

# **Distribution Development Plan**

## **2009-2018**

**Electric Power Industry Management Bureau**  
**Department of Energy**

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## **Executive Summary**

In the planning period 2009-2018, the Distribution Utilities (DUs) expect an increase in peak demand of 4,006 MW from 8,529 MW in 2009 to 12,535 MW in 2018, representing an average growth of 3.9% annually. Luzon is projected to have a 3.7% annual average growth rate in peak demand, from 6,357 MW in 2009 to 9,051 MW in 2018. Visayas and Mindanao will have a higher growth rate at 4.8% and 4.6%, respectively from 1,167 MW in 2009 to 1,735 MW in 2018 for Visayas, and from 1,214 MW in 2009 to 1,750 MW in 2018 for Mindanao.

In terms of energy requirement, DUs in Luzon is projected to grow at an annual average growth rate of 4.0% over the ten-year planning period, from 37,884 GWh in 2009 to 55,588 GWh in 2018. Visayas DUs is seen to register an annual average growth rate of 4.5%, from 6,020 GWh in 2009 to 8,886 GWh in 2018, Mindanao DUs will register a 4.6% annual average growth rate, from 6,726 GWh in 2009 to 9,762 GWh in 2018.

DUs are projecting a substantial increase in the number of customers in 2018: Luzon at 11.366 million; Visayas at 3.622 million; and Mindanao at 3.133 million. These translate to an annual average growth rates of 4.1% in Luzon, 4.5% in Visayas, and 5.0% in Mindanao in energy sales, respectively.

To meet the projected increase in energy requirements over the planning horizon, an estimated 24,424 ckt-km of lines are programmed for rehabilitation and/or upgrading, 14,842 ckt-km of lines are for construction, and an additional 5,735 MVA substation capacity will be constructed. These will have corresponding investment requirements amounting to Php70.9 billion, broken down into: Php21.2 billion for electrification projects, Php20.6 billion for construction of new lines, Php8.0 billion for additional substation capacity, and Php21.1 billion for rehabilitation of distribution lines.

# 2009 Distribution Development Plan

## Introduction

The Department of Energy (DOE) publishes annually the Distribution Development Plan (DDP) of all distribution utilities (DUs) in the country. The DOE consolidates into the national DDP the individual DDPs of DUs: the Private Investor-Owned Utilities (PIOUs), Local Government Unit-Owned Utilities (LGUOUs), Multi-purpose Cooperatives, and the Electric Cooperatives (ECs) as endorsed by the National Electrification Administration (NEA).

The annual submission and preparation of the DDP is in compliance with Republic Act No. 9136 and is prescribed by the DOE Department Circular No. 2004-02-002.

The DDP covers the DUs<sup>1</sup> 10-year program on acquisition of sub-transmission assets, expansion and rehabilitation of distribution facilities and the costs associated to these activities in order to deliver the electric power services to the projected number of customers, and their corresponding energy and demand requirements.

TABLE 1. DDP Submission Rate of DUs

GRID	Type of DUs	Total DUs	DDP Submission
Luzon	ECs	56	52
	PIOUs *	9	9
	LGUOUs	5	1
	<b>Sub-Total</b>	<b>70</b>	<b>62</b>
Visayas	ECs	31	31
	PIOUs	4	4
	LGUOUs	2	0
	<b>Sub-Total</b>	<b>37</b>	<b>35</b>
Mindanao	ECs	33	32
	PIOUs	4	4
	LGUOUs	1	0
	<b>Sub-Total</b>	<b>38</b>	<b>36</b>
<b>Total</b>		<b>145</b>	<b>133</b>
		<b>ECs</b>	<b>115</b>
		<b>PIOUs</b>	<b>17</b>
		<b>LGUOUs</b>	<b>1</b>

\* includes Subic Enerzone Corporation

The 2009 DDP contains the individual DDPs of 133 DUs (Table 1).

## Highlights of the 2009 DDP

### Number of Customers and Sales

In 2008, DUs provided electricity services to at least 12.866 million customers. Over the 2009-2018 planning period, the DUs are expecting a 3.7% increase in the number of customers in 2009, 3.5% in 2013 and 3.5% in 2018<sup>2</sup> (Figure 1). The DUs in Luzon are projecting that their customers will reach 11.366 million in 2018 whereas DUs in the Visayas and Mindanao will have to expand their services to 3.622 million and 3.134 million customers, respectively by 2018 (Table 2).

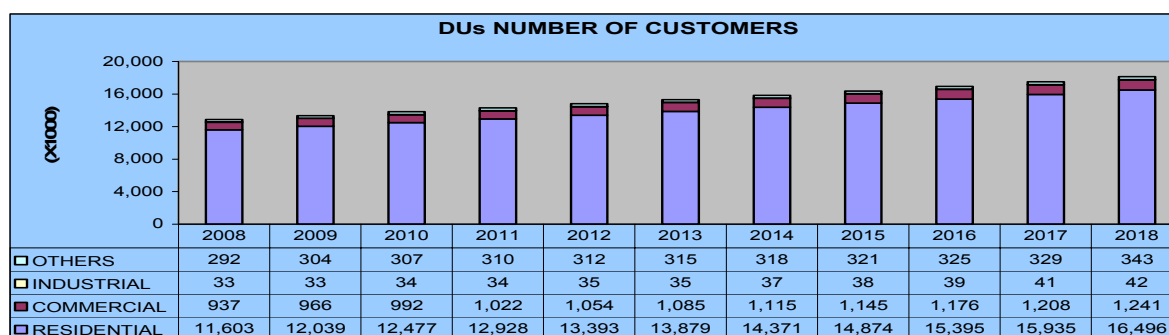


Figure 1. DUs Number of Customers, 2008-2018

Note: 2008 Figures are actual.

<sup>1</sup> A total of 12 DUs did not submit its 2009 DDPs. These DUs are: Luzon DUs; PUD, Corcuera Electric System, Banton Electric System, Concepcion Electric System, ABRECO, PELCO III, PALECO, and SORECO II; Visayas DUs; Hilabaan Multipurpose Coop., Maripipi Multipurpose Coop., Mindanao DUs; Bumburan Electric Light System and CASELCO.

<sup>2</sup> Figures from DUs with 2009 DDP submission only.

Over the planning period, Luzon PIOUs and LGUOUs are projecting an increase of 1.9% in their number of customers whereas Luzon ECs project a 4.4% increase in its customers.

The projected growth rate of 3.0% in the total number of customers in the Luzon grid, from 8.699 million customers in 2009 to 11.389 million customers in 2018, will have a corresponding increase in energy sales of 4.1%, with a estimated energy sales of 33,697 GWh in 2009 to 50,026 GWh in 2018 (Figure 2).

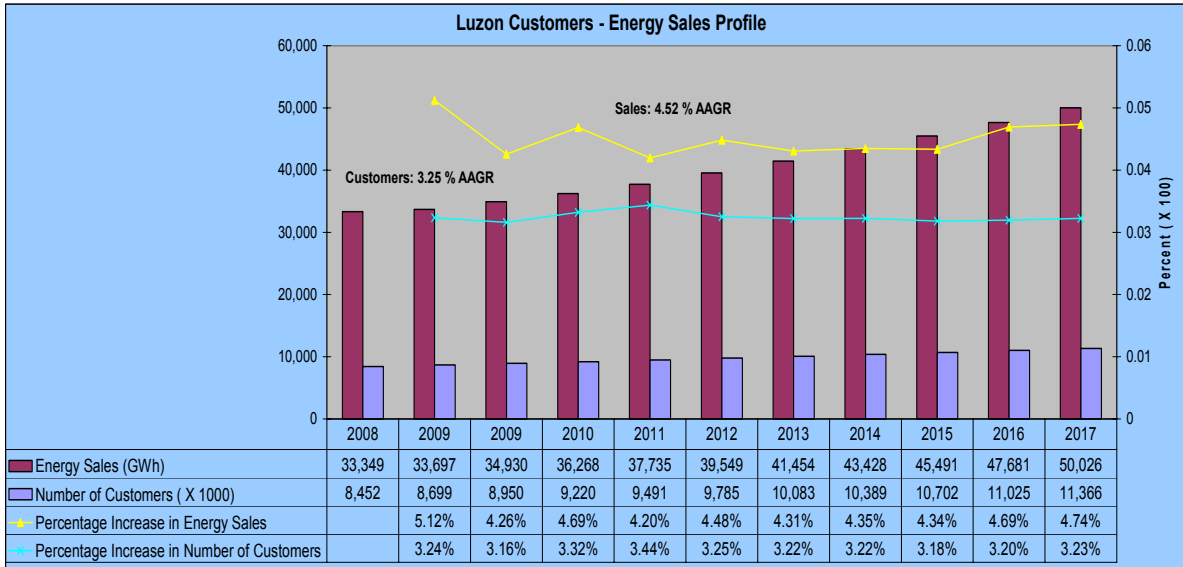


Figure 2. Luzon Energy Sales - Number of Customers

Note: 2008 Figures are actual.

In 2008, residential customers of Luzon PIOUs/LGUOUs and ECs account to approximately 53% and 37% respectively of Luzon’s total number of customers. Over the planning period, residential customers of Luzon PIOUs/LGUOUs will comprise of 48% of Luzon DUs total customers and around 43% will be that of ECs. PIOUs / LGUOUs customers will be in average 90% residential, while for the ECs an average of 93% are residential customers.

In the Visayas, PIOUs are expecting an increase of 2.7% in their number of customers while the ECs project an increase of 4.6% in its customers.

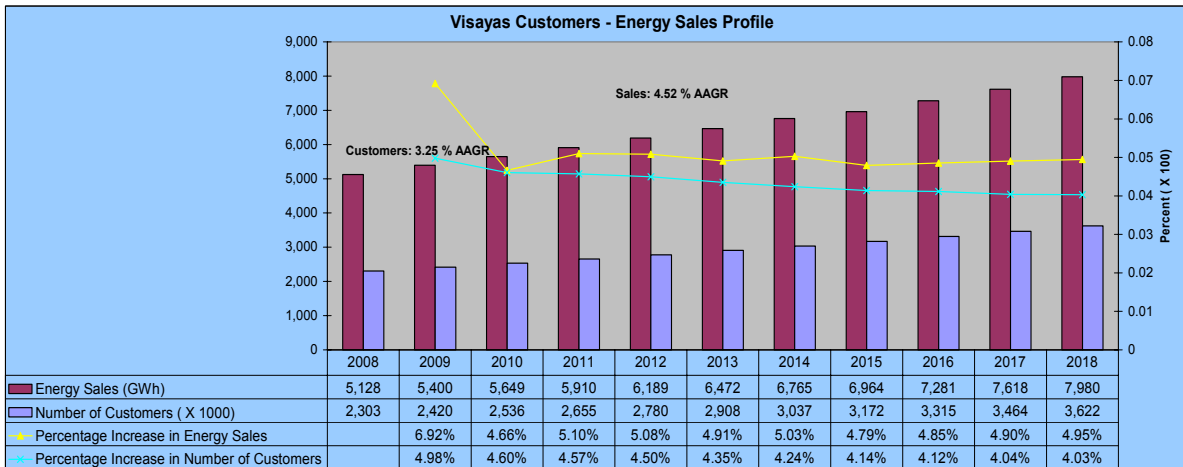


Figure 3. Visayas Energy Sales - Number of Customers

Note: 2008 Figures are actual.

In 2008, of the total number of DU customers in the Visayas region, 71% are residential customers of ECs and 18% are PIOU customers. Over the planning period, 78% of ECs customers will be residential while 13% for PIOUs customers. Approximately 91% in the Visayas region will be residential customers.

A growth rate in energy sales of 4.52% is projected in the Visayas Grid, from 5,399 GWh in 2009 to 7,980 GWh in 2018. This is in comparison with the 4.6% expected growth rate in the number of customers over the planning period from 2.419 Million customers in 2009 to 3.622 million customers in 2018 (Figure 3).

In Mindanao, PIOUs are projecting an increase of 3.5% in their number of customers while the ECs project an increase of 4.0% in its customers. In total, it is estimated that there will be 3.134 million customers in 2018 from 2.223 million customers in 2008. This is equivalent to a growth rate of 4.0%.

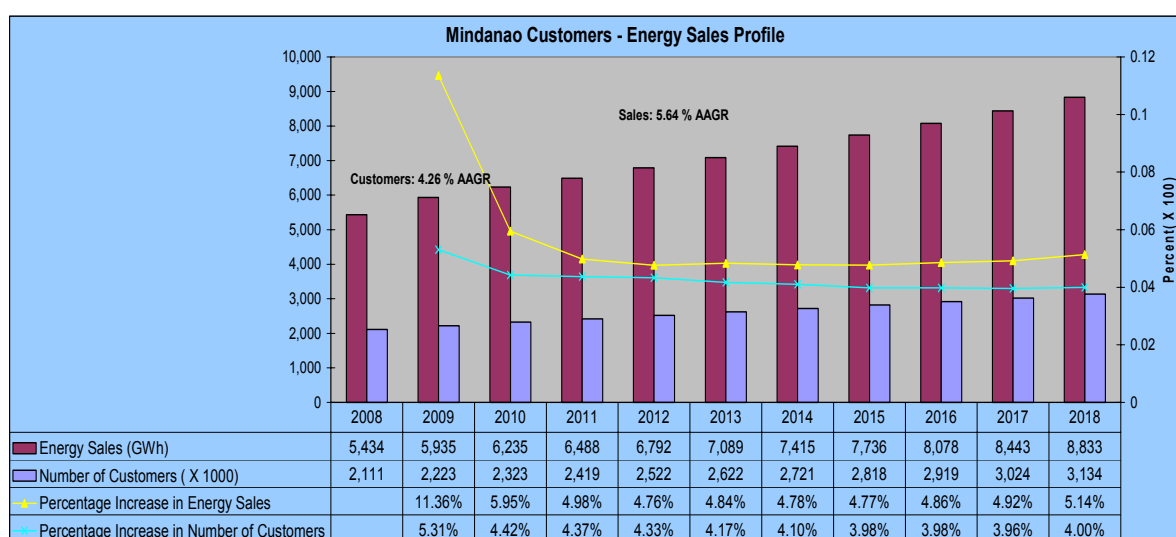


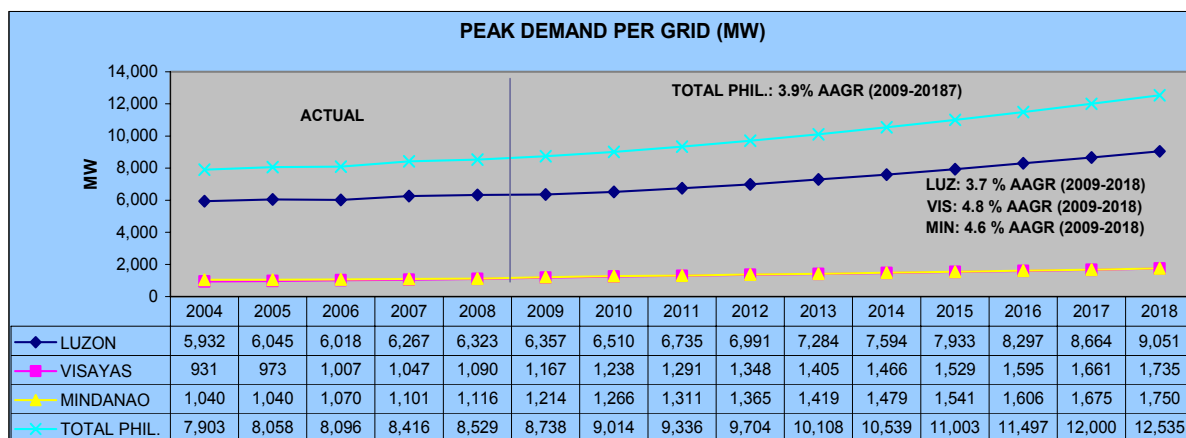
Figure 4. Mindanao Energy Sales - Number of Customers

Note: 2008 Figures are actual.

With this increase in the number of customer, Mindanao DUs expect an equivalent growth rate in energy sales over the planning period by an average growth rate of 4.9%, from 5,935 GWh in 2009 to 8,833 GWh in 2018 (Figure 4).

Approximately 87% of Mindanao DUs were residential customer in the year 2008. This percentage will relatively not change over the planning period. Of the total customers of Mindanao DUs, 17% are residential customers of PIOUs while 72% are residential customers of ECs.

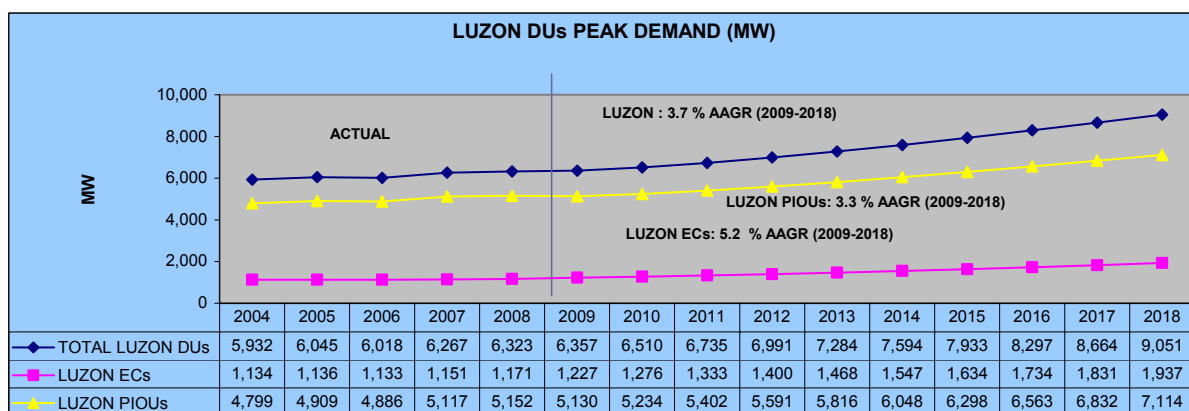
## Demand Requirement



**Figure 5. Peak Demand per Grid (MW), 2004-2018**

Note: Figures include data from 2008 and 2007 DDP. Please see Table 3.

In the planning period, 2009–2018, the DUs total peak demand<sup>3</sup>, which stood at 8,529 MW in 2008, is expected to grow annually at an average rate of 3.9% (Figure 5). Luzon’s peak demand is estimated to increase annually at an average of 3.7%, with demand reaching 6,357 MW in 2009 and 9,051 MW in 2018 (Figure 6). In the Visayas, DUs demand is estimated to peak at 1,167 MW in 2009 and 1,750 MW in 2018, equivalent to an annual average growth rate of 4.8% over the planning period. In Mindanao, DUs are projecting an annual average rate of 4.6% increase in peak demand, from 1,214 MW in 2009 to 1,750 MW in 2018.



**Figure 6. Luzon DUs Peak Demand (MW), 2004-2018**

Note: Figures include data from 2008 and 2007 DDP. Please see Table 3.

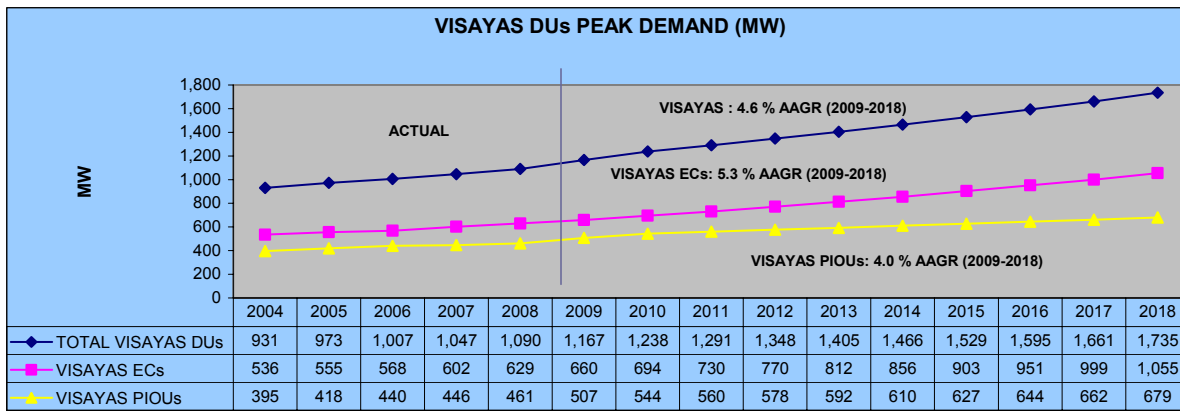
Luzon PIOUs and LGUOUS peak demand will increase annually at an average of 3.3%, with demand reaching 5,130 MW in 2009 and 9,505 MW in 2017 (Table 3). Meralco will have an average increase in demand of 3.2 % with demand of 4,757 MW in 2009 and 6,582 MW in 2018 while the rest of the PIOUs and LGUOUS will have an accumulated demand of 373 MW in 2009 and 532 in 2018 equivalent to an average increase in growth of 3.9 %. ECs estimate an annual average increase of 5.2% at 1,227 MW in 2009 to 1939 MW in 2018 (Figure 6).

Meralco’s peak demand of 4,790 MW in CY2008 accounted for 71.77 % of Luzon’s Peak Demand of 6,674 MW<sup>4</sup> for that year.

<sup>3</sup> Peak Demand indicated is non-coincident peak.

<sup>4</sup> National Grid Corporation of the Philippines data



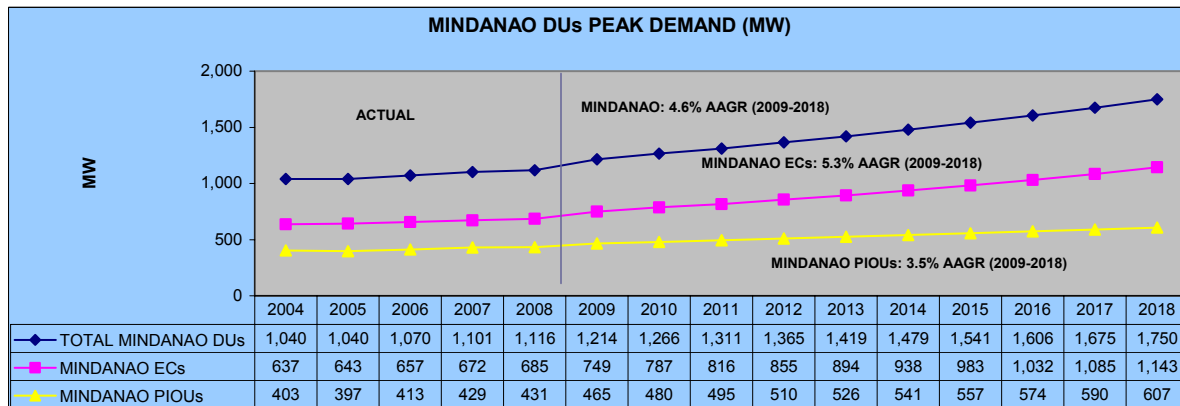


**Figure 7. Visayas DUs Peak Demand (MW), 2004-2018**

Visayas PIOUs peak demand will increase at an average of 4.0% annually, with demand reaching 507 MW in 2009, 592 MW in 2013 and further to 679 MW in 2018 while Visayas ECs are expected to increase by an annual average rate of 5.3% (Figure 7).

On a per island basis, DUs in Leyte-Samar expect an increase of 5.9 % in peak demand from 141 MW in 2009 to 236 MW in 2018, Cebu DUs, including Mactan’s, sees demand to increase from 508 MW in 2009 to 700 MW in 2018, equivalent to an annual average growth rate of 4.3 % (Table 4). Bohol DUs expect an increase of 6.8 % average growth rate. DUs in Negros projected an accumulative 4.11 % average growth in demand with demand expected to be 229 MW in 2009 increasing to 336 MW in 2018. The eight DUs in Panay, expected demand to be 228 MW in 2009 and increase to 343 MW in 2018 representing an equivalent increase of 4.8 %.

VECO’s peak demand of 326 MW in CY2008 accounted for 27.72 % of Visayas’s Peak Demand of 1,176 MW<sup>5</sup> for that year.



**Figure 8. Mindanao DUs Peak Demand (MW), 2004-2018**

Mindanao PIOUs have projected to have an annual increase of an average rate of 3.5% in peak demand, with demand reaching 465 MW in 2009 and 607 MW in 2018 (Table 5). DLPC sees its demand to increase from 268 MW in 2009 to 358 MW 2018, equivalent to an average increase of 3.7 % while the rest of the PIOUs will have an accumulated demand of 197 MW in 2009 and 249 MW in 2018 equivalent to an average increase in growth of 3.2 %. ECs expected a higher increase in peak demand at an average rate of 5.3% annually, bringing peak demand from 749 MW in 2009 to 1,750 MW in 2018 (Figure 8).

<sup>5</sup> National Grid Corporation of the Philippines data

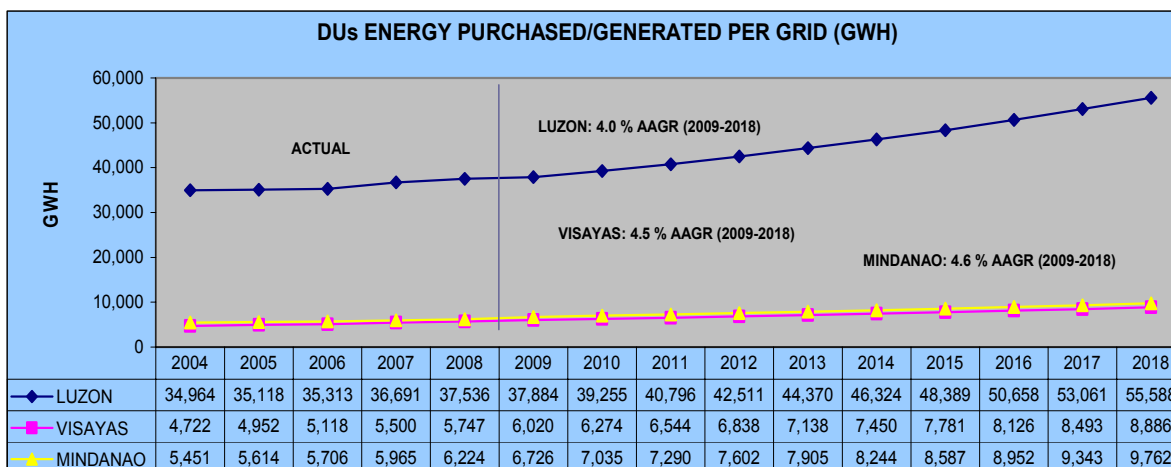
DLPC's peak demand of 249 MW in CY2008 accounted for 20.68 % of Mindanao's Peak Demand of 1,204 MW<sup>6</sup> for that year.

Overall, DUs anticipate an increase of 3,973 MW in peak demand over the planning horizon, 2,728 MW in Luzon, 611 MW in Visayas, and 634 MW in Mindanao.

PANELCO I and BOHECO I expect an increase in their peak demand due to expected construction on airport's in their respective franchise areas.

**Energy Requirement**

DUs will require 50,631 GWh in 2009, 59,414 GWh in 2013 and 74,236 GWh in 2018<sup>7</sup> (Figure 9). An annual average growth rate of 4.0% in the energy requirements of Luzon is projected over the ten-year planning period, from 37,884 GWh in 2009 to 55,588 GWh in 2018. Visayas is seen to register an annual average growth rate of 4.5%, from 6,020 GWh in 2009 to 8,886 GWh in 2018, whereas Mindanao will register a 4.6% annual average growth rate, from 6,726 GWh in 2009 to 9,762 GWh in 2018.



**Figure 9. DUs ENERGY PUR/GEN PER GRID (GWH), 2004-2018**

Luzon's PIOUs and LGUOUS energy requirement will increase at an average of 3.7% annually, from 31,635 GWh in 2009 to 45,336 GWh in 2018, while Luzon ECs are expecting an increase of 5.6% annually from 6,249 GWh in 200 to 10,250 GWh in 2018.

Visayas PIOUs energy requirements will grow at an average of 3.1% annually, from 2,755 GWh in 2009 to 3,654 GWh in 2018, while that of Visayas ECs will rise by 5.5% from 3,265 GWh in 2009 to 5,232 GWh in 2018.

The Cebu sub-grid energy requirement will be at 2,766 GWh in 2009 and 3,721 GWh by 2018, representing a 3.4 % annual average growth rate. Negros and Panay sub-grids will have an average growth rate of 4.6 % and 4.9% respectively, with energy requirement of 1,150 GWh in 2009 and 1,729 GWh in 2018 for Negros and 1,107 GWh in 2009 and 1,671 GWh in 2018 for Panay.

Mindanao PIOUs energy requirement will increase at an average of 3.4% annually, 2,693 GWh in 2009 and 3,527 GWh in 2018, while their EC counterparts see a growth of 5.4%, 4,033 GWh in 2009 and 6,235 GWh in 2018.

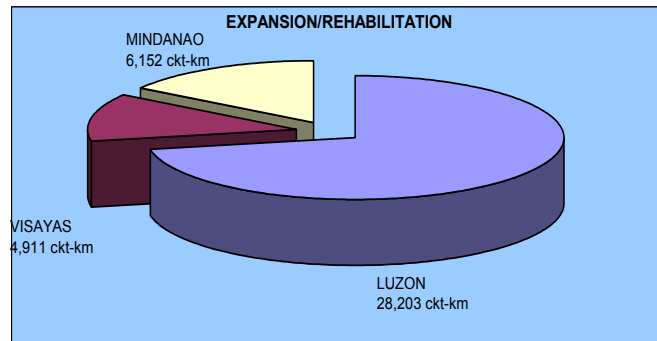
<sup>6</sup> National Grid Corporation of the Philippines data

<sup>7</sup> In the case of DUs without 2009 DDP submission (footnote 1), data from their respective 2008 and 2007 DDP are used.

Overall, DUs sees an increase of 24,575 GWh in energy requirement over the planning horizon, 18,052 GWh in Luzon, 3,139 GWh in Visayas, and 3,538 GWh in Mindanao.

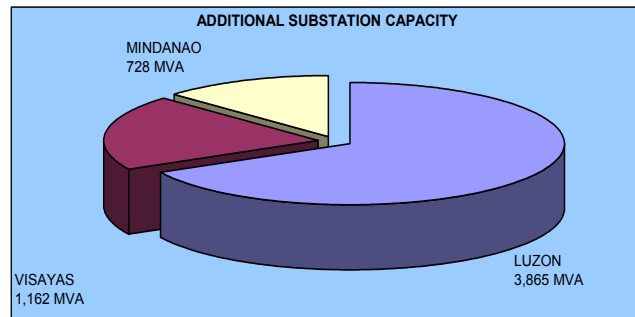
### **Infrastructure and Capital Requirements**

In order to provide quality, secure, and reliable power, about 24,424 ckt-km of lines are programmed for rehabilitation and/or upgrading and 14,842 ckt-km of lines are for construction while an additional 5,755 MVA substation capacity will be constructed<sup>8</sup> (Figure 10 and 11). On a per grid basis, Luzon DUs will require 3,865 MVA additional substation capacity, 7,469 ckt-km of new distribution lines and rehabilitation of 20,735 ckt-km of lines (Table 6). In the Visayas, DUs plan to rehabilitate 1,584 ckt-km of lines, extend coverage of distribution lines by 3,327 ckt-km, and construct new substation capacity of 1,162 MVA. In Mindanao, developments in the infrastructure requirements are focused on construction of 728 MVA substation capacity and 4,046 ckt-km of distribution lines, and rehabilitation of 2,106 ckt-km of lines.



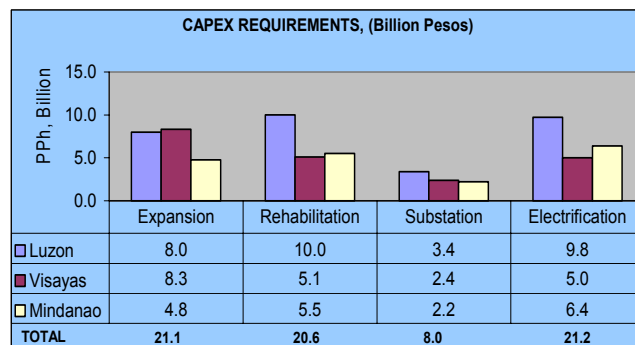
**Figure 10. Total Expansion/Rehabilitation (ckt-km), 2009-2018**

Implementing all these projects will require P70.9 billion investments (Figure 12). The largest bulk of the financial investments, estimated at about P21.2 billion is for the electrification projects while P29.1 billion will be utilized in the construction of new distribution lines and additional substation capacity and P20.6 billion for rehabilitation of distribution lines (Table 7).



**Figure 11. Total Substation Capacity Addition (MVA), 2009-2018**

In Luzon, costs for rehabilitation of distribution lines will amount to PhP10.0 billion whereas construction of additional substation capacity and implementation of electrification projects will require P3.4 billion and P9.8 billion, respectively. Expansion projects will entail P7.9 billion in cost. Looking at similar infrastructure requirements in Visayas, expansion of new distribution lines will reach P8.3 billion. Moreover, total cost for new substation capacities is estimated at P2.4 billion, electrification projects at P5.0 billion and rehabilitation projects at P5.1 billion. Similarly, to improve system performance in Mindanao, DUs are projecting an investment of P4.8 billion in expansion of new distribution lines, P2.2 billion in additional substation capacities, P6.4 billion in electrification projects, and P5.5 billion in rehabilitation and upgrading of existing distribution lines.



**Figure 12. Capital Expenditure Requirements (PPH B), 2009-2018**

<sup>8</sup> Figures from DUs with 2009 DDP submission only.

**Comparative DDP (2008-2017 DDP vis-à-vis 2009-2018 DDP)**

Parameters	Actual		Growth Rate (%)		
	2007	2008	2007-2008	2008 DDP	2009 DDP
				2008-2017	2009-2018
<b>Peak Demand (MW)</b>	8,415	8,529	1.3	4.4	3.9
<b>Energy Requirement (GWh)</b>	48,156	49,507	2.8	4.5	4.0

Parameters	Investment Requirement (Million Pesos)	
	2008 DDP	2009 DDP
	2008-2017	2009-2018
<b>Capital Expenditure</b>	<b>70,880</b>	<b>70,903</b>
Expansion	18,185	21,117
Rehabilitation	19,649	20,618
Substation Projects	11,847	8,008
Electrification Projects	21,199	21,160

Parameters	Requirement	
	2008 DDP	2009 DDP
	2008-2017	2009-2018
<b>Infrastructure</b>		
Expansion (ckt-km)	17,590	14,842
Rehabilitation (ckt-km)	23,929	24,424
Substation Expansion (MVA)	6,771	5,755

## SUMMARY TABLES

Table 2. Total Number of Customers 2008-2018

	ACTUAL	PROJECTION									
<b>LUZON</b>											
<b>PIOUs/LGUOUs</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Residential	4,511,028	4,584,662	4,664,590	4,754,885	4,841,945	4,945,418	5,046,359	5,147,642	5,247,415	5,345,898	5,442,986
Commercial	455,792	467,574	477,428	490,257	505,085	519,219	531,391	543,518	555,568	567,391	579,942
Industrial	11,304	10,972	11,015	10,864	10,754	10,647	11,712	12,208	12,719	13,239	13,777
Others	5,800	5,858	5,968	6,085	6,180	6,304	6,404	6,559	6,718	6,892	14,542
<b>Total</b>	<b>4,983,924</b>	<b>5,069,066</b>	<b>5,159,001</b>	<b>5,262,091</b>	<b>5,363,964</b>	<b>5,481,588</b>	<b>5,595,866</b>	<b>5,709,927</b>	<b>5,822,419</b>	<b>5,933,420</b>	<b>6,051,247</b>
<b>ECs</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Residential	3,165,496	3,317,985	3,472,673	3,632,170	3,794,930	3,964,378	4,140,374	4,324,382	4,516,684	4,719,757	4,934,057
Commercial	167,572	173,222	178,713	184,444	190,436	196,634	202,842	209,460	216,429	223,982	231,965
Industrial	5,689	5,855	6,026	6,204	6,371	6,551	6,734	6,933	7,143	7,373	7,621
Others	128,948	133,140	133,927	134,726	135,411	136,153	137,047	137,909	138,847	139,968	141,159
<b>Total</b>	<b>3,467,705</b>	<b>3,630,202</b>	<b>3,791,338</b>	<b>3,957,544</b>	<b>4,127,149</b>	<b>4,303,717</b>	<b>4,486,996</b>	<b>4,678,684</b>	<b>4,879,104</b>	<b>5,081,081</b>	<b>5,314,802</b>
<b>LUZON TOTAL CUSTOMERS</b>	<b>8,451,629</b>	<b>8,699,268</b>	<b>8,950,339</b>	<b>9,219,635</b>	<b>9,491,113</b>	<b>9,785,305</b>	<b>10,082,863</b>	<b>10,388,611</b>	<b>10,701,523</b>	<b>11,024,501</b>	<b>11,366,049</b>
<b>VISAYAS</b>											
<b>PIOUs</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Residential	373,476	379,011	387,358	395,673	403,996	412,385	423,664	435,423	447,707	460,551	473,824
Commercial	47,020	48,067	50,733	53,472	56,202	58,934	61,806	64,699	67,617	70,561	73,532
Industrial	2,536	2,705	2,841	2,981	3,133	3,281	3,439	3,605	3,778	3,957	4,142
Others	1,163	1,219	1,269	1,309	1,344	1,384	1,419	1,454	1,489	1,524	1,559
<b>Total</b>	<b>424,195</b>	<b>431,002</b>	<b>442,201</b>	<b>453,435</b>	<b>464,675</b>	<b>475,984</b>	<b>490,327</b>	<b>505,181</b>	<b>520,591</b>	<b>536,593</b>	<b>553,057</b>
<b>ECs</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Residential	1,701,208	1,804,428	1,905,895	2,009,316	2,118,763	2,230,389	2,340,624	2,455,856	2,577,124	2,703,482	2,836,543
Commercial	96,283	99,669	102,669	106,143	109,681	113,146	116,611	120,152	123,808	127,527	131,439
Industrial	3,430	3,556	3,683	3,793	3,927	4,057	4,181	4,313	4,453	4,597	4,747
Others	77,817	81,082	81,759	82,432	83,354	84,213	85,342	86,896	89,017	92,042	96,457
<b>Total</b>	<b>1,878,739</b>	<b>1,988,734</b>	<b>2,094,006</b>	<b>2,201,684</b>	<b>2,315,725</b>	<b>2,431,805</b>	<b>2,546,758</b>	<b>2,667,218</b>	<b>2,794,402</b>	<b>2,927,647</b>	<b>3,069,187</b>
<b>VISAYAS TOTAL CUSTOMERS</b>	<b>2,302,934</b>	<b>2,419,737</b>	<b>2,536,207</b>	<b>2,655,118</b>	<b>2,780,400</b>	<b>2,907,789</b>	<b>3,037,085</b>	<b>3,172,399</b>	<b>3,314,993</b>	<b>3,464,241</b>	<b>3,622,244</b>
<b>MINDANAO</b>											
<b>PIOUs</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Residential	378,170	391,862	406,714	422,107	438,083	454,659	471,860	489,710	508,237	527,467	547,428
Commercial	56,970	59,535	60,963	62,364	63,230	64,113	65,233	66,375	67,540	68,729	69,944
Industrial	3,529	3,612	3,667	3,723	3,779	3,837	3,895	3,955	4,016	4,077	4,140
Others	295	310	323	322	335	348	361	375	389	404	419
<b>Total</b>	<b>438,964</b>	<b>455,319</b>	<b>471,666</b>	<b>488,516</b>	<b>505,427</b>	<b>522,957</b>	<b>541,349</b>	<b>560,415</b>	<b>580,182</b>	<b>600,677</b>	<b>621,931</b>
<b>ECs</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
Residential	1,474,102	1,561,519	1,639,831	1,713,869	1,795,129	1,871,868	1,948,184	2,021,409	2,097,788	2,177,501	2,261,502
Commercial	113,724	117,717	121,696	125,406	129,310	133,293	137,249	141,205	145,296	149,582	154,066
Industrial	6,160	6,321	6,490	6,641	6,785	6,926	7,061	7,196	7,333	7,468	7,607
Others	78,323	81,925	83,513	84,687	85,796	87,091	87,542	87,891	88,110	88,461	88,680
<b>Total</b>	<b>1,672,308</b>	<b>1,767,482</b>	<b>1,851,530</b>	<b>1,930,603</b>	<b>2,017,020</b>	<b>2,099,178</b>	<b>2,180,035</b>	<b>2,257,701</b>	<b>2,338,527</b>	<b>2,423,012</b>	<b>2,512,055</b>
<b>MINDANAO TOTAL CUSTOMERS</b>	<b>2,111,272</b>	<b>2,222,801</b>	<b>2,323,196</b>	<b>2,419,119</b>	<b>2,522,447</b>	<b>2,622,135</b>	<b>2,721,384</b>	<b>2,818,116</b>	<b>2,918,709</b>	<b>3,023,689</b>	<b>3,133,985</b>
<b>TOTAL PHILIPPINES</b>											
<b>CUSTOMER TYPE</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>
<b>RESIDENTIAL</b>	<b>11,603,479</b>	<b>12,039,466</b>	<b>12,477,061</b>	<b>12,928,021</b>	<b>13,392,846</b>	<b>13,879,097</b>	<b>14,371,064</b>	<b>14,874,421</b>	<b>15,394,955</b>	<b>15,934,656</b>	<b>16,496,340</b>
<b>COMMERCIAL</b>	<b>937,361</b>	<b>965,784</b>	<b>992,201</b>	<b>1,022,085</b>	<b>1,053,944</b>	<b>1,085,340</b>	<b>1,115,132</b>	<b>1,145,410</b>	<b>1,176,258</b>	<b>1,207,772</b>	<b>1,240,888</b>
<b>INDUSTRIAL</b>	<b>32,648</b>	<b>33,020</b>	<b>33,721</b>	<b>34,206</b>	<b>34,749</b>	<b>35,299</b>	<b>37,022</b>	<b>38,211</b>	<b>39,441</b>	<b>40,712</b>	<b>42,034</b>
<b>OTHERS</b>	<b>292,346</b>	<b>303,535</b>	<b>306,758</b>	<b>309,561</b>	<b>312,420</b>	<b>315,493</b>	<b>318,114</b>	<b>321,084</b>	<b>324,571</b>	<b>329,291</b>	<b>343,016</b>
<b>TOTAL</b>	<b>12,865,835</b>	<b>13,341,805</b>	<b>13,809,742</b>	<b>14,293,872</b>	<b>14,793,960</b>	<b>15,315,229</b>	<b>15,841,332</b>	<b>16,378,126</b>	<b>16,935,225</b>	<b>17,512,430</b>	<b>18,122,278</b>

NOTE: figures as per 2009 DDP submission only



Table 4. Visayas DUs Peak Demand (MW), 2009-2018

	PIOU / LGUOU	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
			2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	VECO	Region 7	326.1	366.2	396.8	406.4	416.6	425.2	436.5	446.6	456.7	466.9	477.6
2	PECO	Region 6	73.2	74.7	76.1	77.7	79.2	80.8	82.4	84.1	85.8	87.5	89.2
3	MECO	Region 7	45.2	47.9	51.7	55.5	59.9	62.7	65.8	69.1	72.7	76.5	79.5
4	BLCI	Region 7	16.8	18.0	19.3	20.6	22.0	23.6	25.2	27.0	28.9	30.9	33.1
5	Hilabaan Multi-Purpose Coop.*	Region 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
6	Maripipi Multi-Purpose Coop. *	Region 8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Visayas PIOUs/LGUOUs</b>			<b>461</b>	<b>507</b>	<b>544</b>	<b>560</b>	<b>578</b>	<b>592</b>	<b>610</b>	<b>627</b>	<b>644</b>	<b>662</b>	<b>679</b>
	Electric Cooperative	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
			2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	CENECO	Region 6	112.7	114.5	118.0	121.9	126.6	131.5	136.7	142.1	147.9	148.9	155.1
2	NOCECO	Region 6	35.5	34.2	35.9	38.0	40.1	42.7	45.5	48.5	51.1	54.7	58.1
3	AKELCO	Region 6	31.0	37.0	40.1	43.7	47.0	50.0	52.7	54.9	56.0	56.6	56.9
4	CAPELCO	Region 6	30.3	32.8	34.9	36.6	38.7	41.4	43.8	46.5	49.4	52.2	55.5
5	VRESCO	Region 6	30.0	31.2	32.8	34.3	35.8	37.4	38.4	39.4	40.4	41.5	42.6
6	ILECO I	Region 6	29.5	31.1	33.0	35.0	36.9	39.4	42.2	44.8	48.0	51.5	54.8
7	ILECO II	Region 6	21.0	21.3	22.5	23.9	25.2	26.6	28.0	29.4	30.9	32.5	34.2
8	ANTECO	Region 6	12.8	13.4	14.3	15.1	16.1	17.2	18.4	19.7	21.1	22.6	24.2
9	ILECO III	Region 6	12.0	12.8	13.7	14.5	15.4	16.3	17.2	18.5	19.5	20.5	21.5
10	GUIMELCO	Region 6	4.6	4.9	5.1	5.3	5.5	5.8	6.0	6.3	6.5	6.7	7.0
<b>Total Region 6</b>			<b>319</b>	<b>333</b>	<b>350</b>	<b>368</b>	<b>387</b>	<b>408</b>	<b>429</b>	<b>450</b>	<b>471</b>	<b>488</b>	<b>510</b>
1	NORECO II	Region 7	38.0	39.5	41.2	43.2	45.2	47.7	50.4	53.4	57.0	60.8	65.0
2	CEBECO II	Region 7	36.1	36.8	37.9	39.7	41.0	42.8	44.1	46.1	47.5	49.7	51.2
3	CEBECO III	Region 7	29.0	33.4	35.8	38.3	41.1	42.9	44.8	46.8	48.1	49.4	50.8
4	CEBECO I	Region 7	23.2	23.8	24.7	25.8	26.8	28.2	30.0	32.3	34.9	37.8	41.0
5	BOHECO I	Region 7	20.0	21.5	24.3	26.3	28.5	30.9	33.0	35.6	38.6	42.2	46.4
6	BOHECO II	Region 7	13.0	13.2	13.4	13.6	13.9	14.3	14.7	15.2	15.7	16.3	17.0
7	NORECO I	Region 7	8.6	9.1	9.6	10.2	10.9	11.6	12.4	13.1	13.9	14.6	15.4
8	BANELCO	Region 7	3.4	3.6	3.9	4.2	4.5	5.0	5.6	6.2	7.0	7.8	8.8
9	PROSIELCO	Region 7	3.0	3.4	3.9	4.5	5.1	5.8	6.5	7.4	8.3	9.2	10.3
10	CELCO	Region 7	1.6	1.8	1.8	1.9	2.0	2.1	2.3	2.5	2.8	3.2	3.6
<b>Total Region 7</b>			<b>176</b>	<b>186</b>	<b>196</b>	<b>208</b>	<b>219</b>	<b>231</b>	<b>244</b>	<b>259</b>	<b>274</b>	<b>291</b>	<b>310</b>
1	LEYECO II	Region 8	31.0	34.2	36.1	38.0	40.3	42.7	44.8	46.9	49.1	51.3	53.7
2	LEYECO V	Region 8	23.8	24.4	25.2	25.7	26.8	27.9	29.1	30.6	32.4	34.4	37.0
3	SOLECO	Region 8	12.7	12.8	13.4	14.1	14.8	15.5	16.5	17.6	18.8	20.0	21.4
4	SAMELCO II	Region 8	10.5	11.1	11.8	12.4	13.1	13.7	14.4	15.1	15.9	16.8	17.8
5	ESAMELCO	Region 8	10.0	10.5	10.9	11.4	12.2	13.1	14.1	15.1	16.2	18.4	19.8
6	NORSAMELCO	Region 8	9.2	9.5	10.0	10.5	11.2	11.9	12.7	13.8	15.0	16.5	18.2
7	SAMELCO I	Region 8	9.1	9.2	9.5	9.8	10.3	10.8	11.3	11.8	12.3	12.9	13.6
8	LEYECO IV	Region 8	8.8	9.3	9.9	10.3	11.0	11.7	12.3	13.0	13.9	14.8	15.7
9	LEYECO III	Region 8	8.4	8.7	9.0	9.4	9.8	10.2	10.7	11.3	11.9	12.5	13.2
10	BILECO	Region 8	5.9	6.6	7.3	8.0	9.0	10.0	11.3	12.6	14.1	16.0	18.1
11	DORELCO	Region 8	4.0	4.2	4.5	4.8	5.1	5.3	5.7	6.0	6.4	6.8	7.3
<b>Total Region 8</b>			<b>133</b>	<b>141</b>	<b>147</b>	<b>154</b>	<b>163</b>	<b>173</b>	<b>183</b>	<b>194</b>	<b>206</b>	<b>220</b>	<b>236</b>
<b>Total Visayas ECs</b>			<b>629</b>	<b>660</b>	<b>694</b>	<b>730</b>	<b>770</b>	<b>812</b>	<b>856</b>	<b>903</b>	<b>951</b>	<b>999</b>	<b>1,055</b>
<b>TOTAL VISAYAS DUs</b>			<b>1,090</b>	<b>1,167</b>	<b>1,238</b>	<b>1,291</b>	<b>1,348</b>	<b>1,405</b>	<b>1,466</b>	<b>1,529</b>	<b>1,595</b>	<b>1,661</b>	<b>1,735</b>

\*: no DDP submission



Table 5. Mindanao DUs Peak Demand (MW), 2009-2018

	PIOU / LGUOU	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
			2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	DLPC	Region 11	249.0	267.9	277.9	287.9	297.9	307.9	317.9	327.9	337.8	347.8	357.9
2	CEPALCO	Region 10	126.1	133.8	137.3	140.9	144.6	148.4	152.2	156.2	160.3	164.5	168.8
3	ILPI	Region 10	34.6	40.9	41.0	41.8	42.7	43.6	44.6	45.9	47.4	48.9	50.6
4	COLIGHT	Region 12	21.8	22.7	23.4	24.2	25.0	25.8	26.5	27.3	28.1	28.9	29.6
5	Bumbaran Electric Light System *	ARMM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total Mindanao PIOUs/LGUOUs</b>			<b>431</b>	<b>465</b>	<b>480</b>	<b>495</b>	<b>510</b>	<b>526</b>	<b>541</b>	<b>557</b>	<b>574</b>	<b>590</b>	<b>607</b>
	Electric Cooperative	Location	PEAK DEMAND (MW)										
			ACTUAL	PROJECTION									
			2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
1	ZAMCELCO	Region 9	78.0	87.0	93.8	98.6	106.1	110.5	115.2	119.3	123.6	128.1	132.8
2	ZANECO	Region 9	27.0	26.8	28.2	29.6	31.1	32.7	34.4	36.2	38.1	39.5	41.7
3	ZAMSURECO I	Region 9	26.0	25.9	26.7	27.6	28.0	28.9	29.9	31.1	32.3	33.5	34.8
4	ZAMSURECO II	Region 9	15.8	16.5	17.2	18.4	20.6	22.2	24.0	26.2	28.8	31.8	35.2
<b>Total Region 9</b>			<b>147</b>	<b>156</b>	<b>166</b>	<b>174</b>	<b>186</b>	<b>194</b>	<b>204</b>	<b>213</b>	<b>223</b>	<b>233</b>	<b>245</b>
1	FIBECO	Region 10	22.9	24.5	25.8	27.5	29.7	32.1	35.1	38.7	43.0	48.3	54.8
2	MOELCI II	Region 10	21.0	22.6	23.5	24.3	25.1	26.0	27.2	28.6	30.0	31.5	33.0
3	MORESCO I	Region 10	18.0	35.6	38.3	36.9	39.5	42.5	49.2	53.6	58.3	63.3	68.7
4	BUSECO	Region 10	17.9	20.3	21.3	22.4	23.2	24.5	25.4	27.3	28.3	30.0	31.7
5	MORESCO II	Region 10	16.0	17.0	17.2	17.5	18.1	18.5	19.2	19.7	20.6	21.6	22.6
6	LANECO	Region 10	11.0	11.4	11.7	11.9	12.3	12.7	12.9	13.4	13.8	14.3	14.6
7	MOELCI I	Region 10	8.0	8.7	9.1	9.6	9.9	10.5	10.9	11.7	12.4	13.2	14.1
8	CAMELCO	Region 10	3.4	3.5	3.6	3.7	3.8	3.9	4.0	4.1	4.2	4.3	4.4
<b>Total Region 10</b>			<b>118</b>	<b>144</b>	<b>150</b>	<b>154</b>	<b>162</b>	<b>171</b>	<b>184</b>	<b>197</b>	<b>211</b>	<b>226</b>	<b>244</b>
1	DANECO	Region 11	59.0	64.4	67.8	71.2	74.5	77.9	81.5	85.4	89.6	94.1	98.8
2	DASURECO	Region 11	32.9	34.7	37.2	39.3	42.1	45.1	48.5	52.0	55.9	60.1	64.7
3	DORECO	Region 11	13.9	15.4	16.1	16.5	16.7	17.0	17.3	17.6	18.0	18.3	18.6
<b>Total Region 11</b>			<b>106</b>	<b>115</b>	<b>121</b>	<b>127</b>	<b>133</b>	<b>140</b>	<b>147</b>	<b>155</b>	<b>163</b>	<b>172</b>	<b>182</b>
1	SOCOTECO II	Region 12	94.0	100.8	104.3	106.7	110.2	113.8	116.6	119.6	122.6	125.8	129.0
2	SOCOTECO I	Region 12	27.8	29.9	30.8	31.7	32.5	33.3	34.0	34.8	35.6	36.5	37.4
3	COTELCO	Region 12	23.0	23.7	24.2	24.8	25.3	26.0	26.5	27.0	27.4	27.8	28.2
4	SUKELCO	Region 12	22.0	22.5	22.9	23.3	23.7	24.1	24.3	24.6	24.8	24.9	25.0
<b>Total Region 12</b>			<b>167</b>	<b>177</b>	<b>182</b>	<b>186</b>	<b>192</b>	<b>197</b>	<b>201</b>	<b>206</b>	<b>210</b>	<b>215</b>	<b>220</b>
1	ANECO	CARAGA	46.5	49.3	51.5	53.8	56.3	59.0	61.8	64.8	68.0	71.5	75.1
2	SURNECO	CARAGA	17.1	20.0	24.5	26.2	27.7	29.4	31.3	33.2	35.4	37.7	40.3
3	ASELCO	CARAGA	15.0	17.2	17.8	18.6	19.5	20.7	22.1	23.8	25.8	28.0	30.6
4	SURSECO II	CARAGA	8.0	9.3	9.8	10.3	10.8	11.3	11.9	12.4	13.0	13.6	14.1
5	SURSECO I	CARAGA	8.0	7.8	7.9	8.1	8.2	8.3	8.4	8.4	8.5	8.6	8.8
6	SIARELCO	CARAGA	2.2	2.4	2.5	2.6	2.7	2.8	3.0	3.1	3.2	3.4	3.5
7	DIELCO	CARAGA	1.7	1.7	1.9	2.1	2.3	2.5	2.7	3.0	3.3	3.6	3.9
<b>Total CARAGA</b>			<b>98</b>	<b>108</b>	<b>116</b>	<b>122</b>	<b>128</b>	<b>134</b>	<b>141</b>	<b>149</b>	<b>157</b>	<b>166</b>	<b>176</b>
1	LASURECO	ARMM	24.0	24.1	24.8	25.8	26.8	27.8	28.7	30.0	31.5	33.1	34.8
2	MAGELCO	ARMM	8.0	8.0	8.2	8.6	9.1	9.7	10.4	11.3	12.3	13.5	14.9
3	BASELCO	ARMM	7.4	8.2	8.2	8.3	8.7	9.1	9.7	10.3	11.0	11.8	12.7
4	SULECO	ARMM	5.8	6.0	6.0	6.2	6.4	6.7	7.0	7.4	7.8	8.3	8.8
5	TAWELCO	ARMM	3.3	3.5	3.5	3.6	3.8	3.9	4.1	4.3	4.5	4.6	4.7
6	SIASELCO	ARMM	0.4	0.4	0.4	0.4	0.5	0.5	0.5	0.5	0.5	0.6	0.6
7	CASELCO *	ARMM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>Total ARMM</b>			<b>49</b>	<b>50</b>	<b>51</b>	<b>53</b>	<b>55</b>	<b>58</b>	<b>60</b>	<b>64</b>	<b>68</b>	<b>72</b>	<b>77</b>
<b>Total Mindanao ECs</b>			<b>685</b>	<b>749</b>	<b>787</b>	<b>816</b>	<b>855</b>	<b>894</b>	<b>938</b>	<b>983</b>	<b>1,032</b>	<b>1,085</b>	<b>1,143</b>
<b>TOTAL MINDANAO DUs</b>			<b>1,116</b>	<b>1,214</b>	<b>1,266</b>	<b>1,311</b>	<b>1,365</b>	<b>1,419</b>	<b>1,479</b>	<b>1,541</b>	<b>1,606</b>	<b>1,675</b>	<b>1,750</b>

\* no DDP submission



**Tabel 6. Projected Infrastructure Requirements, 2009-2018**

<b>LUZON</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	1,555	642	428	272	304	164	146	78	90	58	<b>3,737</b>
Rehabilitation (ckt-km)	694	586	403	376	268	273	153	148	158	383	<b>3,442</b>
Substation (MVA)	295	160	150	55	60	118	45	70	20	40	<b>1,013</b>
<b>PIOUs/LGUOs</b>											
Expansion (ckt-km)	696	669	691	694	710	53	48	57	57	57	<b>3,731</b>
Rehabilitation (ckt-km)	3,848	3,689	2,864	3,125	3,741	5	5	5	5	5	<b>17,292</b>
Substation (MVA)	866	707	206	950	123		0				<b>2,852</b>
<b>TOTAL LUZON</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total</b>
Expansion (ckt-km)	2,251	1,311	1,118	966	1,014	217	194	135	147	115	<b>7,469</b>
Rehabilitation (ckt-km)	4,542	4,275	3,267	3,502	4,009	278	158	153	163	388	<b>20,735</b>
Substation (MVA)	1,161	867	356	1,005	183	118	45	70	20	40	<b>3,865</b>
<b>VISAYAS</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	752	393	321	192	151	90	64	76	41	19	<b>2,099</b>
Rehabilitation (ckt-km)	349	255	222	119	101	93	84	93	75	87	<b>1,479</b>
Substation (MVA)	153	78	33	78	68	43	23	25	35	15	<b>552</b>
<b>PIOUs/LGUOs</b>											
Expansion (ckt-km)	210	142	121	107	108	107	107	108	108	109	<b>1,228</b>
Rehabilitation (ckt-km)	15	11	11	11	11	10	10	10	10	10	<b>105</b>
Substation (MVA)	250	170	50	30	25	50	10	25	0	0	<b>610</b>
<b>TOTAL VISAYAS</b>	<b>2006</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>Total</b>
Expansion (ckt-km)	962	535	442	299	259	196	171	183	150	128	<b>3,327</b>
Rehabilitation (ckt-km)	364	266	233	130	111	103	94	103	85	97	<b>1,584</b>
Substation (MVA)	403	248	83	108	93	93	33	50	35	15	<b>1,162</b>
<b>MINDANAO</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
<b>ECs</b>											
Expansion (ckt-km)	2,016	549	519	245	123	24	22	16			<b>3,513</b>
Rehabilitation (ckt-km)	547	505	296	176	104	50	47	42	20	9	<b>1,796</b>
Substation (MVA)	215	40	40	70	30	10	25	35	20	10	<b>495</b>
<b>PIOUs/LGUOs</b>											
Expansion (ckt-km)	168	42	56	53	41	35	36	36	34	34	<b>533</b>
Rehabilitation (ckt-km)	66	49	41	32	37	22	17	17	17	11	<b>310</b>
Substation (MVA)	65	83		53	12		0	20			<b>233</b>
<b>TOTAL MINDANAO</b>	<b>2007</b>	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>Total</b>
Expansion (ckt-km)	2,183	591	575	298	163	60	58	51	34	34	<b>4,046</b>
Rehabilitation (ckt-km)	613	554	338	208	142	72	64	59	37	20	<b>2,106</b>
Substation (MVA)	280	123	40	123	42	10	25	55	20	10	<b>728</b>
<b>TOTAL PHILIPPINES</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2018</b>	<b>Total</b>
Expansion (ckt-km)	5,397	2,437	2,135	1,563	1,436	473	423	370	330	277	<b>14,842</b>
Rehabilitation (ckt-km)	5,518	5,095	3,838	3,839	4,262	452	316	314	285	504	<b>24,424</b>
Substation (MVA)	1,844	1,238	479	1,236	318	221	103	175	75	65	<b>5,755</b>

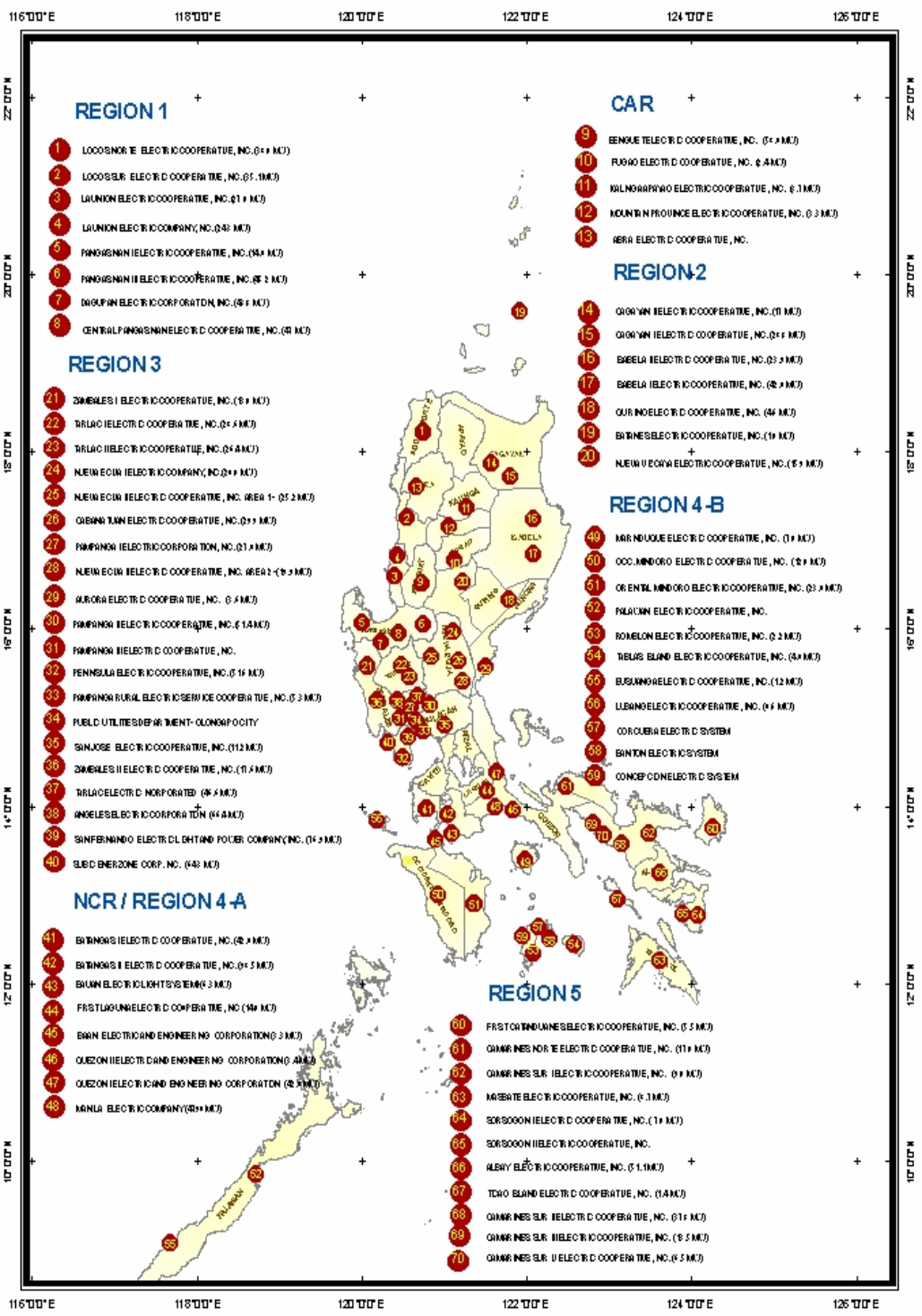
NOTES: figures as per 2009 DDP submission only

Table 7. Projected Capital Investment Requirements (Million Pesos) 2009-2018

LUZON	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
<b>ECs</b>											
Expansion (ckt-km)	2,381	1,158	1,085	669	768	357	284	146	111	124	7,082
Rehabilitation (ckt-km)	1,238	1,014	907	989	799	1,045	897	922	1,006	992	9,810
Substation Projects (MVA)	816	537	434	205	238	243	155	199	64	98	2,988
Electrification Projects	1,387	920	907	872	898	870	909	903	974	967	9,608
<b>PIOUs/LGUOU</b>											
Expansion (ckt-km)	154	114	153	77	72	58	62	79	76	69	915
Rehabilitation (ckt-km)	71	58	33	10	7	3	3	4	6	5	200
Substation Projects (MVA)	188		106		89		17	18			418
Electrification Projects	18	14	14	14	14	14	14	14	14	14	144
<b>TOTAL LUZON</b>											
Expansion (ckt-km)	2,534	1,272	1,237	746	840	415	346	225	187	193	7,997
Rehabilitation (ckt-km)	1,309	1,072	939	999	806	1,049	900	926	1,013	997	10,010
Substation Projects (MVA)	1,004	537	540	205	327	243	172	217	64	98	3,406
Electrification Projects	1,405	934	921	886	912	884	923	917	988	981	9,752
<b>VISAYAS</b>											
<b>ECs</b>											
Expansion (ckt-km)	886	536	349	346	253	169	149	87	78	58	2,912
Rehabilitation (ckt-km)	539	467	514	501	422	434	384	418	433	431	4,543
Substation Projects (MVA)	399	216	94	149	129	111	44	67	82	52	1,343
Electrification Projects	765	495	445	425	462	437	441	449	484	523	4,926
<b>PIOUs/LGUOU</b>											
Expansion (ckt-km)	477	512	517	524	535	542	555	567	593	593	5,416
Rehabilitation (ckt-km)	37	53	52	59	60	57	59	60	62	62	560
Substation Projects (MVA)	207	124	86	88	91	87	89	91	93	95	1,050
Electrification Projects	8	11	11	12	12	5	5	5	5	5	82
<b>TOTAL VISAYAS</b>											
Expansion (ckt-km)	1,364	1,049	865	870	789	711	704	654	671	651	8,328
Rehabilitation (ckt-km)	576	520	566	560	481	491	442	478	495	493	5,103
Substation Projects (MVA)	606	340	180	237	220	198	133	158	175	147	2,394
Electrification Projects	772	506	456	437	474	443	447	454	490	529	5,008
<b>MINDANAO</b>											
<b>ECs</b>											
Expansion (ckt-km)	1,979	702	723	394	106	75	100	102	7	4	4,192
Rehabilitation (ckt-km)	499	615	482	488	677	449	446	446	551	545	5,198
Substation Projects (MVA)	688	132	127	159	134	25	79	85	48	24	1,501
Electrification Projects	945	472	503	475	495	483	474	460	473	489	5,271
<b>PIOUs/LGUOU</b>											
Expansion (ckt-km)	149	42	56	66	54	47	48	48	46	46	601
Rehabilitation (ckt-km)	64	32	39	14	23	36	28	28	24	21	308
Substation Projects (MVA)	192	55		122	46	134	0	79		79	707
Electrification Projects	210	142	142	122	123	124	130	136			1,129
<b>TOTAL MINDANAO</b>											
Expansion (ckt-km)	2,128	744	779	460	160	122	148	150	52	50	4,793
Rehabilitation (ckt-km)	562	647	521	502	700	485	474	474	575	566	5,506
Substation Projects (MVA)	880	187	127	281	180	159	79	164	48	103	2,208
Electrification Projects	1,156	614	645	597	618	607	604	596	473	489	6,400
<b>TOTAL PHILIPPINES</b>											
Expansion (ckt-km)	6,026	3,065	2,882	2,076	1,788	1,248	1,198	1,029	911	895	21,117
Rehabilitation (ckt-km)	2,447	2,239	2,026	2,062	1,987	2,025	1,817	1,878	2,083	2,056	20,618
Substation Projects (MVA)	2,490	1,064	847	722	727	599	384	540	287	348	8,008
Electrification Projects	3,333	2,055	2,022	1,919	2,004	1,934	1,974	1,967	1,952	1,999	21,160

NOTES: figures as per 2009 DDP submission only

**LUZON  
ONE-PAGE DDP  
SUMMARY**



# LUZON DISTRIBUTION UTILITIES

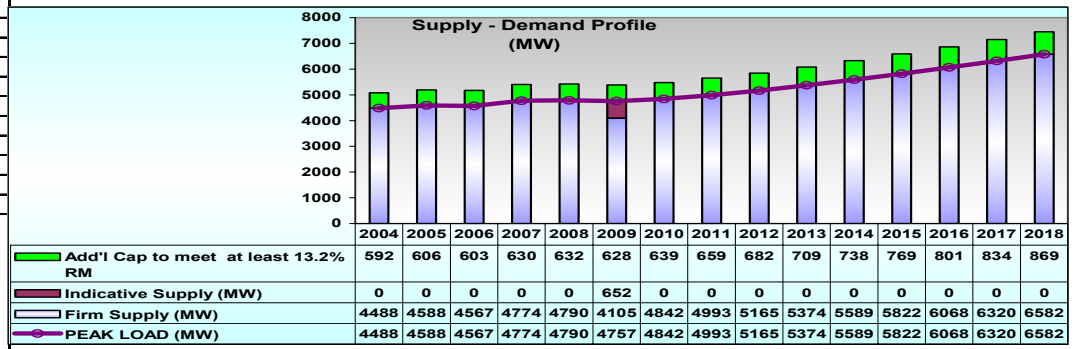
LUZON 2008 PEAK DEMAND

DEPARTMENT OF ENERGY INFORMATION TECHNOLOGY & MANAGEMENT SERVICES	
PREPARED BY:	RCO
DATE PREPARED:	6 FEB 2016
APPROVED BY:	RS6

LUZON  
PRIVATE INVESTOR-OWNED  
UTILITIES and LOCAL  
GOVERNMENT  
UNIT-OWNED UTILITIES

## Manila Electric Company, Inc. (MERALCO)

General Information	
Location	Project Management Office, 3rd Flr, TSB, Meralco
Contact Person	Antonio M. Abuel, Jr.
Position	Senior Manager & Head, Project Management
Tel. No:	1622-8378
Fax No:	1622-6557
E-mail Address	amabueljr@meralco.com.ph
Coverage Area	
No. of barangays	4,319
Franchise Population	
SUPPLY HIGHLIGHTS	



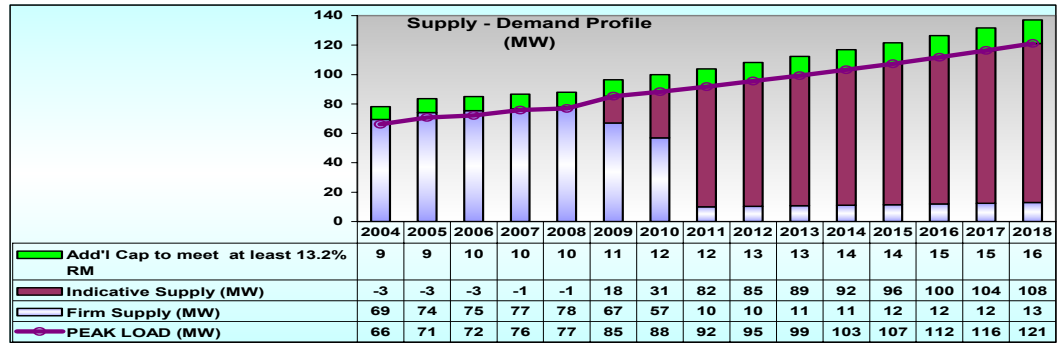
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	4,206	4,275	4,353	4,430	4,522	4,612	4,702	4,791	4,877	4,963	2%
Commercial	424	432	444	457	470	481	492	503	513	524	2%
Industrial	10	10	9	9	9	10	11	11	12	12	2%
Others	4	4	4	4	4	4	4	5	5	12	17%
<b>Total</b>	<b>4,643</b>	<b>4,721</b>	<b>4,811</b>	<b>4,900</b>	<b>5,006</b>	<b>5,109</b>	<b>5,210</b>	<b>5,309</b>	<b>5,407</b>	<b>5,511</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	8,669,257	8,926,353	9,199,531	9,457,323	9,774,216	10,121,761	10,434,245	10,726,502	11,020,798	11,317,197	3%
Commercial	10,660,546	11,043,589	11,548,366	12,154,727	12,929,824	13,715,368	14,531,830	15,381,168	16,263,344	17,180,349	5%
Industrial	7,314,959	7,540,889	7,712,438	7,910,953	8,216,985	8,537,134	8,891,982	9,278,752	9,715,193	10,196,790	3%
Others	140,763	142,618	145,261	148,415	152,220	155,982	159,694	163,352	166,949	170,481	2%
<b>Total</b>	<b>26,785,525</b>	<b>27,653,449</b>	<b>28,605,596</b>	<b>29,671,418</b>	<b>31,073,246</b>	<b>32,530,245</b>	<b>34,017,751</b>	<b>35,549,774</b>	<b>37,166,285</b>	<b>38,864,817</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	4391	4245	3466	3748	4375						20224
<i>Expansion(ckt-km)</i>	595	596	620	636	649						3095
<i>Rehabilitation(ckt-km)</i>	3796	3649	2846	3112	3726						17129
Substation Capacity (MVA)	781	699	166	950	83						2679
Reactive Power Compensation Plan (MVAr)	36	29	14	7	7						94
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities											
<i>Expansion</i>											
<i>Rehabilitation</i>											
Substation Projects											
Electrification Projects											
<b>Total</b>											
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	4,304	
No. of Barangays Electrified (Off-Grid)	15	15	15	15	15	15	15	15	15	15	
<b>Total</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	<b>4,319</b>	
<b>Household Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	4,534,272	4,599,285	4,663,837	4,728,286	4,793,025	4,858,483	4,925,093	4,993,347	5,063,773	5,136,978	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,534,272</b>	<b>4,599,285</b>	<b>4,663,837</b>	<b>4,728,286</b>	<b>4,793,025</b>	<b>4,858,483</b>	<b>4,925,093</b>	<b>4,993,347</b>	<b>5,063,773</b>	<b>5,136,978</b>	

**Franchise Coverage:**

Covers the whole of Metro Manila, the whole province of Bulacan, Cavite and Rizal and portions of the provinces of Laguna, Batangas and Quezon: Laguna: Alaminos, Bay, Biñan, Cabuyao, Calamba, Calauan, Liliw, Los Baños, Luisiana, Magdalena, Majayjay, Nagcarlan, Pila, Rizal, San Pablo City, San Pedro, Sta.Cruz, Sta.Rosa, and Victoria; Batangas: Batangas City, San Pascual, and Sto. Tomas; Quezon: Candelaria, Dolores, Lucban, Lucena City, Mauban, Pagbilao, Sampaloc, San Antonio, Sariaya, Tayabas, and Tiaong; Pampanga: barangays of

## San Fernando Electric Light and Power Company, Inc. (SFELAPCO)

General Information	
Location	Lourdes, City of San Fernando
Contact Person	Eli P. Lapuz
Position	Deputy Chief Engineer
Tel. No:	(045) 961-2727 loc. 116
Fax No:	(045) 961-1210
E-mail Address	eli@sfelapco.com
Coverage Area	203,514 sq.km.
No. of barangays	78
Franchise Population	
SUPPLY HIGHLIGHTS	



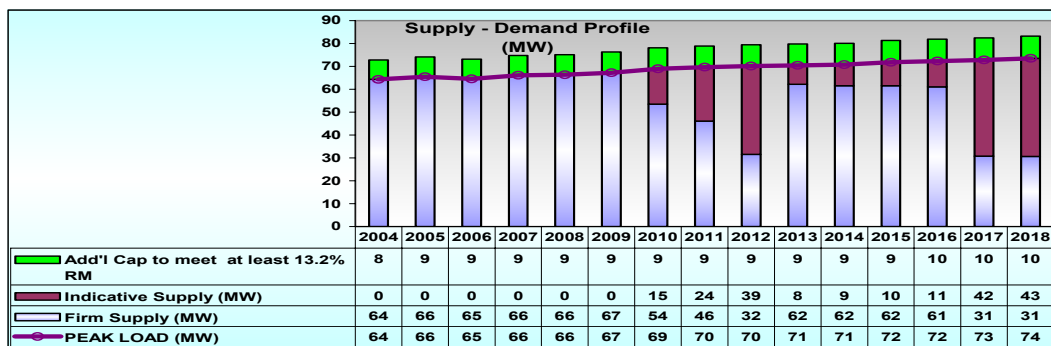
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	66,387	68,909	70,962	73,063	75,211	77,091	79,018	80,994	83,019	85,094	3%
Commercial	8,061	8,436	8,829	9,429	9,595	9,961	10,341	10,733	11,142	11,565	4%
Industrial	212	218	225	233	241	250	259	269	278	269	3%
Others	157	161	162	165	168	171	172	175	178	181	2%
<b>Total</b>	<b>74,817</b>	<b>77,724</b>	<b>80,178</b>	<b>82,890</b>	<b>85,215</b>	<b>87,473</b>	<b>89,790</b>	<b>92,171</b>	<b>94,617</b>	<b>97,109</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	126,459	130,363	134,500	138,886	143,174	147,469	151,893	156,450	161,143	165,977	3%
Commercial	90,755	93,895	97,176	101,137	105,283	109,443	113,807	118,384	123,429	128,740	4%
Industrial	216,860	224,790	234,953	245,681	256,934	268,385	280,445	293,133	306,730	321,083	5%
Others	3,995	4,060	4,154	4,256	4,364	4,476	4,549	4,627	4,709	4,791	4%
<b>Total</b>	<b>438,069</b>	<b>453,108</b>	<b>470,783</b>	<b>489,960</b>	<b>509,755</b>	<b>529,773</b>	<b>550,694</b>	<b>572,594</b>	<b>596,011</b>	<b>620,591</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	13	23	16	14	18	22	22	22	22	22	193
Expansion(ckt-km)	11	8	10	11	16	17	17	17	17	17	139
Rehabilitation(ckt-km)	2	16	6	3	2	5	5	5	5	5	54
Substation Capacity (MVA)	40										40
Reactive Power Compensation Plan (MVAr)			1		1	1	1	1	1	1	5
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	13	32	12	11	15	14	15	16	17	17	162
Expansion	11	10	8	8	14	11	12	12	13	13	112
Rehabilitation	2	21	5	2	2	3	3	4	4	4	50
Substation Projects	53										53
Electrification Projects											
<b>Total</b>	<b>66</b>	<b>32</b>	<b>12</b>	<b>11</b>	<b>15</b>	<b>14</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>215</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	78	78	84	84	84	84	84	84	84	84	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>78</b>	<b>78</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	
<b>Household Level (%)</b>	<b>93%</b>	<b>93%</b>	<b>94%</b>	<b>94%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No. of Households Electrified (On-Grid)	78	78	84	84	84	84	84	84	84	84	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>78</b>	<b>78</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	<b>84</b>	

Franchise Coverage:

San Fernando City, Pampanga and Floridablanca, Pampanga.

## Angeles Electric Corporation, Inc. (AEC)

General Information	
Location	Don Juan cor. Dona Teresa Ave., Nepo Mart
Contact Person	Engr. Geromin T. Nepomuceno, Jr.
Position	President
Tel. No:	(045) 888-2888/(045) 322-8311
Fax No:	(045) 636-6494
E-mail Address	aec_engg@mozcom.com
Coverage Area	62.17 sq.km.
No. of barangays	33
Franchise Population	



SUPPLY HIGHLIGHTS																						
<b>No. of Customers</b>																						
Residential	72,189	74,073	76,006	77,990	80,026	82,115	84,258	86,457	88,714	91,029											AAGR	
Commercial	10,555	10,766	10,981	11,201	11,425	11,654	11,887	12,124	12,367	12,614												2%
Industrial	886	895	904	913	922	931	941	950	959	969												1%
Others	591	597	603	609	615	621	627	633	640	646												1%
<b>Total</b>	<b>84,221</b>	<b>86,331</b>	<b>88,494</b>	<b>90,713</b>	<b>92,988</b>	<b>95,321</b>	<b>97,713</b>	<b>100,164</b>	<b>102,680</b>	<b>105,258</b>												3%
<b>Energy Sales per Customer Type (MWh)</b>																						
Residential	160,421	162,346	164,619	167,194	169,815	172,362	174,893	177,239	179,614	182,019												1%
Commercial	167,337	170,047	172,683	175,058	177,680	180,434	183,275	186,390	189,559	192,782												2%
Industrial	7,315	7,351	7,387	7,450	7,487	7,562	7,637	7,706	7,776	7,846												0%
Others	5,836	5,909	5,968	6,030	6,098	6,150	6,212	6,274	6,337	6,400												1%
<b>Total</b>	<b>340,908</b>	<b>345,653</b>	<b>350,657</b>	<b>355,733</b>	<b>361,080</b>	<b>366,508</b>	<b>372,017</b>	<b>377,609</b>	<b>383,285</b>	<b>389,046</b>												1%
<b>Projected Infrastructure Requirements</b>																						
Distribution/Sub-transmission Facilities	42	24	14	5	5	5	5	5	5	5												115
Expansion(ckt-km)	24	24	10	5	5	5	5	5	5	5												92
Rehabilitation(ckt-km)	19		5																			23
Substation Capacity (MVA)			40																			40
Reactive Power Compensation Plan (MVAr)	2	2	2	2	2	2	2	2	2	2												15
<b>Capital Investment Requirements(in Million PhP)</b>																						
Distribution/Subtransmission Facilities	44	44	17																			104
Expansion	24	44	11																			79
Rehabilitation	19		5																			25
Substation Projects			60	60																		181
Electrification Projects	18	14	14	14	14	14	14	14	14	14												144
<b>Total</b>	<b>62</b>	<b>58</b>	<b>91</b>	<b>74</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>												428
<b>Level of Electrification</b>																						
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>							
No of Barangays Electrified (On-Grid)	33	33	33	33	33	33	33	33	33	33												33
No. of Barangays Electrified (Off-Grid)																						
<b>Total</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>	<b>33</b>												33
<b>Household Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>							
No. of Households Electrified (On-Grid)	72,189	74,073	76,006	77,990	80,026	82,115	84,258	86,457	88,714	91,029												
No. of Households Electrified (Off-Grid)																						
<b>Total</b>	<b>72,189</b>	<b>74,073</b>	<b>76,006</b>	<b>77,990</b>	<b>80,026</b>	<b>82,115</b>	<b>84,258</b>	<b>86,457</b>	<b>88,714</b>	<b>91,029</b>												

Franchise Coverage:

Angeles City

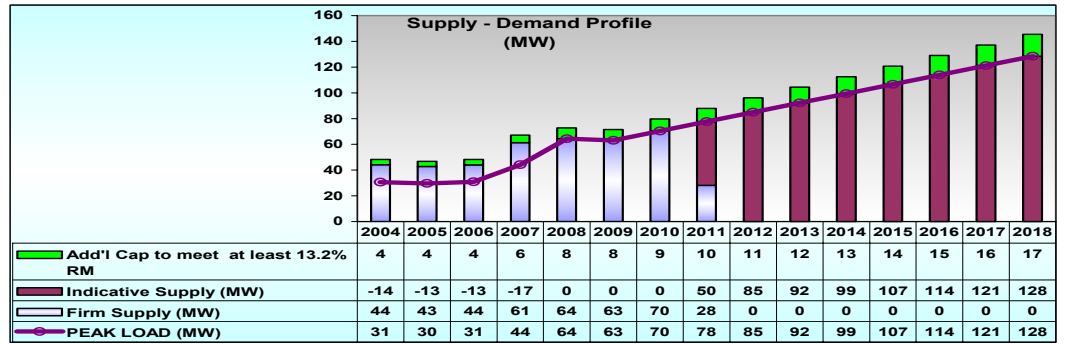


## Subic Enerzone Corporation (SEZ)

General Information	
Location	Canal Road Corner Labitan St., Subic Bay Freeport
Contact Person	Engr. Dante T. Pollescas
Position	Vice President and General Manager
Tel. No:	(047) 252-7392
Fax No:	(047) 252-7397
E-mail Address	dpollescas@aboitiz.com
Coverage Area	675.04 sq. kms
No. of barangays	
Franchise Population	

### SUPPLY HIGHLIGHTS

Subic Enerzone Corporation is a utility company operating in Subic Bay Freeport Zone, which is an economic zone. SEZ started its operation last Oct. 2003 and its load is composed of 4.52% is Industrial Customer, 31.34% is Commercial Customers, 58% is Residential Customers and 6% is Streetlights. All energy supply needed is purchase from NPC and Mirant Philippines but SEZ has ended its contract with Mirant the utility now purchases energy to NPC only.



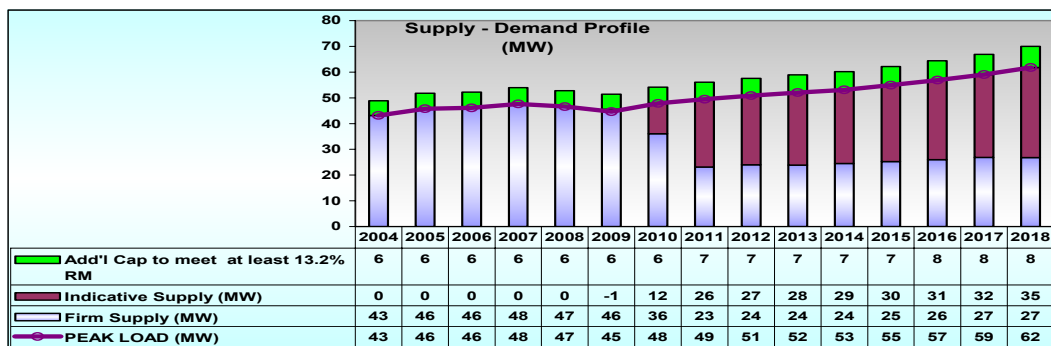
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	1,606	1,649	1,692	1,734	1,777	1,820	1,863	1,906	1,949	1,992	3%
Commercial	852	877	904	931	959	987	1,017	1,048	1,079	1,111	3%
Industrial	101	110	119	128	138	147	156	165	174	183	7%
Others	132	147	162	177	193	208	223	238	253	268	9%
<b>Total</b>	<b>2,691</b>	<b>2,783</b>	<b>2,877</b>	<b>2,971</b>	<b>3,066</b>	<b>3,162</b>	<b>3,259</b>	<b>3,356</b>	<b>3,455</b>	<b>3,554</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	14,355	14,920	15,485	16,050	16,615	17,180	17,745	18,310	18,875	19,441	4%
Commercial	51,413	52,623	53,833	55,043	56,253	57,463	58,673	59,883	61,093	62,303	2%
Industrial	224,026	252,383	280,740	309,097	337,454	365,811	394,168	422,525	450,882	479,239	8%
Others	2,051	2,094	2,137	2,180	2,223	2,265	2,308	2,351	2,394	2,437	1%
<b>Total</b>	<b>291,845</b>	<b>322,020</b>	<b>352,195</b>	<b>382,370</b>	<b>412,545</b>	<b>442,720</b>	<b>472,895</b>	<b>503,070</b>	<b>533,245</b>	<b>563,420</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	4	7	1	3	2	2	13	1	3		36
Expansion(ckt-km)	3	7	1	1	2	2	13	1	1		31
Rehabilitation(ckt-km)	1			2					2		5
Substation Capacity (MVA)									10		10
Reactive Power Compensation Plan (MVAr)	2	1	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	7
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	3	1	42	3	3	2	1	1	3	1	62
Expansion	2	1	42	1	3	2	1	1	1		56
Rehabilitation	1			2					2	1	7
Substation Projects								10			10
Electrification Projects											
<b>Total</b>	<b>3</b>	<b>1</b>	<b>42</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>11</b>	<b>3</b>	<b>1</b>	<b>72</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>											
No of Barangays Electrified (On-Grid)											
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>											
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

Franchise Coverage:

The whole area of Subic Bay Free Port Zone

## Tarlac Electric Incorporated (TEI)

General Information	
Location	123 Mabini Street, Tarlac City, Tarlac
Contact Person	Vivencio M. Romero Jr.
Position	President/General Manger
Tel. No:	(045) 982-3411
Fax No:	(045) 982-3411
E-mail Address	monchito@mozcom.com
Coverage Area	
No. of barangays	76
Franchise Population	



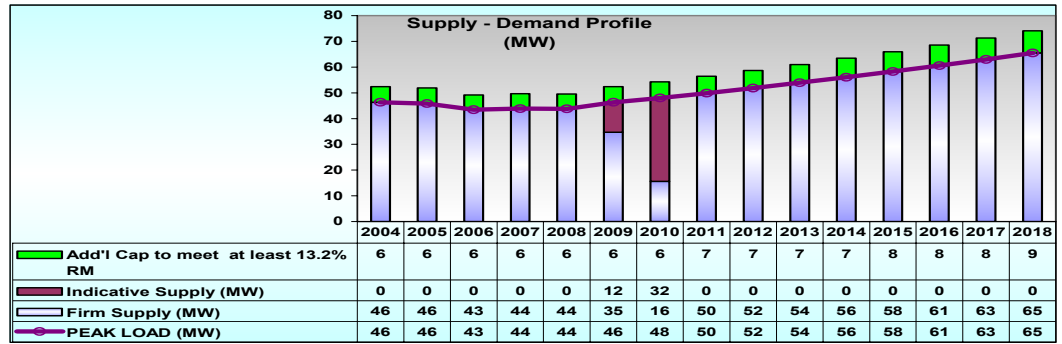
SUPPLY HIGHLIGHTS												
<b>No. of Customers</b>		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential		55,960	57,639	59,368	61,149	62,983	64,873	66,819	68,824	70,888	73,015	3%
Commercial		3,118	3,221	3,337	3,463	3,588	3,717	3,851	3,990	4,133	4,282	4%
Industrial		23	23	24	25	26	27	28	29	30	31	3%
Others		70	73	76	79	83	87	92	97	102	108	5%
<b>Total</b>		<b>59,171</b>	<b>60,956</b>	<b>62,805</b>	<b>64,716</b>	<b>66,680</b>	<b>68,704</b>	<b>70,790</b>	<b>72,940</b>	<b>75,153</b>	<b>77,436</b>	<b>3%</b>
<b>Energy Sales per Customer Type (MWh)</b>		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential		80,629	82,980	85,401	87,963	90,602	93,320	97,052	100,935	104,972	110,221	3%
Commercial		36,046	37,096	38,176	39,322	40,501	41,716	42,968	44,687	46,474	48,333	3%
Industrial		33,850	37,940	39,078	40,251	41,458	43,117	44,841	46,635	48,967	51,415	2%
Others		47,226	56,337	60,190	61,911	63,685	65,555	67,963	70,472	73,585	76,971	5%
<b>Total</b>		<b>197,751</b>	<b>214,353</b>	<b>222,845</b>	<b>229,447</b>	<b>236,246</b>	<b>243,708</b>	<b>252,824</b>	<b>262,729</b>	<b>273,998</b>	<b>286,940</b>	<b>3%</b>
<b>Projected Infrastructure Requirements</b>		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities		31	17	27	17	16	16	11	20	20	20	195
Expansion(ckt-km)		25	17	27	17	16	16	11	20	20	20	189
Rehabilitation(ckt-km)		6										6
Substation Capacity (MVA)		20										20
Reactive Power Compensation Plan (MVAr)		1	1	1	1	1	1	1	1	1	1	9
<b>Capital Investment Requirements(in Million PhP)</b>		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities		63	18	46	26	24	24	21	29	29	29	308
Expansion		51	18	46	26	24	24	21	29	29	29	296
Rehabilitation		12										12
Substation Projects		71	43	32	28	7	7	7	7	7	7	216
Electrification Projects												
<b>Total</b>		<b>134</b>	<b>61</b>	<b>78</b>	<b>54</b>	<b>31</b>	<b>31</b>	<b>28</b>	<b>36</b>	<b>36</b>	<b>36</b>	<b>525</b>
<b>Level of Electrification</b>		2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>		<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)		76	76	76	76	76	76	76	76	76	76	
No. of Barangays Electrified (Off-Grid)												
<b>Total</b>		<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	<b>76</b>	
<b>Household Level (%)</b>		<b>95%</b>	<b>96%</b>	<b>96%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>98%</b>	<b>98%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)		55,960	57,639	59,368	61,149	62,983	64,873	66,819	68,824	70,888	73,015	
No. of Households Electrified (Off-Grid)												
<b>Total</b>		<b>55,960</b>	<b>57,639</b>	<b>59,368</b>	<b>61,149</b>	<b>62,983</b>	<b>64,873</b>	<b>66,819</b>	<b>68,824</b>	<b>70,888</b>	<b>73,015</b>	

Franchise Coverage:

Tarlac City, Capital of Tarlac Province.

## Dagupan Electric Corporation, Inc. (DECORP)

General Information	
Location	Suite 300, Veria Building, #62 West Avenue,
Contact Person	Deon P. James
Position	Chief Executive Officer
Tel. No:	(02) 374-2134, 374-3039
Fax No:	(02) 371-4683
E-mail Address	
Coverage Area	
No. of barangays	153
Franchise Population	
SUPPLY HIGHLIGHTS	



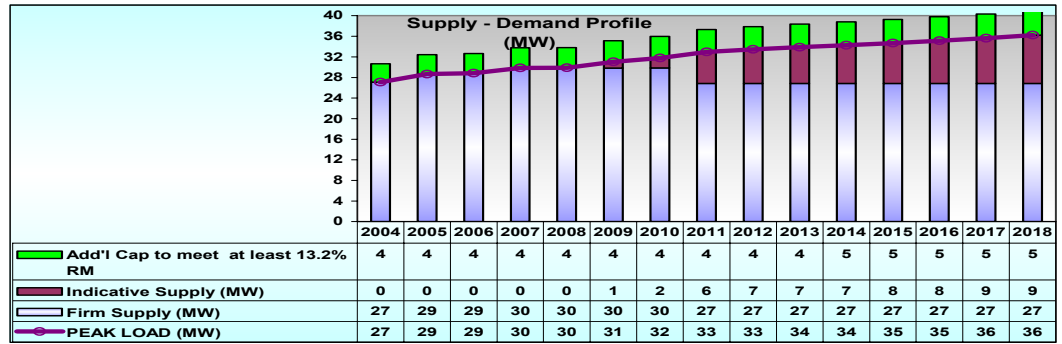
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	77,828	79,515	83,371	85,710	88,496	91,353	94,283	97,288	100,369	103,528	3%
Commercial	8,469	8,796	9,056	9,323	9,598	9,882	10,174	10,474	10,783	11,102	3%
Industrial	7	8	11	11	11	11	11	11	11	11	5%
Others	41	42	42	42	42	42	42	42	42	42	0.2%
<b>Total</b>	<b>86,345</b>	<b>88,361</b>	<b>92,480</b>	<b>95,086</b>	<b>98,147</b>	<b>101,288</b>	<b>104,510</b>	<b>107,815</b>	<b>111,205</b>	<b>114,683</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	108,310	112,101	116,025	122,343	128,403	134,183	139,659	144,805	149,594	153,997	5%
Commercial	78,396	82,407	87,265	91,252	95,439	99,835	104,451	109,297	114,386	119,729	4%
Industrial	35,088	36,759	36,759	36,759	36,759	36,759	36,759	36,759	36,759	36,759	1%
Others	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	2,480	0%
<b>Total</b>	<b>224,274</b>	<b>233,747</b>	<b>242,529</b>	<b>252,834</b>	<b>263,081</b>	<b>273,257</b>	<b>283,349</b>	<b>293,341</b>	<b>303,219</b>	<b>312,965</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	46	31	14	14	14	14	14	14	14	14	189
Expansion(ckt-km)	37	14	14	14	14	14	14	14	14	14	163
Rehabilitation(ckt-km)	10	17									27
Substation Capacity (MVA)	25				25						50
Reactive Power Compensation Plan (MVAr)	1	1	1	1	1	1	1	1	1	1	7
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	56	26	15	15	9	9	9	9	9	9	167
Expansion	44	12	15	15	9	9	9	9	9	9	141
Rehabilitation	12	14									26
Substation Projects	62				62						125
Electrification Projects											
<b>Total</b>	<b>118</b>	<b>26</b>	<b>15</b>	<b>15</b>	<b>71</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>292</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	153	153	153	153	153	153	153	153	153	153	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	<b>153</b>	
<b>Household Level (%)</b>	<b>87%</b>	<b>88%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	<b>94%</b>	<b>95%</b>	<b>96%</b>	<b>98%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	79,594	82,208	84,889	87,638	90,458	93,350	96,315	99,355	102,472	105,668	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>79,594</b>	<b>82,208</b>	<b>84,889</b>	<b>87,638</b>	<b>90,458</b>	<b>93,350</b>	<b>96,315</b>	<b>99,355</b>	<b>102,472</b>	<b>105,668</b>	

Franchise Coverage:

1 City (Dagupan) and 5 Municipalities (Calasiao, Sta. Barbara, San Fabian, San Jacinto, and Manaoag)

## Cabanatuan Electric Corporation, Inc. (CELCOR)

General Information	
Location	Maharlika Highway, Bitas, Cabanatuan City
Contact Person	Engr. Rommel R. Hernal
Position	Operation Manager
Tel. No:	(044) 463-5220 , (044) 463-0505
Fax No:	(044) 463-1052
E-mail Address	CELCOR@eudoramail.com
Coverage Area	268.6 sq.km.
No. of barangays	89
Franchise Population	



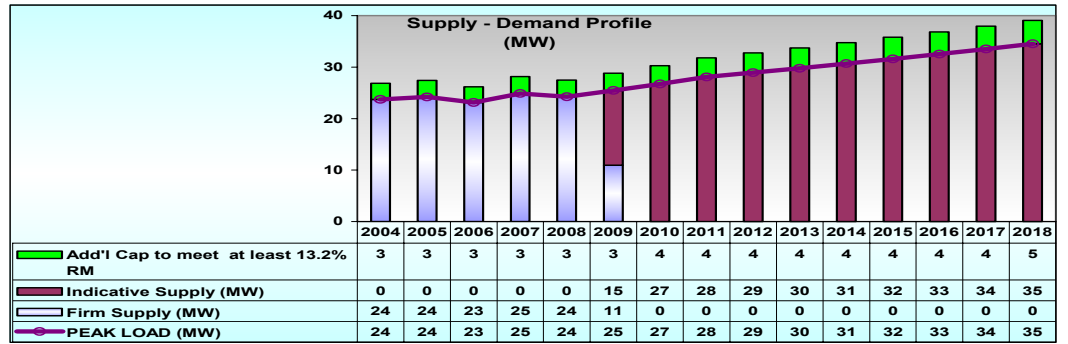
SUPPLY HIGHLIGHTS																						
<b>No. of Customers</b>																						
Residential	45,863	49,907	47,677	48,495	49,319	48,734	49,447	49,680	49,801	49,800												
Commercial	6,851	6,965	7,021	6,971	6,876	6,841	6,909	7,025	7,082	8,002												
Industrial	50	52	55	55	55	55	55	55	55	55												
Others	419	450	482	489	522	526	591	657	737	847												
<b>Total</b>	<b>53,183</b>	<b>57,374</b>	<b>55,235</b>	<b>56,010</b>	<b>56,772</b>	<b>56,156</b>	<b>57,002</b>	<b>57,417</b>	<b>57,675</b>	<b>58,704</b>												
<b>Energy Sales per Customer Type (MWh)</b>																						
Residential	62,926	62,904	62,947	62,954	63,087	63,097	63,119	63,194	63,208	63,283												
Commercial	64,229	65,678	69,804	71,267	72,770	74,224	75,594	76,998	78,447	80,166												
Industrial	7,363	7,624	8,922	9,373	9,907	10,541	11,295	12,193	13,265	14,544												
Others	8,106	8,924	9,715	9,754	9,793	9,832	9,872	9,912	9,952	9,993												
<b>Total</b>	<b>142,623</b>	<b>145,130</b>	<b>151,387</b>	<b>153,348</b>	<b>155,556</b>	<b>157,694</b>	<b>159,880</b>	<b>162,297</b>	<b>164,872</b>	<b>167,987</b>												
<b>Projected Infrastructure Requirements</b>																						
Distribution/Sub-transmission Facilities	12	18	18	20	23																91	
<i>Expansion(ckt-km)</i>	4	10	10	10	10																44	
<i>Rehabilitation(ckt-km)</i>	9	8	8	10	13																47	
Substation Capacity (MVA)																						0
Reactive Power Compensation Plan (MVAr)																						0
<b>Capital Investment Requirements(in Million PhP)</b>																						
Distribution/Subtransmission Facilities	10	10	10	10	10																50	
<i>Expansion</i>	3	6	6	5	4																24	
<i>Rehabilitation</i>	7	4	4	5	6																26	
Substation Projects																						0
Electrification Projects																						0
<b>Total</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>10</b>																	50
<b>Level of Electrification</b>																						
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No of Barangays Electrified (On-Grid)	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	88	
No. of Barangays Electrified (Off-Grid)																						
<b>Total</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	<b>88</b>	
<b>Household Level (%)</b>																						
No. of Households Electrified (On-Grid)																						
No. of Households Electrified (Off-Grid)																						
<b>Total</b>																						

Franchise Coverage:

CELCOR holds the franchise to distribute electricity in the City of Cabanatuan.

## La Union Electric Company, Inc. (LUECO)

General Information	
Location	Quezon Avenue, San Fernando City, La Union,
Contact Person	Bernardo L. Valero
Position	Executive Vice President, COO
Tel. No:	(07) 700-5205
Fax No:	(072) 242-1237
E-mail Address	lucco@sflu.com
Coverage Area	
No. of barangays	139
Franchise Population	
SUPPLY HIGHLIGHTS	



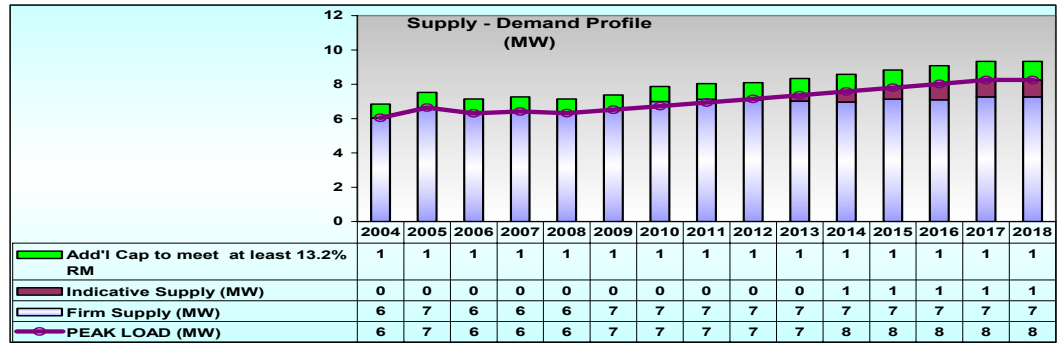
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	31,934	32,892	33,879	34,895	35,942	37,020	38,131	39,275	40,453	41,667	3%
Commercial	4,297	4,426	4,559	4,696	4,836	4,982	5,131	5,285	5,444	5,607	3%
Industrial	16	17	18	19	20	21	23	24	25	27	6%
Others	60	70	64	71	68	72	72	73	76	74	3%
<b>Total</b>	<b>36,307</b>	<b>37,405</b>	<b>38,520</b>	<b>39,681</b>	<b>40,867</b>	<b>42,095</b>	<b>43,357</b>	<b>44,657</b>	<b>45,998</b>	<b>47,374</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	53,062	55,715	58,501	60,256	62,063	63,925	65,843	67,818	69,853	71,948	4%
Commercial	44,496	46,721	49,057	50,529	52,044	53,606	55,214	56,870	58,576	60,334	4%
Industrial	15,562	16,340	17,157	17,672	18,202	18,748	19,311	19,890	20,487	21,101	4%
Others	5,706	5,991	6,291	6,480	6,674	6,874	7,081	7,293	7,512	7,737	4%
<b>Total</b>	<b>118,826</b>	<b>124,767</b>	<b>131,006</b>	<b>134,936</b>	<b>138,984</b>	<b>143,153</b>	<b>147,448</b>	<b>151,871</b>	<b>156,427</b>	<b>161,120</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	0.3	1	1	1	1	1	1	1	1	1	10
<i>Expansion(ckt-km)</i>	0.3	1	1	1	1	1	1	1	1	1	10
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)					15						15
Reactive Power Compensation Plan (MVAr)	1	1									2
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	18	24	25	21	18	12	19	28	24	18	207
<i>Expansion</i>	18	24	25	21	18	12	19	28	24	18	207
<i>Rehabilitation</i>											
Substation Projects	1	8	14	6	20	15	10	1	5	5	85
Electrification Projects											
<b>Total</b>	<b>19</b>	<b>32</b>	<b>39</b>	<b>27</b>	<b>38</b>	<b>27</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>23</b>	<b>292</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	90	91	92	93	94	95	96	97	98	99	
No. of Barangays Electrified (Off-Grid)	49	48	47	46	45	44	43	42	41	40	
<b>Total</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	<b>139</b>	
<b>Household Level (%)</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	<b>0%</b>	
No. of Households Electrified (On-Grid)	31,934	32,892	33,879	34,895	35,942	37,020	38,131	39,275	40,453	41,667	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>31,934</b>	<b>32,892</b>	<b>33,879</b>	<b>34,895</b>	<b>35,942</b>	<b>37,020</b>	<b>38,131</b>	<b>39,275</b>	<b>40,453</b>	<b>41,667</b>	

Franchise Coverage:

1 City (San Fernando) and 2 Municipalities (Bauang and San Juan).

## Bauan Electric Light System(BELS)/ First Bay Power (FBPC) Corp

General Information	
Location	Kapitan Ponso st. Ext. Poblacion Bauan Batangas
Contact Person	Ray Florence T. Reyes
Position	General Manager
Tel. No:	(043) 727-3441
Fax No:	(043) 727-3351
E-mail Address	rftr@yahoo.com.ph
Coverage Area	
No. of barangays	40
Franchise Population	
SUPPLY HIGHLIGHTS	



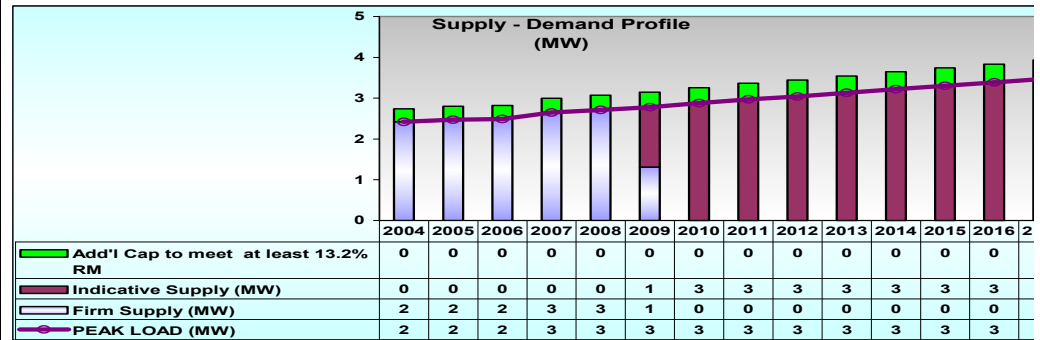
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	17,803	18,259	18,714	19,170	19,625	20,081	20,536	20,991	21,447	21,932	2%
Commercial	1,228	1,248	1,268	1,288	1,308	1,328	1,348	1,368	1,388	1,409	2%
Industrial											
Others	200	196	191	187	182	178	173	169	164	159	-2.5%
<b>Total</b>	<b>19,231</b>	<b>19,703</b>	<b>20,173</b>	<b>20,645</b>	<b>21,115</b>	<b>21,587</b>	<b>22,057</b>	<b>22,528</b>	<b>22,999</b>	<b>23,500</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	19,146	20,068	20,990	21,912	22,834	23,756	24,678	25,600	26,522	27,504	4%
Commercial	6,672	5,912	5,238	4,641	4,112	3,643	3,228	2,860	2,534	1,822	-13%
Industrial											
Others	6,108	5,676	5,246	4,814	4,384	3,952	3,522	3,090	2,660	2,200	-10%
<b>Total</b>	<b>31,926</b>	<b>31,656</b>	<b>31,474</b>	<b>31,367</b>	<b>31,330</b>	<b>31,351</b>	<b>31,428</b>	<b>31,550</b>	<b>31,716</b>	<b>31,526</b>	<b>0%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	5	0	0	0	0	0	0	0	0	0	5
<i>Expansion(ckt-km)</i>	0	0	0	0	0	0	0	0	0	0	0
<i>Rehabilitation(ckt-km)</i>	5	0	0	0	0	0	0	0	0	0	5
Substation Capacity (MVA)	0	8	0	0	0	0	0	0	0	0	8
Reactive Power Compensation Plan (MVAr)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	18	18	18								54
<i>Expansion</i>											
<i>Rehabilitation</i>	18	18	18								54
Substation Projects											
Electrification Projects											
<b>Total</b>	<b>18</b>	<b>18</b>	<b>18</b>								<b>54</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	40	40	40	40	40	40	40	40	40	40	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	
<b>Household Level (%)</b>											
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)											
<b>Total</b>											

Franchise Coverage:

Bauan, Batangas.

## Ibaan Electric & Engineering Corporation (IEEC)

General Information	
Location	Don Pedro Subd., Ibaan, Batangas
Contact Person	Gerald Niel Katigbak
Position	General Manager
Tel. No:	(043) 311-1231
Fax No:	(043) 311-1231
E-mail Address	ibaan_electric@yahoo.com
Coverage Area	
No. of barangays	28
Franchise Population	



SUPPLY HIGHLIGHTS													
<b>No. of Customers</b>													
Residential	9,295	9,577	9,888	10,193	10,520	10,843	11,140	11,461	11,778	12,094			
Commercial	559	567	570	571	573	572	577	578	579	581			
Industrial	39	40	45	49	55	61	64	69	74	79			
Others	72	72	72	73	75	75	76	77	79	80			
<b>Total</b>	<b>9,964</b>	<b>10,257</b>	<b>10,575</b>	<b>10,885</b>	<b>11,223</b>	<b>11,552</b>	<b>11,858</b>	<b>12,186</b>	<b>12,510</b>	<b>12,834</b>			
<b>Energy Sales per Customer Type (MWh)</b>													
Residential	9,803	10,053	10,330	10,486	10,661	10,911	11,102	11,289	11,504	11,713			
Commercial	3,434	3,547	3,675	3,754	3,817	3,937	4,023	4,104	4,199	4,296			
Industrial	1,998	2,159	2,240	2,339	2,547	2,640	2,766	2,913	3,051	3,168			
Others	448	467	498	528	540	570	595	617	640	667			
<b>Total</b>	<b>15,683</b>	<b>16,226</b>	<b>16,744</b>	<b>17,106</b>	<b>17,566</b>	<b>18,058</b>	<b>18,486</b>	<b>18,923</b>	<b>19,394</b>	<b>19,842</b>			
<b>Projected Infrastructure Requirements</b>													
Distribution/Sub-transmission Facilities													
<i>Expansion(ckt-km)</i>													
<i>Rehabilitation(ckt-km)</i>													
Substation Capacity (MVA)													
Reactive Power Compensation Plan (MVAr)													
<b>Capital Investment Requirements(in Million PhP)</b>													
Distribution/Subtransmission Facilities													
<i>Expansion</i>													
<i>Rehabilitation</i>													
Substation Projects													
Electrification Projects													
<b>Total</b>													
<b>Level of Electrification</b>													
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>
No of Barangays Electrified (On-Grid)	28	28	28	28	28	28	28	28	28	28	28	28	28
No. of Barangays Electrified (Off-Grid)													
<b>Total</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>28</b>
<b>Household Level (%)</b>	<b>68%</b>	<b>69%</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	<b>74%</b>	<b>76%</b>	<b>77%</b>	<b>78%</b>	<b>79%</b>			
No. of Households Electrified (On-Grid)	8,790	9,030	9,288	9,403	9,534	9,688	9,840	10,002	10,129	10,285			
No. of Households Electrified (Off-Grid)													
<b>Total</b>	<b>8,790</b>	<b>9,030</b>	<b>9,288</b>	<b>9,403</b>	<b>9,534</b>	<b>9,688</b>	<b>9,840</b>	<b>10,002</b>	<b>10,129</b>	<b>10,285</b>			

Franchise Coverage:

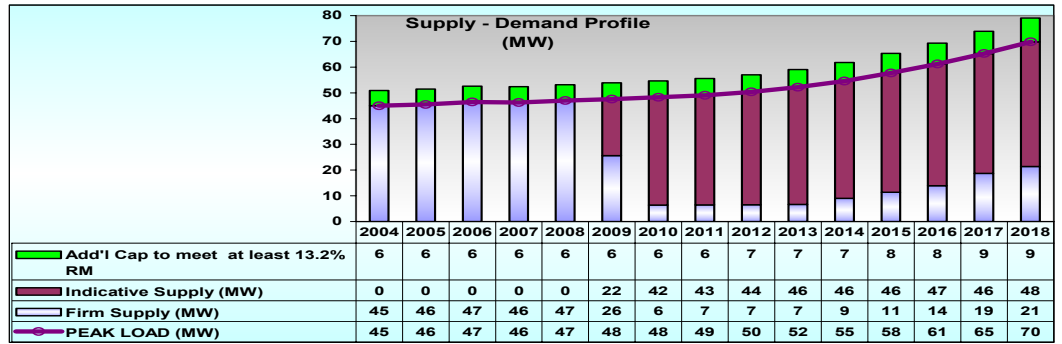
*Municipality of Ibaan, Batangas*

# REGION 1 ELECTRIC COOPERATIVES



## Central Pangasinan Electric Cooperative, Inc. (CENPELCO)

General Information	
Location	Padilla St., San Carlos City, Pangasinan
Contact Person	Edgardo R. Plamonte
Position	Executive Officer/PS
Tel. No:	(075) 532-2222, local 201
Fax No:	(075) 955-5499/(075) 532-3146
E-mail Address	
Coverage Area	
No. of barangays	553
Franchise Population	
SUPPLY HIGHLIGHTS	
Ninety percent (90%) of power supply comes from NPC thru a bilateral contract and the remaining 10% comes from the WESM.	



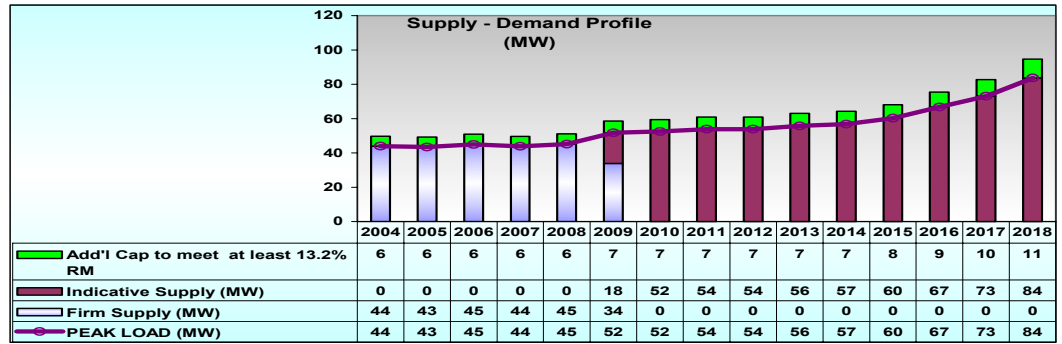
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	145,180	148,767	153,384	158,102	163,132	168,520	174,464	181,194	188,805	197,494	3%
Commercial	7,241	7,545	7,881	8,246	8,647	9,088	9,575	10,112	10,709	11,372	5%
Industrial	116	117	119	120	121	123	124	125	126	128	1%
Others	2,189	2,191	2,197	2,199	2,201	2,203	2,204	2,205	2,206	2,207	0.3%
<b>Total</b>	<b>154,727</b>	<b>158,621</b>	<b>163,580</b>	<b>168,667</b>	<b>174,101</b>	<b>179,934</b>	<b>186,367</b>	<b>193,637</b>	<b>201,846</b>	<b>211,200</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	144,626	150,635	157,199	166,102	175,941	188,677	204,928	223,327	244,280	268,352	7%
Commercial	34,830	36,925	39,280	41,934	44,934	48,337	52,210	56,633	61,704	67,542	7%
Industrial	4,691	4,803	4,918	5,036	5,158	5,284	5,412	5,544	5,679	5,819	2%
Others	15,458	16,033	16,630	17,252	17,898	18,733	19,609	20,529	21,495	22,509	4%
<b>Total</b>	<b>199,604</b>	<b>208,395</b>	<b>218,027</b>	<b>230,324</b>	<b>243,932</b>	<b>261,031</b>	<b>282,158</b>	<b>306,032</b>	<b>333,158</b>	<b>364,222</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	96	12	44	24	12	8	8	8	8	7	226
<i>Expansion(ckt-km)</i>	85	1	33	13	5						137
<i>Rehabilitation(ckt-km)</i>	11	11	11	11	8	8	8	8	8	7	88
Substation Capacity (MVA)	15		10								25
Reactive Power Compensation Plan (MVAr)	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03		0.2
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	153	46	79	43	30	14	14	14	14	14	418
<i>Expansion</i>	136	5	58	23	12						235
<i>Rehabilitation</i>	17	40	20	20	18	14	14	14	14	14	183
Substation Projects	45	27	52								124
Electrification Projects	31	23	25	25	28	31	22	25	28	31	269
<b>Total</b>	<b>230</b>	<b>96</b>	<b>156</b>	<b>68</b>	<b>58</b>	<b>44</b>	<b>35</b>	<b>38</b>	<b>41</b>	<b>45</b>	<b>811</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	552	552	552	552	552	552	552	552	552	552	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	<b>553</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	<b>85%</b>	<b>86%</b>	<b>88%</b>	
No. of Households Electrified (On-Grid)	143,230	146,382	149,924	153,915	158,426	163,538	169,343	175,955	183,512	192,182	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>143,230</b>	<b>146,382</b>	<b>149,924</b>	<b>153,915</b>	<b>158,426</b>	<b>163,538</b>	<b>169,343</b>	<b>175,955</b>	<b>183,512</b>	<b>192,182</b>	

Franchise Coverage:

San Carlos City, Mangaldan, Lingayen, Bugallon, Labrador, Sual, Bayambang, Malasiqui, Binmaley, Mangatarem, Aguilar, Urbiztondo, Basista, Alcala, and Bautista.

## Pangasinan III Electric Cooperative, Inc. (PANELCO III)

General Information	
Location	Nancayasan, Urdaneta City
Contact Person	Engr. Ferdinand M. Cerezo
Position	General Manager - OIC
Tel. No:	(075) 568-2413
Fax No:	(075) 568-2413
E-mail Address	panelco3@yahoo.com
Coverage Area	1,560 sq.km.
No. of barangays	426
Franchise Population	



**SUPPLY HIGHLIGHTS**

The entry of large commercial and industrial customers within the year is also anticipated and initial preparations are being drafted. These large loads are expected to have major effects to our overall operations.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	104,156	107,331	110,604	113,951	117,348	120,853	124,464	128,183	132,014	135,960	3%
Commercial	8,803	9,191	9,615	10,074	10,491	10,930	11,495	12,113	12,790	13,534	5%
Industrial	532	558	592	621	653	685	719	755	793	837	5%
Others	10,365	10,478	10,598	10,728	10,873	11,032	11,206	11,484	11,802	12,168	2%
<b>Total</b>	<b>123,856</b>	<b>127,558</b>	<b>131,408</b>	<b>135,375</b>	<b>139,365</b>	<b>143,501</b>	<b>147,884</b>	<b>152,535</b>	<b>157,399</b>	<b>162,498</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	114,996	120,572	126,456	133,480	140,871	149,160	160,925	174,741	190,961	210,016	7%
Commercial	54,178	59,995	67,502	77,070	86,667	98,668	116,917	142,140	175,456	218,456	16%
Industrial	19,751	21,165	22,957	24,878	26,973	29,474	32,771	37,132	42,484	48,777	10%
Others	11,505	12,246	13,166	14,254	15,608	17,364	19,616	23,326	28,076	34,309	12%
<b>Total</b>	<b>200,431</b>	<b>213,977</b>	<b>230,081</b>	<b>249,681</b>	<b>270,119</b>	<b>294,665</b>	<b>330,230</b>	<b>377,338</b>	<b>436,977</b>	<b>511,559</b>	<b>11%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	17	3	12	16	5	11				1	65
Expansion(ckt-km)	5			1	3	6					16
Rehabilitation(ckt-km)	12	3	12	15	2	4					48
Substation Capacity (MVA)	10					10				10	30
Reactive Power Compensation Plan (MVAr)	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03		0.2
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	70	58	70	62	57	66	53	53	53	55	597
Expansion	20			6	32	41				29	127
Rehabilitation	51	58	70	56	25	25	53	53	53	26	471
Substation Projects	24					10				24	58
Electrification Projects	52	29	24	25	28	28	26	28	31	30	300
<b>Total</b>	<b>146</b>	<b>86</b>	<b>94</b>	<b>88</b>	<b>85</b>	<b>103</b>	<b>79</b>	<b>81</b>	<b>84</b>	<b>109</b>	<b>956</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>104%</b>	<b>106%</b>	<b>108%</b>	<b>110%</b>	<b>112%</b>	<b>112%</b>	<b>112%</b>	<b>112%</b>	<b>112%</b>	<b>112%</b>	
No of Barangays Electrified (On-Grid)	441	451	460	469	478	478	478	478	478	479	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>441</b>	<b>451</b>	<b>460</b>	<b>469</b>	<b>478</b>	<b>478</b>	<b>478</b>	<b>478</b>	<b>478</b>	<b>479</b>	
<b>Household Level (%)</b>	<b>46%</b>	<b>46%</b>	<b>45%</b>	<b>44%</b>	<b>44%</b>	<b>43%</b>	<b>43%</b>	<b>42%</b>	<b>41%</b>	<b>41%</b>	
No. of Households Electrified (On-Grid)	103,982	107,102	110,315	113,624	117,033	120,544	124,160	127,885	131,722	135,674	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>103,982</b>	<b>107,102</b>	<b>110,315</b>	<b>113,624</b>	<b>117,033</b>	<b>120,544</b>	<b>124,160</b>	<b>127,885</b>	<b>131,722</b>	<b>135,674</b>	

Franchise Coverage:

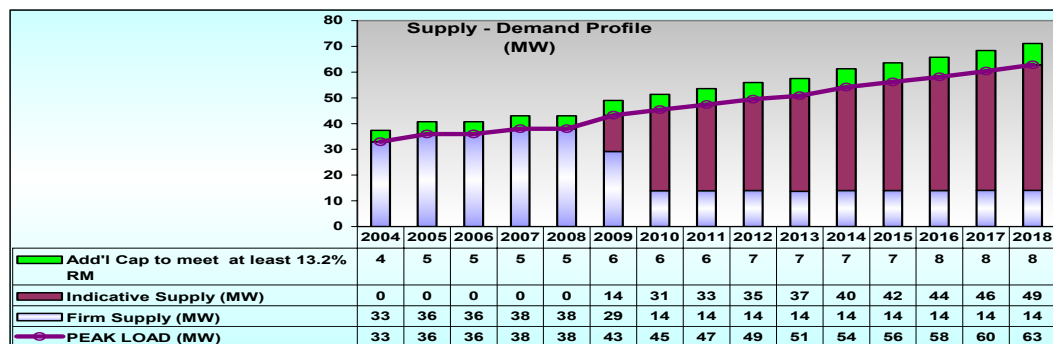
PANELCO III serves 16 municipalities and 1 city within the eastern part of the province of Pangasinan with a ratio of 100% energization. The coverage area is almost 1560 sq.km. with a total House connections of 129,667 and a registered membership of 125,488.

## Ilocos Norte Electric Cooperative, Inc. (INEC)

General Information	
Location	Suyo, Dingras, Ilocos Norte
Contact Person	Renato A. Balintec, PEE
Position	Officer-in-Charge
Tel. No:	(077) 784-7049
Fax No:	(077) 784-7125
E-mail Address	inec_engg@yahoo.com
Coverage Area	3,622 sq.km.
No. of barangays	557
Franchise Population	

### SUPPLY HIGHLIGHTS

The direct participation of INEC in the WESM gives it the flexibility to choose its power supplier on a 24/7 basis. Northwind Power has sold to INEC about 105.8 GWh from Jan '06 to Dec. '07, while WESM has sold to INEC 44.5 GWh from Jan.-Dec.'07 and NPC 91.8 GWh. By year 2010, renewables such as PNOC, UPC-Asia & ELG with a projected capacity of about 100MW on available basis will be on stream to the NGCP Grid and INEC is encouraged to buy and sell their generated output.



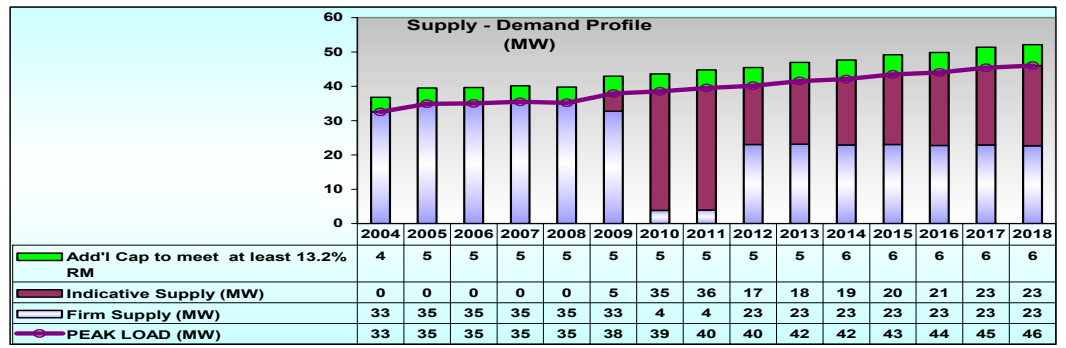
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	117,033	120,609	124,359	128,751	133,296	137,938	142,743	148,142	153,746	159,564	3%
Commercial	7,441	7,972	8,539	9,190	9,894	10,654	11,474	12,360	13,377	14,480	8%
Industrial	13	15	14	15	15	15	15	15	15	15	3%
Others	3,183	3,185	3,187	3,192	3,195	3,212	3,219	3,143	3,144	3,144	0.2%
<b>Total</b>	<b>127,670</b>	<b>131,781</b>	<b>136,099</b>	<b>141,148</b>	<b>146,399</b>	<b>151,819</b>	<b>157,450</b>	<b>163,659</b>	<b>170,281</b>	<b>177,202</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	99,024	102,891	106,801	111,312	115,939	120,690	125,577	130,988	136,587	142,382	4%
Commercial	51,398	54,275	57,275	60,574	64,146	67,954	72,023	76,380	81,372	86,753	6%
Industrial	5,549	5,633	5,599	5,600	5,600	5,601	5,601	5,600	5,600	5,599	2%
Others	30,154	33,117	35,121	37,356	39,829	42,685	42,913	42,668	42,833	42,988	11%
<b>Total</b>	<b>186,125</b>	<b>195,917</b>	<b>204,796</b>	<b>214,842</b>	<b>225,514</b>	<b>236,929</b>	<b>246,114</b>	<b>255,637</b>	<b>266,391</b>	<b>277,722</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	64	119	70	64	66	54	36	41	66	34	614
Expansion(ckt-km)	41	36	19	9	1	20	2	1	14	4	148
Rehabilitation(ckt-km)	23	83	50	54	64	34	34	41	52	30	466
Substation Capacity (MVA)	0	10	0	10	0	10	10	20	0	0	60
Reactive Power Compensation Plan (MVAr)	0.21	0.21	0.22	0.23	0.23	0.24	0.25	0.25	0.26	0.45	2.5
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	77	97	68	46	49	69	10	10	17	8	452
Expansion	49	29	19	7	1	26	0.5	0.1	4	1	137
Rehabilitation	28	67	49	40	48	43	10	9	13	7	315
Substation Projects		24		24		24	24	48			144
Electrification Projects	106	47	42	44	36	39	37	40	40	28	460
<b>Total</b>	<b>183</b>	<b>168</b>	<b>110</b>	<b>114</b>	<b>85</b>	<b>132</b>	<b>71</b>	<b>97</b>	<b>57</b>	<b>37</b>	<b>1,055</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	557	557	557	557	557	557	557	557	557	557	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	<b>557</b>	
<b>Household Level (%)</b>	<b>93%</b>	<b>93%</b>	<b>94%</b>	<b>94%</b>	<b>95%</b>	<b>95%</b>	<b>96%</b>	<b>97%</b>	<b>98%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	116,818	120,323	123,933	128,270	132,761	137,409	142,218	147,623	153,232	159,055	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>116,818</b>	<b>120,323</b>	<b>123,933</b>	<b>128,270</b>	<b>132,761</b>	<b>137,409</b>	<b>142,218</b>	<b>147,623</b>	<b>153,232</b>	<b>159,055</b>	

### Franchise Coverage:

Whole Province of Ilocos Norte (22 Municipalities & 1 City) Adams, Pagudpud, Bangui, Dumalneg, Burgos, Pasuquin, Bacarra, Vintar, Sarrat, Piddig, Carasi, Solsona, Dingras, Marcos, Banna, Nueva Era, San Nicolas, Batac, Paoy, Currimao, Pinili, Badoc and Laoa.

## Ilocos Sur Electric Cooperative, Inc. (ISECO)

General Information	
Location	Bigbiga, Santiago, Ilocos Sur
Contact Person	Cesar G. Gironella
Position	General Manager
Tel. No:	(077) 742-4147 / 742-6175
Fax No:	(077) 742-6175 / 742-5036
E-mail Address	
Coverage Area	
No. of barangays	768
Franchise Population	
SUPPLY HIGHLIGHTS	
TSC contract with NPC will be renewed for CY 2009 and by 2010 WESM will be the major supply of power, among others. In CY 2011, there is a bilateral contract with BGNPI. ISECO will be constructing a 5 MVA substation in CY 2009.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	121,771	126,416	131,078	135,762	140,475	145,212	149,938	154,691	159,476	164,288	3%
Commercial	6,276	6,491	6,705	6,920	7,135	7,350	7,565	7,781	7,996	8,211	3%
Industrial	42	43	44	45	46	46	47	48	49	50	2%
Others	2,604	2,693	2,778	2,866	2,952	3,040	3,127	3,215	3,303	3,392	3%
<b>Total</b>	<b>130,693</b>	<b>135,643</b>	<b>140,604</b>	<b>145,593</b>	<b>150,607</b>	<b>155,649</b>	<b>160,677</b>	<b>165,734</b>	<b>170,823</b>	<b>175,941</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	104,976	107,608	110,189	112,947	115,693	118,191	120,652	122,863	125,009	127,047	2%
Commercial	34,431	36,145	37,897	39,700	41,547	43,442	45,383	47,374	49,413	51,402	5%
Industrial	2,934	3,160	3,402	3,661	3,938	4,235	4,552	4,891	5,254	5,615	7%
Others	17,620	19,083	20,727	22,583	24,573	26,735	29,062	31,561	34,256	37,111	9%
<b>Total</b>	<b>159,962</b>	<b>165,997</b>	<b>172,215</b>	<b>178,890</b>	<b>185,751</b>	<b>192,603</b>	<b>199,649</b>	<b>206,689</b>	<b>213,932</b>	<b>221,175</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	33										33
Expansion(ckt-km)	33										33
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	110	45	44	46	45	44	46	44	45	46	516
Expansion	110										110
Rehabilitation		45	44	46	45	44	46	44	45	46	406
Substation Projects	20										20
Electrification Projects	40	19	20	20	22	20	21	20	22	20	224
<b>Total</b>	<b>171</b>	<b>64</b>	<b>65</b>	<b>66</b>	<b>67</b>	<b>64</b>	<b>67</b>	<b>64</b>	<b>68</b>	<b>66</b>	<b>760</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	768	768	768	768	768	768	768	768	768	768	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	<b>768</b>	
<b>Household Level (%)</b>	<b>87%</b>	<b>88%</b>	<b>90%</b>	<b>91%</b>	<b>93%</b>	<b>94%</b>	<b>96%</b>	<b>97%</b>	<b>98%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	121,771	126,416	131,078	135,762	140,475	145,212	149,938	154,691	159,476	164,288	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>121,771</b>	<b>126,416</b>	<b>131,078</b>	<b>135,762</b>	<b>140,475</b>	<b>145,212</b>	<b>149,938</b>	<b>154,691</b>	<b>159,476</b>	<b>164,288</b>	

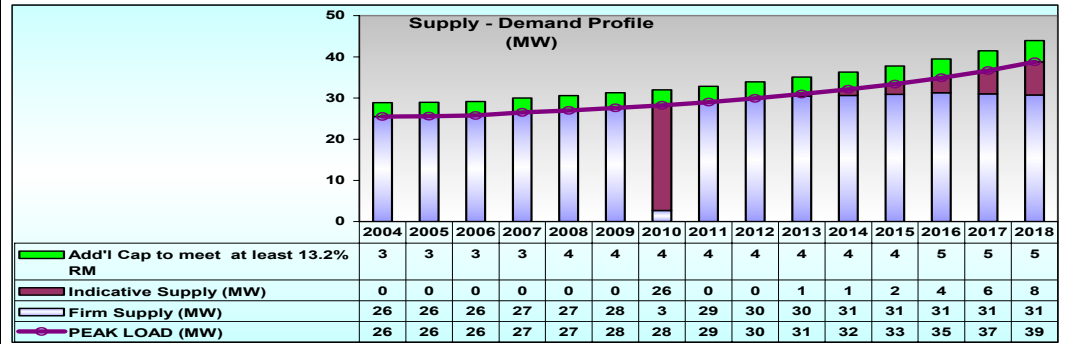
**Franchise Coverage:**

ISECO covers the entire province of Ilocos Sur which is composed of 32 municipalities, 2 cities and a total of 768 barangays. The municipalities are Allim, Banayoyo, Bantay, Burgos, Cabugao, Caoyan, Cervantes, Del Pilar, Galimuyod., Lidlidda, Magsingal, Nagbukel, Narvacan, Quirino, Saicodo, San Emilio, San Estoban, San Ildefonso, San Juan, San Vicente, Santa, Santiago, Sigay, Sinaif, Sta. Lucia, Sta. Catalina, Sta. Cruz, Sta. Maria, Sto. Domingo, Sugpon, Suyo and Tagudin. The cities are Candon City and Vigan City.

## La Union Electric Cooperative, Inc. (LUELCO)

General Information	
Location	Sta. Rita East, Aringay, La Union
Contact Person	Dr. Ramon C. Posadas
Position	General Manager
Tel. No:	(072) 714-0238
Fax No:	(072) 714-0553
E-mail Address	luelco_apo@yahoo.com
Coverage Area	
No. of barangays	465
Franchise Population	

**SUPPLY HIGHLIGHTS**  
LUELCO expects to have a steady increase in annual demand of about 3.9 % and a 5-year average energy purchase of 4.9 % from year 2009 to 2014 due to increase in potential customers. The bulk of its power and energy requirements for the next ten (10) years will be sourced out from NPC for 2009 since LUELCO's TSC expired on December 25, 2008 and from GN POWER beginning 2010 and the remaining 10% of its total energy requirements will be from WESM.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	103,919	107,430	111,481	116,240	121,259	126,762	132,793	139,402	146,646	154,950	4%
Commercial	3,871	3,942	4,022	4,115	4,219	4,336	4,467	4,613	4,775	4,967	3%
Industrial	112	114	115	118	120	123	126	130	134	138	2%
Others	1,877	1,888	1,899	1,911	1,923	1,936	1,950	1,964	1,979	1,995	1%
<b>Total</b>	<b>109,779</b>	<b>113,373</b>	<b>117,516</b>	<b>122,383</b>	<b>127,521</b>	<b>133,157</b>	<b>139,335</b>	<b>146,108</b>	<b>153,534</b>	<b>162,050</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	82,715	86,409	90,667	95,522	101,108	107,487	114,765	123,066	132,540	144,025	6%
Commercial	13,065	13,508	14,022	14,618	15,307	16,101	17,010	18,049	19,236	20,698	5%
Industrial	11,778	11,996	12,271	12,640	13,045	13,568	14,148	14,860	15,646	16,594	4%
Others	10,606	10,795	11,011	11,266	11,538	11,859	12,201	12,612	13,081	13,634	3%
<b>Total</b>	<b>118,165</b>	<b>122,708</b>	<b>127,971</b>	<b>134,047</b>	<b>140,997</b>	<b>149,015</b>	<b>158,123</b>	<b>168,587</b>	<b>180,502</b>	<b>194,951</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	14	12	19	31	5	1	4				87
Expansion(ckt-km)	4	5	5	17							31
Rehabilitation(ckt-km)	10	8	15	14	5	1	4				57
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)		0.3		0.5	1.0						1.8
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	36	45	52	53	41	45	3	2	2	2	281
Expansion	11	17	12	29							70
Rehabilitation	24	28	39	24	41	45	3	2	2	2	212
Substation Projects	30										30
Electrification Projects	30	22	12	14	15	16	18	19	21	24	192
<b>Total</b>	<b>96</b>	<b>68</b>	<b>63</b>	<b>67</b>	<b>56</b>	<b>61</b>	<b>21</b>	<b>22</b>	<b>23</b>	<b>26</b>	<b>503</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	465	465	465	465	465	465	465	465	465	465	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	<b>465</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>66%</b>	<b>66%</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>73%</b>	
No. of Households Electrified (On-Grid)	103,852	107,227	110,980	115,086	119,690	124,777	130,392	136,586	143,415	151,303	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>103,852</b>	<b>107,227</b>	<b>110,980</b>	<b>115,086</b>	<b>119,690</b>	<b>124,777</b>	<b>130,392</b>	<b>136,586</b>	<b>143,415</b>	<b>151,303</b>	

Franchise Coverage:

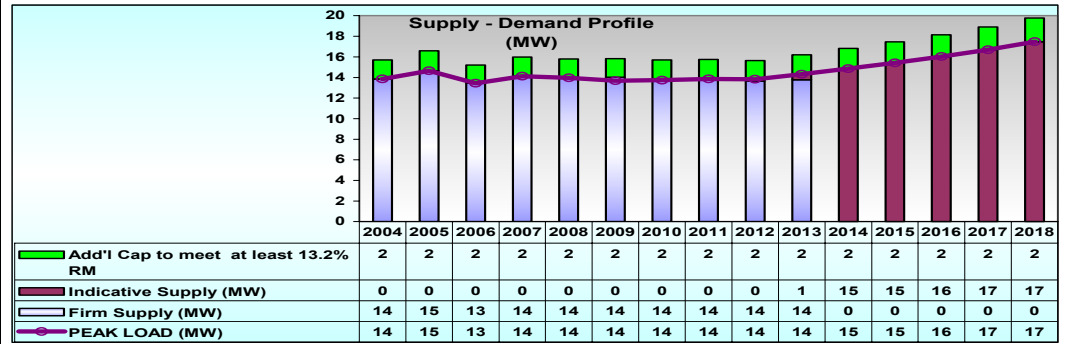
San Fernando City and the municipalities of Bacnotan, Balaoan, Bangar, Luna, San Gabriel, San Juan, Santol, Sudipen, Agoo, Aringay, Bagulin, Bauang, Burgos, Caba, Naguilian, Pugo, Rosario, Sto Tomas, Tubao, San Jacinto, Sison, and Pozzorubio.

## Pangasinan 1 Electric Cooperative, Inc. (PANELCO I)

General Information	
Location	San Jose, Bani, Pangasinan
Contact Person	Rolando O. Reinoso
Position	General Manager
Tel. No:	(075) 553-2005
Fax No:	(075) 553-2005 loc 124
E-mail Address	
Coverage Area	142.455 sq.km.
No. of barangays	192
Franchise Population	

### SUPPLY HIGHLIGHTS

PANELCO I will extend the 69 kV sub-transmission line within its franchise area which will lie along the national road from Palamis, Alaminos City to Dasol, Pangasinan. It will feed the proposed 5 MVA Dasol Substation and eventually serve the planned Air Port which is expected to commence its construction this year of 2009.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	46,606	48,177	49,769	51,452	53,557	55,311	57,145	59,086	61,201	63,775	4%
Commercial	2,059	2,097	2,136	2,176	2,217	2,258	2,300	2,343	2,387	2,431	2%
Industrial	131	133	134	135	137	138	139	141	142	144	1%
Others	1,209	1,209	1,209	1,209	1,210	1,210	1,210	1,210	1,210	1,210	0.1%
<b>Total</b>	<b>50,005</b>	<b>51,616</b>	<b>53,249</b>	<b>54,973</b>	<b>57,120</b>	<b>58,916</b>	<b>60,794</b>	<b>62,780</b>	<b>64,940</b>	<b>67,560</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	36,288	37,148	38,015	38,932	40,123	41,078	42,072	43,101	44,240	45,715	3%
Commercial	8,448	9,266	10,163	11,147	12,227	13,411	14,710	16,134	17,697	19,411	10%
Industrial	10,009	10,261	10,519	10,783	11,055	11,333	11,618	11,910	12,209	12,517	3%
Others	3,438	3,570	3,707	3,849	3,997	4,150	4,309	4,474	4,645	4,822	4%
<b>Total</b>	<b>58,183</b>	<b>60,245</b>	<b>62,404</b>	<b>64,712</b>	<b>67,401</b>	<b>69,972</b>	<b>72,709</b>	<b>75,619</b>	<b>78,791</b>	<b>82,464</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	54	58	18	21	15	14	4				184
Expansion(ckt-km)	53	28	18	21	15	14	4				153
Rehabilitation(ckt-km)	2	30									31
Substation Capacity (MVA)			5			10				10	25
Reactive Power Compensation Plan (MVAR)	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03		0.2
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	58	45	121	33	32	14	3				306
Expansion	56	22	121	33	32	14	3				281
Rehabilitation	2	23									25
Substation Projects	4		5								9
Electrification Projects	9	10	2	2	3	2	3	2	3	3	40
<b>Total</b>	<b>71</b>	<b>56</b>	<b>128</b>	<b>35</b>	<b>35</b>	<b>16</b>	<b>6</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>355</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	190	190	190	190	190	190	190	190	190	190	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	<b>192</b>	
<b>Household Level (%)</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>73%</b>	<b>76%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>84%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	46,606	48,177	49,769	51,452	53,557	55,311	57,145	59,086	61,201	63,775	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>46,606</b>	<b>48,177</b>	<b>49,769</b>	<b>51,452</b>	<b>53,557</b>	<b>55,311</b>	<b>57,145</b>	<b>59,086</b>	<b>61,201</b>	<b>63,775</b>	

Franchise Coverage:

1 City(Alaminos) and 8 Municipalities (Agno, Anda, Bani, Bolinao, Burgos, Dasol, Mabini, and Infanta)

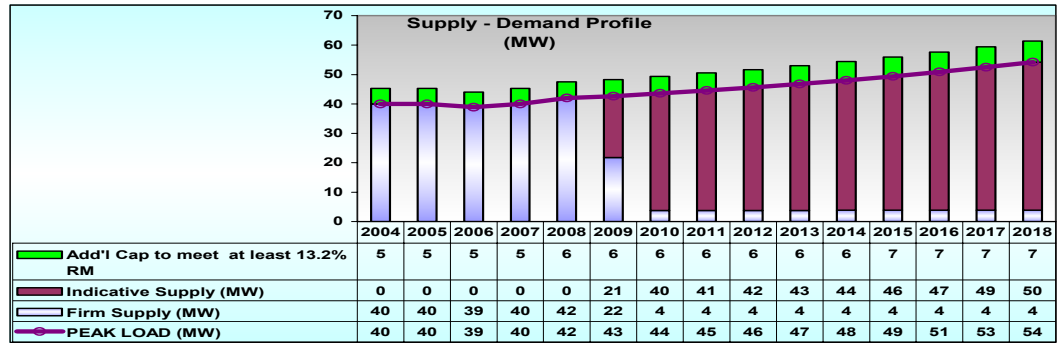
# REGION 2 ELECTRIC COOPERATIVES

## Isabela I Electric Cooperative, Inc. (ISELCO I)

General Information	
Location	Victoria, Alicia, Isabela
Contact Person	Engr. Virgilio L. Montano
Position	General Manager
Tel. No:	(078) 662 71 03/662 78 10
Fax No:	(078) 662 71 03/662 79 17
E-mail Address	rmvillacampa@yahoo.com
Coverage Area	3,078 sq.km.
No. of barangays	484
Franchise Population	

**SUPPLY HIGHLIGHTS**

Energy supply come from NPC, private IPP, and mini hydro. ISELCO I intends to install a 10 MVA Substation and one km 69 kv line in Cauayan City to augment the power requirement of the city. Upgrading of over-loaded 10 MVA Substation at Alicia to 20 MVA to improve the reliability in that area. Construction of 10 MVA s/s and 16 kms 69 kv line at Jones to improve the reliability of service at Jones and San Agustin.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	125,034	130,107	135,411	140,797	146,399	152,224	158,281	164,581	171,132	177,945	4%
Commercial	7,147	7,348	7,581	7,784	7,993	8,207	8,426	8,651	8,882	9,120	3%
Industrial	221	232	243	255	268	281	295	310	326	342	5%
Others	7,258	7,275	7,298	7,320	7,340	7,362	7,390	7,414	7,439	7,466	1%
<b>Total</b>	<b>139,660</b>	<b>144,962</b>	<b>150,533</b>	<b>156,156</b>	<b>162,000</b>	<b>168,074</b>	<b>174,393</b>	<b>180,956</b>	<b>187,780</b>	<b>194,873</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	90,047	93,168	96,430	99,842	103,411	107,145	111,051	115,138	119,416	123,894	4%
Commercial	42,467	43,599	44,767	45,974	47,221	48,509	49,838	51,210	52,629	54,096	3%
Industrial	42,019	43,737	45,551	47,466	49,488	51,625	53,882	56,267	58,788	61,452	4%
Others	11,582	11,706	11,840	11,972	12,102	12,234	12,378	12,515	12,654	12,795	1%
<b>Total</b>	<b>186,114</b>	<b>192,210</b>	<b>198,587</b>	<b>205,253</b>	<b>212,222</b>	<b>219,513</b>	<b>227,149</b>	<b>235,130</b>	<b>243,487</b>	<b>252,237</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	20	6	7	18	1	1	1	2	1		57
<i>Expansion(ckt-km)</i>	18	3	6	16							43
<i>Rehabilitation(ckt-km)</i>	2	3	1	2	1	1	1	2	1		15
Substation Capacity (MVA)	10			5							15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	44	27	31	47	25	25	26	26	25	24	299
<i>Expansion</i>	39	14	25	41							119
<i>Rehabilitation</i>	5	12	6	6	25	25	26	26	25	24	181
Substation Projects	11			18							29
Electrification Projects	30	19	20	20	21	22	23	24	25	26	228
<b>Total</b>	<b>85</b>	<b>45</b>	<b>50</b>	<b>85</b>	<b>46</b>	<b>47</b>	<b>49</b>	<b>49</b>	<b>50</b>	<b>49</b>	<b>557</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	484	484	484	484	484	484	484	484	484	484	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	<b>484</b>	
<b>Household Level (%)</b>	<b>75%</b>	<b>77%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>86%</b>	<b>88%</b>	<b>90%</b>	<b>93%</b>	<b>95%</b>	
No. of Households Electrified (On-Grid)	124,298	129,270	134,440	139,818	145,411	151,227	157,276	163,567	170,110	176,914	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>124,298</b>	<b>129,270</b>	<b>134,440</b>	<b>139,818</b>	<b>145,411</b>	<b>151,227</b>	<b>157,276</b>	<b>163,567</b>	<b>170,110</b>	<b>176,914</b>	

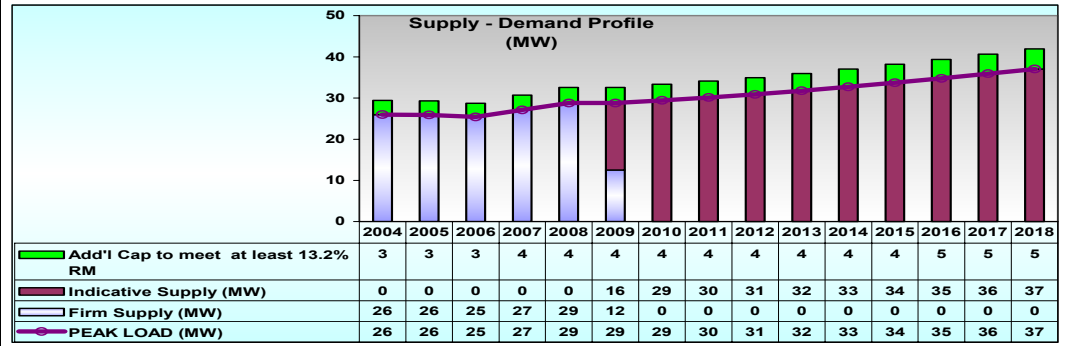
Franchise Coverage:

Reina Mercedes, Alicia, Cabatuan, Luna, Angadanan, San Guillermo, Echague, Jones, San Agustin, Ramon, San Isidro, San Mateo and Cordon and the cities of Cauayan, and Santiago.



## Cagayan I Electric Cooperative, Inc. (CAGELCO I)

General Information	
Location	Maddarlug, Solana, Cagayan
Contact Person	Tito R. Lingan
Position	General Manager
Tel. No:	(078) 844-1595
Fax No:	(078) 844-4528
E-mail Address	info@cagelco1.org.ph / email@cagelco1.org.ph
Coverage Area	
No. of barangays	386
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract (TSC) with NPC expired on June 2008. CAGELCO I to source at least ten percent of energy requirement from WESM. There is a signed bilateral contract with GNPower for ERC's approval. The Bilateral Contract Quantity with GNPower will start in 2011.	



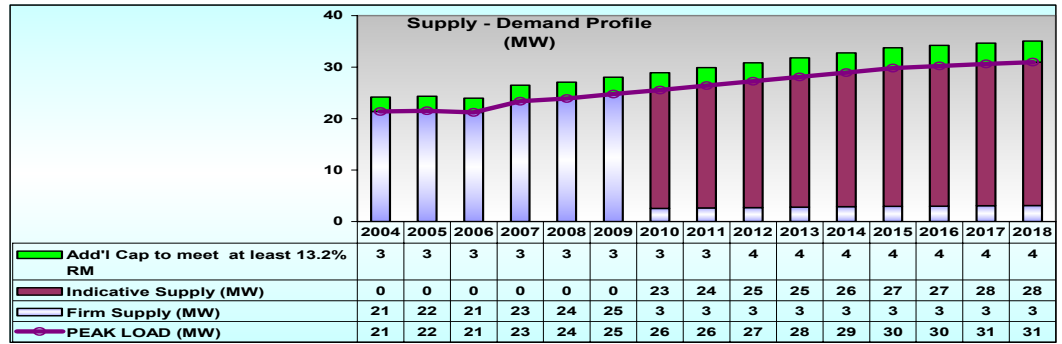
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	88,278	92,943	97,724	102,577	107,671	113,020	118,634	124,529	130,717	137,213	5%
Commercial	6,937	7,006	7,083	7,160	7,231	7,304	7,377	7,450	7,525	7,600	1%
Industrial	3	3	3	3	3	3	3	3	3	3	1%
Others	2,534	2,537	2,551	2,564	2,568	2,572	2,576	2,581	2,586	2,591	1%
<b>Total</b>	<b>97,751</b>	<b>102,490</b>	<b>107,361</b>	<b>112,304</b>	<b>117,474</b>	<b>122,898</b>	<b>128,590</b>	<b>134,563</b>	<b>140,830</b>	<b>147,407</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	60,552	63,935	67,511	71,302	75,318	79,748	84,444	89,424	94,704	100,302	6%
Commercial	41,196	42,012	42,845	43,694	44,569	45,461	46,371	47,300	48,247	49,213	2%
Industrial	536	582	632	686	745	809	878	954	1,036	1,124	9%
Others	16,001	16,528	17,079	17,656	18,260	18,893	19,556	20,251	20,979	21,743	4%
<b>Total</b>	<b>118,286</b>	<b>123,057</b>	<b>128,068</b>	<b>133,338</b>	<b>138,892</b>	<b>144,911</b>	<b>151,250</b>	<b>157,928</b>	<b>164,965</b>	<b>172,382</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	39	22	16	4	4		5		2		93
<i>Expansion(ckt-km)</i>	10	21	15		2		5		2		56
<i>Rehabilitation(ckt-km)</i>	29	1	1	4	2						37
Substation Capacity (MVA)	10		10		5		10				35
Reactive Power Compensation Plan (MVAr)	1.80	2.10	2.70	3.00	3.30	3.00	3.00	3.00	3.00	3.00	28
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	62	39	42	26	30	26	32	26	28	26	337
<i>Expansion</i>	16	37	39		14		32		28		168
<i>Rehabilitation</i>	46	2	2	26	16	26		26		26	169
Substation Projects	24		24		18		24				90
Electrification Projects	33	20	21	21	22	23	24	25	26	27	241
<b>Total</b>	<b>119</b>	<b>59</b>	<b>87</b>	<b>47</b>	<b>70</b>	<b>48</b>	<b>80</b>	<b>50</b>	<b>54</b>	<b>52</b>	<b>668</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	378	378	378	378	378	378	378	378	378	378	
No. of Barangays Electrified (Off-Grid)	8	8	8	8	8	8	8	8	8	8	
<b>Total</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	<b>386</b>	
<b>Household Level (%)</b>	<b>68%</b>	<b>68%</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	<b>74%</b>	<b>75%</b>	<b>76%</b>	
No. of Households Electrified (On-Grid)	87,667	92,050	96,652	101,485	106,559	111,887	117,482	123,356	129,523	136,000	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>87,667</b>	<b>92,050</b>	<b>96,652</b>	<b>101,485</b>	<b>106,559</b>	<b>111,887</b>	<b>117,482</b>	<b>123,356</b>	<b>129,523</b>	<b>136,000</b>	

Franchise Coverage:

Covers the municipalities of Alcala, Amulong, Baggao, Enrile, Iguig, Peñablanca, Piat, Rizal, Santo Niño (Faire), Solana, Tuao, and Tuguegarao.

## Isabela II Electric Cooperative, Inc. (ISELCO II)

General Information	
Location	Government Center Alibagu, Ilagan, Isabela
Contact Person	Antonio A. Young
Position	Officer-in-Charge
Tel. No:	(078) 622-2742; (078) 624-2220/2237
Fax No:	(078) 622-3798
E-mail Address	iselco2@yahoo.com, iselco2_tsd@yahoo.com
Coverage Area	
No. of barangays	545
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	94,063	96,231	99,252	100,056	100,965	101,886	103,064	103,099	103,234	103,188	1%
Commercial	3,488	3,524	3,534	3,586	3,637	3,689	3,742	3,757	3,773	3,788	1%
Industrial	513	517	521	524	527	529	530	531	532	533	0%
Others	1,823	1,832	1,842	1,851	1,861	1,871	1,881	1,891	1,901	1,911	1%
<b>Total</b>	<b>99,887</b>	<b>102,104</b>	<b>105,149</b>	<b>106,017</b>	<b>106,990</b>	<b>107,975</b>	<b>109,217</b>	<b>109,278</b>	<b>109,440</b>	<b>109,420</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	55,642	57,254	59,076	60,557	62,071	63,495	65,063	65,170	65,398	65,508	2%
Commercial	12,991	13,194	13,312	13,575	13,844	14,118	14,397	14,544	14,602	14,658	1%
Industrial	3,938	3,979	4,016	4,050	4,080	4,106	4,129	4,147	4,166	4,185	1%
Others	17,353	17,492	17,616	17,758	17,894	18,020	18,148	18,277	18,407	18,537	1%
<b>Total</b>	<b>89,923</b>	<b>91,919</b>	<b>94,020</b>	<b>95,940</b>	<b>97,889</b>	<b>99,740</b>	<b>101,737</b>	<b>102,139</b>	<b>102,572</b>	<b>102,888</b>	<b>2%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities		47	42	4	2						94
Expansion(ckt-km)		38	42	2							81
Rehabilitation(ckt-km)		9		1	2						12
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	27	119	64	42	40	40	41	41	41	42	496
Expansion		95	63	26							185
Rehabilitation	27	24	1	16	40	40	41	41	41	42	311
Substation Projects	15	60		33				33			140
Electrification Projects	16	13	21	7	15	8	9	6	11	4	109
<b>Total</b>	<b>57</b>	<b>192</b>	<b>85</b>	<b>48</b>	<b>88</b>	<b>48</b>	<b>50</b>	<b>80</b>	<b>52</b>	<b>46</b>	<b>745</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>92%</b>	<b>93%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No. of Barangays Electrified (On-Grid)	501	506	518	519	519	519	519	519	519	519	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>501</b>	<b>506</b>	<b>518</b>	<b>519</b>	<b>519</b>	<b>519</b>	<b>519</b>	<b>519</b>	<b>519</b>	<b>519</b>	
<b>Household Level (%)</b>	<b>72%</b>	<b>73%</b>	<b>75%</b>	<b>74%</b>	<b>74%</b>	<b>74%</b>	<b>74%</b>	<b>73%</b>	<b>72%</b>	<b>72%</b>	
No. of Households Electrified (On-Grid)	94,063	96,231	99,252	100,056	100,965	101,886	103,064	103,099	103,234	103,188	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>94,063</b>	<b>96,231</b>	<b>99,252</b>	<b>100,056</b>	<b>100,965</b>	<b>101,886</b>	<b>103,064</b>	<b>103,099</b>	<b>103,234</b>	<b>103,188</b>	

**Franchise Coverage:**

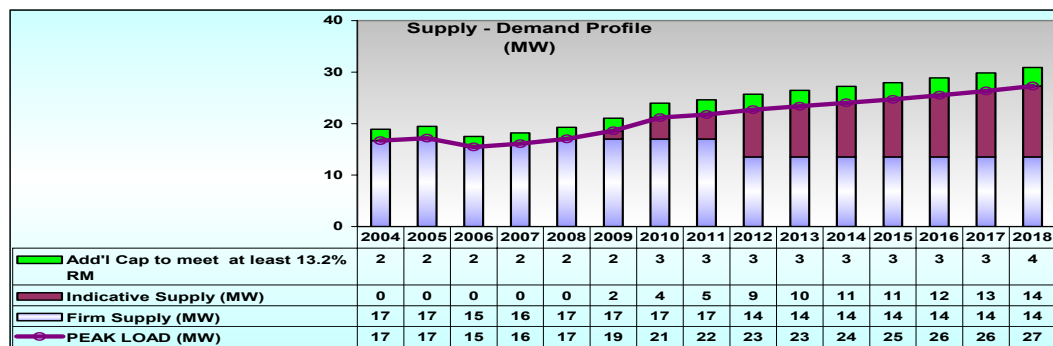
The municipalities of Ilagan, Tumauni, Cagan, San Pablo, Sta. Maria, Delfin Albano, Sto. Tomas, Gamu, Naguillian, Benito Soliven, San Mariano, Burgos, Roxas, San Manuel, Aurora, Quirino, Mallig, Quezon. Coastal towns of Divilacan, Palanan, and Maconnacon.

## Cagayan II Electric Cooperative, Inc. (CAGELCO II)

General Information	
Location	Macanaya District, Aparri, Cagayan
Contact Person	Gabriel A. Tordesillas
Position	General Manager
Tel. No:	(078) 822-8525
Fax No:	(078) 888-2941
E-mail Address	cagelco2@cagelco2.org.ph
Coverage Area	
No. of barangays	510
Franchise Population	

### SUPPLY HIGHLIGHTS

CAGELCO II entered into a Bilateral Contract w/ GNPower, an IPP, w/c will be in effect by year 2012 w/ a contracted demand of 10MW. Also the proposed Wind Farm in Pamplona, Cagayan is expected to be operational by 2011. This will stabilize power rates. In 2009-2011, contract w/ SN Aboitiz Power shall be renewed. The fast development of CEZA at Sta. Ana, Cagayan requires an additional 10MVA Substation and 69kV transmission line extension for a reliable and efficient power supply. CAGELCO II already acquired the 69kV sub-trans line of NGCP.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	74,906	76,745	78,316	79,884	81,483	83,114	84,777	86,473	88,201	89,958	2%
Commercial	3,237	3,365	3,500	3,638	3,783	3,933	4,090	4,252	4,422	4,597	4%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	1,980	1,986	1,988	1,991	1,994	1,996	1,998	2,001	2,003	2,006	0.5%
<b>Total</b>	<b>80,123</b>	<b>82,096</b>	<b>83,804</b>	<b>85,513</b>	<b>87,260</b>	<b>89,043</b>	<b>90,865</b>	<b>92,727</b>	<b>94,626</b>	<b>96,561</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	44,740	46,318	47,935	49,608	51,360	53,173	55,050	56,994	59,006	61,088	4%
Commercial	17,049	18,053	19,116	20,280	21,515	22,826	24,216	25,690	27,254	28,913	6%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	10,426	18,506	18,913	20,730	21,197	21,677	21,862	22,053	22,250	22,452	18%
<b>Total</b>	<b>72,215</b>	<b>82,878</b>	<b>85,964</b>	<b>90,618</b>	<b>94,072</b>	<b>97,675</b>	<b>101,128</b>	<b>104,737</b>	<b>108,510</b>	<b>112,454</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	98	25	24	3	3	27					180
Expansion(ckt-km)	90	12	16	0.2	0.2						119
Rehabilitation(ckt-km)	8	13	8	3	3	27					61
Substation Capacity (MVA)	15	5	5	5	5						35
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	296	50	101	30	27	43	25	24	24	25	645
Expansion	274	24	66	2	2						368
Rehabilitation	23	26	35	28	25	43	25	24	24	25	277
Substation Projects	58	17	25	25	25						148
Electrification Projects	22	7	7	6	6	6	8	6	6	7	83
<b>Total</b>	<b>376</b>	<b>73</b>	<b>133</b>	<b>61</b>	<b>57</b>	<b>49</b>	<b>33</b>	<b>30</b>	<b>30</b>	<b>32</b>	<b>876</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No. of Barangays Electrified (On-Grid)	474	474	474	474	474	474	474	474	474	474	
No. of Barangays Electrified (Off-Grid)	9	9	9	9	9	9	9	9	9	9	
<b>Total</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	
<b>Household Level (%)</b>	<b>70%</b>	<b>71%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	<b>73%</b>	<b>74%</b>	<b>74%</b>	<b>75%</b>	<b>75%</b>	
No. of Households Electrified (On-Grid)	74,425	75,914	77,432	78,981	80,560	82,172	83,815	85,491	87,201	88,945	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>74,425</b>	<b>75,914</b>	<b>77,432</b>	<b>78,981</b>	<b>80,560</b>	<b>82,172</b>	<b>83,815</b>	<b>85,491</b>	<b>87,201</b>	<b>88,945</b>	

### Franchise Coverage:

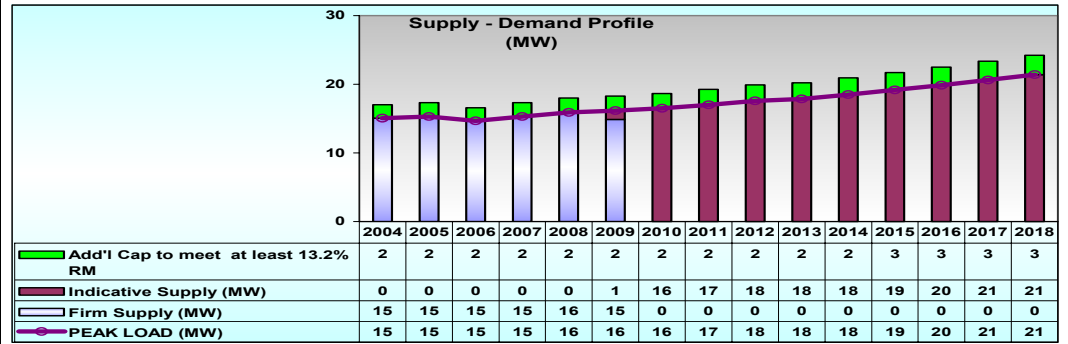
North-Eastern of Cagayan and 4-municipalities of Lower Apayao: Aparri, Camalaniugan, Lal-Lo, Gattaran, Buguey, Sta. Teresita, Gonzaga, Sta. Ana, Lasam, Allacapan, Ballesteros, Abulug, Pamplona, Sanchez Mira, Claveria, Sta. Praxedes, and Lower Apayao.

## Nueva Vizcaya Electric Cooperative, Inc. (NUVELCO)

General Information	
Location	Gabut, Dupax del Sur, Nueva Vizcaya
Contact Person	Engr. Narciso S. Salunat
Position	General Manager
Tel. No:	(078) 322-1187
Fax No:	(078) 322-1187
E-mail Address	nuvelco@yahoo.com
Coverage Area	
No. of barangays	275
Franchise Population	

### SUPPLY HIGHLIGHTS

On-going construction of 10 MVA S/S and 14 km. of 69 kV line, to be energize on the first quarter of 2010, at the southern portion of NUVELCO will contribute to a reduction of systems loss of 3.47% based on the simulation result in year 2001. A plan to construct another 10 MVA S/S in 2011 will cater the ever increasing demand to the northern part of NUVELCO.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	58,040	60,440	62,923	65,342	67,880	70,521	73,270	76,131	79,109	82,208	4%
Commercial	2,097	2,120	2,147	2,158	2,171	2,185	2,198	2,212	2,226	2,240	1%
Industrial	437	442	446	451	455	460	464	469	474	478	1%
Others	1,587	1,646	1,708	1,773	1,839	1,911	1,986	2,065	2,148	2,236	4%
<b>Total</b>	<b>62,162</b>	<b>64,648</b>	<b>67,225</b>	<b>69,723</b>	<b>72,345</b>	<b>75,076</b>	<b>77,919</b>	<b>80,877</b>	<b>83,957</b>	<b>87,162</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	43,074	45,272	47,912	50,396	52,980	55,692	58,547	61,568	64,766	68,151	5%
Commercial	7,756	7,882	8,051	8,180	8,351	8,484	8,661	8,799	8,984	9,128	2%
Industrial	10,748	10,910	11,129	11,297	11,525	11,700	11,937	12,119	12,364	12,553	2%
Others	4,363	4,447	4,541	4,631	4,733	4,830	4,941	5,047	5,167	5,283	2%
<b>Total</b>	<b>65,941</b>	<b>68,511</b>	<b>71,633</b>	<b>74,505</b>	<b>77,589</b>	<b>80,707</b>	<b>84,086</b>	<b>87,533</b>	<b>91,282</b>	<b>95,115</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	72	16	26	1	1	3	1				119
Expansion(ckt-km)	71	15	25								110
Rehabilitation(ckt-km)	1	1	2	1	1	3	1				9
Substation Capacity (MVA)			10								10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	72	40	51	19	18	18	20	18	19	21	296
Expansion	71	38	48								156
Rehabilitation	1	2	4	19	18	18	20	18	19	21	140
Substation Projects			27								27
Electrification Projects	34	33	13	9	10	10	11	13	11	11	156
<b>Total</b>	<b>106</b>	<b>73</b>	<b>91</b>	<b>28</b>	<b>28</b>	<b>28</b>	<b>31</b>	<b>31</b>	<b>30</b>	<b>32</b>	<b>478</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>97%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	254	265	265	265	265	265	265	265	265	265	
No. of Barangays Electrified (Off-Grid)	12	11	11	11	11	11	11	11	11	11	
<b>Total</b>	<b>266</b>	<b>276</b>	<b>276</b>	<b>276</b>	<b>276</b>	<b>276</b>	<b>276</b>	<b>276</b>	<b>276</b>	<b>276</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>60%</b>	<b>59%</b>	<b>58%</b>	<b>58%</b>	<b>57%</b>	<b>56%</b>	<b>56%</b>	<b>55%</b>	<b>54%</b>	
No. of Households Electrified (On-Grid)	58,040	60,440	62,923	65,342	67,880	70,521	73,270	76,131	79,109	82,208	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>58,040</b>	<b>60,440</b>	<b>62,923</b>	<b>65,342</b>	<b>67,880</b>	<b>70,521</b>	<b>73,270</b>	<b>76,131</b>	<b>79,109</b>	<b>82,208</b>	

Franchise Coverage:

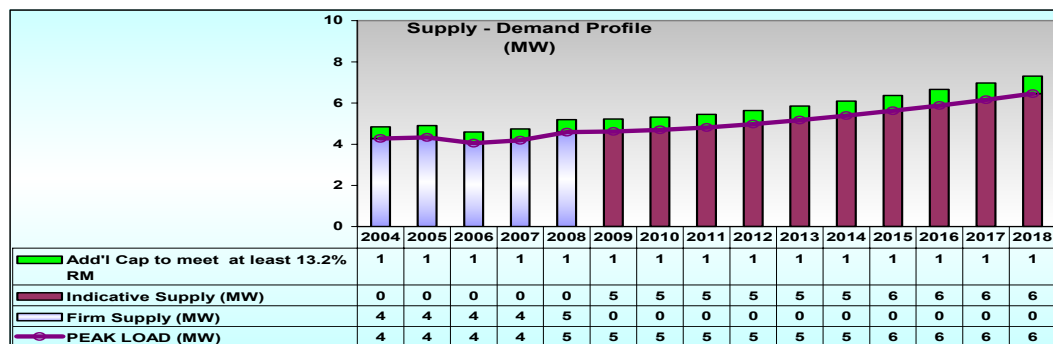
NUVELCO covers the entire province of Nueva Vizcaya which is composed of 15 municipalities and a total of 275 barangays.

## Quirino Electric Cooperative, Inc. (QUIRELCO)

General Information	
Location	Aurora East Diffun, Quirino
Contact Person	Fidel V. Pascua
Position	Officer-In-Charge
Tel. No:	(078) 694-7015
Fax No:	(078) 694-7015
E-mail Address	cpgulla@yahoo.com.ph
Coverage Area	3,057 sq.km.
No. of barangays	132
Franchise Population	

### SUPPLY HIGHLIGHTS

QUIRELCO will be installing an additional 10 MVA substation in Cajel Diffun, Quirino.



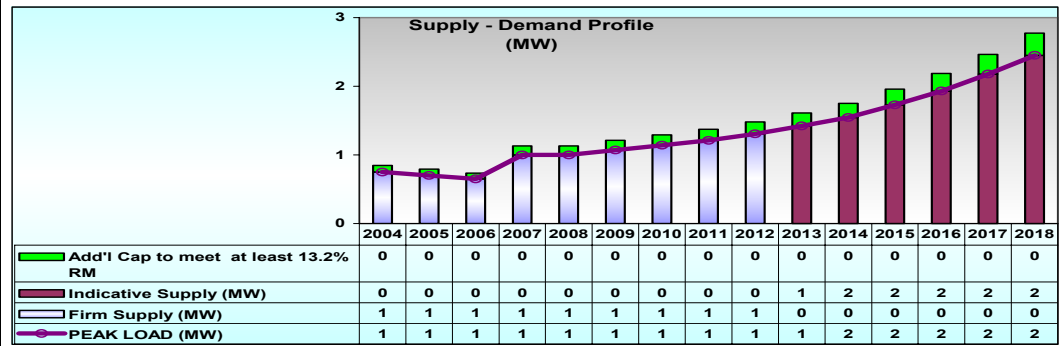
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	23,989	25,364	26,760	28,250	29,835	31,310	32,857	34,481	36,185	37,972	5%
Commercial	1,846	1,888	1,929	1,971	2,008	2,041	2,074	2,107	2,141	2,176	2%
Industrial	26	28	29	30	32	34	35	37	39	41	5%
Others	981	985	986	988	989	991	993	995	997	1,000	0.5%
<b>Total</b>	<b>26,842</b>	<b>28,265</b>	<b>29,705</b>	<b>31,239</b>	<b>32,864</b>	<b>34,375</b>	<b>35,959</b>	<b>37,620</b>	<b>39,362</b>	<b>41,189</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	11,019	11,813	12,731	13,794	14,878	16,118	17,461	18,912	20,484	22,183	8%
Commercial	3,328	3,495	3,659	3,836	4,028	4,205	4,389	4,581	4,781	4,990	5%
Industrial	537	559	585	616	649	682	718	755	794	834	5%
Others	2,138	2,161	2,184	2,208	2,232	2,256	2,280	2,304	2,329	2,354	1%
<b>Total</b>	<b>17,021</b>	<b>18,028</b>	<b>19,160</b>	<b>20,454</b>	<b>21,787</b>	<b>23,261</b>	<b>24,847</b>	<b>26,552</b>	<b>28,387</b>	<b>30,361</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	14	21	14	20	18	23	8	11	2	2	134
Expansion(ckt-km)	7	15	10	9	12	18	6	9			86
Rehabilitation(ckt-km)	7	6	4	12	6	5	2	2	2	2	48
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	22	27	22	28	25	16	7	9	2	2	161
Expansion	11	20	16	12	17	12	6	8			101
Rehabilitation	11	8	6	16	9	3	2	2	2	2	60
Substation Projects	37										37
Electrification Projects	6	7	6	7	7	6	7	8	7	9	70
<b>Total</b>	<b>65</b>	<b>34</b>	<b>29</b>	<b>34</b>	<b>32</b>	<b>22</b>	<b>14</b>	<b>17</b>	<b>9</b>	<b>11</b>	<b>269</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>102%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	<b>106%</b>	
No of Barangays Electrified (On-Grid)	140	140	140	140	140	140	140	140	140	140	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	<b>140</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>74%</b>	<b>77%</b>	<b>81%</b>	<b>84%</b>	<b>88%</b>	<b>91%</b>	<b>95%</b>	<b>99%</b>	<b>103%</b>	
No. of Households Electrified (On-Grid)	23,884	25,078	26,332	27,649	29,031	30,483	32,007	33,607	35,287	37,052	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>23,884</b>	<b>25,078</b>	<b>26,332</b>	<b>27,649</b>	<b>29,031</b>	<b>30,483</b>	<b>32,007</b>	<b>33,607</b>	<b>35,287</b>	<b>37,052</b>	

Franchise Coverage:

Aglipay, Cabarroguis, Diffun, Maddela, Nagtipunan, and Saguday.

## Batanes Electric Cooperative, Inc. (BATANELCO)

General Information	
Location	Basco, Batanes
Contact Person	Victoria A.Mata
Position	Msd Manager / OIC
Tel. No:	(0918) 320-9156
Fax No:	
E-mail Address	batanelco.com.ph
Coverage Area	245 sq.km.
No. of barangays	29
Franchise Population	



**SUPPLY HIGHLIGHTS**

Batanelco Supply Contract with NPC SPUG expires on 2012. Renewable every ten years based on the contract. Based on the graph the power contract shows an excessive power supply.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	3,786	3,863	3,941	4,021	4,101	4,182	4,264	4,348	4,434	4,522	2%
Commercial	379	383	386	390	394	398	404	410	416	423	1%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	642	645	646	647	648	649	650	651	652	654	0.7%
<b>Total</b>	<b>4,808</b>	<b>4,891</b>	<b>4,974</b>	<b>5,058</b>	<b>5,143</b>	<b>5,229</b>	<b>5,318</b>	<b>5,410</b>	<b>5,503</b>	<b>5,598</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	2,694	2,897	3,148	3,455	3,829	4,285	4,843	5,529	6,374	7,413	11%
Commercial	744	811	891	989	1,098	1,219	1,372	1,546	1,741	1,961	11%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	1,193	1,221	1,199	1,260	1,336	1,428	1,536	1,667	1,822	2,006	7%
<b>Total</b>	<b>4,631</b>	<b>4,929</b>	<b>5,237</b>	<b>5,704</b>	<b>6,263</b>	<b>6,932</b>	<b>7,752</b>	<b>8,742</b>	<b>9,937</b>	<b>11,380</b>	<b>10%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	7	13	4								23
<i>Expansion(ckt-km)</i>	2										2
<i>Rehabilitation(ckt-km)</i>	5	13	4								22
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	3	9	5								17
<i>Expansion</i>	1										1
<i>Rehabilitation</i>	2	9	5								16
Substation Projects											
Electrification Projects	4	2	1	1	1	1	1	1	1	1	13
<b>Total</b>	<b>7</b>	<b>11</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>30</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	29	29	29	29	29	29	29	29	29	29	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	<b>29</b>	
<b>Household Level (%)</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	3,741	3,816	3,893	3,970	4,050	4,131	4,213	4,298	4,384	4,471	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>3,741</b>	<b>3,816</b>	<b>3,893</b>	<b>3,970</b>	<b>4,050</b>	<b>4,131</b>	<b>4,213</b>	<b>4,298</b>	<b>4,384</b>	<b>4,471</b>	

Franchise Coverage:

Municipalities of Basco, Mahatao, Ivana Uyugan, Sabtang, and Itbayat.

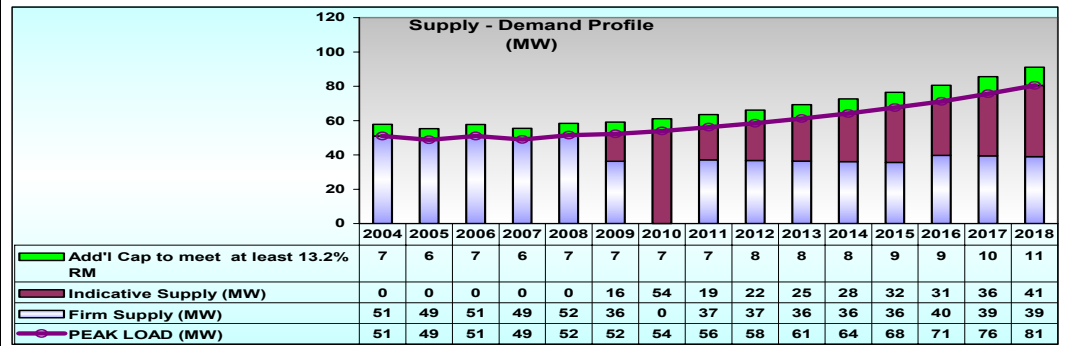
# REGION 3 ELECTRIC COOPERATIVES

## Peninsula Electric Cooperative, Inc. (PENELCO)

General Information	
Location	Balanga, Bataan
Contact Person	Engr. Edwin C. Zaldivar
Position	Engineering Manager
Tel. No:	(047) 237-3512/13
Fax No:	(047) 791-5103
E-mail Address	info@penelco.com
Coverage Area	1,373 sq.km.
No. of barangays	241
Franchise Population	

### SUPPLY HIGHLIGHTS

As of 1997, PENELCO has energized all of its barangays, including 2 in Pampanga and 1 in Zambales. By the year 2011, power purchase agreement with GNP will take effect at 40MW level for the first 5 years.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	126,183	133,092	139,968	147,174	154,726	162,641	170,783	179,191	189,803	201,033	5%
Commercial	7,400	7,696	8,003	8,404	8,824	9,265	9,728	10,215	10,827	11,477	5%
Industrial	723	759	797	837	878	922	969	1,017	1,078	1,143	5%
Others	1,918	1,919	1,921	1,923	1,924	1,926	1,928	1,930	1,932	1,934	0.4%
<b>Total</b>	<b>136,223</b>	<b>143,465</b>	<b>150,690</b>	<b>158,337</b>	<b>166,353</b>	<b>174,755</b>	<b>183,408</b>	<b>192,353</b>	<b>203,640</b>	<b>215,587</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	158,987	167,990	178,423	189,555	202,377	216,076	231,732	248,483	268,761	290,728	7%
Commercial	24,024	24,951	26,022	27,348	28,874	30,499	32,357	34,333	36,750	39,348	5%
Industrial	45,630	47,344	49,379	51,623	54,233	56,984	60,206	63,608	67,781	72,244	5%
Others	13,550	13,679	13,822	14,004	14,195	14,388	14,690	14,997	15,311	15,632	2%
<b>Total</b>	<b>242,191</b>	<b>253,964</b>	<b>267,646</b>	<b>282,529</b>	<b>299,679</b>	<b>317,947</b>	<b>338,984</b>	<b>361,422</b>	<b>388,603</b>	<b>417,952</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	25	35	5	5	5						75
Expansion(ckt-km)	22	34	5	5	5						70
Rehabilitation(ckt-km)	3	2									5
Substation Capacity (MVA)		10	10	5	10						35
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	136	146	139	152	167	176	193	213	234	257	1,812
Expansion	117	140	139	152	167						714
Rehabilitation	19	6				176	193	213	234	257	1,098
Substation Projects	45	24	24	18	24						135
Electrification Projects	67	38	34	41	48	34	56	32	55	58	464
<b>Total</b>	<b>248</b>	<b>208</b>	<b>197</b>	<b>211</b>	<b>238</b>	<b>210</b>	<b>249</b>	<b>245</b>	<b>289</b>	<b>315</b>	<b>2,412</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	241	241	241	241	241	241	241	241	241	241	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	<b>241</b>	
<b>Household Level (%)</b>	<b>81%</b>	<b>83%</b>	<b>84%</b>	<b>86%</b>	<b>87%</b>	<b>89%</b>	<b>90%</b>	<b>92%</b>	<b>95%</b>	<b>97%</b>	
No. of Households Electrified (On-Grid)	125,483	131,757	138,345	145,262	152,525	160,151	168,159	176,567	187,178	198,409	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>125,483</b>	<b>131,757</b>	<b>138,345</b>	<b>145,262</b>	<b>152,525</b>	<b>160,151</b>	<b>168,159</b>	<b>176,567</b>	<b>187,178</b>	<b>198,409</b>	

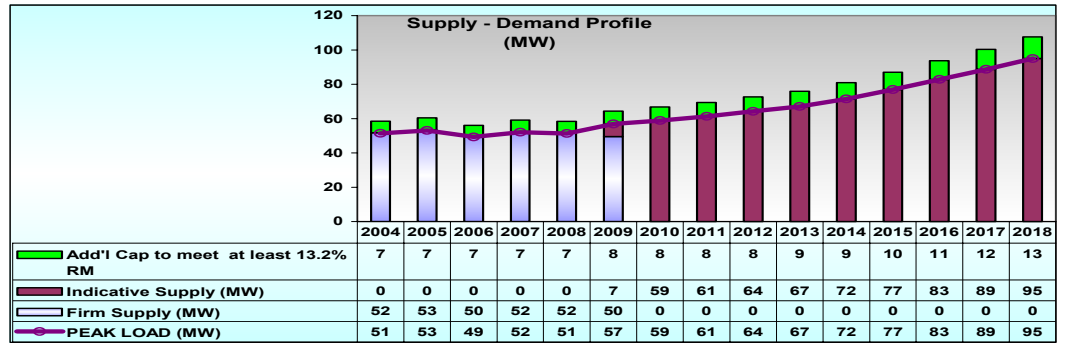
Franchise Coverage:

Province of Bataan, comprising of Balanga City and Municipalities of Dinalupihan, Hermosa Orani, Samal, Abucay, Pilar, Orion, Limay, Mariveles, Bagac and Morong.



## Pampanga II Electric Cooperative, Inc. (PELCO II)

General Information	
Location	San Roque, Guagua, Pampanga
Contact Person	Amador T. Guevarra
Position	General Manager
Tel. No:	(045) 900-0623
Fax No:	(045) 901-0534
E-mail Address	pelco_2@yahoo.com
Coverage Area	
No. of barangays	175
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>PELCO II intends to put up a 5 MVA substation in Bacolor in CY 2009, a 10 MVA substation in Poblacion, Mabalacat in CY 2010, and a 10 MVA substation in San Roque, Dau in CY 2011. Power Supply from NPC is current until CY 2018.</p>	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	115,601	121,808	128,302	134,632	141,279	148,258	155,586	163,280	171,359	179,842	5%
Commercial	3,814	3,830	3,846	3,861	3,877	3,892	3,908	3,923	3,939	3,955	0%
Industrial	96	98	101	103	105	107	109	111	113	116	2%
Others	12,068	12,070	12,072	12,073	12,075	12,077	12,078	12,079	12,081	12,082	0.1%
<b>Total</b>	<b>131,579</b>	<b>137,806</b>	<b>144,321</b>	<b>150,670</b>	<b>157,336</b>	<b>164,334</b>	<b>171,681</b>	<b>179,394</b>	<b>187,492</b>	<b>195,995</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	184,896	202,022	220,818	241,401	263,988	288,780	318,746	351,810	388,291	428,543	10%
Commercial	40,799	42,362	43,986	45,672	47,422	49,240	51,167	53,171	55,252	57,415	4%
Industrial	14,442	15,046	15,678	16,332	17,014	17,726	18,535	19,381	20,266	21,192	4%
Others	32,912	33,155	33,540	33,934	34,337	34,749	35,120	35,499	35,888	36,287	17%
<b>Total</b>	<b>273,049</b>	<b>292,586</b>	<b>314,022</b>	<b>337,338</b>	<b>362,761</b>	<b>390,494</b>	<b>423,568</b>	<b>459,861</b>	<b>499,698</b>	<b>543,436</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	88	29	6	13	9	6					152
Expansion(ckt-km)	62	11	1		6						80
Rehabilitation(ckt-km)	27	18	5	13	3	6					71
Substation Capacity (MVA)	5		10		10						25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	209	110	83	139	107	4					652
Expansion	146	43	14		69						273
Rehabilitation	63	67	69	139	38	4					379
Substation Projects	18	34	24		24						100
Electrification Projects	41	41	39	31	31	24	25	27	28	29	317
<b>Total</b>	<b>268</b>	<b>185</b>	<b>147</b>	<b>170</b>	<b>162</b>	<b>28</b>	<b>25</b>	<b>27</b>	<b>28</b>	<b>29</b>	<b>1,069</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	175	175	175	175	175	175	175	175	175	175	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	
<b>Household Level (%)</b>	<b>83%</b>	<b>84%</b>	<b>85%</b>	<b>87%</b>	<b>88%</b>	<b>89%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	<b>93%</b>	
No. of Households Electrified (On-Grid)	114,831	120,573	126,601	132,931	139,578	146,557	153,885	161,579	169,658	178,141	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>114,831</b>	<b>120,573</b>	<b>126,601</b>	<b>132,931</b>	<b>139,578</b>	<b>146,557</b>	<b>153,885</b>	<b>161,579</b>	<b>169,658</b>	<b>178,141</b>	

Franchise Coverage:

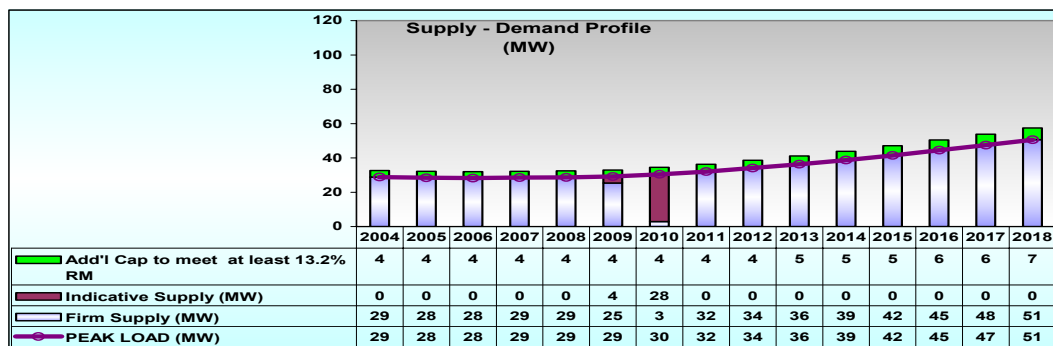
Municipalities Covered: Guagua, Bacolor, Sasmuan, Sta. Rita, Lubao, Porac, and Mabalacat.

## Tarlac I Electric Cooperative, Inc. (TARELCO I)

General Information	
Location	Amacalan, Gerona, Tarlac
Contact Person	Engr. Resurreccion R. Coronel
Position	General Manager
Tel. No:	(045) 931-0972
Fax No:	(045) 931-0973
E-mail Address	gmcorex@yahoo.com
Coverage Area	2,000 sq.km.
No. of barangays	421
Franchise Population	

### SUPPLY HIGHLIGHTS

The total peak demand reflected is based on a non coincidental peak. The total peak is the summation of all the maximum demand of 5 maintained substations. TSC Contract will expire on Sept. 2009. The Coop is planning to renew its contract requirement (approx 90% to Genco, 10% to WESM). TARELCO I will have a contract with GNPower starting 2011.



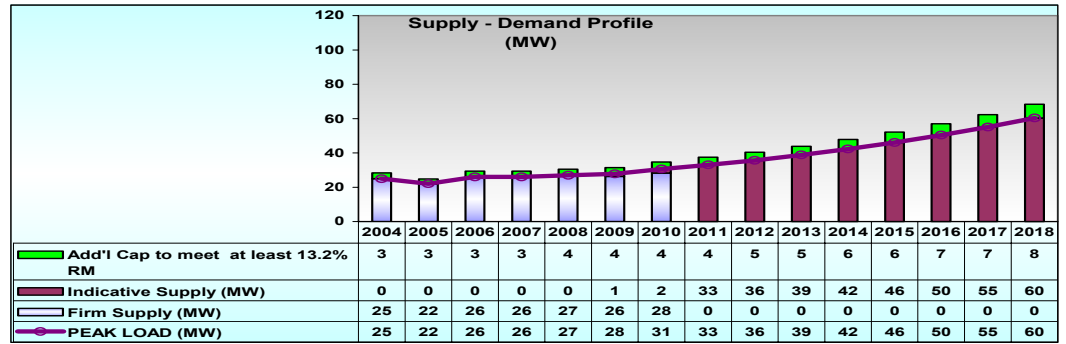
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	113,260	120,410	129,077	138,311	148,198	158,710	169,719	181,493	192,289	203,732	7%
Commercial	3,699	3,736	3,792	3,849	3,907	3,966	4,025	4,085	4,147	4,209	1%
Industrial	209	212	216	220	225	229	234	238	243	248	2%
Others	3,751	3,748	3,752	3,752	3,753	3,754	3,754	3,755	3,755	3,756	0.1%
<b>Total</b>	<b>120,918</b>	<b>128,106</b>	<b>136,837</b>	<b>146,133</b>	<b>156,083</b>	<b>166,658</b>	<b>177,732</b>	<b>189,571</b>	<b>200,434</b>	<b>211,945</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	89,118	94,594	101,492	109,615	118,464	128,084	139,274	151,451	163,259	175,954	8%
Commercial	15,523	15,976	16,516	17,075	17,652	18,250	18,869	19,508	20,170	20,854	3%
Industrial	16,060	16,603	17,156	17,728	18,337	18,985	19,655	20,350	21,070	21,814	3%
Others	9,575	9,721	9,889	10,048	10,195	10,344	10,466	10,591	10,718	10,846	3%
<b>Total</b>	<b>130,275</b>	<b>136,894</b>	<b>145,053</b>	<b>154,466</b>	<b>164,648</b>	<b>175,663</b>	<b>188,264</b>	<b>201,900</b>	<b>215,216</b>	<b>229,469</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	43	29	12	9	17	21	20	7	7	4	169
Expansion(ckt-km)	13	18	2	3	9	12	12				69
Rehabilitation(ckt-km)	30	12	9	6	8	10	8	7	7	4	100
Substation Capacity (MVA)		5	5		5	5	5	10			35
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	98	76	54	52	59	68	66	51	49	49	621
Expansion	29	46	11	19	32	37	39				212
Rehabilitation	69	30	44	32	28	31	27	51	49	49	408
Substation Projects	6	18	18		18	18	18	24			120
Electrification Projects	21	15	20	15	15	22	16	18	16	17	175
<b>Total</b>	<b>125</b>	<b>109</b>	<b>92</b>	<b>66</b>	<b>92</b>	<b>108</b>	<b>100</b>	<b>92</b>	<b>65</b>	<b>66</b>	<b>915</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	421	421	421	421	421	421	421	421	421	421	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	<b>421</b>	
<b>Household Level (%)</b>	<b>79%</b>	<b>79%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	113,095	119,880	128,272	137,251	146,859	157,139	168,138	179,908	190,702	202,145	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>113,095</b>	<b>119,880</b>	<b>128,272</b>	<b>137,251</b>	<b>146,859</b>	<b>157,139</b>	<b>168,138</b>	<b>179,908</b>	<b>190,702</b>	<b>202,145</b>	

### Franchise Coverage:

Covers 13 municipalities and 1 City of Tarlac: Anao, Camiling, Mayantoc, Moncada, Paniqui, Pura, Ramos, San Clemente, San Manuel, Santa Ignacia, Gerona, San Jose, Victoria, Tarlac City and three municipalities of Nueva Ecija namely: Cuyapo, Guimba, and Na.

## Pampanga I Electric Cooperative, Inc. (PELCO I)

General Information	
Location	Sto. Domingo, Mexico, Pampanga
Contact Person	Eng'r Loliano E. Alias
Position	General Manager
Tel. No:	(045) 966-0604
Fax No:	(045) 966-0270
E-mail Address	pelco1_mexico72@yahoo.com
Coverage Area	
No. of barangays	112
Franchise Population	
SUPPLY HIGHLIGHTS	
Assignment of TSC from NPC to Masinloc/AES effective June 2008. Power Supply Contract will expire in CY 2010.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	69,484	76,522	80,482	84,867	89,321	94,090	99,173	104,610	110,432	116,670	6%
Commercial	3,245	3,505	3,785	4,088	4,415	4,769	5,150	5,562	6,007	6,488	8%
Industrial	22	22	22	22	22	22	22	22	22	22	0%
Others	1,083	1,091	1,101	1,111	1,123	1,135	1,149	1,164	1,181	1,199	2%
<b>Total</b>	<b>73,834</b>	<b>81,140</b>	<b>85,390</b>	<b>90,088</b>	<b>94,880</b>	<b>100,016</b>	<b>105,494</b>	<b>111,358</b>	<b>117,641</b>	<b>124,378</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	88,210	99,464	107,054	115,450	124,498	134,382	145,181	156,993	169,927	184,096	8%
Commercial	26,191	29,701	33,681	38,194	43,312	49,116	55,698	63,161	71,625	81,223	13%
Industrial	3,241	3,273	3,306	3,339	3,372	3,406	3,440	3,474	3,509	3,544	1%
Others	6,019	6,220	6,432	6,656	6,892	7,143	7,410	7,694	7,997	8,320	4%
<b>Total</b>	<b>123,662</b>	<b>138,659</b>	<b>150,472</b>	<b>163,639</b>	<b>178,075</b>	<b>194,048</b>	<b>211,729</b>	<b>231,323</b>	<b>253,058</b>	<b>277,183</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	15	12	6	11	1			1			45
<i>Expansion(ckt-km)</i>	9	3	3	2	1			1			18
<i>Rehabilitation(ckt-km)</i>	5	9	3	9							27
Substation Capacity (MVA)			10					10			20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	66	65	60	49	33	63	45	43	50	47	520
<i>Expansion</i>	42	14	26	10	33			43			168
<i>Rehabilitation</i>	24	51	34	39		63	45		50	47	352
Substation Projects	8	2	24	2	2	8	8	28	2	2	88
Electrification Projects	58	49	44	40	40	46	46	59	54	58	494
<b>Total</b>	<b>132</b>	<b>116</b>	<b>128</b>	<b>91</b>	<b>75</b>	<b>118</b>	<b>100</b>	<b>130</b>	<b>106</b>	<b>106</b>	<b>1,102</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	112	112	112	112	112	112	112	112	112	112	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	
<b>Household Level (%)</b>	<b>68%</b>	<b>73%</b>	<b>75%</b>	<b>76%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>84%</b>	<b>86%</b>	<b>89%</b>	
No. of Households Electrified (On-Grid)	69,244	76,168	79,976	84,135	88,510	93,201	98,234	103,637	109,441	115,679	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>69,244</b>	<b>76,168</b>	<b>79,976</b>	<b>84,135</b>	<b>88,510</b>	<b>93,201</b>	<b>98,234</b>	<b>103,637</b>	<b>109,441</b>	<b>115,679</b>	

Franchise Coverage:

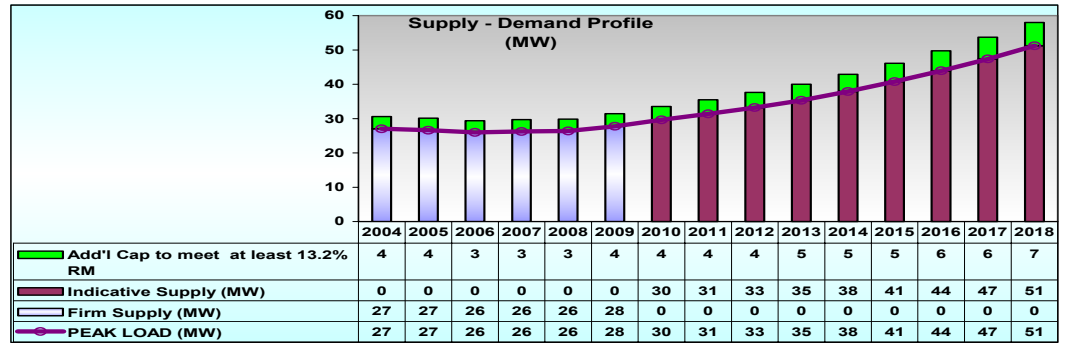
Municipalities of Arayat, Candaba, Magalang, Mexico, San Luis, and Sta. Ana.

## Tarlac II Electric Cooperative, Inc. (TARELCO II)

General Information	
Location	San Nicolas, Concepcion, Tarlac
Contact Person	Engr. Jose F. Bognot Jr.
Position	Officer-In-Charge
Tel. No:	(045) 923-0460
Fax No:	(045) 923-0471
E-mail Address	tarelco2pldt.net
Coverage Area	
No. of barangays	123
Franchise Population	

### SUPPLY HIGHLIGHTS

TARELCO II will prioritize relocation/installation of 5MVA power transformer and the construction of 7.0 km- 69 kV line in Anupul, Bamban. Contract with NPC will expire on December 2011. Contract with GN Power will start on January 2012.



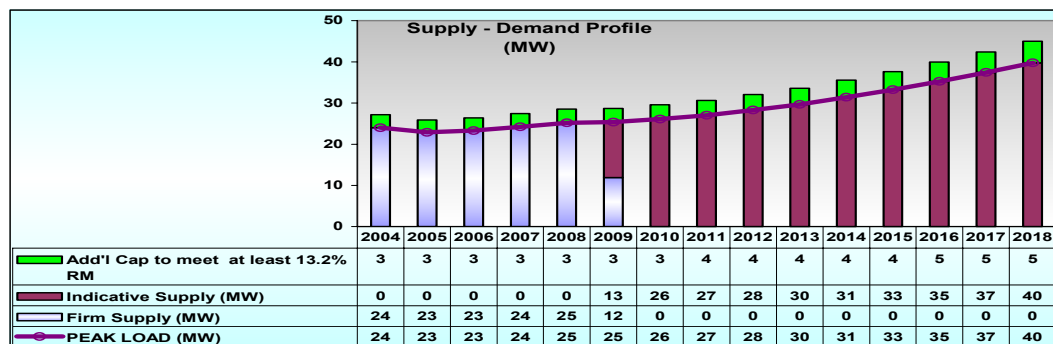
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	66,427	68,751	71,156	73,645	76,221	80,019	84,007	88,195	92,591	97,208	4%
Commercial	3,465	3,568	3,674	3,783	3,896	4,012	4,131	4,254	4,381	4,511	3%
Industrial	66	66	67	68	68	69	70	71	71	72	1%
Others	827	824	826	828	829	830	831	833	834	836	1%
<b>Total</b>	<b>70,785</b>	<b>73,209</b>	<b>75,724</b>	<b>78,324</b>	<b>81,014</b>	<b>84,930</b>	<b>89,040</b>	<b>93,352</b>	<b>97,877</b>	<b>102,626</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	70,394	76,158	81,780	87,989	94,852	103,502	113,245	124,010	135,886	148,975	9%
Commercial	18,915	20,119	21,335	22,615	24,016	25,551	27,235	29,046	30,994	33,091	6%
Industrial	14,705	15,533	15,776	16,030	16,297	16,577	16,870	17,169	17,473	17,783	2%
Others	4,034	4,145	4,207	4,259	4,312	4,367	4,423	4,479	4,536	4,593	2%
<b>Total</b>	<b>108,048</b>	<b>115,955</b>	<b>123,098</b>	<b>130,893</b>	<b>139,477</b>	<b>149,997</b>	<b>161,772</b>	<b>174,704</b>	<b>188,889</b>	<b>204,443</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	10	4									14
<i>Expansion(ckt-km)</i>	7	4									11
<i>Rehabilitation(ckt-km)</i>	3										3
Substation Capacity (MVA)	25	5									30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	74	56	43	43	43	43	43	43	43	43	475
<i>Expansion</i>	50	56									106
<i>Rehabilitation</i>	24		43	43	43	43	43	43	43	43	369
Substation Projects	9	9									18
Electrification Projects	21	15	13	13	13	17	18	18	19	20	167
<b>Total</b>	<b>104</b>	<b>80</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>60</b>	<b>61</b>	<b>62</b>	<b>62</b>	<b>63</b>	<b>660</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	123	123	123	123	123	123	123	123	123	123	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	<b>123</b>	
<b>Household Level (%)</b>	<b>73%</b>	<b>73%</b>	<b>73%</b>	<b>74%</b>	<b>74%</b>	<b>76%</b>	<b>78%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	
No. of Households Electrified (On-Grid)	66,195	68,512	70,910	73,392	75,961	79,759	83,747	87,934	92,331	96,947	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>66,195</b>	<b>68,512</b>	<b>70,910</b>	<b>73,392</b>	<b>75,961</b>	<b>79,759</b>	<b>83,747</b>	<b>87,934</b>	<b>92,331</b>	<b>96,947</b>	

Franchise Coverage:

Covers four (4) municipalities: Bamban, Capas, Concepcion, and La Paz.

## Nueva Ecija II Electric Cooperative, Inc.-Area 1 (NEECO II - AREA 1)

General Information	
Location	Calipahan, Talavera, Nueva Ecija
Contact Person	Eulalia M. Castro
Position	OIC-General Manager
Tel. No:	(044) 411-1007
Fax No:	(044) 411-1007
E-mail Address	neeco2_area1@yahoo.com.ph
Coverage Area	
No. of barangays	291
Franchise Population	
SUPPLY HIGHLIGHTS	
At present NPC is the only power supplier of NEECO II Area 1.	



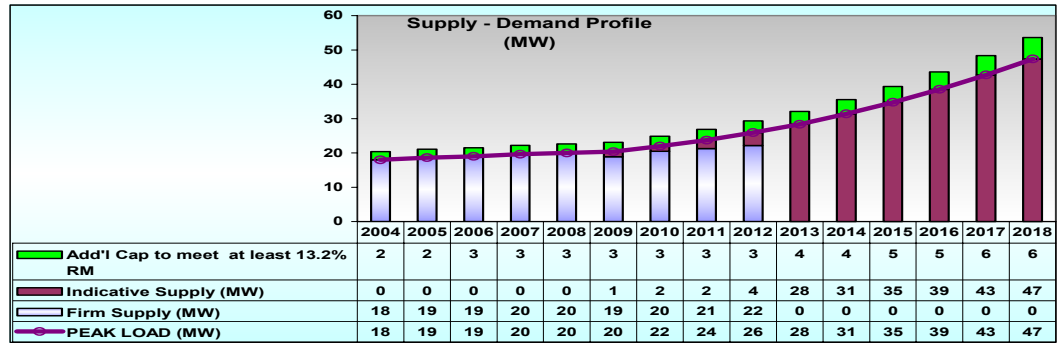
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	77,736	80,910	84,197	88,509	92,973	97,624	102,506	107,632	113,012	118,661	5%
Commercial	1,984	2,023	2,044	2,064	2,085	2,105	2,127	2,148	2,169	2,191	1%
Industrial	374	386	398	411	424	437	451	466	481	496	3%
Others	1,606	1,606	1,606	1,605	1,605	1,606	1,606	1,606	1,606	1,606	0.1%
<b>Total</b>	<b>81,699</b>	<b>84,924</b>	<b>88,244</b>	<b>92,589</b>	<b>97,087</b>	<b>101,772</b>	<b>106,690</b>	<b>111,851</b>	<b>117,268</b>	<b>122,954</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	65,583	69,470	73,588	80,225	85,782	91,730	98,098	104,914	112,211	120,024	7%
Commercial	4,945	5,142	5,296	5,454	5,617	5,785	5,958	6,136	6,320	6,509	3%
Industrial	19,091	19,880	20,703	21,560	22,454	23,385	24,356	25,367	26,421	27,519	4%
Others	3,270	3,327	3,388	2,277	2,321	2,369	2,421	2,478	2,541	2,611	-1%
<b>Total</b>	<b>92,889</b>	<b>97,819</b>	<b>102,974</b>	<b>109,516</b>	<b>116,174</b>	<b>123,269</b>	<b>130,832</b>	<b>138,895</b>	<b>147,493</b>	<b>156,663</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	11	13	12	14	12	12	10	10	10	10	114
Expansion(ckt-km)	1	3	2	4	2	2					13
Rehabilitation(ckt-km)	11	10	10	10	10	10	10	10	10	10	101
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	49	47	47	49	47	47	45	45	45	45	467
Expansion	4	10	7	15	7	7					49
Rehabilitation	45	37	40	34	40	40	45	45	45	45	418
Substation Projects		16		12							28
Electrification Projects	27	16	23	20	20	19	20	21	22	23	212
<b>Total</b>	<b>76</b>	<b>78</b>	<b>70</b>	<b>81</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>67</b>	<b>67</b>	<b>68</b>	<b>706</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	291	291	291	291	291	291	291	291	291	291	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	<b>291</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>71%</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	<b>74%</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>79%</b>	
No. of Households Electrified (On-Grid)	77,658	80,764	83,995	88,195	92,604	97,235	102,096	107,201	112,561	118,189	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>77,658</b>	<b>80,764</b>	<b>83,995</b>	<b>88,195</b>	<b>92,604</b>	<b>97,235</b>	<b>102,096</b>	<b>107,201</b>	<b>112,561</b>	<b>118,189</b>	

Franchise Coverage:

Municipalities of Talavera, Aliaga, Guimba, Talugtung, Lupao Carranglan, Sto. Domingo, Quezon, Licab & Science, and the City of Munoz.

## Nueva Ecija I Electric Cooperative, Inc. (NEECO I)

General Information	
Location	Malapit, San Isidro, Nueva Ecija
Contact Person	Engr. Bonifacio A. Patiag
Position	General Manager
Tel. No:	(044) 486-0201
Fax No:	(044) 486-2026
E-mail Address	
Coverage Area	
No. of barangays	97
Franchise Population	
SUPPLY HIGHLIGHTS	
A plan of putting up of 1-20 MVA Substation in City of Gapan is considered as a top priority project. Power Supply Contract with First Gen will expired on CY 2012.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	59,019	62,412	65,489	68,720	72,113	76,387	80,918	85,721	90,812	96,209	5%
Commercial	2,588	2,610	2,618	2,625	2,631	2,638	2,644	2,651	2,657	2,664	0%
Industrial	74	74	75	76	77	77	78	79	80	81	1%
Others	134	141	142	142	142	142	142	142	142	142	1%
<b>Total</b>	<b>61,816</b>	<b>65,237</b>	<b>68,324</b>	<b>71,563</b>	<b>74,963</b>	<b>79,245</b>	<b>83,783</b>	<b>88,593</b>	<b>93,692</b>	<b>99,096</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	68,979	76,794	85,487	95,160	105,914	118,995	133,693	150,208	168,763	189,613	12%
Commercial	11,581	12,193	12,837	13,515	14,227	14,975	15,762	16,591	17,464	18,382	5%
Industrial	15,261	16,947	18,819	20,898	23,206	25,770	28,617	31,779	35,290	39,190	11%
Others	1,264	1,277	1,290	1,305	1,319	1,332	1,346	1,360	1,374	1,387	1%
<b>Total</b>	<b>97,085</b>	<b>107,211</b>	<b>118,433</b>	<b>130,878</b>	<b>144,666</b>	<b>161,073</b>	<b>179,419</b>	<b>199,938</b>	<b>222,891</b>	<b>248,572</b>	<b>11%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	13	7	14	9	1						43
Expansion(ckt-km)	9	6	12								27
Rehabilitation(ckt-km)	4	1	2	9	1						16
Substation Capacity (MVA)	20		10								30
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	53	41	50	38	33	33	33	33	33	33	379
Expansion	37	36	44								118
Rehabilitation	16	5	6	38	33	33	33	33	33	33	262
Substation Projects	35	15	24								74
Electrification Projects	22	14	23	13	16	15	19	17	18	19	176
<b>Total</b>	<b>110</b>	<b>70</b>	<b>98</b>	<b>51</b>	<b>49</b>	<b>48</b>	<b>52</b>	<b>50</b>	<b>51</b>	<b>52</b>	<b>630</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	97	97	97	97	97	97	97	97	97	97	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	<b>97</b>	
<b>Household Level (%)</b>	<b>78%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>82%</b>	<b>84%</b>	<b>85%</b>	<b>87%</b>	<b>89%</b>	<b>91%</b>	
No. of Households Electrified (On-Grid)	58,611	61,542	64,619	67,850	71,242	75,517	80,048	84,851	89,942	95,338	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>58,611</b>	<b>61,542</b>	<b>64,619</b>	<b>67,850</b>	<b>71,242</b>	<b>75,517</b>	<b>80,048</b>	<b>84,851</b>	<b>89,942</b>	<b>95,338</b>	

Franchise Coverage:

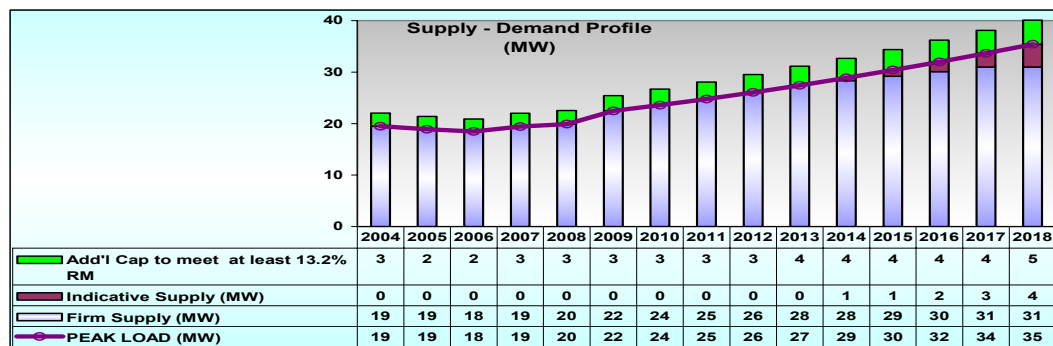
Gapan City, San Isidro, Cabiao, Jaen, and San Antonio Nueva Ecija.

## Nueva Ecija II Electric Cooperative, Inc.-Area 2 (NEECO II - AREA 2)

General Information	
Location	Maharlika Hiway, Diversion, San Leonardo Nueva
Contact Person	Ramon M. De Vera
Position	General Manager
Tel. No:	(044) 806-0959
Fax No:	(044) 486-3668
E-mail Address	neecoi_area2@yahoo.com
Coverage Area	1,934.20 sq.km.
No. of barangays	228
Franchise Population	

### SUPPLY HIGHLIGHTS

NEECO II-AREA 2 will install a 10 MVA substation at Penaranda in CY 2010 and another 10 MVA in Palayan City in CY 2012. The EC's power supply contract with NPC-First Gen thru CSEE expired last June 2008. A Bilateral Contract (CY 2008 - 2018) with First Gen is now for approval. Though the Contract is for 10 years, only the first year (CY 2008-2009) includes rate provisions. Rate provisions for the succeeding years are still in the process of deliberation and evaluation.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	68,016	70,923	73,789	76,663	79,539	82,326	85,114	87,905	90,693	93,480	4%
Commercial	1,608	1,608	1,608	1,608	1,608	1,608	1,608	1,608	1,608	1,608	0%
Industrial	100	100	100	100	100	100	100	100	100	100	0%
Others	746	753	753	751	751	751	751	751	751	751	0%
<b>Total</b>	<b>70,470</b>	<b>73,383</b>	<b>76,249</b>	<b>79,123</b>	<b>81,999</b>	<b>84,785</b>	<b>87,572</b>	<b>90,364</b>	<b>93,152</b>	<b>95,939</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	65,985	69,312	72,885	76,720	80,681	84,767	88,985	93,342	97,833	102,464	5%
Commercial	10,569	11,188	11,855	12,574	13,349	14,186	15,088	16,061	17,111	18,244	6%
Industrial	18,576	20,062	21,667	23,401	25,273	27,295	29,478	31,837	34,383	37,134	8%
Others	4,005	4,058	4,104	4,149	4,197	4,245	4,295	4,347	4,399	4,454	1%
<b>Total</b>	<b>99,135</b>	<b>104,620</b>	<b>110,511</b>	<b>116,843</b>	<b>123,500</b>	<b>130,493</b>	<b>137,846</b>	<b>145,586</b>	<b>153,728</b>	<b>162,296</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	21	6	20	2	28		27		17		122
Expansion(ckt-km)	18	3	15	2	28		27		17		110
Rehabilitation(ckt-km)	3	3	6								12
Substation Capacity (MVA)		10		10		5		10		5	40
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	69	42	57	38	71	36	72	36	58	36	514
Expansion	58	23	41	38	71		72		58		361
Rehabilitation	10	20	16			36		36		36	152
Substation Projects		24		24		18		24		18	108
Electrification Projects	20	10	11	12	11	10	12	10	10	11	117
<b>Total</b>	<b>89</b>	<b>77</b>	<b>67</b>	<b>74</b>	<b>81</b>	<b>64</b>	<b>84</b>	<b>70</b>	<b>69</b>	<b>65</b>	<b>739</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	228	228	228	228	228	228	228	228	228	228	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	<b>228</b>	
<b>Household Level (%)</b>	<b>65%</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>69%</b>	<b>70%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	
No. of Households Electrified (On-Grid)	67,721	70,481	73,241	76,001	78,760	81,520	84,280	87,044	89,804	92,564	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>67,721</b>	<b>70,481</b>	<b>73,241</b>	<b>76,001</b>	<b>78,760</b>	<b>81,520</b>	<b>84,280</b>	<b>87,044</b>	<b>89,804</b>	<b>92,564</b>	

### Franchise Coverage:

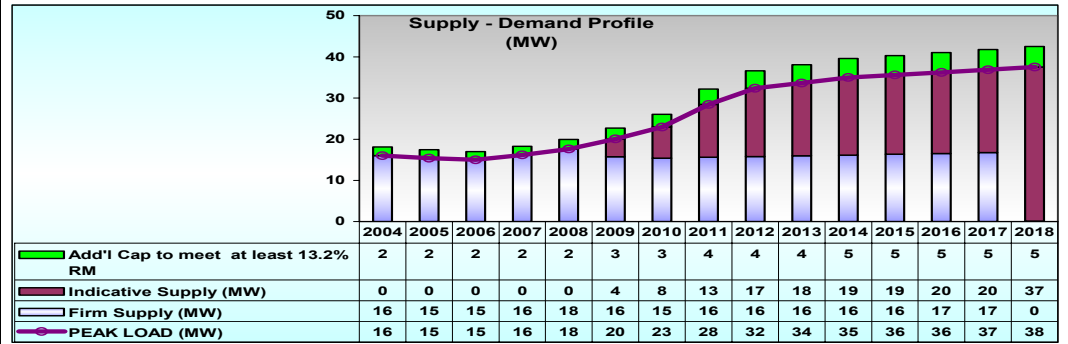
Gen. Llanera, Gen. Natividad, Rizal and Palayan City. The town of Dingalan, which is now within the area coverage of Aurora Electric Coop., Inc., is connected to NEECO II-A2 Bongabon Substation Feeder I.

## Zambales II Electric Cooperative, Inc. (ZAMECO II)

General Information	
Location	Magsaysay, Castillejos, Zambales
Contact Person	Engr. Alvin M. Farrales
Position	General Manager
Tel. No:	(047) 623-2401
Fax No:	(047) 623-2402
E-mail Address	alvinmfph@yahoo.com
Coverage Area	
No. of barangays	112
Franchise Population	

### SUPPLY HIGHLIGHTS

Transition Supply Contract from NPC is until CY 2017. ZAMECO II will install a 5 MVA substation in Castillejos in CY 2009, a 5 MVA substation in San Marcelino in CY 2010, a and 10 MVA substation in Cawag in CY 2011.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	52,237	54,818	57,528	60,374	63,362	66,499	69,794	73,253	76,885	80,698	5%
Commercial	3,578	3,792	4,026	4,287	4,565	4,656	4,749	4,844	4,940	5,039	4%
Industrial	73	73	74	75	76	76	77	77	78	79	1%
Others	2,660	2,665	2,667	2,667	2,666	2,666	2,667	2,667	2,667	2,668	0.2%
<b>Total</b>	<b>58,548</b>	<b>61,348</b>	<b>64,295</b>	<b>67,403</b>	<b>70,668</b>	<b>73,898</b>	<b>77,286</b>	<b>80,841</b>	<b>84,570</b>	<b>88,483</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	59,546	63,854	65,249	67,677	69,533	71,460	73,461	75,541	77,704	79,954	4%
Commercial	12,872	14,057	14,452	15,083	15,502	15,602	15,753	15,939	16,149	16,378	3%
Industrial	8,255	8,922	9,244	9,902	9,953	10,007	10,062	10,119	10,177	10,236	3%
Others	17,367	30,256	57,257	74,454	79,394	84,828	86,285	87,771	89,286	90,831	32%
<b>Total</b>	<b>98,040</b>	<b>117,089</b>	<b>146,203</b>	<b>167,116</b>	<b>174,381</b>	<b>181,897</b>	<b>185,562</b>	<b>189,370</b>	<b>193,316</b>	<b>197,398</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	36	11	20	26							92
<i>Expansion(ckt-km)</i>	16	10	11								37
<i>Rehabilitation(ckt-km)</i>	20	1	9	26							55
Substation Capacity (MVA)	5	5	10								20
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	54	31	29	18							132
<i>Expansion</i>	23	29	16								68
<i>Rehabilitation</i>	30	3	12	18							64
Substation Projects	18	18	26	2	4						68
Electrification Projects	40	14	27	23	24	27	24	12	17	13	220
<b>Total</b>	<b>112</b>	<b>63</b>	<b>81</b>	<b>43</b>	<b>28</b>	<b>27</b>	<b>24</b>	<b>12</b>	<b>17</b>	<b>13</b>	<b>420</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	112	112	112	112	112	112	112	112	112	112	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	
<b>Household Level (%)</b>	<b>77%</b>	<b>77%</b>	<b>78%</b>	<b>79%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	
No. of Households Electrified (On-Grid)	51,622	54,203	56,913	59,759	62,747	65,884	69,179	72,638	76,270	80,083	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>51,622</b>	<b>54,203</b>	<b>56,913</b>	<b>59,759</b>	<b>62,747</b>	<b>65,884</b>	<b>69,179</b>	<b>72,638</b>	<b>76,270</b>	<b>80,083</b>	

Franchise Coverage:

Subic, Castillejos, San Marcelino, San Antonio, San Narciso, San Felipe, and Cabangon.

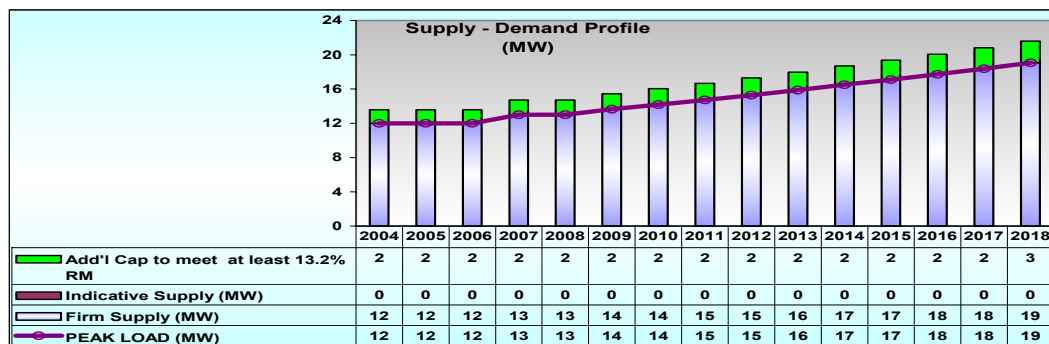


## Zambales I Electric Cooperative, Inc. (ZAMECO I)

General Information	
Location	San Vicente, Palauig, Zambales
Contact Person	Engr. Rene A. Divino
Position	General Manager
Tel. No:	047-603-0106
Fax No:	047-821-10-29
E-mail Address	zameco1mail@yahoo.com
Coverage Area	
No. of barangays	118
Franchise Population	

### SUPPLY HIGHLIGHTS

ZAMECO I will install a 10 MVA Substation at Sta. Cruz in CY 2010. Supply from NPC expired in CY 2008. Power Supply from Masinloc Power-AES is current until CY 2018.



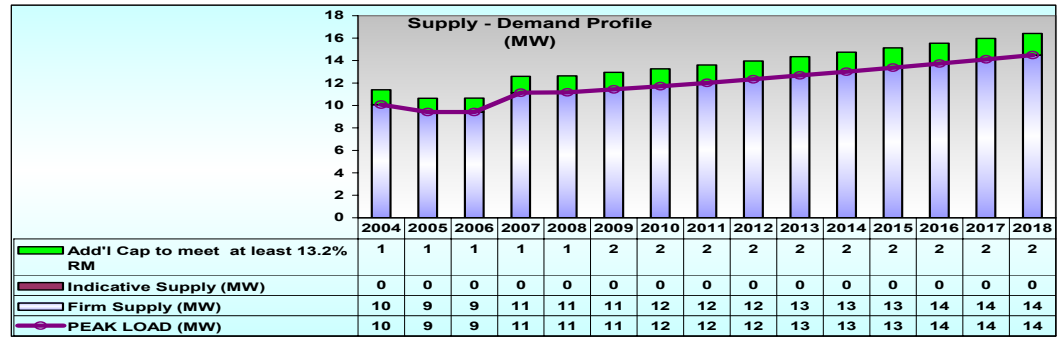
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	36,422	37,693	39,008	40,368	41,775	43,230	44,718	46,257	47,850	49,499	4%
Commercial	2,839	2,876	2,914	2,953	2,992	3,031	3,070	3,110	3,149	3,190	2%
Industrial	100	102	104	106	108	110	113	115	117	119	2%
Others	496	499	500	500	501	501	502	502	502	502	1%
<b>Total</b>	<b>39,857</b>	<b>41,171</b>	<b>42,526</b>	<b>43,927</b>	<b>45,376</b>	<b>46,873</b>	<b>48,402</b>	<b>49,983</b>	<b>51,619</b>	<b>53,311</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	36,165	38,353	40,686	43,165	45,796	48,588	51,546	54,685	58,016	61,549	6%
Commercial	8,647	8,847	9,053	9,263	9,478	9,698	9,922	10,151	10,385	10,625	2%
Industrial	10,588	11,016	11,461	11,924	12,406	12,907	13,429	13,971	14,536	15,123	4%
Others	5,451	5,743	6,037	6,350	6,685	7,042	7,133	7,226	7,322	7,421	12%
<b>Total</b>	<b>60,851</b>	<b>63,959</b>	<b>67,237</b>	<b>70,702</b>	<b>74,365</b>	<b>78,235</b>	<b>82,030</b>	<b>86,034</b>	<b>90,259</b>	<b>94,719</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	33			3							36
<i>Expansion(ckt-km)</i>	31										31
<i>Rehabilitation(ckt-km)</i>	2			3							5
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements (in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	37	1	1	11	8	10	11	11	10	10	108
<i>Expansion</i>	35										35
<i>Rehabilitation</i>	2	1	1	11	8	10	11	11	10	10	72
Substation Projects	3	24									27
Electrification Projects	18	15	5	4	11	13	4	5	5	5	84
<b>Total</b>	<b>59</b>	<b>39</b>	<b>7</b>	<b>15</b>	<b>18</b>	<b>23</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>220</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	118	118	118	118	118	118	118	118	118	118	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	<b>118</b>	
<b>Household Level (%)</b>	<b>73%</b>	<b>74%</b>	<b>74%</b>	<b>75%</b>	<b>75%</b>	<b>75%</b>	<b>76%</b>	<b>76%</b>	<b>77%</b>	<b>77%</b>	
No. of Households Electrified (On-Grid)	35,779	37,031	38,327	39,669	41,057	42,494	43,982	45,521	47,114	48,763	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>35,779</b>	<b>37,031</b>	<b>38,327</b>	<b>39,669</b>	<b>41,057</b>	<b>42,494</b>	<b>43,982</b>	<b>45,521</b>	<b>47,114</b>	<b>48,763</b>	

Franchise Coverage:

Botolan, Iba, Palauig, Masinloc, Candelaria, and Sta. Cruz.

## San Jose City Electric Cooperative, Inc. (SAJELCO)

General Information	
Location	Maharlika Road, San Jose City, Nueva Ecija
Contact Person	Celestino P. Pobre
Position	General Manager
Tel. No:	(044) 511-0375
Fax No:	(044) 511-0374 local 102
E-mail Address	sajelco_coop2004@yahoo.com
Coverage Area	187.25 sq.km.
No. of barangays	40
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	22,905	23,706	24,536	25,395	26,283	27,203	28,156	28,141	30,161	31,217	4%
Commercial	1,939	1,968	1,997	2,027	2,058	2,088	2,120	2,152	2,184	2,217	2%
Industrial	49	50	51	52	53	54	55	56	57	58	2%
Others	2,204	2,221	2,238	2,254	2,271	2,289	2,306	2,323	2,341	2,359	1%
<b>Total</b>	<b>27,097</b>	<b>27,945</b>	<b>28,822</b>	<b>29,728</b>	<b>30,665</b>	<b>31,634</b>	<b>32,637</b>	<b>32,672</b>	<b>34,743</b>	<b>35,851</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	21,366	22,007	22,668	23,348	24,048	24,769	25,513	26,278	27,066	27,878	3%
Commercial	9,118	9,391	9,673	9,963	10,262	10,570	10,887	11,213	11,550	11,896	3%
Industrial	17,118	17,631	18,160	18,705	19,266	19,844	20,439	21,052	21,684	22,335	3%
Others	1,896	1,953	2,012	2,072	2,134	2,198	2,264	2,332	2,402	2,474	3%
<b>Total</b>	<b>49,498</b>	<b>50,982</b>	<b>52,513</b>	<b>54,088</b>	<b>55,710</b>	<b>57,381</b>	<b>59,103</b>	<b>60,875</b>	<b>62,702</b>	<b>64,583</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	32	21	17	13	19	20	17	18	20	279	455
<i>Expansion(ckt-km)</i>	17	10	8	7	10	10	9	10	11	12	103
<i>Rehabilitation(ckt-km)</i>	14	10	8	7	10	10	8	9	10	267	352
Substation Capacity (MVA)							5				5
Reactive Power Compensation Plan (MVAr)		1		1		1		1		1	5
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	12	10	10	11	10	12	10	12	11	12	107
<i>Expansion</i>	7	5	5	5	5	6	5	6	6	0.5	49
<i>Rehabilitation</i>	5	5	5	5	5	6	4	5	5	12	57
Substation Projects				13			30				43
Electrification Projects	10	10	10	10	10	10	10	10	10	10	100
<b>Total</b>	<b>22</b>	<b>20</b>	<b>20</b>	<b>34</b>	<b>20</b>	<b>22</b>	<b>50</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>250</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
Barangay Level (%)	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	
No. of Barangays Electrified (On-Grid)	40	40	40	40	40	40	40	40	40	40	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	
Household Level (%)	85%	86%	88%	89%	91%	92%	94%	95%	97%	98%	
No. of Households Electrified (On-Grid)	22,905	23,706	24,536	25,395	26,283	27,203	28,156	28,141	30,161	31,217	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>22,905</b>	<b>23,706</b>	<b>24,536</b>	<b>25,395</b>	<b>26,283</b>	<b>27,203</b>	<b>28,156</b>	<b>28,141</b>	<b>30,161</b>	<b>31,217</b>	

Franchise Coverage:

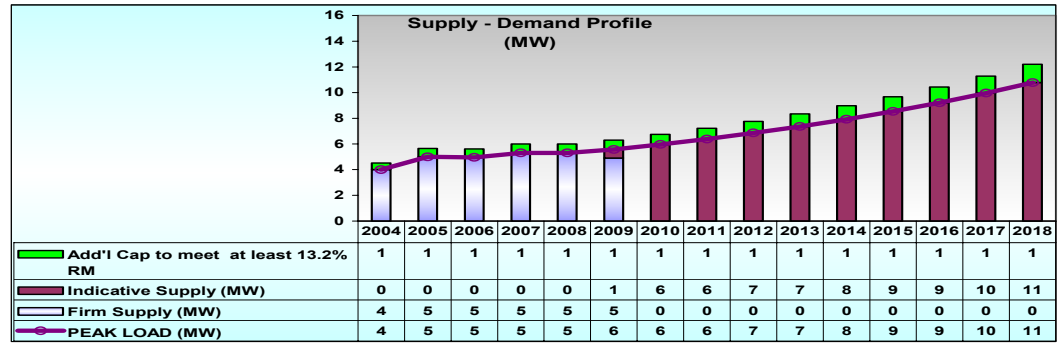
San Jose City, Nueva Ecija

## Pampanga Rural Electric Service Cooperative, Inc. (PRESCO)

General Information	
Location	Brgy. Anao, Mexico, Pampanga
Contact Person	Mr. Efren M. Tongol
Position	General Manager
Tel. No:	(045) 436-0794/95
Fax No:	
E-mail Address	presco4u2001@yahoo.com
Coverage Area	290 sq.km.
No. of barangays	34
Franchise Population	

### SUPPLY HIGHLIGHTS

PRESCO sources its power from NPC through TSC until CY 2018.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	14,275	14,846	15,441	16,059	16,701	17,370	18,065	18,788	19,539	20,321	4%
Commercial	372	408	446	489	535	586	642	703	769	843	10%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	225	225	226	226	227	228	229	230	232	234	1%
<b>Total</b>	<b>14,872</b>	<b>15,479</b>	<b>16,113</b>	<b>16,774</b>	<b>17,464</b>	<b>18,184</b>	<b>18,935</b>	<b>19,721</b>	<b>20,541</b>	<b>21,398</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	18,681	19,666	20,704	21,797	22,948	24,161	25,439	26,785	28,202	29,696	5%
Commercial	4,913	5,611	6,410	7,323	8,367	9,559	10,923	12,481	14,262	16,297	14%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	636	660	692	726	763	801	841	884	929	977	5%
<b>Total</b>	<b>24,229</b>	<b>25,937</b>	<b>27,806</b>	<b>29,846</b>	<b>32,078</b>	<b>34,522</b>	<b>37,203</b>	<b>40,150</b>	<b>43,393</b>	<b>46,970</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	3	1				4					8
<i>Expansion(ckt-km)</i>	1					4					5
<i>Rehabilitation(ckt-km)</i>	3	1									4
Substation Capacity (MVA)						5					5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements (in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	13	11	5	5	5	10	5	5	5	5	68
<i>Expansion</i>	3					10					13
<i>Rehabilitation</i>	10	11	5	5	5		5	5	5	5	55
Substation Projects						18					18
Electrification Projects	6	6	5	3	3	4	3	3	3	3	38
<b>Total</b>	<b>18</b>	<b>16</b>	<b>10</b>	<b>8</b>	<b>7</b>	<b>32</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>124</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	34	34	34	34	34	34	34	34	34	34	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	<b>34</b>	
<b>Household Level (%)</b>	<b>74%</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	14,271	14,842	15,435	16,053	16,695	17,363	18,057	18,780	19,531	20,312	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>14,271</b>	<b>14,842</b>	<b>15,435</b>	<b>16,053</b>	<b>16,695</b>	<b>17,363</b>	<b>18,057</b>	<b>18,780</b>	<b>19,531</b>	<b>20,312</b>	

Franchise Coverage:

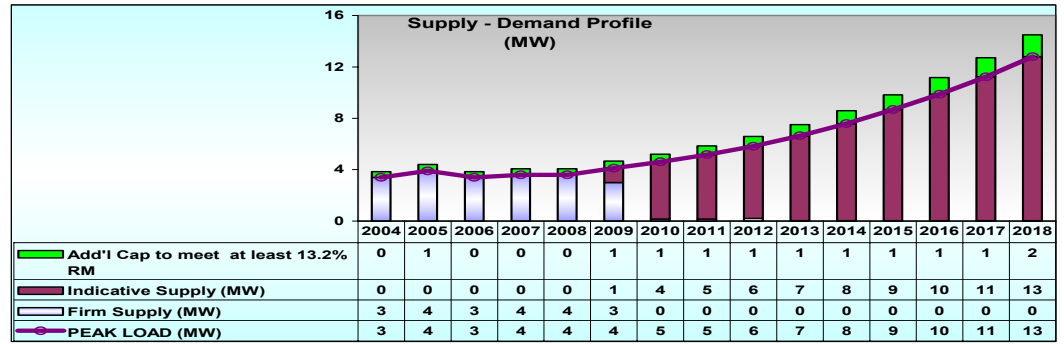
4 municipalities: Mexico, Magalang, Arayat, and Sta. Ana.

## Aurora Electric Cooperative, Inc. (AURELCO)

General Information	
Location	Brgy. Reserva, Baler, Aurora
Contact Person	Engr. Agripino A. Teh San
Position	General Manager
Tel. No:	(042) 209-4238
Fax No:	(042) 209-4238
E-mail Address	erictehsan@yahoo.com
Coverage Area	
No. of barangays	157
Franchise Population	

### SUPPLY HIGHLIGHTS

AURELCO will be renewing its Transition Supply Contract in CY 2009 and will be putting up an additional 10 MVA substation in CY 2010.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	27,844	29,794	31,704	33,778	36,591	39,469	42,573	45,489	48,606	51,940	7%
Commercial	1,284	1,383	1,470	1,590	1,715	1,813	1,917	2,025	2,140	2,262	7%
Industrial	110	121	129	135	142	148	156	163	170	178	6%
Others	1,126	1,149	1,164	1,188	1,193	1,227	1,237	1,248	1,259	1,272	2%
<b>Total</b>	<b>30,365</b>	<b>32,447</b>	<b>34,466</b>	<b>36,691</b>	<b>39,641</b>	<b>42,657</b>	<b>45,883</b>	<b>48,925</b>	<b>52,177</b>	<b>55,651</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	14,647	16,777	19,184	21,909	25,485	29,688	34,550	39,848	45,940	52,971	15%
Commercial	2,236	2,493	2,769	3,135	3,553	3,983	4,471	5,008	5,612	6,289	12%
Industrial	773	886	1,050	1,241	1,468	1,721	2,055	2,429	2,870	3,391	18%
Others	2,730	2,869	3,014	3,173	3,335	3,589	3,791	4,007	4,237	4,483	6%
<b>Total</b>	<b>20,386</b>	<b>23,026</b>	<b>26,016</b>	<b>29,459</b>	<b>33,841</b>	<b>38,982</b>	<b>44,866</b>	<b>51,291</b>	<b>58,658</b>	<b>67,134</b>	<b>14%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	31	1	4	1	1						38
Expansion(ckt-km)	6	1	4	1	1						13
Rehabilitation(ckt-km)	25										25
Substation Capacity (MVA)		10						5			15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	32										32
Expansion	6										6
Rehabilitation	26										26
Substation Projects											
Electrification Projects	55					14	16	15	17	17	135
<b>Total</b>	<b>87</b>					<b>14</b>	<b>16</b>	<b>15</b>	<b>17</b>	<b>17</b>	<b>166</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	157	157	157	157	157	157	157	157	157	157	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	<b>157</b>	
<b>Household Level (%)</b>	<b>65%</b>	<b>67%</b>	<b>69%</b>	<b>71%</b>	<b>75%</b>	<b>79%</b>	<b>83%</b>	<b>87%</b>	<b>90%</b>	<b>94%</b>	
No. of Households Electrified (On-Grid)	27,424	29,070	30,814	32,663	35,276	38,098	41,146	44,026	47,108	50,405	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>27,424</b>	<b>29,070</b>	<b>30,814</b>	<b>32,663</b>	<b>35,276</b>	<b>38,098</b>	<b>41,146</b>	<b>44,026</b>	<b>47,108</b>	<b>50,405</b>	

Franchise Coverage:

Baler, San Luis, Dipaculao, Ma. Aurora, Dinalungan, Casiguran, Dilasag, Dingalan, and Dinapigue, Isabela.

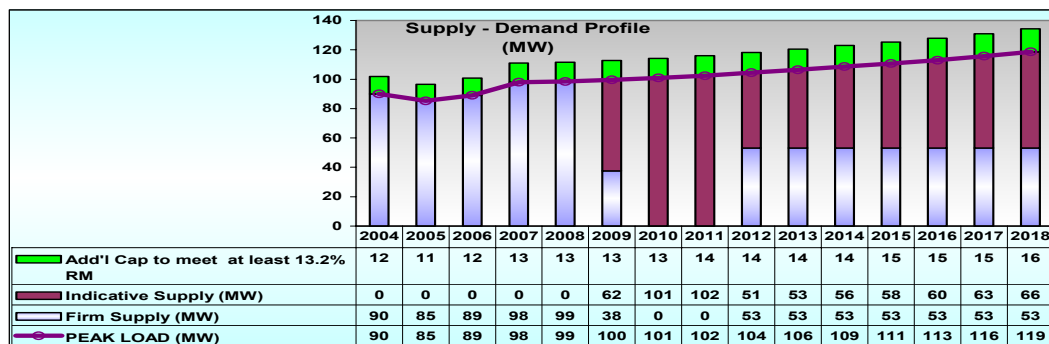
**REGION 4A  
ELECTRIC COOPERATIVES**

## Batangas II Electric Cooperative, Inc. (BATELEC II)

General Information	
Location	Antipolo del Norte, Lipa City
Contact Person	Marilyn LM. Caguimbal
Position	General Manager
Tel. No:	(043) 757-0951
Fax No:	(043) 757-0951
E-mail Address	
Coverage Area	
No. of barangays	483
Franchise Population	

### SUPPLY HIGHLIGHTS

Current power supply agreement with NPC is until December 26, 2011.2. Contract energy levels for 2009 to 2011 shall be submitted by BATELEC II to NPC on annual basis. Power supply with GNP will start on July 2012 after the termination of TSC with NPC. BATELEC II signed PPSA with GNP for 316,411 MWhr minimum. Minimum 10% of total supply requirement will be drawn from WESM.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	175,787	182,445	188,886	195,573	202,500	209,677	217,322	225,250	233,474	243,160	4%
Commercial	7,339	7,596	7,862	8,137	8,422	8,716	9,021	9,337	9,664	10,002	3%
Industrial	31	32	33	34	35	36	37	38	39	40	3%
Others	25,444	25,483	25,524	25,566	25,610	25,656	25,704	25,753	25,805	25,858	1%
<b>Total</b>	<b>208,601</b>	<b>215,556</b>	<b>222,304</b>	<b>229,310</b>	<b>236,567</b>	<b>244,085</b>	<b>252,084</b>	<b>260,379</b>	<b>268,981</b>	<b>279,061</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	193,803	198,847	204,075	210,592	217,351	224,390	231,796	239,519	247,576	256,450	3%
Commercial	100,063	102,508	105,043	107,671	110,398	113,226	116,161	119,207	122,369	125,652	3%
Industrial	14,599	15,220	15,872	16,555	17,271	18,021	18,809	19,635	20,502	21,412	4%
Others	207,256	210,683	214,605	219,041	222,551	226,406	228,737	231,330	236,051	240,944	3%
<b>Total</b>	<b>515,720</b>	<b>527,258</b>	<b>539,594</b>	<b>553,859</b>	<b>567,571</b>	<b>582,044</b>	<b>595,503</b>	<b>609,691</b>	<b>626,498</b>	<b>644,458</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	142	66	7								215
<i>Expansion(ckt-km)</i>	46	14	7								67
<i>Rehabilitation(ckt-km)</i>	95	52									148
Substation Capacity (MVA)	30	40	40	10	20	30	10	10	10	10	210
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	289	65	51	47	46	44	43	42	40	39	705
<i>Expansion</i>	95	13	51								159
<i>Rehabilitation</i>	194	51		47	46	44	43	42	40	39	546
Substation Projects	78	93	93	24	48	54	24	24	24	24	486
Electrification Projects	37	41	48	43	56	44	51	46	59	51	478
<b>Total</b>	<b>404</b>	<b>199</b>	<b>193</b>	<b>114</b>	<b>149</b>	<b>142</b>	<b>118</b>	<b>112</b>	<b>123</b>	<b>114</b>	<b>1,669</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	467	467	467	467	467	467	467	467	467	467	
No. of Barangays Electrified (Off-Grid)	16	16	16	16	16	16	16	16	16	16	
<b>Total</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	<b>483</b>	
<b>Household Level (%)</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>83%</b>	<b>83%</b>	<b>83%</b>	<b>83%</b>	
No. of Households Electrified (On-Grid)	174,268	180,368	186,680	193,401	200,363	207,576	215,257	223,221	231,480	241,203	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>174,268</b>	<b>180,368</b>	<b>186,680</b>	<b>193,401</b>	<b>200,363</b>	<b>207,576</b>	<b>215,257</b>	<b>223,221</b>	<b>231,480</b>	<b>241,203</b>	

Franchise Coverage:

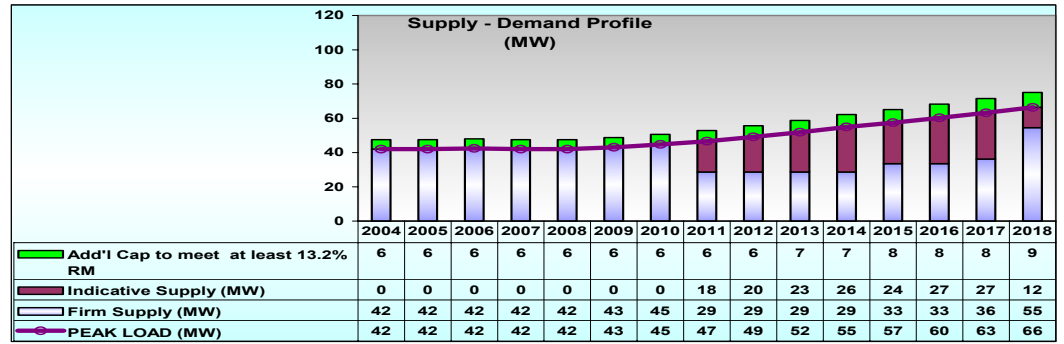
Lipa City, Tanauan City, Rosario, Balete, Alitagtag, Cuenca, Mataas na Kahoy, San Jose, Mabini, Tingloy, San Juan, Lobo, Taysan, Padre Garcia, Malvar, Talisay, and Laurel.

## Batangas I Electric Cooperative, Inc. (BATELEC I)

General Information	
Location	Brgy. Bagong Tubig, Calaca, Batangas
Contact Person	Engr. Ricardo C. Castillo, Jr.
Position	Officer-In-Charge
Tel. No:	(043) 424-0100
Fax No:	(043) 424-0413
E-mail Address	www.batelec1.com
Coverage Area	1,800 sq.km.
No. of barangays	366
Franchise Population	

### SUPPLY HIGHLIGHTS

Transition Supply Contract (TSC) with NPC will expire on December 2010.  
Power Purchase and Sale Agreement with GN Power will start 2011.



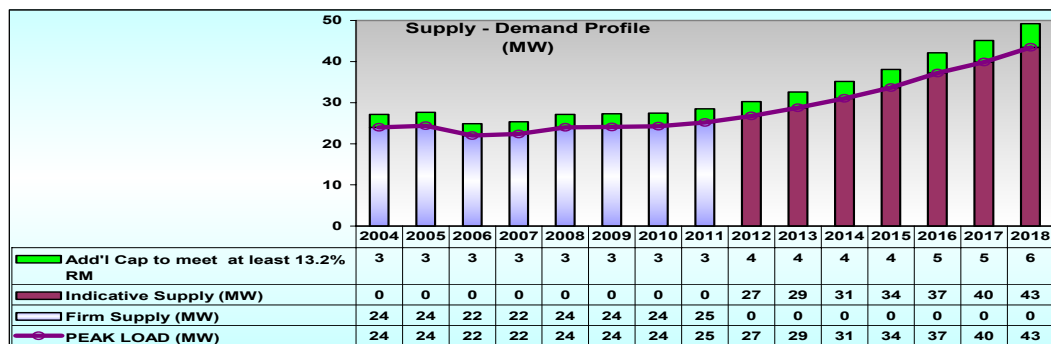
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	112,053	116,595	122,301	128,285	134,557	141,136	148,038	155,426	163,183	171,327	5%
Commercial	3,819	3,827	3,834	3,838	3,842	3,846	3,850	3,854	3,858	3,861	0%
Industrial	14	14	14	14	14	14	14	14	14	14	0%
Others	10,334	10,373	10,376	10,381	10,386	10,392	10,397	10,403	10,409	10,415	0.3%
<b>Total</b>	<b>126,220</b>	<b>130,808</b>	<b>136,525</b>	<b>142,519</b>	<b>148,800</b>	<b>155,388</b>	<b>162,299</b>	<b>169,697</b>	<b>177,463</b>	<b>185,618</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	109,060	114,463	121,161	128,254	135,762	143,712	152,130	161,197	170,807	180,992	6%
Commercial	62,610	65,249	67,994	70,784	73,688	76,711	79,859	83,135	86,546	90,097	4%
Industrial	17,391	18,483	19,644	20,878	22,189	23,582	25,063	26,637	28,310	30,088	6%
Others	20,602	22,049	23,646	25,601	28,019	31,035	31,528	32,034	32,555	33,090	7%
<b>Total</b>	<b>209,664</b>	<b>220,245</b>	<b>232,445</b>	<b>245,516</b>	<b>259,657</b>	<b>275,040</b>	<b>288,580</b>	<b>303,003</b>	<b>318,218</b>	<b>334,267</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	25	29	1	15	3	12	3	1	8	10	108
Expansion(ckt-km)	1	15		14		6		1		7	43
Rehabilitation(ckt-km)	24	14	1	1	3	6	3	1	8	3	65
Substation Capacity (MVA)	15										15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	107	107	43	74	31	52	58	58	63	60	653
Expansion	5	55		67		27		22		44	220
Rehabilitation	102	52	43	7	31	25	58	36	63	16	433
Substation Projects	5	24		24		18			18		89
Electrification Projects	52	63	68	72	75	73	74	75	77	78	707
<b>Total</b>	<b>164</b>	<b>194</b>	<b>111</b>	<b>146</b>	<b>130</b>	<b>125</b>	<b>150</b>	<b>134</b>	<b>158</b>	<b>138</b>	<b>1,449</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	366	366	366	366	366	366	366	366	366	366	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	
<b>Household Level (%)</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>82%</b>	<b>82%</b>	<b>83%</b>	<b>83%</b>	
No. of Households Electrified (On-Grid)	111,847	116,321	122,020	127,999	134,271	140,851	147,752	155,140	162,897	171,042	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>111,847</b>	<b>116,321</b>	<b>122,020</b>	<b>127,999</b>	<b>134,271</b>	<b>140,851</b>	<b>147,752</b>	<b>155,140</b>	<b>162,897</b>	<b>171,042</b>	

Franchise Coverage:

Covers twelve (12) municipalities in western Batangas, namely; Agoncillo, Balayan, Calaca, Calatagan, Lemery, Lian, Nasugbu, San Luis, San Nicolas, Sta. Teresita, Taal and Tuy.

## Quezon I Electric Cooperative, Inc. (QUEZELCO I)

General Information	
Location	Brgy. Pocol, Pitogo
Contact Person	Engr. Carlito M. Rufo, Jr.
Position	General Manager
Tel. No:	(042) 318-8156
Fax No:	(042) 318-8156
E-mail Address	
Coverage Area	4,391.76 sq.km.
No. of barangays	805
Franchise Population	



### SUPPLY HIGHLIGHTS

QUEZELCO I's Transition Supply Contract (TSC) with NPC expires in December 2011.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	101,393	107,458	113,889	120,706	127,932	135,591	143,711	152,317	161,440	171,111	6%
Commercial	3,182	3,278	3,377	3,479	3,584	3,692	3,804	3,918	4,037	4,159	3%
Industrial	1	1	1	1	1	1	1	1	1	1	1%
Others	2,873	2,873	2,873	2,873	2,873	2,873	2,873	2,873	2,873	2,873	0%
<b>Total</b>	<b>107,450</b>	<b>113,610</b>	<b>120,140</b>	<b>127,059</b>	<b>134,390</b>	<b>142,158</b>	<b>150,388</b>	<b>159,110</b>	<b>168,351</b>	<b>178,144</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	62,150	68,930	77,451	87,084	97,940	110,161	123,912	139,381	156,779	176,346	12%
Commercial	18,248	19,378	20,617	21,975	23,444	25,054	26,818	28,709	30,736	32,909	6%
Industrial	4,716	4,763	4,810	4,859	4,907	4,956	5,006	5,056	5,106	5,157	1%
Others	6,870	7,188	7,585	8,005	8,521	9,073	9,661	10,291	10,963	11,681	6%
<b>Total</b>	<b>91,983</b>	<b>100,259</b>	<b>110,464</b>	<b>121,923</b>	<b>134,812</b>	<b>149,243</b>	<b>165,397</b>	<b>183,437</b>	<b>203,585</b>	<b>226,094</b>	<b>10%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	14	2	1			19				3	39
<i>Expansion(ckt-km)</i>	12					19				3	33
<i>Rehabilitation(ckt-km)</i>	3	2	1								6
Substation Capacity (MVA)	15		5			5				5	30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	45	41	34	24	54	70	29	28	28	35	387
<i>Expansion</i>	37					70				35	142
<i>Rehabilitation</i>	8	41	34	24	54		29	28	28		245
Substation Projects	38		18	1		19				18	92
Electrification Projects	10	14	10	12	11	10	10	17	11	10	114
<b>Total</b>	<b>93</b>	<b>55</b>	<b>61</b>	<b>37</b>	<b>65</b>	<b>98</b>	<b>39</b>	<b>45</b>	<b>39</b>	<b>63</b>	<b>594</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	804	804	804	804	804	804	804	804	804	804	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	<b>805</b>	
<b>Household Level (%)</b>	<b>49%</b>	<b>50%</b>	<b>50%</b>	<b>51%</b>	<b>52%</b>	<b>52%</b>	<b>53%</b>	<b>53%</b>	<b>54%</b>	<b>54%</b>	
No. of Households Electrified (On-Grid)	101,145	107,214	113,647	120,466	127,694	135,355	143,477	152,085	161,210	170,883	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>101,145</b>	<b>107,214</b>	<b>113,647</b>	<b>120,466</b>	<b>127,694</b>	<b>135,355</b>	<b>143,477</b>	<b>152,085</b>	<b>161,210</b>	<b>170,883</b>	

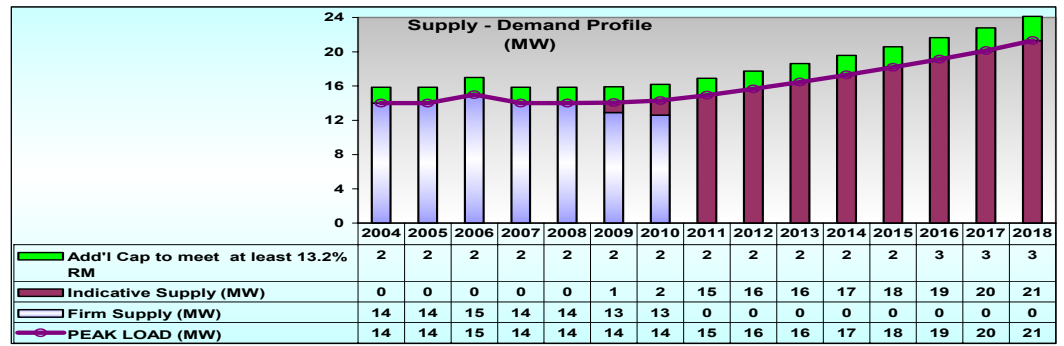
Franchise Coverage:

Municipalities of Pitogo, Macalelon, Gen. Luna, Catanauan, Mulanay, San Narciso, San Francisco, Buenavista, San Andres, Unisan, Agdangan, Padre Burgos, Atimonan, Gumaca, Lopez, Plaridel, Alabat, Quezon, Perez, Calauag, Guinayangan, Tagkawayan, and Del Gallego.



## First Laguna Electric Cooperative, Inc. (FLECO)

General Information	
Location	Brgy. Lewin, Lumban, Laguna
Contact Person	Evelyn C. Icarangal
Position	OIC, General Manager
Tel. No:	(049) 8084478
Fax No:	(049) 8085008
E-mail Address	FLECO-1973@yahoo.com
Coverage Area	562.44 sq.km.
No. of barangays	164
Franchise Population	



SUPPLY HIGHLIGHTS	
Transition Supply Contract with NPC will expire in CY 2010.	

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	42,884	45,141	47,513	49,960	52,535	55,244	58,093	61,090	64,244	67,561	5%
Commercial	1,771	1,792	1,812	1,830	1,848	1,866	1,884	1,902	1,921	1,940	1%
Industrial	66	67	68	68	69	70	70	71	72	72	1%
Others	656	667	679	688	699	711	725	740	757	776	3%
<b>Total</b>	<b>45,377</b>	<b>47,667</b>	<b>50,072</b>	<b>52,547</b>	<b>55,151</b>	<b>57,890</b>	<b>60,772</b>	<b>63,804</b>	<b>66,994</b>	<b>70,350</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	45,243	47,976	50,899	54,014	57,343	60,904	64,713	68,786	73,145	77,808	6%
Commercial	8,345	8,893	9,477	10,096	10,755	11,458	12,207	13,005	13,856	14,763	7%
Industrial	4,994	5,275	5,566	5,873	6,197	6,540	6,902	7,284	7,687	8,113	6%
Others	3,330	3,579	3,874	4,166	4,485	4,833	5,214	5,632	6,091	6,596	8%
<b>Total</b>	<b>61,912</b>	<b>65,723</b>	<b>69,816</b>	<b>74,149</b>	<b>78,781</b>	<b>83,735</b>	<b>89,035</b>	<b>94,707</b>	<b>100,778</b>	<b>107,280</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	44	12	6	4	6						72
<i>Expansion(ckt-km)</i>	26	0			6						32
<i>Rehabilitation(ckt-km)</i>	18	12	6	4							40
Substation Capacity (MVA)	20	5							10		35
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	69	41	26	32	30	31	32	32	32	32	358
<i>Expansion</i>	41				30						71
<i>Rehabilitation</i>	28	41	26	32		31	32	32	32	32	287
Substation Projects	60	18							20		98
Electrification Projects	13	6	7	6	6	6	7	7	8	7	73
<b>Total</b>	<b>142</b>	<b>65</b>	<b>33</b>	<b>38</b>	<b>37</b>	<b>37</b>	<b>39</b>	<b>39</b>	<b>60</b>	<b>40</b>	<b>529</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	164	164	164	164	164	164	164	164	164	164	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	<b>164</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>61%</b>	<b>61%</b>	<b>61%</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	<b>63%</b>	<b>63%</b>	
No. of Households Electrified (On-Grid)	42,527	44,739	47,065	49,512	52,087	54,795	57,645	60,642	63,796	67,113	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>42,527</b>	<b>44,739</b>	<b>47,065</b>	<b>49,512</b>	<b>52,087</b>	<b>54,795</b>	<b>57,645</b>	<b>60,642</b>	<b>63,796</b>	<b>67,113</b>	

Franchise Coverage:

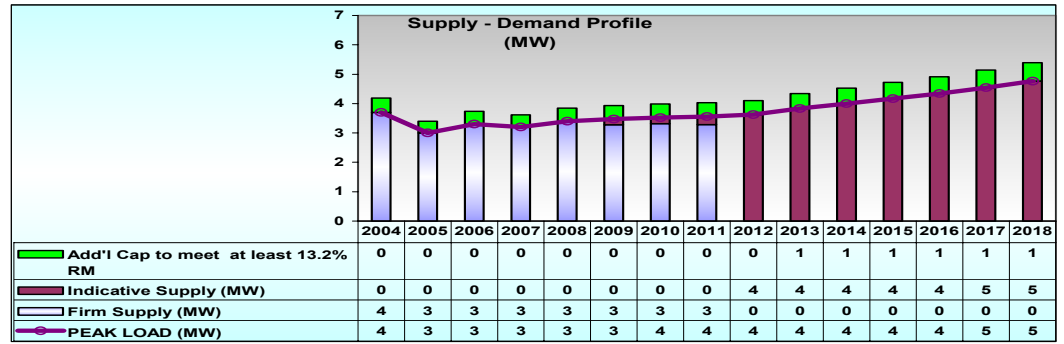
11 Municipalities - Sta. Maria, Famy, Mabitac, Siniloan, Pangil, Pakil, Paete, Kalayaan, Lumban, Pagsanjan, and Cavinti.

## Quezon II Electric Cooperative, Inc. (QUEZELCO II)

General Information	
Location	Brgy. Gumian Infanta, Quezon
Contact Person	Victor R. Cada
Position	General Manager
Tel. No:	(042) 535-3406
Fax No:	(042) 535-3151
E-mail Address	
Coverage Area	3,209 sq.km.
No. of barangays	129
Franchise Population	

### SUPPLY HIGHLIGHTS

Transition Supply Contract with NPC will expire in December 2009.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	21,220	23,479	24,925	26,452	28,066	29,502	31,005	32,579	34,227	36,280	7%
Commercial	1,203	1,267	1,332	1,399	1,470	1,544	1,622	1,702	1,786	1,874	5%
Industrial	36	36	37	38	39	39	40	41	42	43	2%
Others	557	564	565	566	564	566	566	566	567	567	0.5%
<b>Total</b>	<b>23,016</b>	<b>25,347</b>	<b>26,859</b>	<b>28,455</b>	<b>30,139</b>	<b>31,651</b>	<b>33,234</b>	<b>34,889</b>	<b>36,622</b>	<b>38,763</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	12,684	13,086	13,398	13,862	14,488	15,133	15,810	16,365	17,106	17,905	4%
Commercial	3,216	3,286	3,358	3,432	3,542	3,691	3,847	4,047	4,259	4,482	4%
Industrial	1,014	1,049	1,087	1,129	1,175	1,225	1,279	1,363	1,454	1,553	5%
Others	1,374	1,408	1,451	1,496	1,542	1,590	1,640	1,702	1,767	1,834	3%
<b>Total</b>	<b>18,288</b>	<b>18,829</b>	<b>19,294</b>	<b>19,919</b>	<b>20,747</b>	<b>21,639</b>	<b>22,577</b>	<b>23,477</b>	<b>24,585</b>	<b>25,774</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	60	11									71
<i>Expansion(ckt-km)</i>	47	11									58
<i>Rehabilitation(ckt-km)</i>	13										13
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	42	11	5	6	6	6	6	6	6	6	97
<i>Expansion</i>	32	11									43
<i>Rehabilitation</i>	9		5	6	6	6	6	6	6	6	54
Substation Projects	18										18
Electrification Projects	12	9	11	7	8	6	9	7	9	9	88
<b>Total</b>	<b>72</b>	<b>20</b>	<b>16</b>	<b>12</b>	<b>14</b>	<b>12</b>	<b>15</b>	<b>13</b>	<b>15</b>	<b>15</b>	<b>204</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	87	87	87	87	87	87	87	87	87	87	
No. of Barangays Electrified (Off-Grid)	42	42	42	42	42	42	42	42	42	42	
<b>Total</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	<b>129</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>63%</b>	<b>67%</b>	<b>71%</b>	<b>74%</b>	<b>78%</b>	<b>81%</b>	<b>85%</b>	<b>89%</b>	<b>93%</b>	
No. of Households Electrified (On-Grid)	20,527	22,580	23,935	25,371	26,893	28,238	29,649	31,132	32,689	34,650	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>20,527</b>	<b>22,580</b>	<b>23,935</b>	<b>25,371</b>	<b>26,893</b>	<b>28,238</b>	<b>29,649</b>	<b>31,132</b>	<b>32,689</b>	<b>34,650</b>	

Franchise Coverage:

QUEZELCO II covers eight municipalities ( 3 mainland and 5 islands): Infanta, Real, Gen. Nakar, Polillo, Burdeos, Panukulan, Patnanungan, and Jomalig.

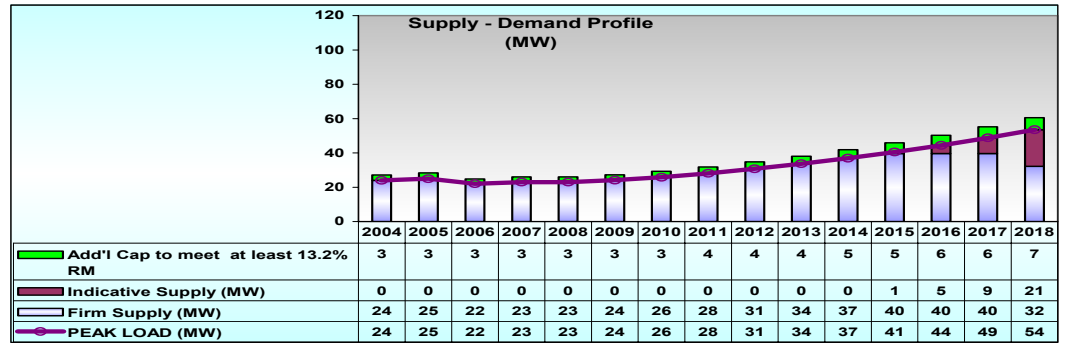
**REGION 4B  
ELECTRIC COOPERATIVES**

## Oriental Mindoro Electric Cooperative, Inc. (ORMECO)

General Information	
Location	Brgy. Sta. Isabel, Calapan City, Oriental Mindoro
Contact Person	Romeo N. Cuasay
Position	General Manager
Tel. No:	(043) 286-9375 , 286-9424, 288-2349
Fax No:	(043) 286-9424
E-mail Address	ormeco_coop@yahoo.com
Coverage Area	4,364.72 sq.km.
No. of barangays	426
Franchise Population	

### SUPPLY HIGHLIGHTS

By 2011, the power development program (supply contracts with IPP) are:  
Breeze Electric (Wind power)=14 MW, Power One Corp/IPP=22MW,  
ORMECO Mini hydro= 4.2MW. NPC power supply of 17 MW will eventually phase out.



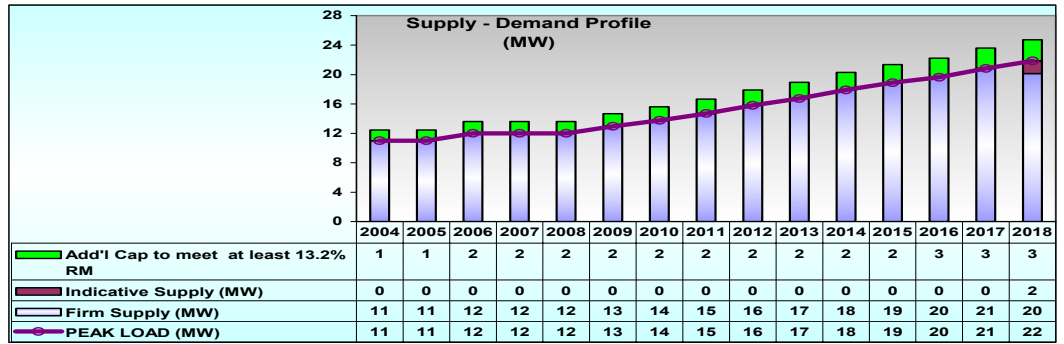
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	85,942	92,182	98,910	106,097	113,763	121,902	130,293	139,270	148,877	159,155	7%
Commercial	8,604	9,122	9,686	10,312	10,996	11,722	12,477	13,281	14,137	15,049	6%
Industrial	85	95	107	120	134	150	168	188	211	236	12%
Others	2,801	2,964	3,155	3,372	3,594	3,838	4,100	4,378	4,676	4,995	7%
<b>Total</b>	<b>97,431</b>	<b>104,363</b>	<b>111,858</b>	<b>119,901</b>	<b>128,487</b>	<b>137,613</b>	<b>147,037</b>	<b>157,117</b>	<b>167,901</b>	<b>179,435</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	67,473	73,131	79,445	86,490	94,203	102,729	111,776	121,632	132,367	144,062	9%
Commercial	32,378	35,039	38,073	41,579	45,563	50,016	54,829	60,110	65,904	72,260	9%
Industrial	9,353	10,528	11,864	13,395	15,140	17,129	19,378	21,923	24,802	28,059	13%
Others	11,763	12,833	14,100	15,582	17,188	19,017	21,140	23,605	26,372	29,474	11%
<b>Total</b>	<b>120,966</b>	<b>131,531</b>	<b>143,482</b>	<b>157,046</b>	<b>172,094</b>	<b>188,890</b>	<b>207,124</b>	<b>227,270</b>	<b>249,445</b>	<b>273,855</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	5	4	1								10
Expansion(ckt-km)	1	4	1								6
Rehabilitation(ckt-km)	4										4
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	49	42	40								131
Expansion	9	42	40								90
Rehabilitation	40										40
Substation Projects	1		9								10
Electrification Projects	26	23	25	27	29	31	33	35	37	39	307
<b>Total</b>	<b>76</b>	<b>65</b>	<b>74</b>	<b>27</b>	<b>29</b>	<b>31</b>	<b>33</b>	<b>35</b>	<b>37</b>	<b>39</b>	<b>447</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	406	406	406	406	406	406	406	406	406	406	
No. of Barangays Electrified (Off-Grid)	20	20	20	20	20	20	20	20	20	20	
<b>Total</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	<b>426</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>61%</b>	<b>65%</b>	<b>69%</b>	<b>73%</b>	<b>77%</b>	<b>82%</b>	<b>86%</b>	<b>91%</b>	<b>97%</b>	
No. of Households Electrified (On-Grid)	85,701	91,528	97,844	104,693	112,021	119,863	128,253	137,231	146,837	157,116	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>85,701</b>	<b>91,528</b>	<b>97,844</b>	<b>104,693</b>	<b>112,021</b>	<b>119,863</b>	<b>128,253</b>	<b>137,231</b>	<b>146,837</b>	<b>157,116</b>	

Franchise Coverage:

ORMECO is the only power provider in the Province of Oriental Mindoro covering Calapan City and fourteen (14) municipalities namely: Puerto Galera, San Teodoro, Baco, Naujan, Victoria, Socorro, Pola, and Pinamalayan.

## Occidental Mindoro Electric Cooperative, Inc. (OMECCO)

General Information	
Location	M.H.del Pilar St. San Jose, Occidental Mindoro
Contact Person	Engr Alex C. Labrador
Position	General Manager
Tel. No:	(043) 491-1364
Fax No:	(043) 491-1364
E-mail Address	
Coverage Area	5,676.40 sq.km.
No. of barangays	137
Franchise Population	
SUPPLY HIGHLIGHTS	
Supply service is provided by the National Power Corporation (NPC-SPUG). The franchise is fed through two (2) substations drawing power from the NPC 69 KV Mindoro Grid.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	47,703	51,334	55,275	59,460	64,081	68,963	74,259	80,020	86,311	93,170	8%
Commercial	3,065	3,206	3,342	3,491	3,651	3,816	3,987	4,164	4,350	4,542	5%
Industrial	44	45	46	47	47	48	49	50	51	52	2%
Others	1,192	1,194	1,197	1,200	1,203	1,206	1,209	1,212	1,216	1,220	1%
<b>Total</b>	<b>52,003</b>	<b>55,779</b>	<b>59,860</b>	<b>64,197</b>	<b>68,982</b>	<b>74,034</b>	<b>79,505</b>	<b>85,447</b>	<b>91,928</b>	<b>98,984</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	26,645	29,208	32,075	35,532	39,439	43,853	48,846	54,510	60,944	68,265	11%
Commercial	9,357	10,112	10,981	11,985	13,145	14,430	15,842	17,392	19,095	20,964	9%
Industrial	2,697	2,946	3,246	3,576	3,940	4,341	4,782	5,269	5,805	6,395	10%
Others	10,085	10,248	10,416	10,579	10,743	10,908	11,076	11,246	11,420	11,598	2%
<b>Total</b>	<b>48,785</b>	<b>52,515</b>	<b>56,718</b>	<b>61,672</b>	<b>67,267</b>	<b>73,532</b>	<b>80,547</b>	<b>88,417</b>	<b>97,264</b>	<b>107,221</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	35	9	7	4	5	5					65
Expansion(ckt-km)	35	9	7	4	5	5					65
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	86	53	57	39	44	20					298
Expansion	86	53	57	39	44	20					298
Rehabilitation											
Substation Projects	18										18
Electrification Projects	18	11	5	8	5	8	6	9	7	10	89
<b>Total</b>	<b>122</b>	<b>65</b>	<b>62</b>	<b>47</b>	<b>49</b>	<b>28</b>	<b>6</b>	<b>9</b>	<b>7</b>	<b>10</b>	<b>405</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	124	124	124	124	124	124	124	124	124	124	
No. of Barangays Electrified (Off-Grid)	13	13	13	13	13	13	13	13	13	13	
<b>Total</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	<b>137</b>	
<b>Household Level (%)</b>	<b>51%</b>	<b>53%</b>	<b>54%</b>	<b>56%</b>	<b>58%</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>67%</b>	<b>69%</b>	
No. of Households Electrified (On-Grid)	46,930	50,356	54,082	58,138	62,557	67,374	72,629	78,367	84,637	91,492	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>46,930</b>	<b>50,356</b>	<b>54,082</b>	<b>58,138</b>	<b>62,557</b>	<b>67,374</b>	<b>72,629</b>	<b>78,367</b>	<b>84,637</b>	<b>91,492</b>	

Franchise Coverage:

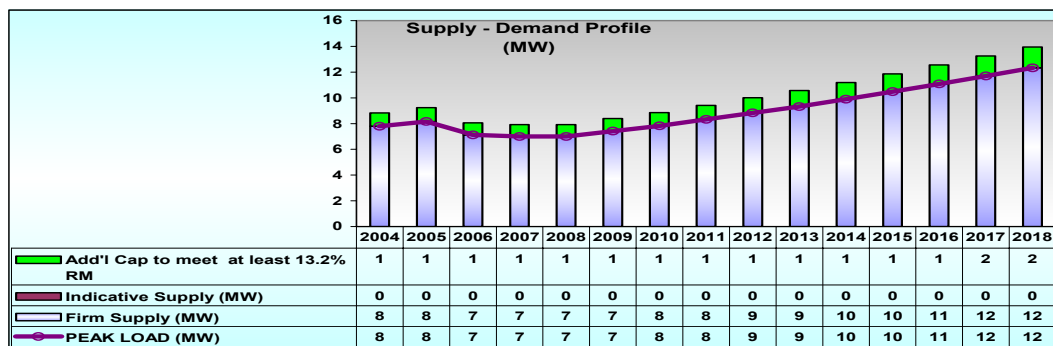
9 Municipalities (San Jose, Magsaysay, Rizal, Calintaan, Sablayan, Sta. Cruz, Mamburao, Abra de Ilog, and Paluan)

## Marinduque Electric Cooperative, Inc. (MARELCO)

General Information	
Location	Ihatub, Boac, Marinduque
Contact Person	Eduardo Q. Bueno
Position	General Manager
Tel. No:	(042) 332-1837
Fax No:	(042) 332-1837
E-mail Address	
Coverage Area	957.67 sq.km.
No. of barangays	218
Franchise Population	

### SUPPLY HIGHLIGHTS

MARELCO draws power from NPC-SPUG which originally operates three (3) power plants located in separate generation sites. The main bulk of power is being supplied from NPC Power Barge 120 (PB 120) which is more adjacent to the Balanacan Port in Mogpog. The entry of 3iPowergen as an NPP (New Power Provider) for MARELCO is being hoped to serve its purpose, that it shall be able to sustain the delivery the anticipated power requirements of MARELCO in the coming years.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	34,297	36,118	37,876	39,674	41,397	42,676	43,941	45,199	46,452	47,649	4%
Commercial	2,233	2,288	2,349	2,402	2,461	2,511	2,563	2,613	2,665	2,712	2%
Industrial	161	168	173	179	184	184	191	197	203	209	3%
Others	1,073	1,073	1,072	1,074	1,073	1,073	1,072	1,071	1,070	1,068	0.5%
<b>Total</b>	<b>37,764</b>	<b>39,647</b>	<b>41,469</b>	<b>43,329</b>	<b>45,115</b>	<b>46,445</b>	<b>47,767</b>	<b>49,081</b>	<b>50,389</b>	<b>51,638</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	18,250	19,866	21,511	23,249	25,026	26,825	28,680	30,585	32,535	34,494	8%
Commercial	3,803	4,054	4,324	4,599	4,884	5,171	5,465	5,761	6,061	6,354	6%
Industrial	1,046	1,117	1,178	1,245	1,309	1,342	1,415	1,489	1,561	1,632	6%
Others	4,274	4,423	4,759	5,057	5,333	5,570	5,829	6,094	6,371	6,640	6%
<b>Total</b>	<b>27,374</b>	<b>29,461</b>	<b>31,771</b>	<b>34,149</b>	<b>36,552</b>	<b>38,908</b>	<b>41,389</b>	<b>43,928</b>	<b>46,528</b>	<b>49,119</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	10	7	5	3	3						28
<i>Expansion(ckt-km)</i>	8	6	3	2	3						22
<i>Rehabilitation(ckt-km)</i>	2	2	2	1							6
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	11	8	6	7	6	5	5	5	5	5	62
<i>Expansion</i>	9	6	4	6	6						31
<i>Rehabilitation</i>	2	2	3	1	0	5	5	5	5	5	31
Substation Projects											
Electrification Projects	5	16	7	7	8	8	9	8	9	9	87
<b>Total</b>	<b>16</b>	<b>24</b>	<b>13</b>	<b>15</b>	<b>14</b>	<b>12</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>149</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	215	215	215	215	215	215	215	215	215	215	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	<b>218</b>	
<b>Household Level (%)</b>	<b>64%</b>	<b>65%</b>	<b>66%</b>	<b>67%</b>	<b>67%</b>	<b>68%</b>	<b>68%</b>	<b>68%</b>	<b>68%</b>	<b>69%</b>	
No. of Households Electrified (On-Grid)	33,737	35,086	36,420	37,767	39,089	40,340	41,590	42,838	44,080	45,270	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,737</b>	<b>35,086</b>	<b>36,420</b>	<b>37,767</b>	<b>39,089</b>	<b>40,340</b>	<b>41,590</b>	<b>42,838</b>	<b>44,080</b>	<b>45,270</b>	

Franchise Coverage:

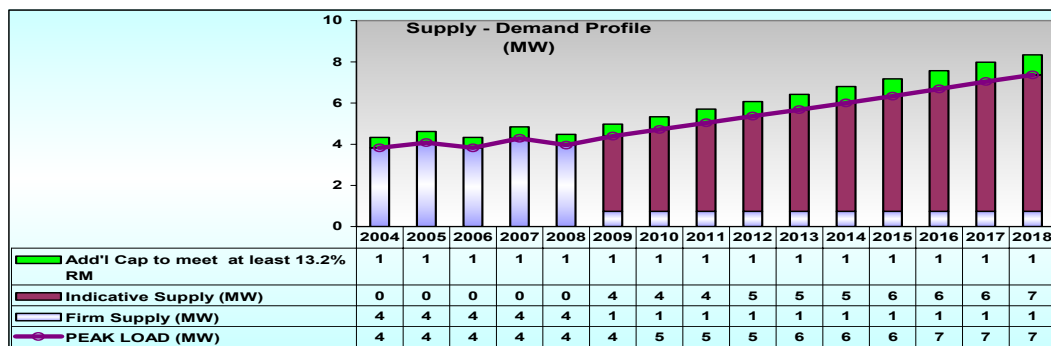
6 Municipalities (Boac, Mogpog, Gasan, Buenavista, Sta. Cruz and Torrijos). Apart from the mainland are three (3) island barangays in Sta. Cruz District, namely; Polo, Maniwaya and Mompong.

## Tablas Island Electric Cooperative, Inc. (TIELCO)

General Information	
Location	Torrel - Dapawan, Odiongan, Romblon
Contact Person	Engr. Orville F. Ferranco
Position	OIC - General Manager
Tel. No:	042 567 5170-72
Fax No:	042 567 5171
E-mail Address	tielco_elecdu@yahoo.com
Coverage Area	690.40 sq.km. (Tablas and Carabao Island)
No. of barangays	112
Franchise Population	

### SUPPLY HIGHLIGHTS

TIELCO at present is confronted with a supply problem from its power producer. 3i PowerGen (NPP) which is supposed to supply TIELCO with power by the end of May 2008 had not complied with the project schedule. NAPOCOR, the existing power supplier has a dependable capacity lower than the EC demand. Load shedding is implemented 3 to 4 hours daily in four municipalities.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	21,163	22,145	23,174	24,151	25,060	25,896	26,735	27,575	28,415	29,253	4%
Commercial	914	945	975	1,005	1,030	1,055	1,079	1,103	1,127	1,149	3%
Industrial	100	102	103	105	107	108	109	110	112	113	2%
Others	1,731	1,688	1,689	1,690	1,690	1,691	1,691	1,692	1,692	1,693	0.2%
<b>Total</b>	<b>23,908</b>	<b>24,880</b>	<b>25,942</b>	<b>26,951</b>	<b>27,888</b>	<b>28,749</b>	<b>29,614</b>	<b>30,479</b>	<b>31,345</b>	<b>32,207</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	12,974	14,089	15,195	16,279	17,357	18,484	19,666	20,903	22,197	23,319	9%
Commercial	2,627	2,825	3,017	3,201	3,346	3,495	3,647	3,802	3,963	4,123	6%
Industrial	281	289	297	306	314	321	327	334	340	347	4%
Others	2,143	2,091	2,167	2,228	2,290	2,354	2,398	2,444	2,469	2,494	3%
<b>Total</b>	<b>18,025</b>	<b>19,294</b>	<b>20,677</b>	<b>22,013</b>	<b>23,307</b>	<b>24,654</b>	<b>26,039</b>	<b>27,483</b>	<b>28,969</b>	<b>30,284</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	30	9	10	16	4	3	1	14	4	1	93
Expansion(ckt-km)	16	0.5	1	3	1						22
Rehabilitation(ckt-km)	14	9	9	13	2	3	1	14	4	1	71
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)	0.08			0.08							0.2
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	14	2	5	4	3	1	1	3	1	1	35
Expansion	8	0.1	0.4	0.8	0.8						10
Rehabilitation	7	2	4	3	2	1	1	3	1	1	25
Substation Projects											
Electrification Projects	3.37	2.67	3.00	2.87	2.52	1.54	1.55	1.55	1.56	1.55	22
<b>Total</b>	<b>17.80</b>	<b>4.71</b>	<b>7.64</b>	<b>7.07</b>	<b>5.04</b>	<b>2.60</b>	<b>2.09</b>	<b>4.63</b>	<b>2.74</b>	<b>2.61</b>	<b>57</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	112	112	112	112	112	112	112	112	112	112	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	
<b>Household Level (%)</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	<b>78%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>84%</b>	
No. of Households Electrified (On-Grid)	20,987	21,911	22,831	23,744	24,575	25,411	26,250	27,090	27,930	28,768	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>20,987</b>	<b>21,911</b>	<b>22,831</b>	<b>23,744</b>	<b>24,575</b>	<b>25,411</b>	<b>26,250</b>	<b>27,090</b>	<b>27,930</b>	<b>28,768</b>	

Franchise Coverage:

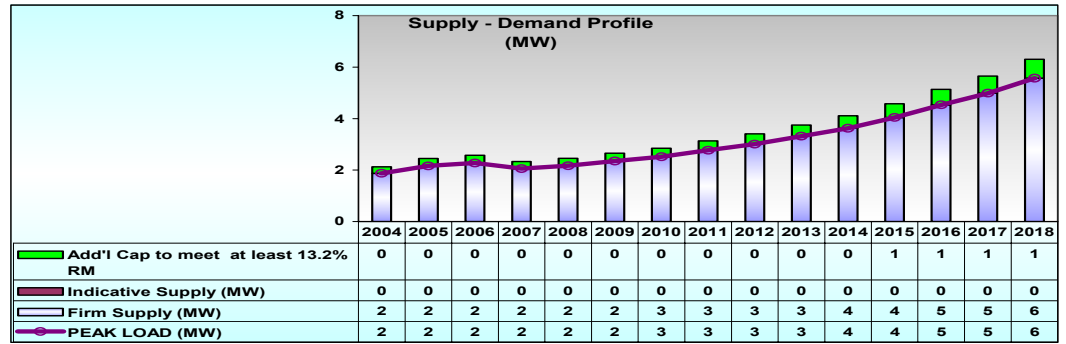
11 Municipalities: Alcantara, Calatrava, Ferrol, Looc, Odiongan, San Agustin, Sta. Fe, Sta. Maria, San Andres, and San Jose in Carabao Island.

## Romblon Electric Cooperative, Inc. (ROMELCO)

General Information	
Location	Brgy. Capaclan Romblon, Romblon
Contact Person	Rene M. Fajilagutan
Position	General Manager
Tel. No:	02-412-28-64 to 67, local 2112
Fax No:	02-412-28-64 to 67
E-mail Address	romelcoinc@yahoo.com
Coverage Area	582.3 sq.km.
No. of barangays	66
Franchise Population	

### SUPPLY HIGHLIGHTS

The 900 kw Cantingas Mini-Hydro Project in Sibuyan Island is projected to be commissioned on the 1st quarter of 2009.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	9,633	10,865	12,160	13,447	14,745	16,173	17,744	19,299	20,995	22,639	10%
Commercial	740	795	853	894	937	982	1,020	1,060	1,101	1,133	5%
Industrial	6	8	9	10	12	14	16	18	20	22	16%
Others	1,044	1,051	1,055	1,060	1,060	1,065	1,065	1,069	1,074	1,079	1%
<b>Total</b>	<b>11,424</b>	<b>12,719</b>	<b>14,077</b>	<b>15,411</b>	<b>16,754</b>	<b>18,234</b>	<b>19,845</b>	<b>21,447</b>	<b>23,190</b>	<b>24,874</b>	<b>9%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	5,704	6,354	7,100	7,978	8,896	10,002	11,243	12,645	14,219	15,843	12%
Commercial	1,631	1,734	1,866	1,991	2,130	2,284	2,450	2,628	2,817	2,992	7%
Industrial	280	373	502	629	788	979	1,216	1,510	1,827	2,211	27%
Others	1,587	1,728	1,873	2,064	2,256	2,513	2,772	3,118	3,514	3,997	11%
<b>Total</b>	<b>9,203</b>	<b>10,189</b>	<b>11,340</b>	<b>12,662</b>	<b>14,071</b>	<b>15,778</b>	<b>17,681</b>	<b>19,900</b>	<b>22,376</b>	<b>25,043</b>	<b>12%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	14	20	3								37
Expansion(ckt-km)	5	4	3								11
Rehabilitation(ckt-km)	9	16									25
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	8	10	7	5	4	3	3	3	3	3	50
Expansion	3	2	7								12
Rehabilitation	6	8		5	4	3	3	3	3	3	38
Substation Projects											
Electrification Projects	12	7	7	7	9	6	7	7	7	6	75
<b>Total</b>	<b>20</b>	<b>17</b>	<b>14</b>	<b>12</b>	<b>12</b>	<b>10</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>9</b>	<b>125</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	63	63	63	63	63	63	63	63	63	63	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	
<b>Household Level (%)</b>	<b>41%</b>	<b>44%</b>	<b>48%</b>	<b>51%</b>	<b>55%</b>	<b>58%</b>	<b>62%</b>	<b>66%</b>	<b>70%</b>	<b>73%</b>	
No. of Households Electrified (On-Grid)	9,492	10,536	11,695	12,981	14,280	15,708	17,278	18,833	20,528	22,173	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>9,492</b>	<b>10,536</b>	<b>11,695</b>	<b>12,981</b>	<b>14,280</b>	<b>15,708</b>	<b>17,278</b>	<b>18,833</b>	<b>20,528</b>	<b>22,173</b>	

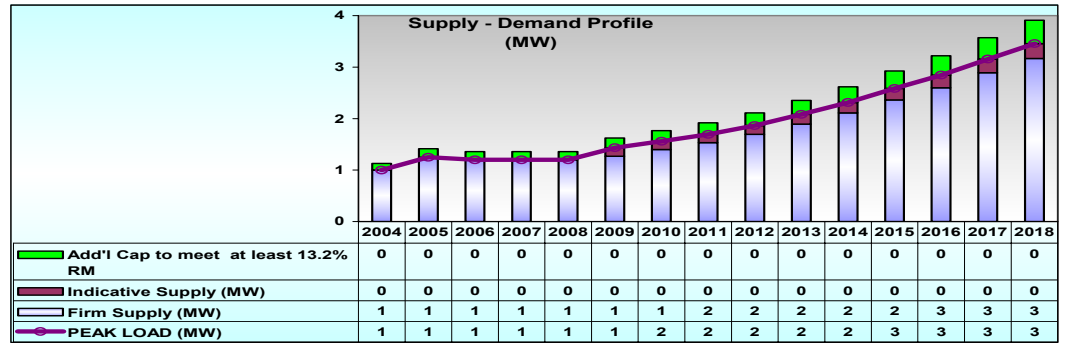
Franchise Coverage:

Province of Romblon, Municipality of Romblon, San Fernando, Cajidiocan, and Magdiwang.



## Busuanga Island Electric Cooperative, Inc. (BISELCO)

General Information	
Location	Coron, Palawan
Contact Person	Ms. Ruth L. Galang
Position	Executive Assistant Officer-In-Charge
Tel. No:	(0919) 668-4132
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	60
Franchise Population	
SUPPLY HIGHLIGHTS	
BISELCO's source of power is the land-based diesel generating plants being operated by NPC-SPUG.	



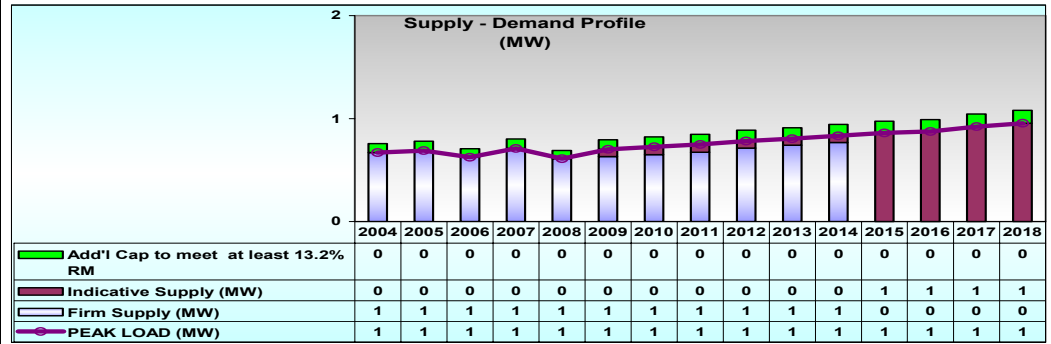
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	4,853	5,306	5,733	6,243	6,786	7,304	7,870	8,489	9,172	9,949	8%
Commercial	800	836	872	914	956	999	1,045	1,094	1,147	1,206	5%
Industrial	4	5	8	10	13	16	20	25	31	39	36%
Others	366	376	388	406	423	454	495	552	636	757	9%
<b>Total</b>	<b>6,023</b>	<b>6,523</b>	<b>7,001</b>	<b>7,572</b>	<b>8,178</b>	<b>8,772</b>	<b>9,431</b>	<b>10,160</b>	<b>10,986</b>	<b>11,950</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	2,876	3,149	3,422	3,704	4,020	4,326	4,666	5,046	5,474	5,963	8%
Commercial	2,234	2,438	2,652	2,880	3,127	3,381	3,663	3,948	4,263	4,388	8%
Industrial	26	53	103	153	244	393	628	923	1,363	1,848	74%
Others	1,462	1,807	2,120	2,494	2,938	3,470	4,036	4,402	4,820	5,250	26%
<b>Total</b>	<b>6,597</b>	<b>7,448</b>	<b>8,297</b>	<b>9,231</b>	<b>10,330</b>	<b>11,570</b>	<b>12,993</b>	<b>14,320</b>	<b>15,920</b>	<b>17,449</b>	<b>13%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	7	10	5	3	6	3	3				37
Expansion(ckt-km)	7	10	5	3	6	3	3				37
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	6	7	4	4	5	3	3	0.4	0.4	0.4	32
Expansion	6	7	4	4	5	3	3				30
Rehabilitation								0.4	0.4	0.4	1
Substation Projects											
Electrification Projects	3	3	2	4	5	2	2	2	3	3	29
<b>Total</b>	<b>9</b>	<b>10</b>	<b>6</b>	<b>8</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>2</b>	<b>3</b>	<b>3</b>	<b>60</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No. of Barangays Electrified (On-Grid)	34	34	34	34	34	34	34	34	34	34	
No. of Barangays Electrified (Off-Grid)	23	23	23	23	23	23	23	23	23	23	
<b>Total</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>57</b>	
<b>Household Level (%)</b>	<b>25%</b>	<b>26%</b>	<b>27%</b>	<b>28%</b>	<b>30%</b>	<b>31%</b>	<b>33%</b>	<b>34%</b>	<b>36%</b>	<b>38%</b>	
No. of Households Electrified (On-Grid)	4,813	5,150	5,521	5,930	6,380	6,878	7,428	8,038	8,721	9,497	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,813</b>	<b>5,150</b>	<b>5,521</b>	<b>5,930</b>	<b>6,380</b>	<b>6,878</b>	<b>7,428</b>	<b>8,038</b>	<b>8,721</b>	<b>9,497</b>	

Franchise Coverage:

Municipalities of Coron, Busuanga, Culion Island, and Linapacan Island.

## Lubang Electric Cooperative, Inc. (LUBELCO)

General Information	
Location	Baguabag, Vigo, Lubang, Occidental Mindoro
Contact Person	Engr. Celso D. Garcia
Position	Area Manager
Tel. No:	(0921) 230-7734
Fax No:	
E-mail Address	lubelco@yahoo.com
Coverage Area	
No. of barangays	25
Franchise Population	
SUPPLY HIGHLIGHTS	
LUBELCO is supplied by NPC-SPUG and has a self-generating facility that provides electricity for consumers of Cabra Island, Lubang.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	5,113	5,273	5,432	5,589	5,749	5,914	6,082	6,247	6,394	6,544	3%
Commercial	127	133	138	143	147	151	156	160	165	170	4%
Industrial	23	25	27	29	32	34	37	39	42	44	7%
Others	134	134	134	133	133	133	132	132	132	132	1%
<b>Total</b>	<b>5,397</b>	<b>5,565</b>	<b>5,731</b>	<b>5,894</b>	<b>6,061</b>	<b>6,232</b>	<b>6,406</b>	<b>6,579</b>	<b>6,733</b>	<b>6,891</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	1,795	1,929	2,054	2,167	2,289	2,416	2,557	2,710	2,874	3,048	9%
Commercial	316	344	373	406	443	485	526	566	607	650	8%
Industrial	45	49	54	60	67	76	85	94	104	115	11%
Others	174	184	192	199	207	213	220	227	232	238	4%
<b>Total</b>	<b>2,329</b>	<b>2,505</b>	<b>2,672</b>	<b>2,832</b>	<b>3,006</b>	<b>3,190</b>	<b>3,388</b>	<b>3,597</b>	<b>3,818</b>	<b>4,051</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	13										13
<i>Expansion(ckt-km)</i>	13										13
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	10	1	1	1	1	0.2					16
<i>Expansion</i>	10										10
<i>Rehabilitation</i>		1	1	1	1	0.2					6
Substation Projects											
Electrification Projects	1	1	1	1		0.4	0.4	0.4	0.3	0.4	5
<b>Total</b>	<b>11</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>					<b>19</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	22	22	22	22	22	22	22	22	22	22	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	<b>25</b>	
<b>Household Level (%)</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	<b>63%</b>	<b>64%</b>	<b>64%</b>	<b>65%</b>	<b>65%</b>	<b>66%</b>	<b>67%</b>	
No. of Households Electrified (On-Grid)	4,890	5,027	5,163	5,297	5,435	5,576	5,721	5,864	6,011	6,161	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,890</b>	<b>5,027</b>	<b>5,163</b>	<b>5,297</b>	<b>5,435</b>	<b>5,576</b>	<b>5,721</b>	<b>5,864</b>	<b>6,011</b>	<b>6,161</b>	

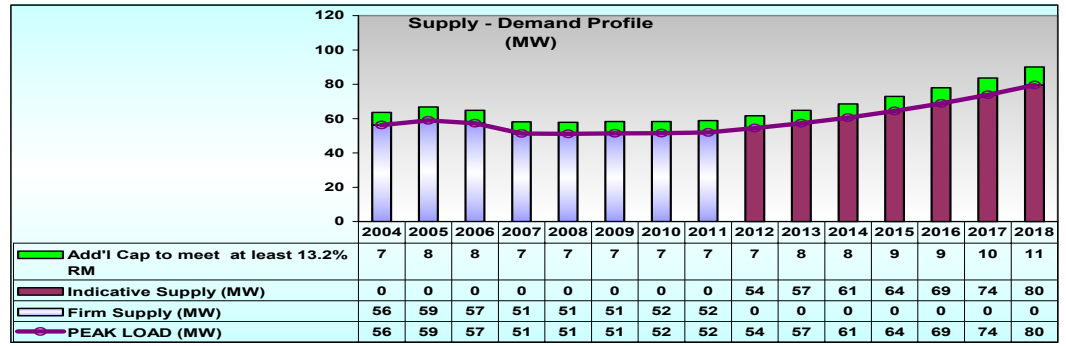
Franchise Coverage:

Municipalities of Looc and Lubang.

# REGION 5 ELECTRIC COOPERATIVES

## Albay Electric Cooperative, Inc. (ALECO)

General Information	
Location	W. Vinzon St., Old Albay District, Legazpi City
Contact Person	Engr. Leah L. Majadillas
Position	General Manager
Tel. No:	(052) 481-5555
Fax No:	(052) 820-2668
E-mail Address	aleco_wesm@yahoo.com
Coverage Area	2,552 sq.km.
No. of barangays	720
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC Transition Supply Contract will expire in 2018.	



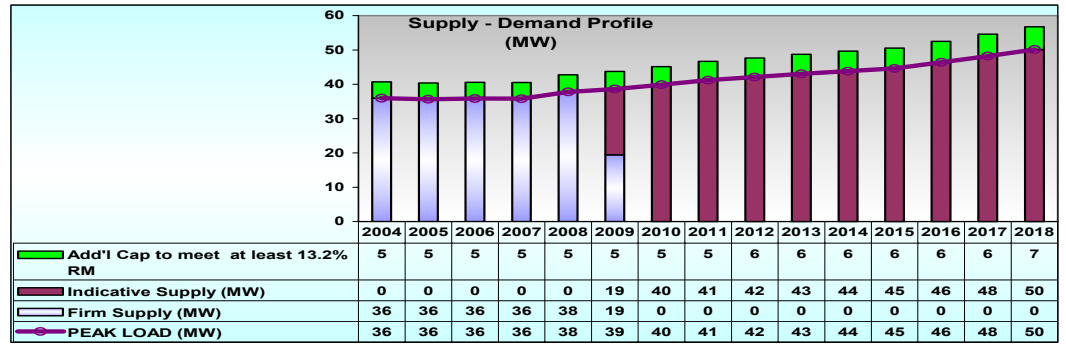
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	143,299	148,210	153,274	158,726	164,595	170,785	177,383	184,501	192,183	200,473	4%
Commercial	7,480	7,592	7,721	7,868	8,033	8,218	8,423	8,651	8,902	9,178	2%
Industrial	393	398	403	410	417	425	435	445	457	469	2%
Others	2,382	2,388	2,393	2,398	2,404	2,410	2,417	2,423	2,431	2,438	0.3%
<b>Total</b>	<b>153,554</b>	<b>158,587</b>	<b>163,791</b>	<b>169,402</b>	<b>175,450</b>	<b>181,838</b>	<b>188,657</b>	<b>196,021</b>	<b>203,972</b>	<b>212,558</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	119,476	125,562	132,568	140,637	149,924	160,600	172,883	187,036	203,038	221,160	7%
Commercial	48,802	50,399	52,264	54,431	56,939	59,835	63,174	67,020	71,381	76,324	5%
Industrial	21,213	21,861	22,619	23,500	24,519	25,696	27,052	28,612	30,382	32,389	5%
Others	17,424	17,838	18,300	18,814	19,383	20,012	20,707	21,473	22,312	23,233	3%
<b>Total</b>	<b>206,916</b>	<b>215,660</b>	<b>225,751</b>	<b>237,381</b>	<b>250,765</b>	<b>266,143</b>	<b>283,816</b>	<b>304,141</b>	<b>327,113</b>	<b>353,106</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	70	32									101
Expansion(ckt-km)	29	4									34
Rehabilitation(ckt-km)	40	28									68
Substation Capacity (MVA)	35										35
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	97	54	33	25	0.4	0.4					210
Expansion	41	7									48
Rehabilitation	56	47	33	25	0.4	0.4					161
Substation Projects	50										50
Electrification Projects	31	24	27	29	33	35	39	41	45	48	353
<b>Total</b>	<b>178</b>	<b>78</b>	<b>60</b>	<b>54</b>	<b>33</b>	<b>35</b>	<b>39</b>	<b>41</b>	<b>45</b>	<b>48</b>	<b>612</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	691	691	691	691	691	691	691	691	691	691	
No. of Barangays Electrified (Off-Grid)	29	29	29	29	29	29	29	29	29	29	
<b>Total</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	<b>720</b>	
<b>Household Level (%)</b>	<b>57%</b>	<b>57%</b>	<b>58%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>60%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	
No. of Households Electrified (On-Grid)	142,786	147,284	152,144	157,393	163,059	169,174	175,772	182,890	190,572	198,862	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>142,786</b>	<b>147,284</b>	<b>152,144</b>	<b>157,393</b>	<b>163,059</b>	<b>169,174</b>	<b>175,772</b>	<b>182,890</b>	<b>190,572</b>	<b>198,862</b>	

Franchise Coverage:

15 municipalities and 3 cities which are grouped into 3 district: Tiwi, Malinao, Tabaco, Malilipot, Bacacay, Sto. Domingo (First District); Rapu-Rapu, Manito, Legazpi, Daraga, Camalig (Second District); Guinobatan, Jovellar, Ligao, Oas, Pioduran, Libon, Polangui (Third District).

## Camarines Sur II Electric Cooperative, Inc. (CASURECO II)

General Information	
Location	Del Rosario, Naga City
Contact Person	Jane T. Barrameda
Position	OIC, General Manager
Tel. No:	(054) 473-0204 loc. 123
Fax No:	(054) 473-0201
E-mail Address	
Coverage Area	
No. of barangays	259
Franchise Population	
SUPPLY HIGHLIGHTS	
CASURECO II is a direct participant at WESM trading. Additional two (2) substations will be constructed in 2010 and another in 2012. CASURECO II also gets power supply from Bicol Hydro Electric. Current power supply is still sufficient to accommodate projected gradual increase in consumption for the next few years.	



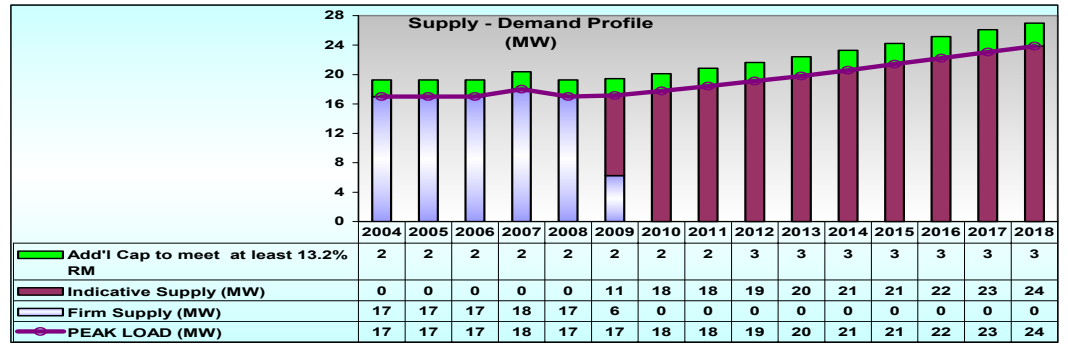
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	69,058	72,692	76,394	80,095	83,433	86,687	90,069	93,585	97,240	101,040	4%
Commercial	5,196	5,323	5,456	5,588	5,696	5,809	5,922	6,038	6,156	6,276	2%
Industrial	111	112	113	114	116	117	118	119	120	122	1%
Others	1,150	1,150	1,151	1,151	1,152	1,152	1,153	1,153	1,154	1,154	0.3%
<b>Total</b>	<b>75,515</b>	<b>79,277</b>	<b>83,115</b>	<b>86,949</b>	<b>90,396</b>	<b>93,765</b>	<b>97,262</b>	<b>100,895</b>	<b>104,670</b>	<b>108,592</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	72,832	76,438	80,224	84,572	89,157	94,327	99,808	105,981	112,533	119,486	6%
Commercial	59,718	61,288	62,964	64,753	66,656	68,641	70,724	72,870	75,080	77,357	3%
Industrial	15,777	16,276	16,801	17,351	17,929	18,535	19,171	19,839	20,540	21,266	3%
Others	37,089	37,713	38,351	38,998	39,658	40,279	40,492	40,708	40,927	41,146	12%
<b>Total</b>	<b>185,415</b>	<b>191,717</b>	<b>198,339</b>	<b>205,674</b>	<b>213,399</b>	<b>221,782</b>	<b>230,196</b>	<b>239,398</b>	<b>249,079</b>	<b>259,255</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	73	42	27	15	19	7	6	7			196
<i>Expansion(ckt-km)</i>	17	19	24	15	19	7	6	7			114
<i>Rehabilitation(ckt-km)</i>	55	23	3								82
Substation Capacity (MVA)		20		10							30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	88	74	73	56	59	50	46	47	43	43	580
<i>Expansion</i>	21	33	63	56	59	50	46	47			376
<i>Rehabilitation</i>	67	41	9						43	43	204
Substation Projects	1	48	0.3	24	0.2						73
Electrification Projects	33	28	21	24	18	20	19	21	20	22	225
<b>Total</b>	<b>122</b>	<b>150</b>	<b>93</b>	<b>104</b>	<b>78</b>	<b>70</b>	<b>65</b>	<b>68</b>	<b>64</b>	<b>65</b>	<b>878</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	257	257	257	257	257	257	257	257	257	257	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	<b>259</b>	
<b>Household Level (%)</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	
No. of Households Electrified (On-Grid)	68,702	71,450	74,309	77,281	80,372	83,587	86,930	90,408	94,024	97,785	
No. of Households Electrified (Off-Grid)	51	58	67	77	89	102	117	135	156	179	
<b>Total</b>	<b>68,753</b>	<b>71,509</b>	<b>74,375</b>	<b>77,358</b>	<b>80,461</b>	<b>83,689</b>	<b>87,048</b>	<b>90,543</b>	<b>94,180</b>	<b>97,964</b>	

Franchise Coverage:

1 city and 9 municipalities in Camarines Sur: Tinambac, Siruma, Canaman, Magarao, Bombon, Calabanga, Milaor, Minalabac, Pili and Naga City.

## Camarines Norte Electric Cooperative, Inc. (CANORECO)

General Information	
Location	J.P. Rizal St. Daet, Camarines Norte
Contact Person	Lorenzo S. Canlas Jr. PEE
Position	General Manager
Tel. No:	(054) 7211483- 7211486 - 7211746
Fax No:	
E-mail Address	canoreco_main@yahoo.com
Coverage Area	2,200 sq.km.
No. of barangays	273
Franchise Population	
SUPPLY HIGHLIGHTS	
Regular inspection and calibration of Kwhr meters for commercial and industrial consumers will be conducted to further minimize pilferages and technical losses. Enough supply is expected as Transition Supply Contract with NPC is current until CY 2011.	



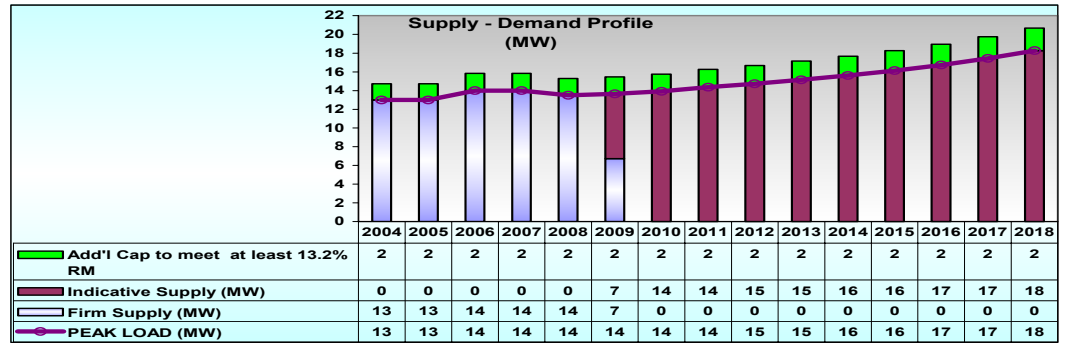
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	63,480	67,053	70,296	73,401	76,063	78,406	81,012	83,292	85,637	88,055	4%
Commercial	3,620	3,856	4,069	4,152	4,181	4,200	4,237	4,268	4,299	4,329	3%
Industrial	37	44	45	47	48	49	51	52	53	54	6%
Others	1,347	1,369	1,389	1,395	1,372	1,377	1,367	1,367	1,369	1,355	1%
<b>Total</b>	<b>68,485</b>	<b>72,322</b>	<b>75,799</b>	<b>78,994</b>	<b>81,664</b>	<b>84,034</b>	<b>86,666</b>	<b>88,979</b>	<b>91,359</b>	<b>93,793</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	47,204	49,168	51,411	53,706	56,225	58,672	61,443	64,113	66,863	69,705	4%
Commercial	16,711	17,229	17,767	18,299	18,842	19,399	19,959	20,544	21,146	21,788	3%
Industrial	1,833	2,001	2,179	2,359	2,552	2,752	2,945	3,148	3,333	3,510	8%
Others	10,477	11,034	11,509	12,039	12,393	12,788	13,045	13,321	13,555	13,635	4%
<b>Total</b>	<b>76,224</b>	<b>79,432</b>	<b>82,866</b>	<b>86,403</b>	<b>90,013</b>	<b>93,611</b>	<b>97,392</b>	<b>101,126</b>	<b>104,896</b>	<b>108,638</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	17	87	7	3	36	1	4	0.4	3	2	161
<i>Expansion(ckt-km)</i>	11	42	5	2	35	0.4	4	0.4	3	2	104
<i>Rehabilitation(ckt-km)</i>	7	44	3	1	1	1					56
Substation Capacity (MVA)			5		5						10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	13	71	10	3	39	1	2	1	2	2	144
<i>Expansion</i>	8	35	6	2	38	0.4	2	1	2	2	96
<i>Rehabilitation</i>	5	36	3	1	1	1					48
Substation Projects	4		18		18						40
Electrification Projects	31	24	31	33	19	15	19	14	18	14	218
<b>Total</b>	<b>48</b>	<b>95</b>	<b>59</b>	<b>37</b>	<b>76</b>	<b>16</b>	<b>21</b>	<b>15</b>	<b>19</b>	<b>16</b>	<b>402</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	269	269	269	269	269	269	269	269	269	269	
No. of Barangays Electrified (Off-Grid)	4	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	<b>273</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>73%</b>	<b>74%</b>	<b>75%</b>	<b>76%</b>	<b>77%</b>	<b>78%</b>	<b>79%</b>	<b>79%</b>	<b>80%</b>	
No. of Households Electrified (On-Grid)	61,970	64,449	67,027	69,708	72,497	75,034	77,660	79,990	82,390	84,861	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>61,970</b>	<b>64,449</b>	<b>67,027</b>	<b>69,708</b>	<b>72,497</b>	<b>75,034</b>	<b>77,660</b>	<b>79,990</b>	<b>82,390</b>	<b>84,861</b>	

Franchise Coverage:

Covers 12 municipalities namely: Basud, Capalonga, Daet, Jose Panganiban, Labo, Mercedes, Paracale, San Lorenzo Ruiz (Imelda), San Vicente, Santa Elena, Talisay, and Vinzons.

## Camarines Sur III Electric Cooperative, Inc. (CASURECO III)

General Information	
Location	San Isidro, Iriga City
Contact Person	Joel I. Sergio
Position	OIC General Manager
Tel. No:	(054) 299-2382
Fax No:	(054) 299-2382
E-mail Address	
Coverage Area	
No. of barangays	229
Franchise Population	
SUPPLY HIGHLIGHTS	
TSC Supply will expire in 2010.	



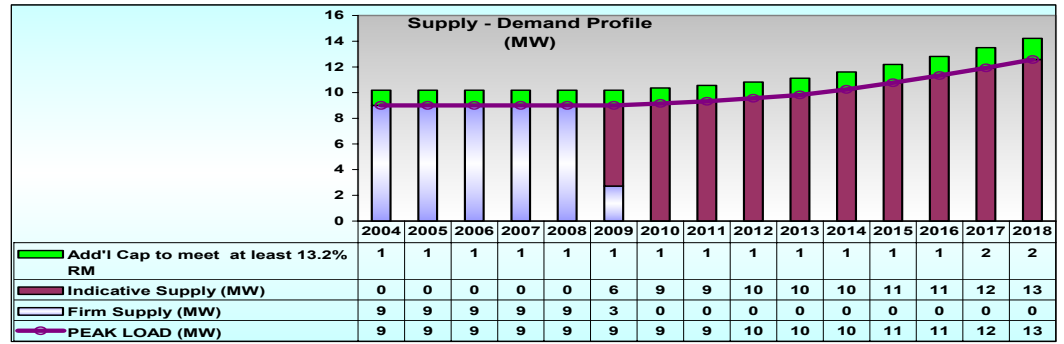
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	53,415	55,383	58,713	61,083	63,062	65,232	67,599	70,115	72,732	75,453	4%
Commercial	2,428	2,464	2,514	2,577	2,641	2,707	2,775	2,858	2,944	3,032	2%
Industrial	155	157	158	160	161	164	166	169	171	174	1%
Others	1,138	1,203	1,267	1,276	1,277	1,279	1,280	1,278	1,276	1,274	2%
<b>Total</b>	<b>57,136</b>	<b>59,207</b>	<b>62,652</b>	<b>65,095</b>	<b>67,142</b>	<b>69,382</b>	<b>71,821</b>	<b>74,420</b>	<b>77,123</b>	<b>79,933</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	33,234	34,559	36,177	38,051	40,171	42,523	45,139	48,066	51,530	55,462	6%
Commercial	9,102	9,845	10,714	10,944	11,158	11,354	11,552	11,836	12,154	12,510	4%
Industrial	3,626	3,754	3,886	4,023	4,165	4,323	4,493	4,677	4,875	5,088	4%
Others	4,991	5,228	5,467	5,740	5,994	6,261	6,539	6,826	7,129	7,447	5%
<b>Total</b>	<b>50,954</b>	<b>53,386</b>	<b>56,245</b>	<b>58,758</b>	<b>61,488</b>	<b>64,462</b>	<b>67,723</b>	<b>71,404</b>	<b>75,687</b>	<b>80,507</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	20	22	19	14							74
Expansion(ckt-km)	20	19	19	14							71
Rehabilitation(ckt-km)		3									3
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	15	11	10	7							43
Expansion	15	9	10	7							42
Rehabilitation		2									2
Substation Projects	2										2
Electrification Projects	13	10	18	21	22	23	24	24	25	25	205
<b>Total</b>	<b>30</b>	<b>21</b>	<b>28</b>	<b>28</b>	<b>22</b>	<b>23</b>	<b>24</b>	<b>24</b>	<b>25</b>	<b>25</b>	<b>250</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	229	229	229	229	229	229	229	229	229	229	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	<b>229</b>	
<b>Household Level (%)</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>84%</b>	<b>85%</b>	<b>87%</b>	<b>89%</b>	<b>92%</b>	<b>94%</b>	<b>97%</b>	
No. of Households Electrified (On-Grid)	52,573	53,362	54,856	56,611	58,536	60,643	62,948	65,466	68,084	70,808	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>52,573</b>	<b>53,362</b>	<b>54,856</b>	<b>56,611</b>	<b>58,536</b>	<b>60,643</b>	<b>62,948</b>	<b>65,466</b>	<b>68,084</b>	<b>70,808</b>	

Franchise Coverage:

*Iriga City, Nabua, Balatan, Bato, Bula, Buhi, and Baao.*

## Camarines Sur I Electric Cooperative, Inc. (CASURECO I)

General Information	
Location	Puro-Batia, Libmanan, Camarines Sur
Contact Person	Mr. Charito C. Mabitazan
Position	Project Supervisor / Acting General Manager
Tel. No:	(054) 451-2148/511-8630
Fax No:	(054) 451-2148
E-mail Address	
Coverage Area	
No. of barangays	309
Franchise Population	



**SUPPLY HIGHLIGHTS**

CASURECO I is getting power from National Power Corporation which will expire in 2017. CASURECO I will construct a 5 MVA substation at Sipocot and construct 13 km-69 KV line from Bahay Libmanan to Sipocot, Camarines Sur to improve system reliability and also lower system losses.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	45,994	47,046	48,031	49,461	50,989	53,175	55,205	57,316	59,512	61,796	4%
Commercial	2,391	2,415	2,439	2,463	2,488	2,513	2,538	2,563	2,589	2,615	1%
Industrial	55	55	56	56	57	57	58	58	59	60	1%
Others	3,074	3,074	3,074	3,074	3,074	3,074	3,075	3,075	3,075	3,075	0.1%
<b>Total</b>	<b>51,513</b>	<b>52,590</b>	<b>53,599</b>	<b>55,055</b>	<b>56,608</b>	<b>58,819</b>	<b>60,875</b>	<b>63,013</b>	<b>65,235</b>	<b>67,546</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	19,625	20,394	21,193	22,217	23,294	24,730	26,143	27,640	29,225	30,905	5%
Commercial	9,705	10,566	11,503	12,523	13,634	14,843	16,160	17,595	19,157	20,858	9%
Industrial	1,903	1,936	1,970	2,005	2,041	2,077	2,113	2,151	2,189	2,228	2%
Others	2,698	2,746	2,794	2,843	2,893	2,944	2,996	3,049	3,103	3,158	2%
<b>Total</b>	<b>33,931</b>	<b>35,642</b>	<b>37,459</b>	<b>39,588</b>	<b>41,861</b>	<b>44,594</b>	<b>47,413</b>	<b>50,434</b>	<b>53,674</b>	<b>57,148</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	267	20	21	22	21	11	29	2			392
Expansion(ckt-km)	256	10	7	4	5	7	29	2			319
Rehabilitation(ckt-km)	11	10	14	18	16	4					73
Substation Capacity (MVA)	5						5				10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	215	16	8	5	5	8	59	2	1		321
Expansion	207	8	3	1	1	5	59	2			286
Rehabilitation	9	8	5	4	4	3			1		35
Substation Projects	6						9				15
Electrification Projects	26	7	11	7	13	10	15	9	16	10	124
<b>Total</b>	<b>247</b>	<b>22</b>	<b>19</b>	<b>12</b>	<b>19</b>	<b>18</b>	<b>83</b>	<b>12</b>	<b>17</b>	<b>10</b>	<b>459</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	
No. of Barangays Electrified (On-Grid)	296	296	296	296	296	296	296	296	296	296	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	<b>296</b>	
<b>Household Level (%)</b>	<b>61%</b>	<b>60%</b>	<b>60%</b>	<b>60%</b>	<b>60%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	<b>64%</b>	<b>65%</b>	
No. of Households Electrified (On-Grid)	44,006	44,886	45,784	47,157	48,572	50,758	52,788	54,899	57,095	59,379	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,006</b>	<b>44,886</b>	<b>45,784</b>	<b>47,157</b>	<b>48,572</b>	<b>50,758</b>	<b>52,788</b>	<b>54,899</b>	<b>57,095</b>	<b>59,379</b>	

Franchise Coverage:

Covers 9 municipalities in the First Congressional District namely: Cabusao, Libmanan, Lupi, Pamplona, Pasacao, Ragay, San Fernando, Sipocot, Del Gallego; and 2 municipalities in the Second Congressional District namely: Camaligan and Gainza.

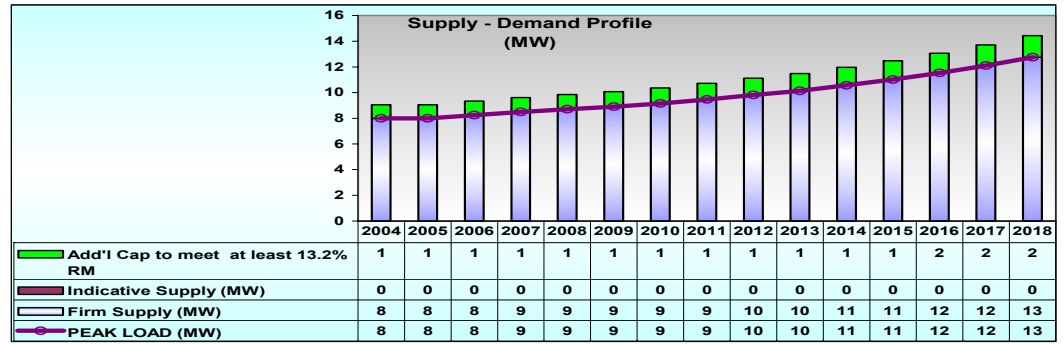


## Masbate Electric Cooperative, Inc. (MASELCO)

General Information	
Location	Pinamarbuhan, Mobo, Masbate
Contact Person	Dr. Eduardo N. Margallo, MBA
Position	General Manager
Tel. No:	(056) 333-2360
Fax No:	(056) 333-2360
E-mail Address	
Coverage Area	
No. of barangays	434
Franchise Population	

### SUPPLY HIGHLIGHTS

MASELCO it is being supplied by NPC-SPUG thru Aggreko, IPP rented genset. Total capacity is 15 MW and present demand is 8.75. A new power provider, D.M. Consunji, Inc. (DMCI) is now constructing a power plant to initially operate with diesel and is projected to augment through coal-fired operation. It is expected to be operational (diesel) by year 2009. This is in compliance with the mandate of the national government through the EPIRA to privatize the NPC-SPUG operation.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	25,788	28,088	30,319	32,616	34,983	37,422	39,044	40,734	42,509	44,372	6%
Commercial	1,323	1,327	1,330	1,332	1,335	1,338	1,340	1,343	1,346	1,348	0%
Industrial	92	92	92	92	92	92	92	92	92	92	0%
Others	636	633	629	630	630	630	630	630	630	630	0.1%
<b>Total</b>	<b>27,839</b>	<b>30,140</b>	<b>32,370</b>	<b>34,670</b>	<b>37,039</b>	<b>39,481</b>	<b>41,106</b>	<b>42,799</b>	<b>44,576</b>	<b>46,442</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	24,205	25,864	27,723	29,811	32,153	34,780	37,607	40,772	44,319	48,292	8%
Commercial	6,970	7,053	7,133	7,215	7,298	7,383	7,470	7,559	7,650	7,742	1%
Industrial	4,243	4,285	4,328	4,372	4,415	4,459	4,504	4,549	4,595	4,641	1%
Others	3,775	3,803	3,811	3,832	3,853	3,874	3,895	3,916	3,936	3,957	1%
<b>Total</b>	<b>39,193</b>	<b>41,005</b>	<b>42,996</b>	<b>45,229</b>	<b>47,720</b>	<b>50,497</b>	<b>53,476</b>	<b>56,796</b>	<b>60,499</b>	<b>64,631</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	20	15		1							36
Expansion(ckt-km)	20	14									33
Rehabilitation(ckt-km)	0	2		1							3
Substation Capacity (MVA)	15										15
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	39	20	12	10	8	8	8	8	8	8	131
Expansion	39	18									57
Rehabilitation	0	2	12	10	8	8	8	8	8	8	74
Substation Projects	54										54
Electrification Projects	35	18	13	15	13	15	14	15	14	16	169
<b>Total</b>	<b>128</b>	<b>39</b>	<b>25</b>	<b>25</b>	<b>21</b>	<b>23</b>	<b>22</b>	<b>24</b>	<b>23</b>	<b>24</b>	<b>354</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	414	414	414	414	414	414	414	414	414	414	
No. of Barangays Electrified (Off-Grid)	20	20	20	20	20	20	20	20	20	20	
<b>Total</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	<b>434</b>	
<b>Household Level (%)</b>	<b>25%</b>	<b>26%</b>	<b>27%</b>	<b>28%</b>	<b>30%</b>	<b>31%</b>	<b>33%</b>	<b>34%</b>	<b>36%</b>	<b>37%</b>	
No. of Households Electrified (On-Grid)	25,222	26,483	27,807	29,198	30,658	32,191	33,800	35,490	37,265	39,128	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>25,222</b>	<b>26,483</b>	<b>27,807</b>	<b>29,198</b>	<b>30,658</b>	<b>32,191</b>	<b>33,800</b>	<b>35,490</b>	<b>37,265</b>	<b>39,128</b>	

Franchise Coverage:

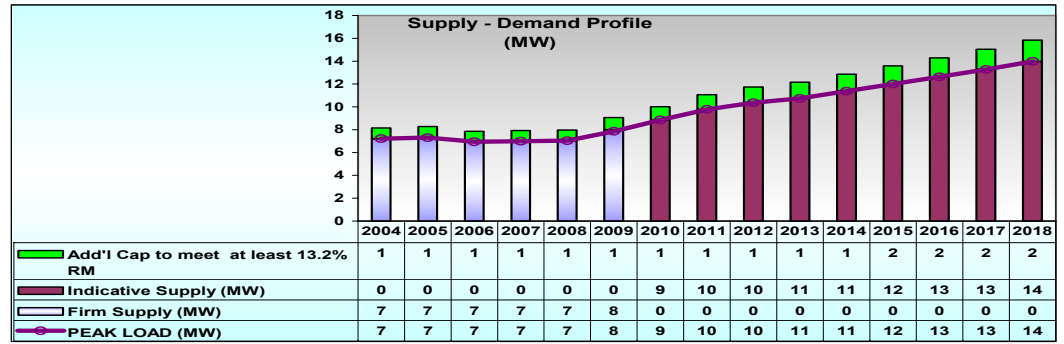
1 City and 14 municipalities: Milagros, Mandaon, Balud, Baleno, Aroroy, Mobo, Uson, Dimasalang, Palanas, Cataingan, Placer, Pio V. Corpuz, Cawayan, Esperanza and the City of Masbate.

## Sorsogon I Electric Cooperative, Inc. (SORECO I)

General Information	
Location	Gulang-gulang, Irosin, Sorsogon
Contact Person	Roberto F. Fortes
Position	General Manager
Tel. No:	(056) 557-3162
Fax No:	(056) 557-3162
E-mail Address	
Coverage Area	1,007.30 sq.km.
No. of barangays	253
Franchise Population	

### SUPPLY HIGHLIGHTS

Installed 2-5MVA power transformers in Sta. Teresita substation will reach its maximum capacity in 2010. Planned upgrade of capacity from 5 to 10 MVA in the near future. The EC has existing TSC with NPC and it is renewable yearly.



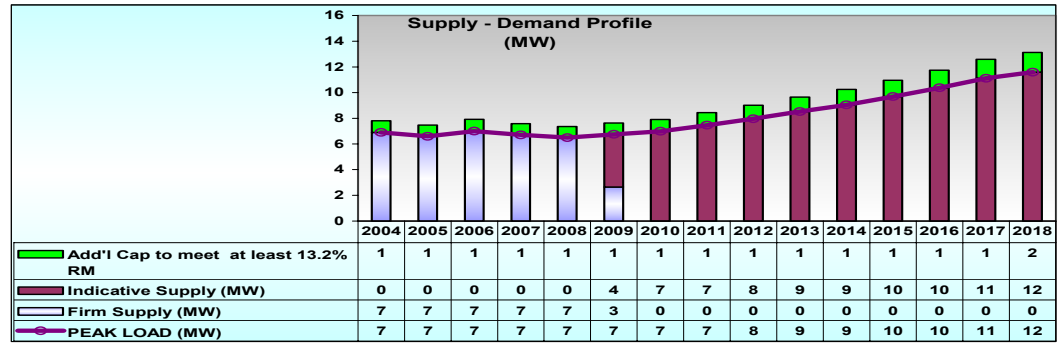
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	37,650	39,650	41,712	42,658	43,596	44,506	45,422	46,344	47,272	48,219	3%
Commercial	1,324	1,372	1,422	1,447	1,468	1,487	1,504	1,521	1,537	1,553	2%
Industrial	61	62	62	63	64	64	65	66	66	67	1%
Others	1,290	1,322	1,332	1,241	1,259	1,279	1,302	1,323	1,347	1,372	3%
<b>Total</b>	<b>40,325</b>	<b>42,406</b>	<b>44,529</b>	<b>45,409</b>	<b>46,387</b>	<b>47,336</b>	<b>48,293</b>	<b>49,254</b>	<b>50,223</b>	<b>51,211</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	21,553	24,670	28,243	30,147	31,873	33,698	35,682	37,778	40,049	42,505	9%
Commercial	3,991	4,281	4,585	4,800	5,031	5,176	5,328	5,488	5,600	5,718	4%
Industrial	2,668	2,737	2,809	2,856	2,906	2,958	3,012	3,070	3,129	3,192	2%
Others	2,652	3,303	3,997	4,432	5,023	5,912	6,717	7,337	8,021	8,773	16%
<b>Total</b>	<b>30,865</b>	<b>34,991</b>	<b>39,634</b>	<b>42,235</b>	<b>44,833</b>	<b>47,744</b>	<b>50,739</b>	<b>53,673</b>	<b>56,799</b>	<b>60,188</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	12	9	9	3	1	1	4	7	2	3	51
<i>Expansion(ckt-km)</i>	8	6	7	3	1	1	4	6	2	3	41
<i>Rehabilitation(ckt-km)</i>	5	2	2	1		0.1	0.1	0.2	0.3	0.1	10
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	30	22	17	18	28	14	15	15	14	14	187
<i>Expansion</i>	19	16	13	16	28	12	14	15	12	13	158
<i>Rehabilitation</i>	11	6	4	3		2.3	0.4	0.3	1.8	0.4	29
Substation Projects	3	24									27
Electrification Projects	11	11	16	36	31	8	6	13	6	9	147
<b>Total</b>	<b>44</b>	<b>57</b>	<b>33</b>	<b>55</b>	<b>58</b>	<b>22</b>	<b>20</b>	<b>28</b>	<b>20</b>	<b>23</b>	<b>360</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	253	253	253	253	253	253	253	253	253	253	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	
<b>Household Level (%)</b>	<b>73%</b>	<b>76%</b>	<b>79%</b>	<b>80%</b>	<b>81%</b>	<b>82%</b>	<b>83%</b>	<b>84%</b>	<b>85%</b>	<b>86%</b>	
No. of Households Electrified (On-Grid)	37,465	39,338	41,305	42,131	42,974	43,833	44,710	45,604	46,516	47,447	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>37,465</b>	<b>39,338</b>	<b>41,305</b>	<b>42,131</b>	<b>42,974</b>	<b>43,833</b>	<b>44,710</b>	<b>45,604</b>	<b>46,516</b>	<b>47,447</b>	

### Franchise Coverage:

There are 8 municipalities coverage of SORECO I, 2 towns (Magallanes and Casiguran are included within the 1st congressional district of the Province of Sorsogon). The other 6 towns were Bulan, Matnog, Irosin, Juban, Sta. Magdalena and Bulusan which are within the 2nd congressional district of the province.

## Camarines Sur IV Electric Cooperative, Inc. (CASURECO IV)

General Information	
Location	Talolongon Tigaon Camarines Sur
Contact Person	Atty. Veronica T. Briones
Position	General Manager
Tel. No:	(054) 452-3085
Fax No:	(054) 452-3085
E-mail Address	cs4ec77@yahoo.com
Coverage Area	
No. of barangays	258
Franchise Population	



**SUPPLY HIGHLIGHTS**

Upgrading of existing two units of 5 MVA substations, one in Lagonoy and the other in Tigaon will be undertaken this year. Construction of 5MVA at Maligaya, Caramoan is planned to be implemented in 2011. CASURECO IV will continue to acquire 100% of its power from NPC. Excess at 20% bandwidth will be taken from PESI.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	35,202	37,293	39,420	41,706	43,659	45,743	47,932	50,232	52,648	53,136	5%
Commercial	1,601	1,649	1,698	1,749	1,802	1,856	1,911	1,969	2,028	2,048	3%
Industrial	36	37	38	39	40	41	43	44	45	46	3%
Others	841	838	839	841	842	844	847	848	850	814	0.2%
<b>Total</b>	<b>37,679</b>	<b>39,816</b>	<b>41,996</b>	<b>44,335</b>	<b>46,343</b>	<b>48,484</b>	<b>50,732</b>	<b>53,092</b>	<b>55,570</b>	<b>56,044</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	17,888	19,277	20,777	22,416	24,189	26,117	28,213	30,493	32,977	34,834	8%
Commercial	4,193	4,372	4,559	4,755	4,961	5,177	5,403	5,640	5,889	5,916	4%
Industrial	1,696	1,797	1,902	2,014	2,132	2,257	2,389	2,529	2,678	2,703	6%
Others	2,522	2,614	2,728	2,846	2,969	3,097	3,231	3,371	3,517	3,543	4%
<b>Total</b>	<b>26,299</b>	<b>28,060</b>	<b>29,966</b>	<b>32,031</b>	<b>34,250</b>	<b>36,647</b>	<b>39,236</b>	<b>42,034</b>	<b>45,061</b>	<b>46,997</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	34	26	122	20							202
Expansion(ckt-km)	34	26	12	6							79
Rehabilitation(ckt-km)			110	14							123
Substation Capacity (MVA)			5					5			10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	52	45	38	31	18						184
Expansion	51	45	4	10							109
Rehabilitation	1		35	21	18						74
Substation Projects	4		18					18			40
Electrification Projects	12	9	10	9	9	9	10	10	11	4	93
<b>Total</b>	<b>68</b>	<b>54</b>	<b>66</b>	<b>40</b>	<b>27</b>	<b>9</b>	<b>10</b>	<b>28</b>	<b>11</b>	<b>4</b>	<b>317</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	239	239	239	239	239	239	239	239	239	239	
No. of Barangays Electrified (Off-Grid)	19	19	19	19	19	19	19	19	19	19	
<b>Total</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	<b>258</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>63%</b>	<b>66%</b>	<b>69%</b>	<b>73%</b>	<b>76%</b>	<b>80%</b>	<b>84%</b>	<b>88%</b>	<b>89%</b>	
No. of Households Electrified (On-Grid)	34,678	36,412	38,232	40,144	42,151	44,258	46,471	48,795	51,235	51,747	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>34,678</b>	<b>36,412</b>	<b>38,232</b>	<b>40,144</b>	<b>42,151</b>	<b>44,258</b>	<b>46,471</b>	<b>48,795</b>	<b>51,235</b>	<b>51,747</b>	

Franchise Coverage:

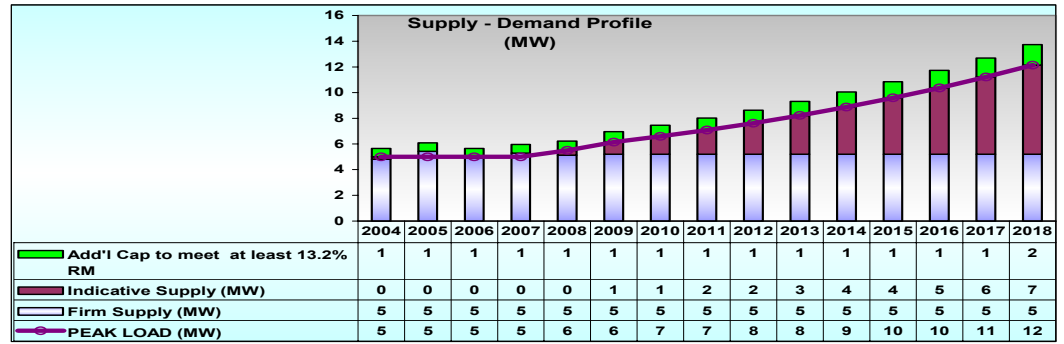
Ocampo, Tigaon, Sangay, Goa, San Jose, Lagonoy, Presentacion, Caramoan, Garchitorena, and North Lagonoy.

## First Catanduanes Electric Cooperative, Inc. (FICELCO)

General Information	
Location	Marinawa, Bato, Catanduanes
Contact Person	Rodolfo F. Mendoza
Position	General Manager
Tel. No:	(052) 811-3166
Fax No:	
E-mail Address	ficelco01@yahoo.com
Coverage Area	1,511.5 sq.km.
No. of barangays	315
Franchise Population	

### SUPPLY HIGHLIGHTS

FICELCO is already 100% barangay energized and has a Supply Contract with NPC until 2018.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	35,275	38,327	41,625	45,079	48,701	51,616	54,721	58,027	61,548	65,414	7%
Commercial	2,115	2,194	2,277	2,362	2,448	2,505	2,564	2,624	2,690	2,759	4%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	1,288	1,290	1,292	1,292	1,292	1,293	1,293	1,295	1,296	1,296	0.2%
<b>Total</b>	<b>38,678</b>	<b>41,810</b>	<b>45,194</b>	<b>48,733</b>	<b>52,441</b>	<b>55,414</b>	<b>58,577</b>	<b>61,946</b>	<b>65,534</b>	<b>69,469</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	18,128	19,804	21,744	23,876	26,290	28,911	31,798	34,980	38,485	42,424	10%
Commercial	5,653	6,160	6,699	7,278	7,938	8,697	9,515	10,405	11,394	12,474	10%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	3,884	3,949	4,022	4,090	4,160	4,238	4,317	4,406	4,496	4,588	3%
<b>Total</b>	<b>27,665</b>	<b>29,913</b>	<b>32,465</b>	<b>35,244</b>	<b>38,388</b>	<b>41,845</b>	<b>45,631</b>	<b>49,790</b>	<b>54,375</b>	<b>59,485</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	1										1
Expansion(ckt-km)	1										1
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	35	3	5	1							44
Expansion	35										35
Rehabilitation		3	5	1							9
Substation Projects											
Electrification Projects	13	11	13	15	16	16	17	17	19	19	155
<b>Total</b>	<b>49</b>	<b>14</b>	<b>18</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>17</b>	<b>17</b>	<b>19</b>	<b>19</b>	<b>199</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	315	315	315	315	315	315	315	315	315	315	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	<b>315</b>	
<b>Household Level (%)</b>	<b>77%</b>	<b>79%</b>	<b>82%</b>	<b>84%</b>	<b>86%</b>	<b>89%</b>	<b>91%</b>	<b>94%</b>	<b>96%</b>	<b>99%</b>	
No. of Households Electrified (On-Grid)	34,960	37,127	39,541	42,111	44,848	47,763	50,868	54,174	57,696	61,561	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>34,960</b>	<b>37,127</b>	<b>39,541</b>	<b>42,111</b>	<b>44,848</b>	<b>47,763</b>	<b>50,868</b>	<b>54,174</b>	<b>57,696</b>	<b>61,561</b>	

Franchise Coverage:

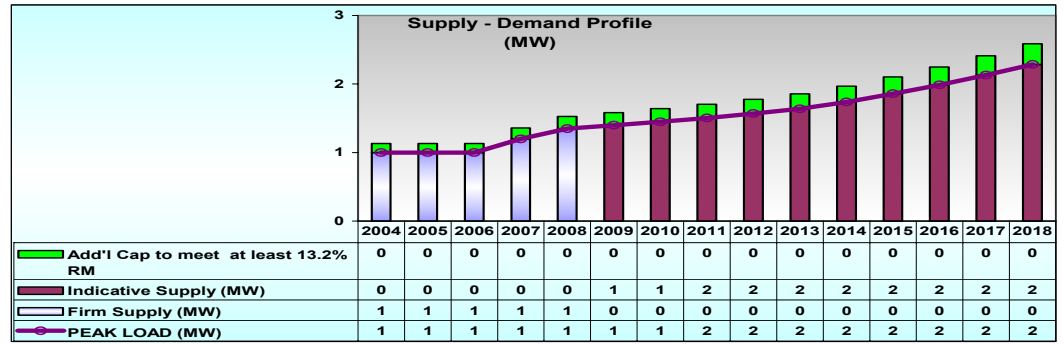
Bagamanoc, Panganiban. Baras, Bato, San Miguel, Viga, Gigmoto, San Andres, Caramoran, Pandan, and Virac.

## Ticao Island Electric Cooperative, INC. (TISELCO)

General Information	
Location	Letada Street, San Jacinto, Masbate
Contact Person	Edgar G. Barrun
Position	General Manager
Tel. No:	0919-6830252
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	72
Franchise Population	

### SUPPLY HIGHLIGHTS

TISELCO continues to operate on a 24-hour basis. No substation is targeted to be constructed during the planning horizon.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	4,233	4,487	4,744	5,027	5,315	5,608	5,900	6,209	6,537	6,884	6%
Commercial	292	310	328	347	365	383	385	387	389	391	4%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	114	148	181	215	248	282	282	282	283	283	13.6%
<b>Total</b>	<b>4,639</b>	<b>4,944</b>	<b>5,253</b>	<b>5,588</b>	<b>5,928</b>	<b>6,274</b>	<b>6,567</b>	<b>6,879</b>	<b>7,209</b>	<b>7,558</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	2,767	2,914	3,071	3,250	3,441	3,716	4,071	4,463	4,896	5,374	7%
Commercial	544	564	585	608	632	658	680	704	728	753	4%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	257	268	284	302	324	349	359	369	379	390	5%
<b>Total</b>	<b>3,567</b>	<b>3,746</b>	<b>3,939</b>	<b>4,160</b>	<b>4,398</b>	<b>4,724</b>	<b>5,110</b>	<b>5,535</b>	<b>6,003</b>	<b>6,517</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	54										54
Expansion(ckt-km)	32										32
Rehabilitation(ckt-km)	22										22
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	15										15
Expansion	9										9
Rehabilitation	6										6
Substation Projects											
Electrification Projects	4	1		1	1	1	1	1	3	3	14
<b>Total</b>	<b>18</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>29</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	70	70	70	70	70	70	70	70	70	70	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	<b>72</b>	
<b>Household Level (%)</b>	<b>24%</b>	<b>24%</b>	<b>25%</b>	<b>25%</b>	<b>26%</b>	<b>27%</b>	<b>28%</b>	<b>30%</b>	<b>31%</b>	<b>33%</b>	
No. of Households Electrified (On-Grid)	4,132	4,256	4,384	4,537	4,696	4,861	5,152	5,461	5,789	6,136	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>4,132</b>	<b>4,256</b>	<b>4,384</b>	<b>4,537</b>	<b>4,696</b>	<b>4,861</b>	<b>5,152</b>	<b>5,461</b>	<b>5,789</b>	<b>6,136</b>	

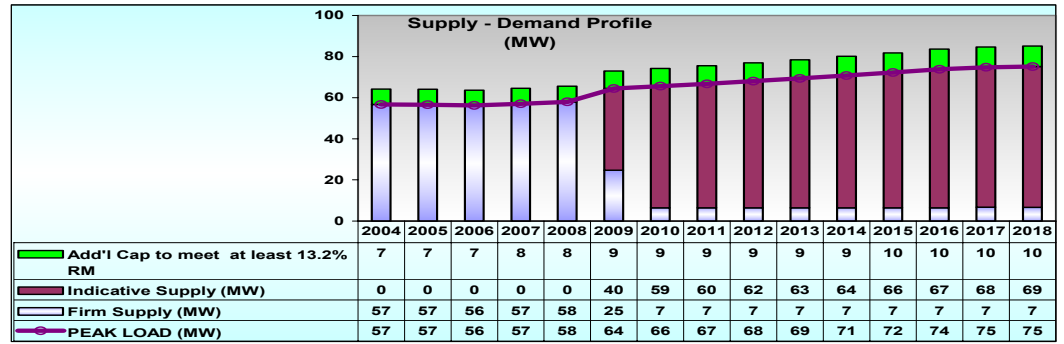
Franchise Coverage:

TISELCO covers four municipalities of Ticao, namely San Jacinto, San Fernando, Monreal & Batuan. It is composed of 72 Barangays.

**CORDILLERA  
ADMINISTRATIVE REGION (CAR)  
ELECTRIC COOPERATIVES**

## Benguet Electric Cooperative, Inc. (BENECO)

General Information	
Location	Alapang, La Trinidad, Benguet
Contact Person	GERARDO P. VERZOSA
Position	General Manager
Tel. No:	(074) 422-2000
Fax No:	(074) 422-6532
E-mail Address	beneco_ph@yahoo.com
Coverage Area	2,664 sq.kms.
No. of barangays	269
Franchise Population	



**SUPPLY HIGHLIGHTS**

The bulk of power supply is purchased from the National Power Corporation (NPC) from different delivery points. Aside from NPC, BENECO also buys some of its power requirements from MIRANT Philippines, Hydro Electric Development Corporation (HEDECOR) and the La Union Electric Cooperative (LUELCO) and the Wholesale Electricity Spot Market (WESM).

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	121,428	126,901	132,826	138,520	144,603	150,238	156,139	162,274	168,653	175,286	4%
Commercial	9,811	9,909	10,020	10,108	10,208	10,309	10,411	10,514	10,618	10,723	1%
Industrial	27	28	35	28	28	27	27	26	26	26	0%
Others	1,822	1,827	1,831	1,837	1,842	1,848	1,854	1,860	1,866	1,874	1%
<b>Total</b>	<b>133,089</b>	<b>138,664</b>	<b>144,712</b>	<b>150,493</b>	<b>156,681</b>	<b>162,422</b>	<b>168,430</b>	<b>174,675</b>	<b>181,163</b>	<b>187,909</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	140,115	143,719	147,466	151,381	155,482	159,715	164,115	168,699	173,457	178,415	3%
Commercial	98,268	99,750	101,256	102,787	104,345	105,928	107,538	109,176	110,841	112,534	2%
Industrial	3,617	3,662	3,708	3,755	3,802	3,850	3,899	3,948	3,998	4,049	1%
Others	41,902	42,396	42,911	43,447	44,007	44,594	45,209	45,856	46,511	47,174	-1%
<b>Total</b>	<b>283,902</b>	<b>289,527</b>	<b>295,340</b>	<b>301,370</b>	<b>307,636</b>	<b>314,087</b>	<b>320,761</b>	<b>327,679</b>	<b>334,809</b>	<b>342,168</b>	<b>2%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	157	125	124	155	112	133	52	54	57	60	1028
<i>Expansion(ckt-km)</i>	99	54	37	42	44	14					290
<i>Rehabilitation(ckt-km)</i>	57	71	87	113	68	119	52	54	57	60	739
Substation Capacity (MVA)	5					38					43
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	144	110	131	142	112	142	46	48	51	53	980
<i>Expansion</i>	92	48	39	38	44	15					275
<i>Rehabilitation</i>	53	63	92	104	69	127	46	48	51	53	705
Substation Projects	12					74					86
Electrification Projects	101	64	60	37	30	30	31	32	33	34	454
<b>Total</b>	<b>258</b>	<b>175</b>	<b>191</b>	<b>179</b>	<b>143</b>	<b>246</b>	<b>77</b>	<b>80</b>	<b>84</b>	<b>87</b>	<b>1,520</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	269	269	269	269	269	269	269	269	269	269	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	
<b>Household Level (%)</b>	<b>88%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	<b>94%</b>	<b>95%</b>	<b>97%</b>	<b>98%</b>	<b>100%</b>	<b>101%</b>	
No. of Households Electrified (On-Grid)	120,574	125,397	130,413	135,630	141,055	146,697	152,565	158,668	165,015	171,615	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>120,574</b>	<b>125,397</b>	<b>130,413</b>	<b>135,630</b>	<b>141,055</b>	<b>146,697</b>	<b>152,565</b>	<b>158,668</b>	<b>165,015</b>	<b>171,615</b>	

Franchise Coverage:

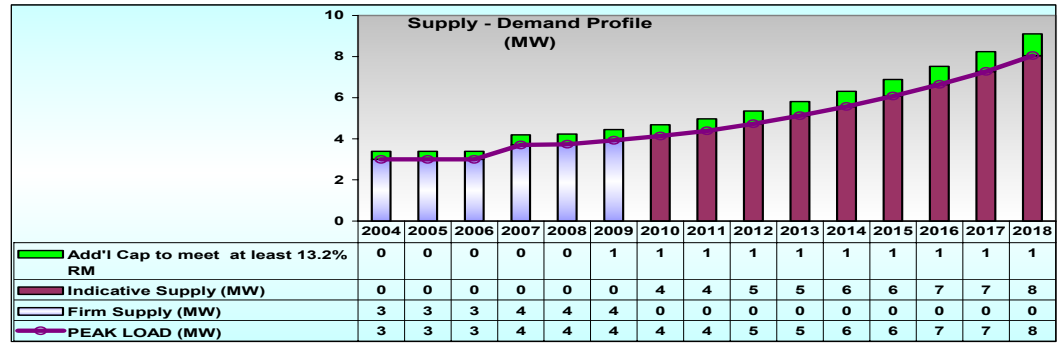
Encompasses a city and 12 municipalities, namely: Baguio City, Atok, Bakun, Buguias, Itogon, Kabayan, Kapangan, Kibungan, La Trinidad, Mankayan, Sablan, Tuba and Tublay.

## Kalinga-Apayao Electric Cooperative, Inc. (KAELCO)

General Information	
Location	P5, Bulanao, Tabuk City, Kalinga
Contact Person	Corazon D. Tomas
Position	General Manager
Tel. No:	
Fax No:	
E-mail Address	kaelco_ddp@yahoo.com
Coverage Area	5,694 sq. km.
No. of barangays	221
Franchise Population	

### SUPPLY HIGHLIGHTS

KAELCO will replace 5-MVA Substation at Bulanao into 10-MVA capacity and revamp of Feeder 3 (Substation to P6, Bulanao), Transition Supply Contract with NPC expires on December 2009.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	23,980	25,135	26,348	27,621	28,957	30,332	31,715	33,092	34,498	35,934	5%
Commercial	507	520	533	548	564	581	600	620	641	665	3%
Industrial	43	44	44	44	45	45	45	46	46	46	1%
Others	703	703	702	702	702	701	701	701	700	700	0%
<b>Total</b>	<b>25,234</b>	<b>26,402</b>	<b>27,628</b>	<b>28,916</b>	<b>30,268</b>	<b>31,659</b>	<b>33,061</b>	<b>34,458</b>	<b>35,886</b>	<b>37,345</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	10,180	10,801	11,460	12,158	12,891	13,656	14,439	15,238	16,065	16,921	6%
Commercial	1,572	1,804	2,073	2,389	2,753	3,206	3,771	4,443	5,243	6,249	16%
Industrial	1,669	2,033	2,477	3,044	3,741	4,597	5,650	6,943	8,532	10,485	23%
Others	1,795	1,812	1,830	1,847	1,865	1,882	1,900	1,918	1,937	1,955	1%
<b>Total</b>	<b>15,216</b>	<b>16,450</b>	<b>17,839</b>	<b>19,438</b>	<b>21,250</b>	<b>23,341</b>	<b>25,760</b>	<b>28,542</b>	<b>31,776</b>	<b>35,610</b>	<b>10%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	113	13	0	11	11	22	21				191
<i>Expansion(ckt-km)</i>	109										109
<i>Rehabilitation(ckt-km)</i>	4	13	0	11	11	22	21				82
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	104	9	8	9	9	6	6				151
<i>Expansion</i>	101										101
<i>Rehabilitation</i>	4	9	8	9	9	6	6				51
Substation Projects	32										32
Electrification Projects	42	7	5	5	6	5	5	5	5	5	89
<b>Total</b>	<b>179</b>	<b>16</b>	<b>13</b>	<b>15</b>	<b>15</b>	<b>10</b>	<b>10</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>272</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	145	145	145	145	145	145	145	145	145	145	
No. of Barangays Electrified (Off-Grid)	76	76	76	76	76	76	76	76	76	76	
<b>Total</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	<b>221</b>	
<b>Household Level (%)</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	
No. of Households Electrified (On-Grid)	22,916	24,062	25,265	26,528	27,855	29,220	30,593	31,970	33,376	34,812	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>22,916</b>	<b>24,062</b>	<b>25,265</b>	<b>26,528</b>	<b>27,855</b>	<b>29,220</b>	<b>30,593</b>	<b>31,970</b>	<b>33,376</b>	<b>34,812</b>	

Franchise Coverage:

Municipalities of Rizal, Pinukpuk, Lubuagan, Tinglayan, Pasil, Balbalan, Calanasan, Conner, Tanudan, and Kabugao.

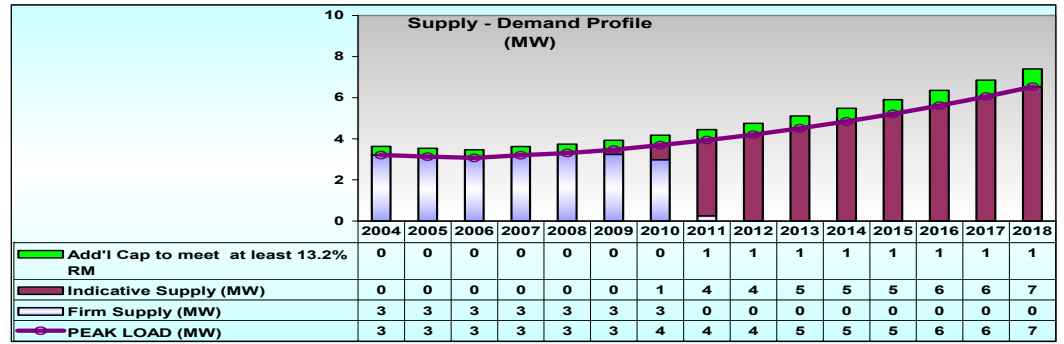


## Mountain Province Electric Cooperative, Inc. (MOPRECO)

General Information	
Location	Bontoc, Montain Province
Contact Person	Jude A. Domoguen
Position	General Manager
Tel. No:	(074) 602-1054
Fax No:	(074) 602-1054
E-mail Address	judomoguen@yahoo.com.ph
Coverage Area	12,000 sq.km.
No. of barangays	144
Franchise Population	

### SUPPLY HIGHLIGHTS

The acquisition of the 69KV line will impact on the cost of the Transmission charge after the line is fully paid. Also, the planned development of other sources of energy such as Mini-Hydro shall make it easier to transmit excess energy to other loads outside the province in the future. If this will materialize the transmission lines will be another core business of the cooperative.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	24,627	26,907	29,017	31,254	33,717	36,241	38,920	41,765	44,786	47,997	8%
Commercial	1,547	1,647	1,718	1,791	1,881	1,958	2,037	2,117	2,199	2,282	5%
Industrial											
Others	863	868	873	879	885	892	899	907	915	924	1%
<b>Total</b>	<b>27,037</b>	<b>29,422</b>	<b>31,609</b>	<b>33,925</b>	<b>36,483</b>	<b>39,091</b>	<b>41,856</b>	<b>44,788</b>	<b>47,900</b>	<b>51,203</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	6,197	6,611	7,053	7,530	8,048	8,608	9,214	9,871	10,586	11,362	7%
Commercial	1,916	2,021	2,129	2,244	2,365	2,492	2,626	2,767	2,917	3,074	5%
Industrial											
Others	3,063	3,345	3,658	4,005	4,389	4,814	5,285	5,807	6,387	7,030	10%
<b>Total</b>	<b>11,176</b>	<b>11,977</b>	<b>12,841</b>	<b>13,779</b>	<b>14,802</b>	<b>15,914</b>	<b>17,125</b>	<b>18,446</b>	<b>19,889</b>	<b>21,466</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	66	52	1		55	1					176
<i>Expansion(ckt-km)</i>	57	52			15						124
<i>Rehabilitation(ckt-km)</i>	9		1		40	1					51
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)	0.02	0.02	0.02	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.2
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	41	47	24	20	46	15	15	10	10	16	243
<i>Expansion</i>	36	46			13						94
<i>Rehabilitation</i>	6	1	24	20	33	15	15	10	10	16	150
Substation Projects	2		6	18							38
Electrification Projects	9	12	15	13	15	18	18	19	21	24	164
<b>Total</b>	<b>53</b>	<b>58</b>	<b>45</b>	<b>51</b>	<b>61</b>	<b>33</b>	<b>33</b>	<b>29</b>	<b>31</b>	<b>51</b>	<b>446</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	141	141	141	141	141	141	141	141	141	141	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	<b>144</b>	
<b>Household Level (%)</b>	<b>64%</b>	<b>66%</b>	<b>68%</b>	<b>71%</b>	<b>73%</b>	<b>76%</b>	<b>79%</b>	<b>81%</b>	<b>84%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	24,088	25,774	27,578	29,509	31,574	33,784	36,149	38,680	41,387	44,285	
No. of Households Electrified (Off-Grid)	50	50	50	50	50	50	50	50	50	50	
<b>Total</b>	<b>24,138</b>	<b>25,824</b>	<b>27,628</b>	<b>29,559</b>	<b>31,624</b>	<b>33,834</b>	<b>36,199</b>	<b>38,730</b>	<b>41,437</b>	<b>44,335</b>	

Franchise Coverage:

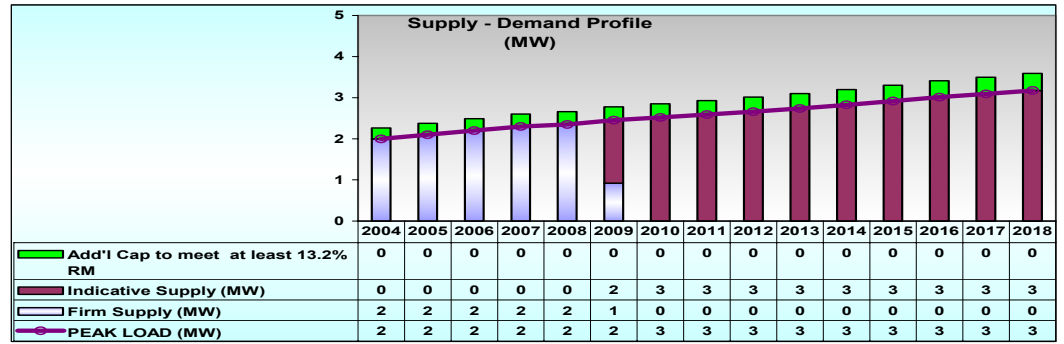
10 Municipalities in Cordillera Region, namely: Barlig, Bauko, Besao, Bontoc, Natonin, Paracelis, Sabangan, Sadanga, Sagada, and Tadian.

## Ifugao Electric Cooperative, Inc. (IFELCO)

General Information	
Location	Lagawe, Ifugao
Contact Person	Jaime Pe Benito, Jr.
Position	General Manager
Tel. No:	(074)382- 2092
Fax No:	(074)382- 2092
E-mail Address	ifelco_light@yahoo.com.ph
Coverage Area	
No. of barangays	175
Franchise Population	

### SUPPLY HIGHLIGHTS

The TSC with NPC ended on June 2008. IFELCO is planning to put up a 5 MVA substation in Alfonso Lista since the present source of power is ISELCO I. IFELCO is making representations with SN ABOITIZ, the owner of Magat HPP, to include IFELCO as one among their direct customers of power. As of the present, IFELCO is negotiating for the rate charged by SN ABOITIZ in the power contract.

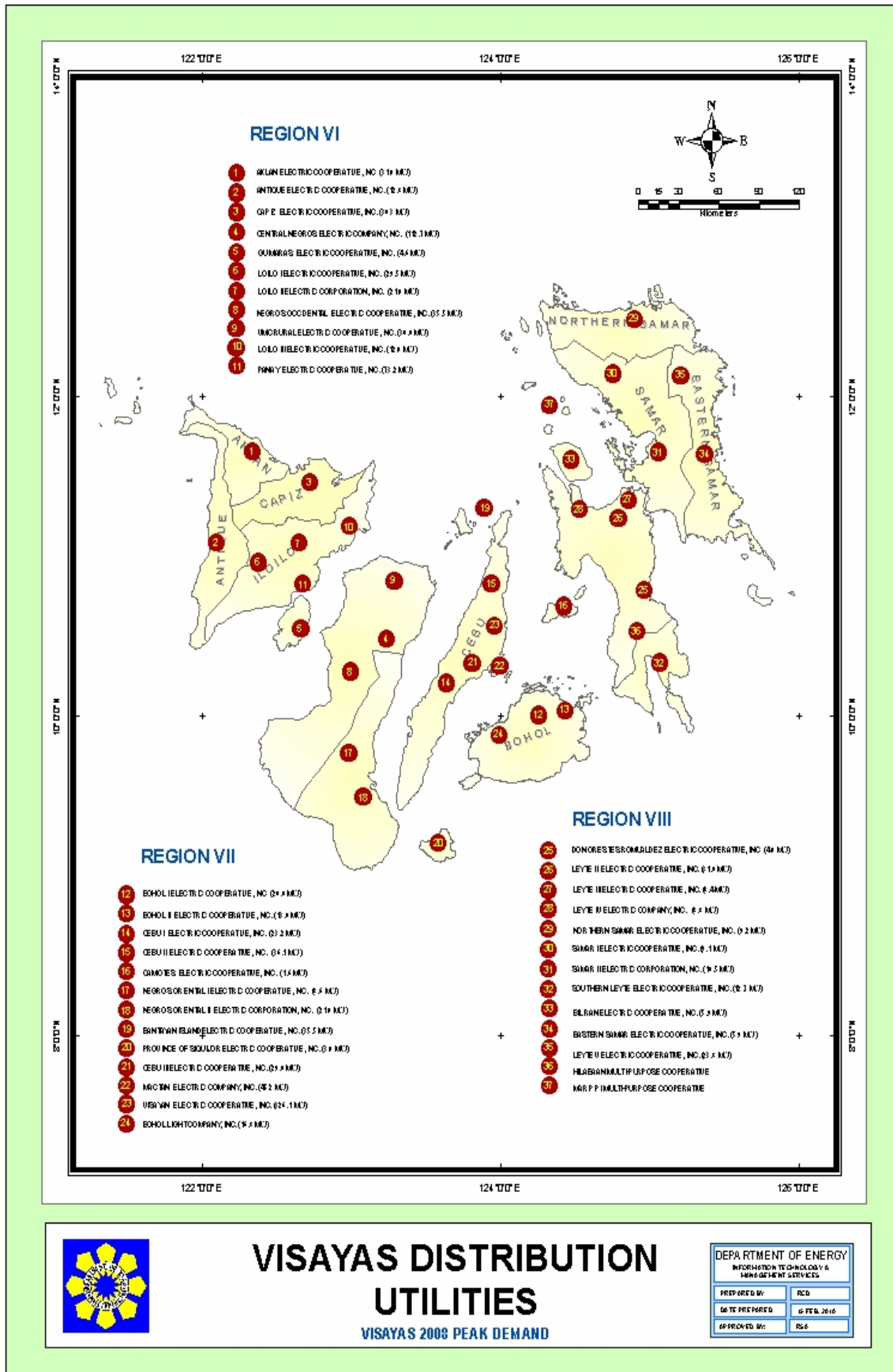


No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	16,341	17,052	17,697	18,362	19,049	19,723	20,421	21,141	21,886	22,656	4%
Commercial	1,153	1,176	1,200	1,225	1,253	1,275	1,300	1,326	1,352	1,379	2%
Industrial	134	136	139	142	145	148	150	153	157	160	2%
Others	1,213	1,213	1,213	1,213	1,213	1,214	1,214	1,214	1,214	1,214	0.1%
<b>Total</b>	<b>18,840</b>	<b>19,578</b>	<b>20,250</b>	<b>20,942</b>	<b>21,660</b>	<b>22,359</b>	<b>23,085</b>	<b>23,834</b>	<b>24,609</b>	<b>25,409</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	4,961	5,187	5,423	5,674	5,938	6,216	6,509	6,819	7,146	7,491	5%
Commercial	1,733	1,761	1,790	1,820	1,851	1,882	1,914	1,946	1,980	2,014	2%
Industrial	580	591	603	615	627	640	653	666	680	694	2%
Others	1,618	1,622	1,626	1,630	1,633	1,637	1,641	1,645	1,649	1,653	0%
<b>Total</b>	<b>8,892</b>	<b>9,160</b>	<b>9,441</b>	<b>9,738</b>	<b>10,049</b>	<b>10,375</b>	<b>10,717</b>	<b>11,077</b>	<b>11,455</b>	<b>11,852</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	57	36	14	1	3	3	3	2	3		121
Expansion(ckt-km)	15	0	10	1	3	3	3	2	3		40
Rehabilitation(ckt-km)	41	36	4	1							82
Substation Capacity (MVA)	5	5									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	62	19	17	10	10	2	2	3	2		128
Expansion	17	0	12	6	7	2	2	2	2		50
Rehabilitation	45	19	5	4	3	1	1	1	1		78
Substation Projects	18	18									36
Electrification Projects	11	3	3	3	4	3	4	3	4	4	42
<b>Total</b>	<b>91</b>	<b>40</b>	<b>20</b>	<b>13</b>	<b>14</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>4</b>	<b>205</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	153	153	153	153	153	153	153	153	153	153	
No. of Barangays Electrified (Off-Grid)	22	22	22	22	22	22	22	22	22	22	
<b>Total</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	<b>175</b>	
<b>Household Level (%)</b>	<b>46%</b>	<b>46%</b>	<b>47%</b>	<b>47%</b>	<b>47%</b>	<b>48%</b>	<b>48%</b>	<b>48%</b>	<b>49%</b>	<b>49%</b>	
No. of Households Electrified (On-Grid)	16,091	16,654	17,237	17,841	18,465	19,111	19,780	20,472	21,189	21,931	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>16,091</b>	<b>16,654</b>	<b>17,237</b>	<b>17,841</b>	<b>18,465</b>	<b>19,111</b>	<b>19,780</b>	<b>20,472</b>	<b>21,189</b>	<b>21,931</b>	

### Franchise Coverage:

The franchise area is the lone province of Ifugao which is comprised of eleven(11) municipalities; namely, Lagawe, Banaue, Hungduan, Mayoyao, Alfonso lista, Lamut, Kiangan, Asipulo, Tinoc, Hingyon and Asipulo.

**VISAYAS  
ONE-PAGE DDP  
SUMMARY**



# VISAYAS DISTRIBUTION UTILITIES

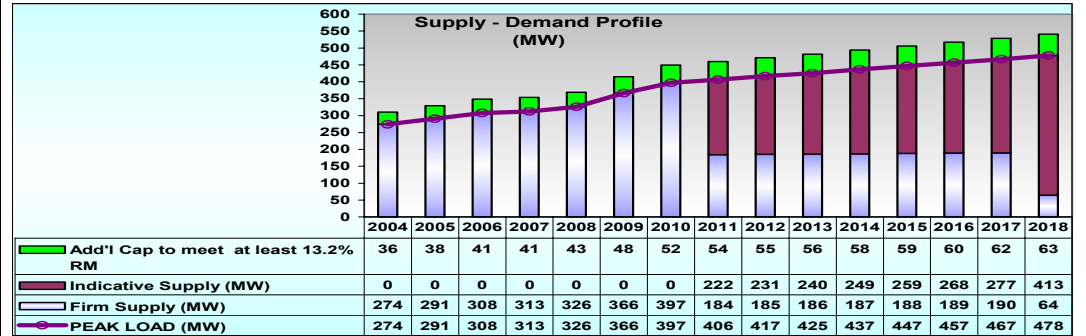
VISAYAS 2008 PEAK DEMAND

DEPARTMENT OF ENERGY	
INFORMATION TO CHECKERS & MANAGING SERVICES	
PREPARED BY:	RCO
DATE PREPARED:	0-PTB-2010
APPROVED BY:	ESG

**VISAYAS  
PRIVATE INVESTOR-OWNED  
UTILITIES**

## Visayan Electric Company, Inc. (VECO)

General Information	
Location	J. Panis., Banilad, Cebu City
Contact Person	Valentin S. Saludes III
Position	AVP Engineering Group
Tel. No:	(032) 230-8326
Fax No:	(032) 231-0580
E-mail Address	vsaludes@aboitiz.com.ph
Coverage Area	
No. of barangays	232
Franchise Population	
SUPPLY HIGHLIGHTS	



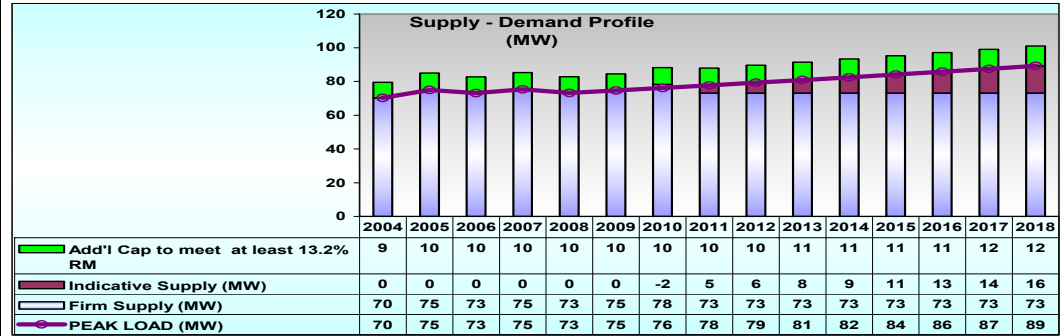
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	261,509	266,463	271,451	276,536	281,672	286,839	292,039	297,280	302,557	307,876	2%
Commercial	39,191	41,637	44,161	46,685	49,211	51,736	54,261	56,787	59,315	61,843	5%
Industrial	1,224	1,288	1,355	1,424	1,499	1,575	1,657	1,743	1,834	1,929	5%
Others	138	140	142	144	146	148	150	152	154	156	1%
<b>Total</b>	<b>302,062</b>	<b>309,528</b>	<b>317,109</b>	<b>324,789</b>	<b>332,528</b>	<b>340,298</b>	<b>348,107</b>	<b>355,962</b>	<b>363,860</b>	<b>371,804</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	558,919	566,690	574,013	580,953	587,436	593,494	599,144	604,379	609,206	613,680	1%
Commercial	351,328	356,882	363,184	369,138	374,784	380,026	384,894	389,463	393,854	397,865	1%
Industrial	885,645	926,627	968,741	1,011,874	1,056,272	1,101,940	1,149,543	1,197,520	1,247,806	1,299,789	4%
Others	21,815	21,836	21,848	21,852	21,847	21,834	21,813	21,785	21,750	21,700	0%
<b>Total</b>	<b>1,817,707</b>	<b>1,872,035</b>	<b>1,927,786</b>	<b>1,983,817</b>	<b>2,040,339</b>	<b>2,097,294</b>	<b>2,155,394</b>	<b>2,213,147</b>	<b>2,272,616</b>	<b>2,333,034</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	207	139	117	103	103	103	103	103	103	103	1184
Expansion(ckt-km)	199	130	109	94	94	94	94	94	94	94	1098
Rehabilitation(ckt-km)	9	9	9	9	9	9	9	9	9	9	86
Substation Capacity (MVA)	200	150	50	10	25	50	25	25	25	25	510
Reactive Power Compensation Plan (MVAr)	5	6	6	6	6	7	7	7	7	8	65
Capital Investment Requirements(In Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	495	536	549	563	574	590	603	617	645	645	5,816
Expansion	473	503	509	516	526	541	553	566	591	591	5,369
Rehabilitation	21	33	40	47	48	49	50	51	54	54	447
Substation Projects	73	79	81	83	84	87	89	91	93	95	852
Electrification Projects											
<b>Total</b>	<b>567</b>	<b>615</b>	<b>630</b>	<b>645</b>	<b>659</b>	<b>676</b>	<b>692</b>	<b>707</b>	<b>738</b>	<b>740</b>	<b>6,668</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	232	232	232	232	232	232	232	232	232	232	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	<b>232</b>	
<b>Household Level (%)</b>	<b>97%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	261,509	266,463	271,451	276,536	281,672	286,839	292,039	297,280	302,557	307,876	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>261,509</b>	<b>266,463</b>	<b>271,451</b>	<b>276,536</b>	<b>281,672</b>	<b>286,839</b>	<b>292,039</b>	<b>297,280</b>	<b>302,557</b>	<b>307,876</b>	

Franchise Coverage:

Three (3) Cities and five (5) municipalities: Cebu City, Mandaue City and Talisay City, Consolacion, Liloan, Minlanilla, Naga and San Fernando.

## Panay Electric Company, Inc. (PECO)

General Information	
Location	23 Gen. Luna St., Iloilo City
Contact Person	Randy S. Pastolero
Position	Special Assistant to the Pres. & Chief Executive Officer
Tel. No:	(033) 337-2878
Fax No:	(033) 509-7293
E-mail Address	eam-peco@yahoo.com
Coverage Area	
No. of barangays	180
Franchise Population	



### SUPPLY HIGHLIGHTS

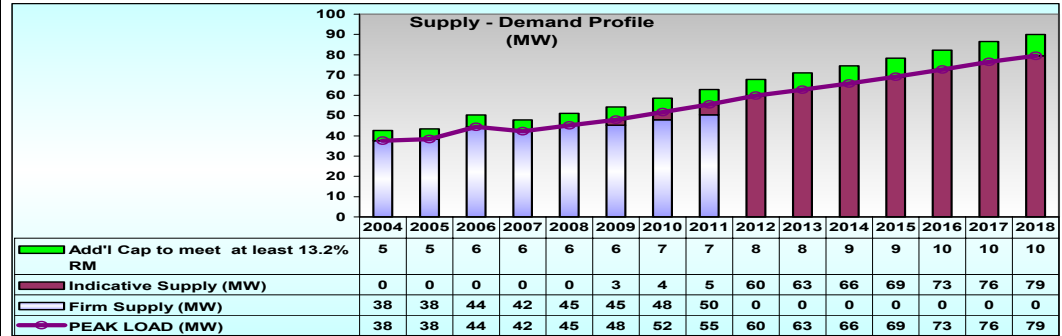
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	47,979	48,554	49,137	49,726	50,323	50,927	51,538	52,156	52,782	53,416	1%
Commercial	2,759	2,773	2,787	2,801	2,815	2,829	2,843	2,858	2,872	2,886	0%
Industrial	1,065	1,117	1,169	1,221	1,273	1,325	1,376	1,428	1,480	1,532	5%
Others	706	739	772	805	838	871	904	937	970	1,003	5%
<b>Total</b>	<b>52,509</b>	<b>53,183</b>	<b>53,865</b>	<b>54,553</b>	<b>55,249</b>	<b>55,952</b>	<b>56,662</b>	<b>57,379</b>	<b>58,104</b>	<b>58,837</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	123,677	126,151	128,674	131,247	133,872	136,550	139,281	142,066	144,908	147,806	2%
Commercial	66,768	68,104	69,466	70,855	72,272	73,718	75,192	76,696	78,230	79,794	2%
Industrial	137,490	140,239	143,044	145,905	148,823	151,800	154,836	157,932	161,091	164,313	2%
Others	26,250	26,766	27,293	27,830	28,377	28,936	29,505	30,086	30,678	31,282	2%
<b>Total</b>	<b>354,185</b>	<b>361,260</b>	<b>368,476</b>	<b>375,837</b>	<b>383,345</b>	<b>391,002</b>	<b>398,813</b>	<b>406,780</b>	<b>414,906</b>	<b>423,195</b>	<b>2%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	2	1	1	1	1	1	1	1	1	1	7
<i>Expansion(ckt-km)</i>	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	1
<i>Rehabilitation(ckt-km)</i>	2	1	1	1	1	1	1	1	1	1	6
Substation Capacity (MVA)	40	10									50
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	15	20	10	10	10	10	10	10	10	10	115
<i>Expansion</i>	1	3	2	2	2	2	2	2	2	2	18
<i>Rehabilitation</i>	14	17	8	8	8	8	8	8	8	8	97
Substation Projects	130	30	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	162
Electrification Projects	5	5	5	5	5	5	5	5	5	5	55
<b>Total</b>	<b>150</b>	<b>55</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>16</b>	<b>332</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)											
No. of Barangays Electrified (Off-Grid)	180	180	180	180	180	180	180	180	180	180	
<b>Total</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	<b>180</b>	
<b>Household Level (%)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	
No. of Households Electrified (On-Grid)											
No. of Households Electrified (Off-Grid)	76858.12	77943.34	79028.55	80113.77	81198.99	82284.20	83369.42	84454.63	85539.85	86625.07	
<b>Total</b>	<b>76,858</b>	<b>77,943</b>	<b>79,029</b>	<b>80,114</b>	<b>81,199</b>	<b>82,284</b>	<b>83,369</b>	<b>84,455</b>	<b>85,540</b>	<b>86,625</b>	

Franchise Coverage:

PECO covers the whole city of Iloilo City.

## Mactan Electric Company, Inc. (MECO)

General Information	
Location	Lapu-lapu City, Cebu
Contact Person	Engr. Gilbert A. Pagobo
Position	Vice President and General Manager
Tel. No.:	(032) 340-8568
Fax No.:	(032) 232-5340
E-mail Address	gap0602@yahoo.com
Coverage Area	73.216 sq.km.
No. of barangays	43
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	55,049	57,722	60,320	62,821	65,328	70,685	76,481	82,753	89,538	96,701	6%
Commercial	3,695	3,877	4,053	4,221	4,388	4,695	5,024	5,375	5,752	6,154	5%
Industrial	416	436	457	488	509	540	572	606	643	681	5%
Others	210	225	230	230	235	235	235	235	235	235	0.4%
<b>Total</b>	<b>59,370</b>	<b>62,260</b>	<b>65,060</b>	<b>67,760</b>	<b>70,460</b>	<b>76,155</b>	<b>82,312</b>	<b>88,969</b>	<b>96,168</b>	<b>103,772</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	99,084	103,987	109,731	116,575	123,246	131,093	139,838	149,590	160,476	172,642	6%
Commercial	20,200	21,169	22,291	23,627	24,928	26,450	28,140	30,016	32,103	34,425	5%
Industrial	112,647	118,202	124,699	132,440	139,985	148,853	158,731	169,742	182,028	195,750	6%
Others	13,654	14,014	14,293	14,606	14,915	15,203	15,483	15,759	16,033	16,310	2%
<b>Total</b>	<b>245,584</b>	<b>257,373</b>	<b>271,013</b>	<b>287,247</b>	<b>303,074</b>	<b>321,599</b>	<b>342,192</b>	<b>365,107</b>	<b>390,640</b>	<b>419,127</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	13	10	11	11	12	13	13	14	15	15	127
Expansion(ckt-km)	9	10	10	11	11	12	13	13	14	15	119
Rehabilitation(ckt-km)	3	0.4	0.5	0.5	0.5	1	1	1	1	1	8
Substation Capacity (MVA)	10			20			10				40
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities											
Expansion											
Rehabilitation											
Substation Projects											
Electrification Projects											
<b>Total</b>											
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	31	31	31	31	31	31	31	31	31	31	
No. of Barangays Electrified (Off-Grid)	12	12	12	12	12	12	12	12	12	12	
<b>Total</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	<b>43</b>	
<b>Household Level (%)</b>	<b>90%</b>	<b>93%</b>	<b>93%</b>	<b>93%</b>	<b>93%</b>	<b>93%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No. of Households Electrified (On-Grid)	55,233	56,890	58,596	60,354	62,165	64,030	65,951	67,929	69,967	72,066	
No. of Households Electrified (Off-Grid)	6143.95	6328.27	6518.12	6713.66	6915.07	7122.52	7336.20	7556.28	7782.97	8016.46	
<b>Total</b>	<b>61,377</b>	<b>63,218</b>	<b>65,115</b>	<b>67,068</b>	<b>69,080</b>	<b>71,152</b>	<b>73,287</b>	<b>75,486</b>	<b>77,750</b>	<b>80,083</b>	

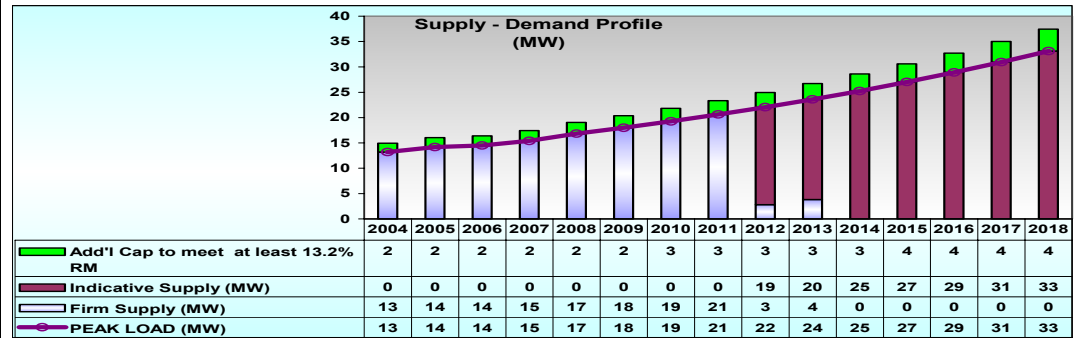
Franchise Coverage:

Mactan Island, Cebu



## Bohol Light Company, Inc. (BLCI)

General Information	
Location	R. Enerio St. Tagbilaran City
Contact Person	Engr. Noel L. Alingig
Position	General Manager
Tel. No:	(038) 411-3503. 501-7762
Fax No:	(038) 501-9972
E-mail Address	nlalingig@bohollight.com
Coverage Area	
No. of barangays	15
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	14,474	14,619	14,765	14,913	15,062	15,213	15,365	15,518	15,674	15,830	1%
Commercial	2,422	2,446	2,471	2,495	2,520	2,546	2,571	2,597	2,623	2,649	1%
Industrial											
Others	165	165	165	165	165	165	165	165	165	165	0.1%
<b>Total</b>	<b>17,061</b>	<b>17,230</b>	<b>17,401</b>	<b>17,573</b>	<b>17,747</b>	<b>17,923</b>	<b>18,101</b>	<b>18,280</b>	<b>18,461</b>	<b>18,644</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	33,087	35,072	37,176	39,407	41,771	44,278	46,934	49,750	52,735	55,900	6%
Commercial	40,486	42,915	45,490	48,219	51,112	54,179	57,430	60,875	64,528	68,400	6%
Industrial											
Others	8,985	9,524	10,095	10,701	11,343	12,023	12,745	13,509	14,320	15,179	6%
<b>Total</b>	<b>82,557</b>	<b>87,510</b>	<b>92,761</b>	<b>98,327</b>	<b>104,226</b>	<b>110,480</b>	<b>117,109</b>	<b>124,135</b>	<b>131,583</b>	<b>139,478</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	3	3	3	3	3						15
<i>Expansion(ckt-km)</i>	2	2	2	2	2						10
<i>Rehabilitation(ckt-km)</i>	1	1	1	1	1						5
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(In Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	5	9	10	11	11						45
<i>Expansion</i>	3	6	6	7	7						30
<i>Rehabilitation</i>	2	3	3	4	4						15
Substation Projects	5	15	5	6	6						36
Electrification Projects	2	6	6	7	7						27
<b>Total</b>	<b>12</b>	<b>30</b>	<b>21</b>	<b>23</b>	<b>24</b>						<b>108</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	15	15	15	15	15	15	15	15	15	15	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	<b>15</b>	
<b>Household Level (%)</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>						
No. of Households Electrified (On-Grid)	17,061	17,230	17,401	17,573	17,747						
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>17,061</b>	<b>17,230</b>	<b>17,401</b>	<b>17,573</b>	<b>17,747</b>						

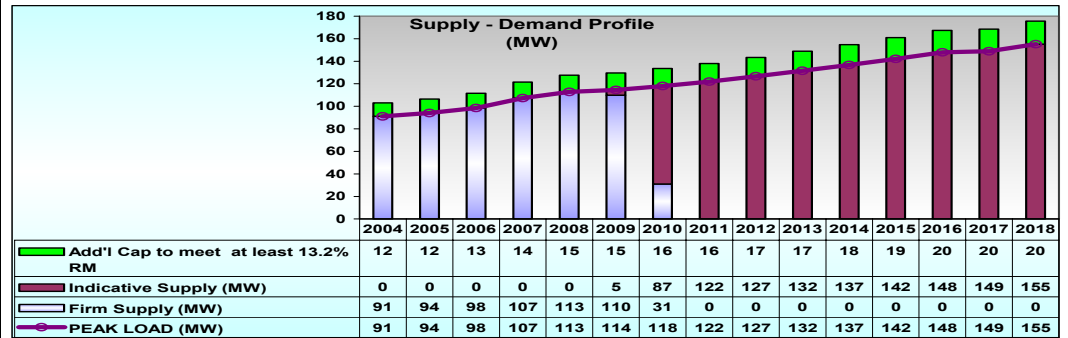
Franchise Coverage:

Tagbilaran City, Bohol

# REGION 6 ELECTRIC COOPERATIVES

## Central Negros Electric Cooperative, Inc. (CENECO)

General Information	
Location	Gonzaga-Mabini St., Bacolod City
Contact Person	Sulpicio C. Lagarde, Jr.
Position	General Manager
Tel. No:	(034) 435-3641 to 49
Fax No:	(034) 435-4079
E-mail Address	
Coverage Area	
No. of barangays	158
Franchise Population	
SUPPLY HIGHLIGHTS	
CENECO will be acquire 69 kV transmission line from NGCP and will construct additional 69 kV transmission lines. Supply Contract with NPC will expire in 2010 and power will be sourced from KEPCO starting 2011.	



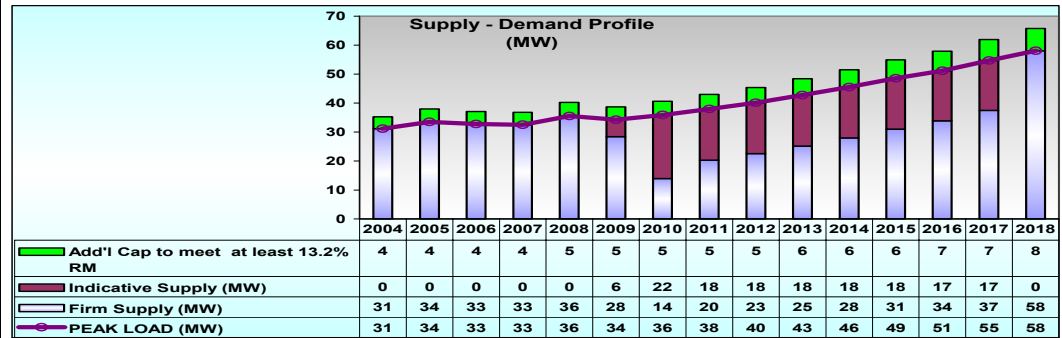
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	123,456	129,210	135,374	141,177	146,906	152,731	158,643	164,792	171,186	177,836	4%
Commercial	9,436	9,632	9,831	10,035	10,244	10,456	10,673	10,895	11,122	11,353	2%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	412	412	413	414	415	416	416	417	418	419	1%
<b>Total</b>	<b>133,304</b>	<b>139,254</b>	<b>145,618</b>	<b>151,626</b>	<b>157,564</b>	<b>163,603</b>	<b>169,733</b>	<b>176,104</b>	<b>182,726</b>	<b>189,608</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	246,319	260,502	276,557	293,607	311,575	330,591	350,768	372,176	394,889	418,987	6%
Commercial	144,384	149,669	155,121	160,768	166,621	172,689	178,981	185,506	192,272	199,290	4%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	129,858	131,162	132,476	133,802	135,139	136,488	137,849	139,221	140,606	142,003	1%
<b>Total</b>	<b>520,561</b>	<b>541,332</b>	<b>564,155</b>	<b>588,177</b>	<b>613,335</b>	<b>639,769</b>	<b>667,598</b>	<b>696,903</b>	<b>727,767</b>	<b>760,280</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	54	46	35								134
Expansion(ckt-km)	46	32	35								113
Rehabilitation(ckt-km)	8	14									22
Substation Capacity (MVA)	15	10									25
Reactive Power Compensation Plan (MVA)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	110	130	90	68	68	68	68	68	68	68	810
Expansion	94	91	90								275
Rehabilitation	16	39		68	68	68	68	68	68	68	535
Substation Projects	34	55									89
Electrification Projects	48	33	31	34	35	36	37	38	39	40	372
<b>Total</b>	<b>192</b>	<b>219</b>	<b>121</b>	<b>102</b>	<b>104</b>	<b>105</b>	<b>106</b>	<b>107</b>	<b>107</b>	<b>108</b>	<b>1,270</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	158	158	158	158	158	158	158	158	158	158	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	<b>158</b>	
<b>Household Level (%)</b>	<b>55%</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>58%</b>	<b>58%</b>	
No. of Households Electrified (On-Grid)	121,481	126,341	131,394	136,650	142,116	147,801	153,713	159,861	166,256	172,906	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>121,481</b>	<b>126,341</b>	<b>131,394</b>	<b>136,650</b>	<b>142,116</b>	<b>147,801</b>	<b>153,713</b>	<b>159,861</b>	<b>166,256</b>	<b>172,906</b>	

Franchise Coverage:

Bago City, Bacolod City, Talisay City, Silay City, Murcia, and Don Salvador Benedicto.

## Negros Occidental Electric Cooperative, Inc. (NOCECO)

General Information	
Location	Kabankalan City, Negros Occidental
Contact Person	Lamberto M. Canlas
Position	General Manager
Tel. No:	(034) 471-2229
Fax No:	(034) 471-2829
E-mail Address	email@noceco.ph
Coverage Area	
No. of barangays	308
Franchise Population	
SUPPLY HIGHLIGHTS	



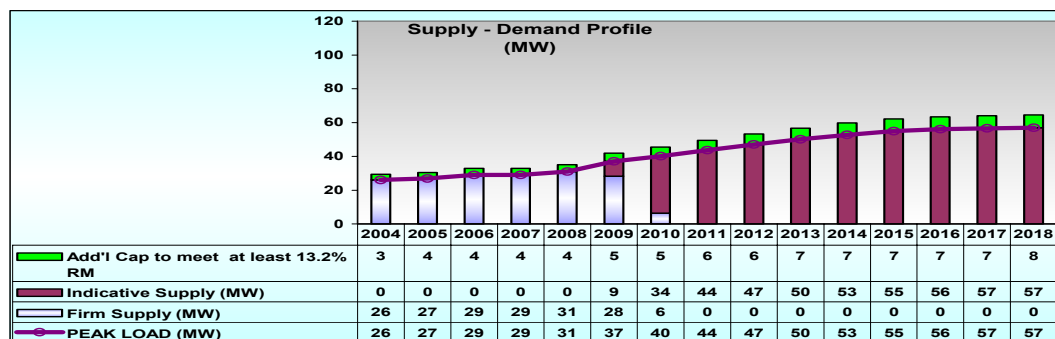
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	107,567	114,559	121,777	129,205	136,828	144,627	152,582	160,669	168,863	177,137	6%
Commercial	3,986	4,185	4,394	4,614	4,845	5,087	5,341	5,608	5,889	6,183	5%
Industrial	9	10	11	12	13	14	16	17	19	21	10%
Others	2,084	2,205	2,328	2,451	2,576	2,701	2,826	2,952	3,078	3,205	5%
<b>Total</b>	<b>113,647</b>	<b>120,960</b>	<b>128,510</b>	<b>136,282</b>	<b>144,262</b>	<b>152,430</b>	<b>160,765</b>	<b>169,246</b>	<b>177,849</b>	<b>186,546</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	84,319	87,974	93,428	100,236	107,502	115,168	123,764	133,977	144,566	154,168	7%
Commercial	21,888	23,120	24,446	25,874	27,412	29,070	30,850	32,740	34,745	36,872	6%
Industrial	3,022	3,545	4,128	4,751	5,453	6,183	6,987	7,812	8,729	9,658	14%
Others	27,778	29,234	30,885	32,584	34,488	36,614	38,762	41,142	43,773	46,395	6%
<b>Total</b>	<b>137,006</b>	<b>143,873</b>	<b>152,887</b>	<b>163,444</b>	<b>174,855</b>	<b>187,035</b>	<b>200,363</b>	<b>215,672</b>	<b>231,813</b>	<b>247,092</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	4	28	38	22	5	5	5				107
Expansion(ckt-km)		3		13							16
Rehabilitation(ckt-km)	4	25	38	9	5	5	5				91
Substation Capacity (MVA)	10		10		10						30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	2	21	12	53	9	7	5	0.5	0.5	0.5	110
Expansion		2		31							33
Rehabilitation	2	19	12	22	9	7	5	0.5	0.5	0.5	77
Substation Projects	27		27		27						81
Electrification Projects	24	23	11	13	12	12	13	13	13	13	147
<b>Total</b>	<b>53</b>	<b>44</b>	<b>50</b>	<b>66</b>	<b>47</b>	<b>19</b>	<b>17</b>	<b>13</b>	<b>13</b>	<b>14</b>	<b>338</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	300	300	300	300	300	300	300	300	300	300	
No. of Barangays Electrified (Off-Grid)	8	8	8	8	8	8	8	8	8	8	
<b>Total</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	
<b>Household Level (%)</b>	<b>40%</b>	<b>41%</b>	<b>42%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>49%</b>	
No. of Households Electrified (On-Grid)	107,567	114,559	121,777	129,205	136,828	144,627	152,582	160,669	168,863	177,137	
No. of Households Electrified (Off-Grid)	209	209	209	209	209	209	209	209	209	209	
<b>Total</b>	<b>107,776</b>	<b>114,768</b>	<b>121,986</b>	<b>129,414</b>	<b>137,037</b>	<b>144,836</b>	<b>152,791</b>	<b>160,878</b>	<b>169,072</b>	<b>177,346</b>	

Franchise Coverage:

Pulupandan, Valladolid, San Enrique, Pontevedra, La Carlota City, La Castellana, Moises Padilla, Isabela, Hinigaran, Binalbagan, and Himamaylan City.

## Aklan Electric Cooperative, Inc. (AKELCO)

General Information	
Location	Lezo, Aklan
Contact Person	Chito R. Peralta
Position	General Manager
Tel. No:	(036) 275-8327/036/ (036) 274-7274
Fax No:	(036) 275-8327/036/ (036) 274-7274
E-mail Address	kahayag@akelco.com.ph
Coverage Area	1,817 sq.km.
No. of barangays	380
Franchise Population	
SUPPLY HIGHLIGHTS	
AKELCO's contracted energy from TransCo is 150,776MWh for 2009 and has an existing supply contract at 48,000MWh per year from GBPC.	



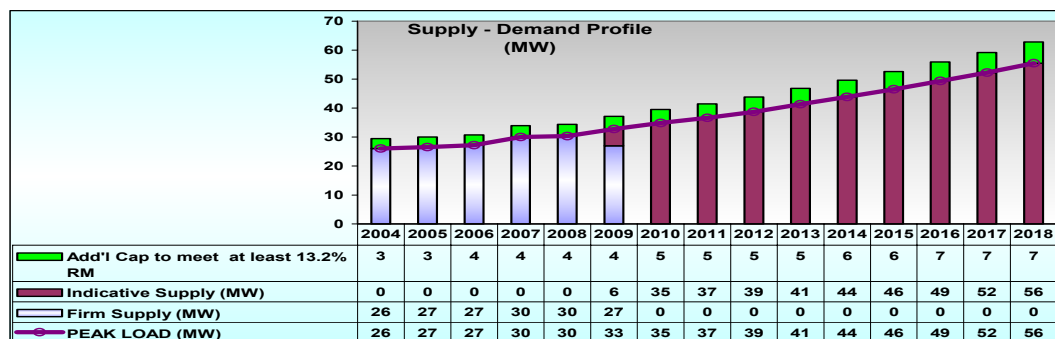
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	87,716	91,470	94,547	99,021	103,091	106,682	109,720	112,133	113,845	114,783	3%
Commercial	5,763	5,789	6,195	6,566	6,893	7,166	7,375	7,495	7,536	7,584	4%
Industrial	29	30	31	32	32	33	34	34	35	35	3%
Others	2,063	2,014	2,022	2,115	2,058	2,068	2,076	2,024	2,009	1,994	0.3%
<b>Total</b>	<b>95,570</b>	<b>99,303</b>	<b>102,794</b>	<b>107,734</b>	<b>112,074</b>	<b>115,949</b>	<b>119,205</b>	<b>121,686</b>	<b>123,424</b>	<b>124,396</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	63,621	68,890	73,572	79,007	84,343	89,587	93,920	97,702	99,729	100,871	6%
Commercial	81,026	89,182	99,553	107,823	115,515	122,231	127,198	128,700	129,466	130,229	8%
Industrial	1,178	1,338	1,454	1,543	1,638	1,671	1,753	1,777	1,802	1,821	7%
Others	9,368	9,591	9,993	10,636	11,014	11,005	11,339	11,281	11,256	11,205	3%
<b>Total</b>	<b>155,193</b>	<b>169,001</b>	<b>184,572</b>	<b>199,009</b>	<b>212,510</b>	<b>224,494</b>	<b>234,211</b>	<b>239,459</b>	<b>242,253</b>	<b>244,126</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	38	16	10	16	15	15	22	18	12	17	180
Expansion(ckt-km)	15	16									30
Rehabilitation(ckt-km)	24	0	10	16	15	15	22	18	12	17	150
Substation Capacity (MVA)								10	20		30
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	55	35	46	51	54	55	60	61	60	65	542
Expansion	21	33									55
Rehabilitation	34	1	46	51	54	55	60	61	60	65	487
Substation Projects	11								30		41
Electrification Projects	34	28	22	21	24	19	16	15	13	27	220
<b>Total</b>	<b>100</b>	<b>63</b>	<b>68</b>	<b>72</b>	<b>78</b>	<b>75</b>	<b>76</b>	<b>76</b>	<b>103</b>	<b>92</b>	<b>803</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No. of Barangays Electrified (On-Grid)	375	375	375	375	375	375	375	375	375	375	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	<b>375</b>	
<b>Household Level (%)</b>	<b>86%</b>	<b>87%</b>	<b>88%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	<b>92%</b>	<b>92%</b>	<b>91%</b>	<b>89%</b>	
No. of Households Electrified (On-Grid)	87,522	90,696	93,368	97,439	101,104	104,291	106,926	108,934	110,242	110,776	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>87,522</b>	<b>90,696</b>	<b>93,368</b>	<b>97,439</b>	<b>101,104</b>	<b>104,291</b>	<b>106,926</b>	<b>108,934</b>	<b>110,242</b>	<b>110,776</b>	

Franchise Coverage:

Covers 17 towns of AKLAN and 2 towns of ANTIQUE (Pandan and Libertad)

## Capiz Electric Cooperative, Inc. (CAPELCO)

General Information	
Location	Timpas, Panitan, Capiz
Contact Person	Engr. Edgar D. Diaz
Position	General Manager
Tel. No:	(036) 6340-264
Fax No:	(036) 6340-264
E-mail Address	capiz_electric_cooperative@yahoo.com
Coverage Area	2,633 sq.km.
No. of barangays	308
Franchise Population	



**SUPPLY HIGHLIGHTS**

Our Supply agreement with NPC is based on annual agreement only. By 2009 an IPP will enter the system with minimum off take of 75 MWh to 85 MWh in 2010 and 110 MWh onward. Also considering the possible participation by WESM and Biomass Power Supplier.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	107,567	114,559	121,777	129,205	136,828	144,627	152,582	160,669	168,863	177,137	6%
Commercial	3,986	4,185	4,394	4,614	4,845	5,087	5,341	5,608	5,889	6,183	5%
Industrial	9	11	11	12	13	14	16	17	19	21	10%
Others	2,084	2,205	2,328	2,451	2,576	2,701	2,826	2,952	3,078	3,205	5%
<b>Total</b>	<b>113,647</b>	<b>120,960</b>	<b>128,510</b>	<b>136,282</b>	<b>144,262</b>	<b>152,430</b>	<b>160,765</b>	<b>169,246</b>	<b>177,849</b>	<b>186,546</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	80,464	87,141	94,133	101,488	109,258	117,446	126,075	135,174	144,765	154,872	8%
Commercial	33,834	36,239	38,754	41,390	44,150	47,035	50,051	53,206	56,505	59,955	7%
Industrial	13,762	14,453	15,155	15,870	16,598	17,339	18,093	18,860	19,641	20,436	5%
Others	8,261	8,618	8,980	9,340	9,702	10,110	10,467	10,824	11,181	11,538	4%
<b>Total</b>	<b>136,322</b>	<b>146,451</b>	<b>157,022</b>	<b>168,087</b>	<b>179,708</b>	<b>191,929</b>	<b>204,686</b>	<b>218,064</b>	<b>232,093</b>	<b>246,801</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	44	15	15	16	20	36	8	27	38	19	239
<i>Expansion(ckt-km)</i>	3	5	3	4	12	23	5	11	18	5	87
<i>Rehabilitation(ckt-km)</i>	41	10	12	13	8	14	3	16	20	15	152
Substation Capacity (MVA)		20				10			10		40
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	46	27	35	38	46	42	6	9	36	6	291
<i>Expansion</i>	3	9	6	8	27	26	3	4	17	1	106
<i>Rehabilitation</i>	43	19	29	30	19	16	2	5	19	4	185
Substation Projects		36				32			32		100
Electrification Projects	29	22	15	25	31	20	21	25	18	21	227
<b>Total</b>	<b>75</b>	<b>86</b>	<b>50</b>	<b>63</b>	<b>77</b>	<b>94</b>	<b>26</b>	<b>34</b>	<b>86</b>	<b>27</b>	<b>619</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	300	300	300	300	300	300	300	300	300	300	
No. of Barangays Electrified (Off-Grid)	8	8	8	8	8	8	8	8	8	8	
<b>Total</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	<b>308</b>	
<b>Household Level (%)</b>	<b>40%</b>	<b>41%</b>	<b>42%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>49%</b>	
No. of Households Electrified (On-Grid)	107,567	114,559	121,777	129,205	136,828	144,627	152,582	160,669	168,863	177,137	
No. of Households Electrified (Off-Grid)	209	209	209	209	209	209	209	209	209	209	
<b>Total</b>	<b>107,776</b>	<b>114,768</b>	<b>121,986</b>	<b>129,414</b>	<b>137,037</b>	<b>144,836</b>	<b>152,791</b>	<b>160,878</b>	<b>169,072</b>	<b>177,346</b>	

Franchise Coverage:

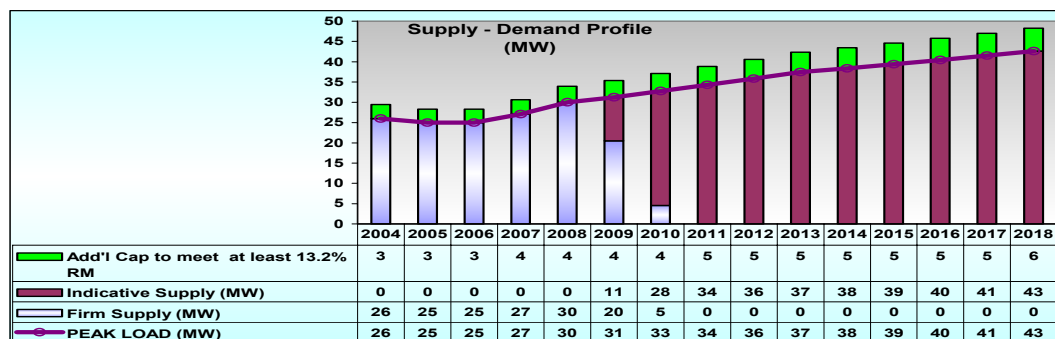
Whole Province of Capiz comprising of 1 City (Roxas City) and 16 Municipalities (Ivisan, Panitan, Sigma, Panay, Pontevedra, Dao, Mambusao, Jamindan, Sapi-an, Cuartero, Dumaraog, Dumalag, Tapaz, Maayon, Pres. Roxas, and Pilar)

## V-M-C Rural Electric Service Cooperative, Inc. (VRESCO)

General Information	
Location	Cr. Tortosa, Manapla, Negros Occidental
Contact Person	Engr. Eduardo B. Parrocho
Position	General Manager
Tel. No.	(034) 7170200
Fax No.	(034)7170511
E-mail Address	vresco_coopogm@yahoo.com
Coverage Area	
No. of barangays	195
Franchise Population	

**SUPPLY HIGHLIGHTS**

TSC with NPC until 2010. Power requirement beyond 2010 maybe sourced from KEPCO, NPC, COGEN from BIO-ETHANOL, FIRST FARMERS, and VMC.



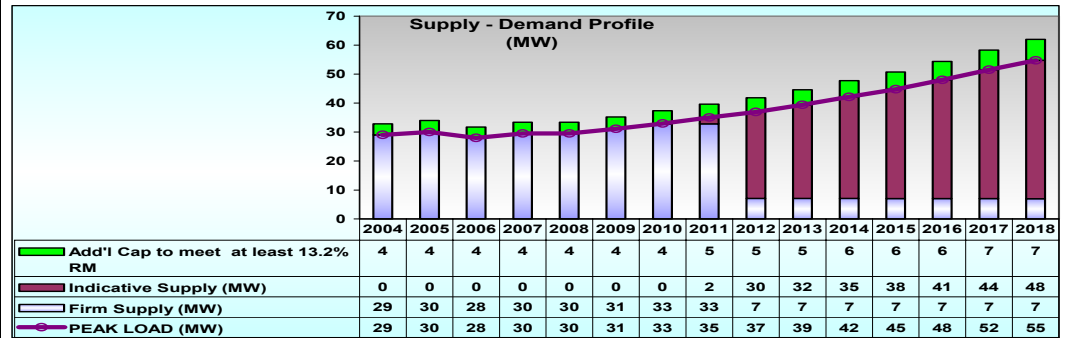
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	74,631	78,514	81,876	85,378	88,982	92,167	95,460	98,865	102,385	106,011	4%
Commercial	3,478	3,505	3,533	3,562	3,587	3,612	3,637	3,663	3,688	3,714	1%
Industrial	88	88	88	88	89	89	89	90	90	90	0.4%
Others	2,328	2,330	2,333	2,335	2,331	2,331	2,331	2,331	2,332	2,332	0.1%
<b>Total</b>	<b>80,525</b>	<b>84,438</b>	<b>87,831</b>	<b>91,363</b>	<b>94,989</b>	<b>98,199</b>	<b>101,518</b>	<b>104,949</b>	<b>108,494</b>	<b>112,147</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	68,830	75,549	82,210	89,113	96,440	100,011	103,755	107,673	111,768	116,045	6%
Commercial	21,521	21,884	22,262	22,647	23,019	23,397	23,780	24,170	24,567	24,970	2%
Industrial	26,972	27,120	27,350	27,603	27,970	27,973	27,982	28,097	28,104	28,114	1%
Others	11,446	11,636	11,821	12,022	12,117	12,220	12,325	12,423	12,531	12,639	1%
<b>Total</b>	<b>128,769</b>	<b>136,188</b>	<b>143,643</b>	<b>151,385</b>	<b>159,546</b>	<b>163,601</b>	<b>167,843</b>	<b>172,364</b>	<b>176,969</b>	<b>181,768</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	6	17	11	7	9	5					55
<i>Expansion(ckt-km)</i>	4	3	10	2	6	5					30
<i>Rehabilitation(ckt-km)</i>	2	14	1	6	3						25
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	43	27	30	22	24	6					152
<i>Expansion</i>	30	5	27	6	16	6					89
<i>Rehabilitation</i>	13	22	3	17	9						63
Substation Projects											
Electrification Projects	22	10	8	8	6	5	5	5	5	5	80
<b>Total</b>	<b>64</b>	<b>37</b>	<b>39</b>	<b>31</b>	<b>30</b>	<b>11</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>232</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	193	193	193	193	193	193	193	193	193	193	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	
<b>Household Level (%)</b>	<b>42%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>50%</b>	<b>51%</b>	
No. of Households Electrified (On-Grid)	74,506	78,231	81,360	84,615	87,999	91,079	94,267	97,567	100,981	104,516	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>74,506</b>	<b>78,231</b>	<b>81,360</b>	<b>84,615</b>	<b>87,999</b>	<b>91,079</b>	<b>94,267</b>	<b>97,567</b>	<b>100,981</b>	<b>104,516</b>	

Franchise Coverage:

Covers five (5) cities and four (4) municipalities namely: the cities of Victorias, Cadiz, Sagay, Escalante and San Carlos and the municipalities of E.B. Magalona, Toboso, Calatrava, and Manapla.

## Iloilo I Electric Cooperative, Inc. (ILECO I)

General Information	
Location	Brgy. Namucon, Tigbauan, Iloilo
Contact Person	Wilfred L. Billena
Position	General Manager
Tel. No:	(033) 5117-822 to 25
Fax No:	(033) 5117-822 to 25
E-mail Address	ileco1@mozcom.com
Coverage Area	
No. of barangays	794
Franchise Population	
SUPPLY HIGHLIGHTS	
Sources of ILECO I power supply: NPC- 3 year contract (2007-2009), PNOC NNGP - 5- year contract (2007-2011), and AVON RIVER - 20-Year contract (2003-2023).	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	96,771	102,743	108,319	114,148	120,239	126,089	132,232	138,682	145,454	152,565	5%
Commercial	1,645	1,746	1,819	1,894	1,970	2,025	2,081	2,139	2,198	2,260	4%
Industrial	183	185	186	190	194	196	200	204	208	212	2%
Others	1,521	1,574	1,599	1,623	1,647	1,655	1,656	1,660	1,660	1,660	1%
<b>Total</b>	<b>100,120</b>	<b>106,247</b>	<b>111,924</b>	<b>117,855</b>	<b>124,050</b>	<b>129,965</b>	<b>136,168</b>	<b>142,684</b>	<b>149,520</b>	<b>156,697</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	92,552	99,024	106,202	113,924	122,524	132,647	143,601	155,444	168,260	182,128	8%
Commercial	12,607	13,586	14,671	15,880	17,189	18,590	20,106	21,741	23,510	25,423	8%
Industrial	26,333	27,089	27,866	28,926	30,073	30,993	32,231	33,524	34,871	36,274	4%
Others	4,943	5,071	5,202	5,345	5,487	5,666	5,814	5,975	6,132	6,292	3%
<b>Total</b>	<b>136,436</b>	<b>144,770</b>	<b>153,940</b>	<b>164,075</b>	<b>175,273</b>	<b>187,896</b>	<b>201,752</b>	<b>216,683</b>	<b>232,772</b>	<b>250,117</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	30	38	16	13	13	10	24	7	11		162
<i>Expansion(ckt-km)</i>	10	30	1		5		15				61
<i>Rehabilitation(ckt-km)</i>	20	8	15	13	8	10	9	7	11		101
Substation Capacity (MVA)	5	5	5		10		10				35
Reactive Power Compensation Plan (MVA)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	48	68	46	44	47	39	59	37	40	32	459
<i>Expansion</i>	16	53	3		18		37				127
<i>Rehabilitation</i>	32	15	44	44	29	39	22	37	40	32	332
Substation Projects	15	18	18		24		24				99
Electrification Projects	29	23	23	26	26	23	31	23	27	29	260
<b>Total</b>	<b>92</b>	<b>108</b>	<b>88</b>	<b>70</b>	<b>97</b>	<b>62</b>	<b>114</b>	<b>60</b>	<b>66</b>	<b>61</b>	<b>818</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	790	790	790	790	790	790	790	790	790	790	
No. of Barangays Electrified (Off-Grid)	4	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	<b>794</b>	
<b>Household Level (%)</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>86%</b>	<b>88%</b>	<b>91%</b>	<b>93%</b>	
No. of Households Electrified (On-Grid)	96,261	101,074	106,128	111,434	117,006	122,856	128,999	135,449	142,221	149,332	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>96,261</b>	<b>101,074</b>	<b>106,128</b>	<b>111,434</b>	<b>117,006</b>	<b>122,856</b>	<b>128,999</b>	<b>135,449</b>	<b>142,221</b>	<b>149,332</b>	

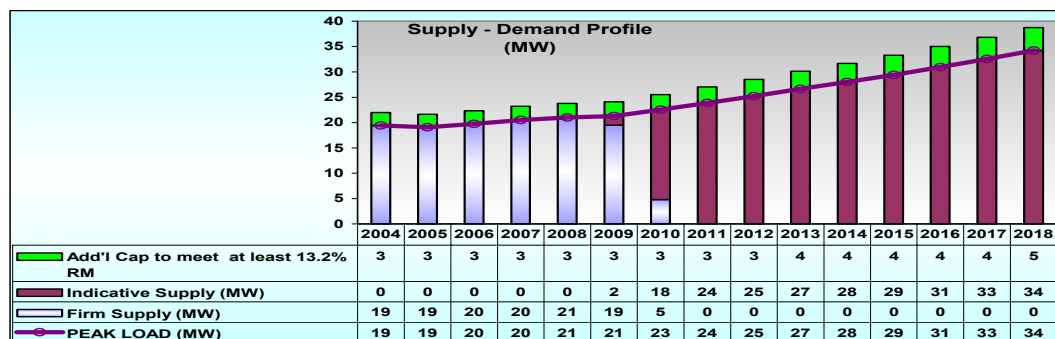
Franchise Coverage:

15 Municipalities: Alimodian, Cabatuan, Guimbal, Igaras, Leganes, Leon, Maasin, Miagao, Oton, Pavia, San Joaquin, San Miguel, Sta. Barbara, Tigbauan, and Tubungan.



## Iloilo II Electric Cooperative, Inc. (ILECO II)

General Information	
Location	Cauayan, Pototan, Iloilo
Contact Person	Maesit Q. Gallo
Position	Officer-In-Charge
Tel. No:	(033) 529-8063, (033) 529-8981
Fax No:	(033) 528-8064
E-mail Address	ileco2@skyinet.net
Coverage Area	
No. of barangays	587
Franchise Population	
SUPPLY HIGHLIGHTS	
ILECO II has a TSC with NPC until December 2010.	



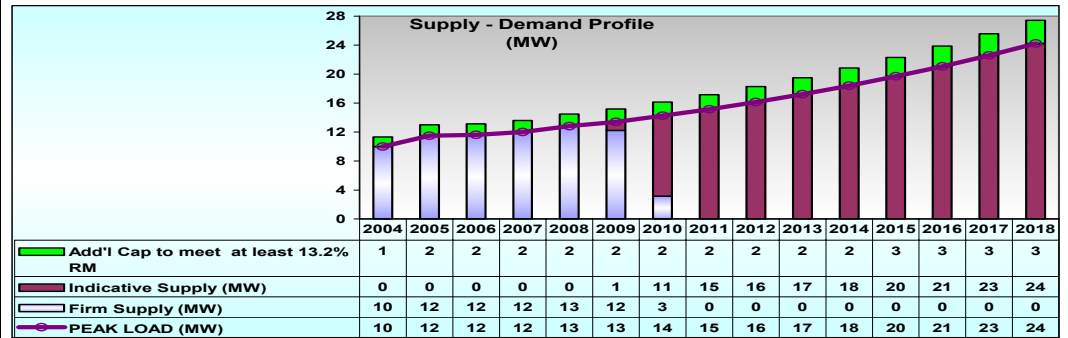
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	74,878	80,049	85,489	90,375	95,471	99,863	104,402	109,095	113,949	118,968	5%
Commercial	2,443	2,505	2,567	2,631	2,696	2,761	2,828	2,896	2,965	3,035	2%
Industrial	52	53	53	53	53	54	54	54	54	55	1%
Others	941	954	968	981	995	1,008	1,022	1,035	1,049	1,062	2%
<b>Total</b>	<b>78,314</b>	<b>83,560</b>	<b>89,076</b>	<b>94,040</b>	<b>99,214</b>	<b>103,686</b>	<b>108,305</b>	<b>113,081</b>	<b>118,016</b>	<b>123,120</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	65,803	71,186	77,016	82,574	88,521	94,011	99,830	106,002	112,551	119,452	7%
Commercial	9,761	10,040	10,348	10,667	10,994	11,330	11,677	12,033	12,401	12,779	3%
Industrial	5,615	5,725	5,783	5,898	5,958	6,077	6,138	6,261	6,324	6,451	2%
Others	8,359	8,463	8,563	8,663	8,764	8,866	8,968	9,071	9,175	9,281	1%
<b>Total</b>	<b>89,538</b>	<b>95,414</b>	<b>101,710</b>	<b>107,802</b>	<b>114,236</b>	<b>120,284</b>	<b>126,613</b>	<b>133,368</b>	<b>140,451</b>	<b>147,962</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	40	15		1	3						59
Expansion(ckt-km)	3			1	3						7
Rehabilitation(ckt-km)	37	15									52
Substation Capacity (MVA)	5			5							10
Reactive Power Compensation Plan (MVA)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	63	38	37	38	37	37	37	37	37	36	396
Expansion	5			38	37						80
Rehabilitation	58	38	37			37	37	37	37	36	316
Substation Projects	12		0	12							24
Electrification Projects	19	4	4	5	4	5	4	5	6	6	63
<b>Total</b>	<b>95</b>	<b>42</b>	<b>42</b>	<b>55</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>41</b>	<b>43</b>	<b>42</b>	<b>483</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	578	578	578	578	578	578	578	578	578	578	
No. of Barangays Electrified (Off-Grid)	9	9	9	9	9	9	9	9	9	9	
<b>Total</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	<b>587</b>	
<b>Household Level (%)</b>	<b>61%</b>	<b>64%</b>	<b>66%</b>	<b>68%</b>	<b>70%</b>	<b>71%</b>	<b>73%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	
No. of Households Electrified (On-Grid)	74,607	79,083	83,828	88,020	92,421	96,118	99,962	103,961	108,119	112,444	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>74,607</b>	<b>79,083</b>	<b>83,828</b>	<b>88,020</b>	<b>92,421</b>	<b>96,118</b>	<b>99,962</b>	<b>103,961</b>	<b>108,119</b>	<b>112,444</b>	

Franchise Coverage:

14 Municipalities and 1 City: Badiangan, Barotac Nuevo, Bingawan, Calinog, Dingle, Dueñas, Dumangas, Janiuy, Lambunao, Mina, New Lucena, Pototan, San Enrique, Zarraga, and Passi City.

## Antique Electric Cooperative, Inc. (ANTECO)

General Information	
Location	Funda San Jose, Antique
Contact Person	Ludovico D. Lim
Position	General Manager
Tel. No:	(036) 540-8436
Fax No:	(036) 540-9786
E-mail Address	ldvclim@yahoo.com
Coverage Area	
No. of barangays	537
Franchise Population	
SUPPLY HIGHLIGHTS	
Supply contract with NPC ends 2010.	



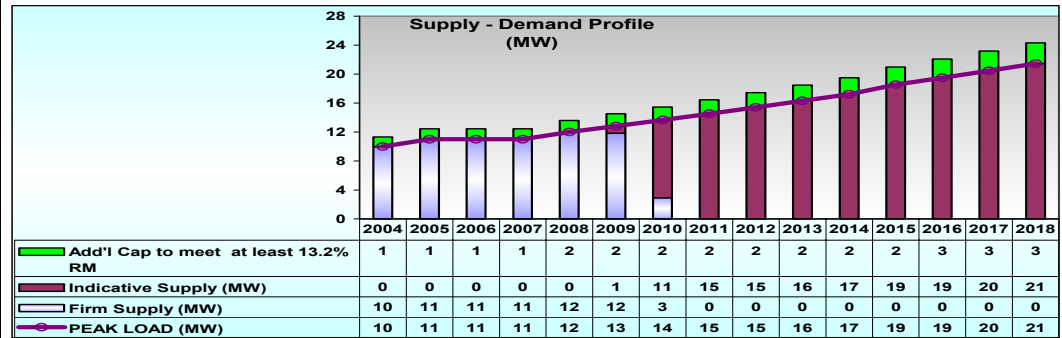
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	57,139	60,782	64,403	68,431	72,915	77,693	82,784	88,211	93,994	100,141	7%
Commercial	1,844	1,932	1,991	2,052	2,115	2,179	2,246	2,313	2,381	2,450	3%
Industrial	146	164	169	173	177	179	180	182	183	185	3%
Others	1,565	1,619	1,630	1,640	1,649	1,656	1,663	1,670	1,677	1,683	1%
<b>Total</b>	<b>60,694</b>	<b>64,496</b>	<b>68,192</b>	<b>72,297</b>	<b>76,856</b>	<b>81,707</b>	<b>86,873</b>	<b>92,376</b>	<b>98,235</b>	<b>104,459</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	37,332	39,633	42,109	44,867	47,942	51,249	54,806	58,632	62,748	67,173	7%
Commercial	10,514	11,297	12,135	13,038	14,007	15,058	16,190	17,424	18,753	20,186	7%
Industrial	2,594	3,013	3,499	4,062	4,709	5,460	6,330	7,339	8,510	9,869	16%
Others	7,117	7,451	7,797	8,168	8,548	8,945	9,358	9,793	10,249	10,726	5%
<b>Total</b>	<b>57,556</b>	<b>61,394</b>	<b>65,540</b>	<b>70,135</b>	<b>75,206</b>	<b>80,712</b>	<b>86,684</b>	<b>93,189</b>	<b>100,260</b>	<b>107,953</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	22	2									24
<i>Expansion(ckt-km)</i>	19	2									21
<i>Rehabilitation(ckt-km)</i>	3										3
Substation Capacity (MVA)		5		5							10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	37	18	14	14	13	13	13	13	13	13	161
<i>Expansion</i>	33	18									51
<i>Rehabilitation</i>	4		14	14	13	13	13	13	13	13	110
Substation Projects		18		18							36
Electrification Projects	25	28	23	17	23	22	22	21	31	23	235
<b>Total</b>	<b>62</b>	<b>65</b>	<b>37</b>	<b>49</b>	<b>36</b>	<b>35</b>	<b>35</b>	<b>34</b>	<b>44</b>	<b>36</b>	<b>432</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	463	463	463	463	463	463	463	463	463	463	
No. of Barangays Electrified (Off-Grid)	74	74	74	74	74	74	74	74	74	74	
<b>Total</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	<b>537</b>	
<b>Household Level (%)</b>	<b>51%</b>	<b>53%</b>	<b>55%</b>	<b>57%</b>	<b>59%</b>	<b>62%</b>	<b>64%</b>	<b>67%</b>	<b>70%</b>	<b>73%</b>	
No. of Households Electrified (On-Grid)	56,600	59,996	63,596	67,602	72,064	76,820	81,890	87,295	93,056	99,198	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>56,600</b>	<b>59,996</b>	<b>63,596</b>	<b>67,602</b>	<b>72,064</b>	<b>76,820</b>	<b>81,890</b>	<b>87,295</b>	<b>93,056</b>	<b>99,198</b>	

Franchise Coverage:

Covers the municipalities of Anini-y, Barbaza, Belison, Bugasong, Caluya, Culasi, Hamtic, Laua-an, Patnongon, San Jose, San Remigio, Sebaste, Sibalom, Tibiao, Tobias Fornier, and Valderrama.

## Iloilo III Electric Cooperative, Inc. (ILECO III)

General Information	
Location	Brgy. Preciosa, Sara, Iloilo
Contact Person	Ana Maria P. Bagsit
Position	OIC-General Manager
Tel. No.	392-0211
Fax No.	(033) 392-0202
E-mail Address	ileco_3@yahoo.com.ph
Coverage Area	
No. of barangays	340
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition supply contract is current up to 2010. Proposed power supply from IPP will start 2011 but no definite energy contracted yet.	



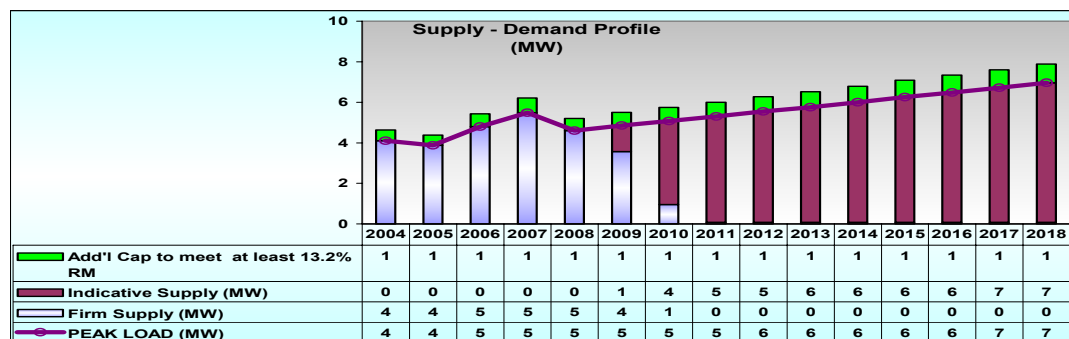
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	40,614	43,455	46,311	49,159	52,027	54,802	57,565	60,297	63,042	65,788	6%
Commercial	1,186	1,198	1,210	1,222	1,234	1,246	1,259	1,271	1,284	1,297	1%
Industrial	27	27	28	28	28	28	28	28	28	28	1%
Others	629	621	621	621	621	621	621	622	622	621	0.4%
<b>Total</b>	<b>42,456</b>	<b>45,301</b>	<b>48,169</b>	<b>51,030</b>	<b>53,910</b>	<b>56,698</b>	<b>59,473</b>	<b>62,219</b>	<b>64,976</b>	<b>67,734</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	32,196	34,734	37,332	39,973	42,680	45,432	48,224	51,041	53,921	56,854	7%
Commercial	4,328	4,516	4,707	4,906	5,104	5,305	5,508	5,713	5,926	6,141	4%
Industrial	9,104	9,607	10,137	10,697	11,289	11,912	12,558	13,239	13,957	14,714	5%
Others	3,332	3,478	3,667	3,856	4,045	4,232	4,417	4,608	4,795	4,981	5%
<b>Total</b>	<b>48,959</b>	<b>52,334</b>	<b>55,843</b>	<b>59,433</b>	<b>63,117</b>	<b>66,881</b>	<b>70,707</b>	<b>74,602</b>	<b>78,598</b>	<b>82,689</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	2	4									6
Expansion(ckt-km)											
Rehabilitation(ckt-km)	2	4									6
Substation Capacity (MVA)	10		5			10		5			30
Reactive Power Compensation Plan (MVA)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	40	16	14	14	14	12	12	12	12	12	159
Expansion											
Rehabilitation	40	16	14	14	14	12	12	12	12	12	159
Substation Projects	38		18			29		18			103
Electrification Projects	30	25	18	10	10	9	9	9	9	9	138
<b>Total</b>	<b>108</b>	<b>41</b>	<b>50</b>	<b>24</b>	<b>24</b>	<b>50</b>	<b>21</b>	<b>39</b>	<b>21</b>	<b>21</b>	<b>400</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	303	303	303	303	303	303	303	303	303	303	
No. of Barangays Electrified (Off-Grid)	37	37	37	37	37	37	37	37	37	37	
<b>Total</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	<b>340</b>	
<b>Household Level (%)</b>	<b>43%</b>	<b>45%</b>	<b>46%</b>	<b>48%</b>	<b>50%</b>	<b>52%</b>	<b>53%</b>	<b>55%</b>	<b>56%</b>	<b>57%</b>	
No. of Households Electrified (On-Grid)	40,364	43,109	45,868	48,620	51,391	54,166	56,929	59,661	62,406	65,152	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>40,364</b>	<b>43,109</b>	<b>45,868</b>	<b>48,620</b>	<b>51,391</b>	<b>54,166</b>	<b>56,929</b>	<b>59,661</b>	<b>62,406</b>	<b>65,152</b>	

Franchise Coverage:

Sara, San Dionisio, Concepcion, Ajuy, Barotac Viejo, Banate, Anilao, Batad, Balasan, Estancia, Carles, Lemery, and San Rafael.

## Guimaras Electric Cooperative, Inc. (GUIMELCO)

General Information	
Location	San Miguel, Jordan, Guimaras
Contact Person	Mrs. Remedios A. Garcia
Position	General Manager
Tel. No:	(033) 237-1139 / (033) 581-3157
Fax No:	(033) 237- 1139
E-mail Address	guimelco_79@yahoo.com
Coverage Area	604 sq.km.
No. of barangays	98
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>GUIMELCO is supplied with power by NPC through its 5 MVA Substation at Ingore, Iloilo and at the same time by an IPP ( Trans Asia Oil ) that is embedded in the system. TSC Contract will expire on 2012. While our contract with Trans Asia Oil will end on 2015.</p>	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	17,003	18,024	19,105	20,251	21,264	22,327	23,444	24,381	25,357	26,371	5%
Commercial	664	681	698	715	730	744	759	774	790	806	2%
Industrial	23	23	24	24	24	24	25	25	25	25	1%
Others	495	495	495	495	495	495	495	495	495	495	0.1%
<b>Total</b>	<b>18,186</b>	<b>19,223</b>	<b>20,322</b>	<b>21,486</b>	<b>22,513</b>	<b>23,591</b>	<b>24,722</b>	<b>25,676</b>	<b>26,667</b>	<b>27,697</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	10,834	11,523	12,257	13,038	13,743	14,530	15,362	16,092	16,856	17,658	6%
Commercial	1,693	1,753	1,814	1,877	1,934	2,012	2,092	2,177	2,264	2,355	4%
Industrial	926	936	946	956	967	977	988	998	1,009	1,020	1%
Others	1,947	1,967	1,986	2,006	2,026	2,056	2,087	2,117	2,149	2,191	1%
<b>Total</b>	<b>15,400</b>	<b>16,178</b>	<b>17,003</b>	<b>17,878</b>	<b>18,670</b>	<b>19,575</b>	<b>20,529</b>	<b>21,384</b>	<b>22,278</b>	<b>23,224</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities											
Expansion(ckt-km)											
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(In Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	7	3	3	3	3	3	3	3	3	3	36
Expansion											
Rehabilitation	7	3	3	3	3	3	3	3	3	3	36
Substation Projects											
Electrification Projects	7	4	4	4	4	4	4	3	3	3	40
<b>Total</b>	<b>14</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>76</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	95	95	95	95	95	95	95	95	95	95	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	<b>98</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>66%</b>	<b>68%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	
No. of Households Electrified (On-Grid)	17,003	18,024	19,105	20,251	21,264	22,327	23,444	24,381	25,357	26,371	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>17,003</b>	<b>18,024</b>	<b>19,105</b>	<b>20,251</b>	<b>21,264</b>	<b>22,327</b>	<b>23,444</b>	<b>24,381</b>	<b>25,357</b>	<b>26,371</b>	

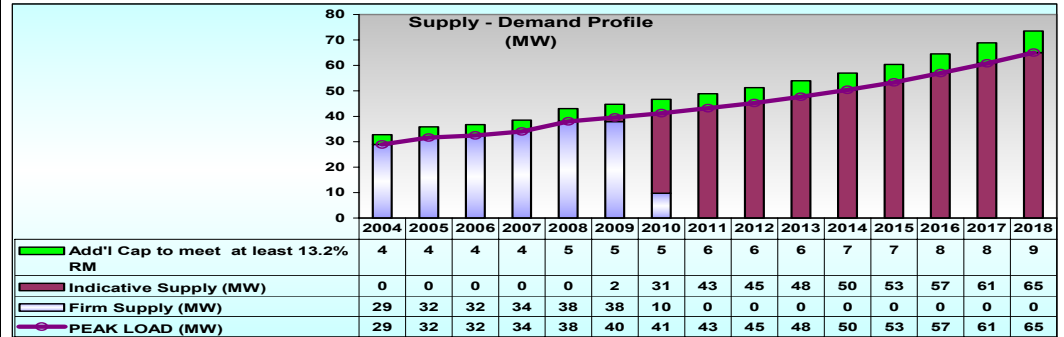
Franchise Coverage:

Covers 5 Municipalities namely; Jordan, Buenavista, Nueva Valencia, Sibunag, and San Lorenzo.

# REGION 7 ELECTRIC COOPERATIVES

## Negros Oriental 2 Electric Cooperative, Inc. (NORECO II)

General Information	
Location	Real Street, Dumaguete City
Contact Person	Ephraim T. Taclob
Position	General Manager
Tel. No:	(035) 225-7239
Fax No:	(035) 225-7239
E-mail Address	
Coverage Area	
No. of barangays	272
Franchise Population	
SUPPLY HIGHLIGHTS	
There is a significant growth in commercial add-on as seen with the on-going construction boom in the City of Dumaguete but due to tight power supply situation in the region, a declining energy sales is eminent.	



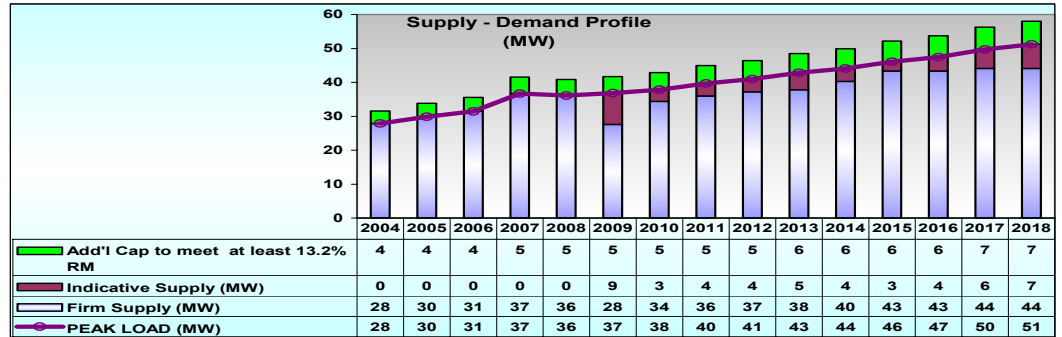
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	80,799	83,363	86,382	89,523	92,372	94,796	97,243	100,128	103,020	105,998	3%
Commercial	7,893	8,147	8,388	8,596	8,809	9,028	9,253	9,528	9,812	10,105	3%
Industrial	113	113	114	116	115	116	117	118	119	120	1%
Others	4,081	4,087	4,092	4,100	4,105	4,111	4,118	4,176	4,188	4,200	1%
<b>Total</b>	<b>92,886</b>	<b>95,710</b>	<b>98,976</b>	<b>102,335</b>	<b>105,402</b>	<b>108,051</b>	<b>110,730</b>	<b>113,950</b>	<b>117,138</b>	<b>120,423</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	88,350	92,198	96,490	101,119	106,061	111,469	117,716	124,843	132,412	140,456	5%
Commercial	71,035	75,209	80,146	85,519	91,314	97,891	105,010	113,549	122,866	133,033	7%
Industrial	4,201	4,243	4,291	4,340	4,390	4,443	4,496	4,584	4,675	4,768	1%
Others	19,777	20,590	21,474	22,405	23,375	24,395	25,463	27,235	28,723	30,311	5%
<b>Total</b>	<b>183,362</b>	<b>192,241</b>	<b>202,401</b>	<b>213,383</b>	<b>225,139</b>	<b>238,197</b>	<b>252,686</b>	<b>270,212</b>	<b>288,677</b>	<b>308,567</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	86	76	79	35	48	15	11	49	17	12	428
<i>Expansion(ckt-km)</i>	70	61	63	33	44	10	6	41	10	4	342
<i>Rehabilitation(ckt-km)</i>	16	15	16	2	4	5	5	9	7	7	86
Substation Capacity (MVA)	20			25							45
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	49	70	86	23	27	11	8	12	13	11	309
<i>Expansion</i>	39	56	69	22	25	7	4	10	8	4	244
<i>Rehabilitation</i>	9	13	17	1	2	4	4	2	5	7	65
Substation Projects	86			18							104
Electrification Projects	92	27	34	28	26	32	28	32	38	34	371
<b>Total</b>	<b>226</b>	<b>97</b>	<b>120</b>	<b>69</b>	<b>53</b>	<b>42</b>	<b>36</b>	<b>44</b>	<b>51</b>	<b>45</b>	<b>785</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	270	272	272	272	272	272	272	272	272	272	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>270</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	<b>272</b>	
<b>Household Level (%)</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>51%</b>	<b>51%</b>	<b>51%</b>	<b>51%</b>	<b>51%</b>	<b>51%</b>	<b>51%</b>	
No. of Households Electrified (On-Grid)	80,687	82,704	84,772	86,891	89,063	91,290	93,572	96,379	99,271	102,249	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>80,687</b>	<b>82,704</b>	<b>84,772</b>	<b>86,891</b>	<b>89,063</b>	<b>91,290</b>	<b>93,572</b>	<b>96,379</b>	<b>99,271</b>	<b>102,249</b>	

Franchise Coverage:

11 Municipalities and 3 Cities: Pamplona, Tanjay, Amlan, San Jose, Sibulan, Dumaguete City, Valencia, Bacong, Dauin, Zamboanguita, Siaton, Sta. Catalina, Bayawan, and Basay.

## Cebu II Electric Cooperative, Inc. (CEBECO II)

General Information	
Location	Malingin, Bogo City, Cebu
Contact Person	Peter B. Seneres
Position	General Manager
Tel. No:	(032) 434-8555
Fax No:	(032) 251-2154
E-mail Address	cebeco2@yahoo.com
Coverage Area	
No. of barangays	323
Franchise Population	
SUPPLY HIGHLIGHTS	
The Transition Supply Contract with NPC expires on December 25, 2010. To address the requirements after 2010, CEBECO II signed a 10-year Power Supply Contract with Kepco-Salcon Power Corporation which is still subject to approval of ERC. Negotiations are under way for a firm contract with another IPP.	



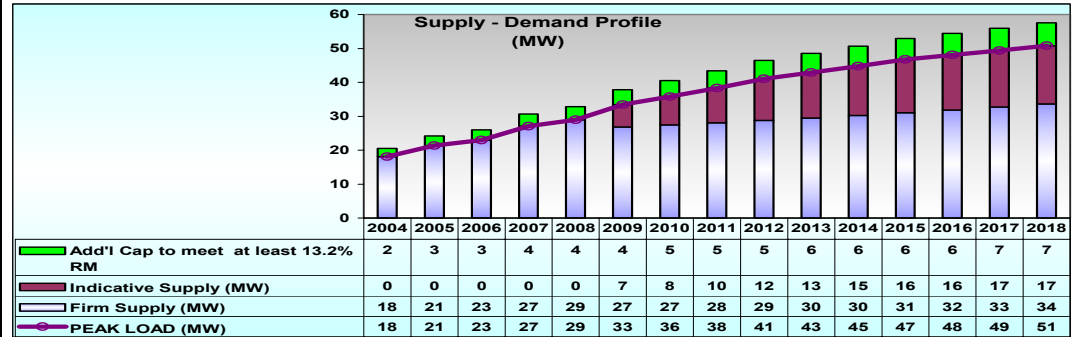
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	87,693	90,541	93,339	96,213	99,129	102,056	105,058	108,139	111,301	114,438	3%
Commercial	7,347	7,567	7,794	8,013	8,093	8,174	8,255	8,338	8,421	8,506	2%
Industrial	45	46	47	48	49	50	51	52	53	54	2%
Others	4,622	4,614	4,615	4,619	4,607	4,608	4,609	4,599	4,599	4,600	0.1%
<b>Total</b>	<b>99,707</b>	<b>102,769</b>	<b>105,796</b>	<b>108,892</b>	<b>111,878</b>	<b>114,888</b>	<b>117,974</b>	<b>121,128</b>	<b>124,374</b>	<b>127,598</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	62,957	64,561	66,153	67,798	69,499	71,081	72,712	74,396	76,134	77,923	3%
Commercial	37,263	40,453	43,921	47,617	50,887	54,382	58,118	62,112	66,381	70,945	8%
Industrial	12,977	13,712	14,491	15,315	16,031	16,781	17,397	18,036	18,517	19,012	4%
Others	75,219	75,734	76,277	76,813	77,318	77,861	78,423	78,962	79,538	80,123	3%
<b>Total</b>	<b>188,416</b>	<b>194,460</b>	<b>200,842</b>	<b>207,543</b>	<b>213,735</b>	<b>220,105</b>	<b>226,651</b>	<b>233,506</b>	<b>240,570</b>	<b>248,002</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	23	31	32	37	11	10	9	7	1	5	164
Expansion(ckt-km)	17	13	15	24	5	10	9	7	1	5	105
Rehabilitation(ckt-km)	6	18	17	13	6						59
Substation Capacity (MVA)	10	10	5	10	10	10	5	5	5	5	75
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	45	67	73	97	37	52	51	47	35	47	551
Expansion	34	28	34	63	16	52	51	47	35	47	409
Rehabilitation	11	39	38	34	20						143
Substation Projects	26	31	25	26	30	26	20	25	20	20	250
Electrification Projects	17	36	21	18	20	23	24	22	20	25	226
<b>Total</b>	<b>88</b>	<b>134</b>	<b>120</b>	<b>141</b>	<b>87</b>	<b>101</b>	<b>95</b>	<b>95</b>	<b>75</b>	<b>91</b>	<b>1,028</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	316	316	316	316	316	316	316	316	316	316	
No. of Barangays Electrified (Off-Grid)	7	7	7	7	7	7	7	7	7	7	
<b>Total</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	<b>323</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>62%</b>	<b>63%</b>	<b>64%</b>	<b>66%</b>	<b>67%</b>	<b>68%</b>	<b>70%</b>	
No. of Households Electrified (On-Grid)	86,839	89,444	91,948	94,523	97,169	99,890	102,687	105,562	108,518	111,557	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>86,839</b>	<b>89,444</b>	<b>91,948</b>	<b>94,523</b>	<b>97,169</b>	<b>99,890</b>	<b>102,687</b>	<b>105,562</b>	<b>108,518</b>	<b>111,557</b>	

Franchise Coverage:

1 City (Danao) and 12 Municipalities (Compostela, Carmen, Catmon, Sogod, Borbon, Tabogon, Bogo, Sanremegio, Daan Bantayan, Medellin, Tabuelan, and Tuburan)

## Cebu III Electric Cooperative, Inc. (CEBECO III)

General Information	
Location	Luray II, Toledo City
Contact Person	Jevy Q. Buensalida
Position	General Manager
Tel. No:	(032) 467-8298/467-8557
Fax No:	(032) 467-9682
E-mail Address	jevy@cebeco3.com.ph
Coverage Area	
No. of barangays	134
Franchise Population	
SUPPLY HIGHLIGHTS	
CEBECO III has a total of 20MVA substation capacity and plans to construct four (4) more substations in 10 years' time. CEBECO III will renegotiate its contract with its IPP, to increase the contracted demand from 15MW to 20MW. Upon the completion of the new power plant, CEBECO III will negotiate for a new power supply contract to augment projected demand.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	51,175	54,389	57,181	59,779	62,477	65,020	67,627	70,318	73,104	75,993	5%
Commercial	4,098	4,138	4,180	4,222	4,269	4,307	4,349	4,392	4,436	4,479	1%
Industrial	17	17	17	17	17	17	17	17	17	17	0%
Others	2,231	2,233	2,235	2,231	2,225	2,194	2,194	2,194	2,195	2,195	0.1%
<b>Total</b>	<b>57,521</b>	<b>60,777</b>	<b>63,613</b>	<b>66,248</b>	<b>68,988</b>	<b>71,538</b>	<b>74,187</b>	<b>76,921</b>	<b>79,751</b>	<b>82,684</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	36,719	38,900	40,992	43,095	45,395	47,780	50,268	52,867	55,590	58,445	5%
Commercial	12,837	13,339	13,869	14,427	15,008	15,612	16,242	16,896	17,577	18,286	4%
Industrial	3,997	4,037	4,077	4,118	4,159	4,200	4,242	4,285	4,328	4,371	1%
Others	101,943	110,494	119,879	130,141	135,797	141,649	147,913	150,625	153,389	156,207	7%
<b>Total</b>	<b>155,496</b>	<b>166,769</b>	<b>178,816</b>	<b>191,781</b>	<b>200,359</b>	<b>209,243</b>	<b>218,665</b>	<b>224,673</b>	<b>230,885</b>	<b>237,309</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	24	26	6	21	5	17	11	20	11	26	168
Expansion(ckt-km)	3	17	3	17	3	10	7	14	7	5	85
Rehabilitation(ckt-km)	21	9	3	4	2	8	4	7	4	21	83
Substation Capacity (MVA)		10		10		5		5		10	40
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	39	47	22	44	20	28	25	35	25	32	316
Expansion	4	31	12	35	14	16	15	24	15	6	171
Rehabilitation	34	16	10	9	7	12	10	11	10	26	145
Substation Projects		32		32		24		24		32	144
Electrification Projects	20	17	12	12	16	13	14	13	14	16	147
<b>Total</b>	<b>59</b>	<b>96</b>	<b>34</b>	<b>88</b>	<b>36</b>	<b>65</b>	<b>39</b>	<b>72</b>	<b>38</b>	<b>80</b>	<b>607</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	114	114	114	114	114	114	114	114	114	114	
No. of Barangays Electrified (Off-Grid)	20	20	20	20	20	20	20	20	20	20	
<b>Total</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	
<b>Household Level (%)</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>56%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	<b>57%</b>	
No. of Households Electrified (On-Grid)	50,986	54,046	56,694	59,132	61,674	64,141	66,707	69,375	72,150	75,036	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>50,986</b>	<b>54,046</b>	<b>56,694</b>	<b>59,132</b>	<b>61,674</b>	<b>64,141</b>	<b>66,707</b>	<b>69,375</b>	<b>72,150</b>	<b>75,036</b>	

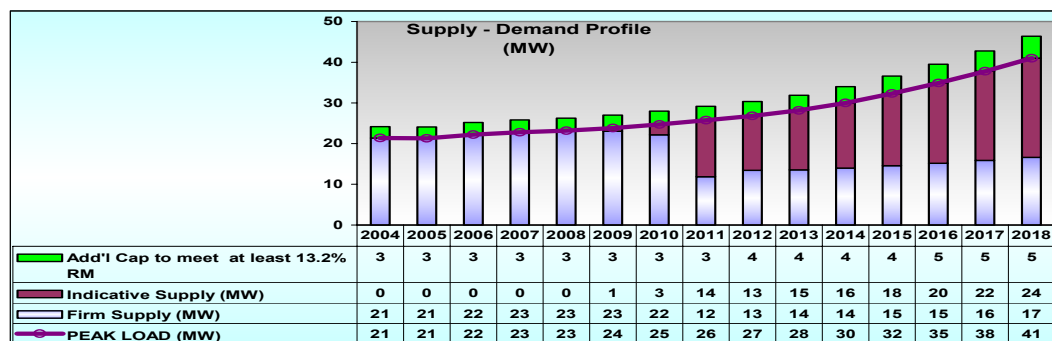
Franchise Coverage:

1 City and 3 Towns namely: Toledo City, Asturias, Pinamungajan, and Aloguinsan.



## CEBU I ELECTRIC COOPERATIVE, INC. (CEBECO I)

General Information	
Location	Biton-on, Dumanjug, Cebu
Contact Person	Marlou M. Rendon
Position	General Manager
Tel. No:	(032) 4719002
Fax No:	(032) 4719313
E-mail Address	cebeco1@yahoo.com / mmr052156@yahoo.com
Coverage Area	
No. of barangays	366
Franchise Population	



**SUPPLY HIGHLIGHTS**  
CEBECO I sources its power requirement from NPC and from its Mini Hydro Power Plants. The CEBECO I has a TSC until December 2010. It has signed a bilateral contract with Kepco-Salcon Power Corporation (KSPC) by the Year 2011 for ten years equivalent to 7MW base load and the excess for NPC or its successors to supply. A scenario is taken into account that its large load customers will seek other power suppliers as Open Access is implemented.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	66,916	70,961	74,697	78,666	82,350	85,708	89,195	92,817	96,577	100,388	5%
Commercial	9,210	9,693	10,195	10,722	11,266	11,827	12,416	13,033	13,680	14,359	5%
Industrial	9	9	10	10	10	10	11	11	11	11	2%
Others	6,818	6,844	6,825	6,856	6,864	6,870	6,874	6,877	6,880	6,884	0.4%
<b>Total</b>	<b>82,952</b>	<b>87,508</b>	<b>91,727</b>	<b>96,254</b>	<b>100,491</b>	<b>104,416</b>	<b>108,496</b>	<b>112,738</b>	<b>117,148</b>	<b>121,642</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	53,021	55,680	58,357	61,200	64,042	66,857	69,821	72,944	76,234	79,696	5%
Commercial	27,070	28,549	29,981	31,503	32,953	33,884	34,859	35,881	36,952	38,077	4%
Industrial	2,803	2,879	2,912	2,945	2,979	3,014	3,049	3,084	3,120	3,156	2%
Others	18,861	19,299	19,738	20,207	20,697	21,212	21,746	22,302	22,886	23,497	2%
<b>Total</b>	<b>101,755</b>	<b>106,407</b>	<b>110,988</b>	<b>115,855</b>	<b>120,672</b>	<b>124,967</b>	<b>129,475</b>	<b>134,211</b>	<b>139,192</b>	<b>144,426</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	21	39	7	4		1	5	3	5		86
Expansion(ckt-km)	8	32	7	4		1	5	3	5		65
Rehabilitation(ckt-km)	13	8									21
Substation Capacity (MVA)	10	5		10							25
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	43	20	3	4	1	1	2	2	4		79
Expansion	16	16	3	4	1	1	2	2	4		48
Rehabilitation	27	4									31
Substation Projects	24	18		24							66
Electrification Projects	25	18	16	17	17	16	17	17	19	18	181
<b>Total</b>	<b>93</b>	<b>56</b>	<b>19</b>	<b>44</b>	<b>18</b>	<b>17</b>	<b>20</b>	<b>19</b>	<b>23</b>	<b>18</b>	<b>326</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	364	364	364	364	364	364	364	364	364	364	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	<b>366</b>	
<b>Household Level (%)</b>	<b>50%</b>	<b>52%</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>61%</b>	<b>62%</b>	
No. of Households Electrified (On-Grid)	66,317	69,964	73,462	77,136	80,607	83,831	87,184	90,671	94,298	98,070	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>66,317</b>	<b>69,964</b>	<b>73,462</b>	<b>77,136</b>	<b>80,607</b>	<b>83,831</b>	<b>87,184</b>	<b>90,671</b>	<b>94,298</b>	<b>98,070</b>	

Franchise Coverage:

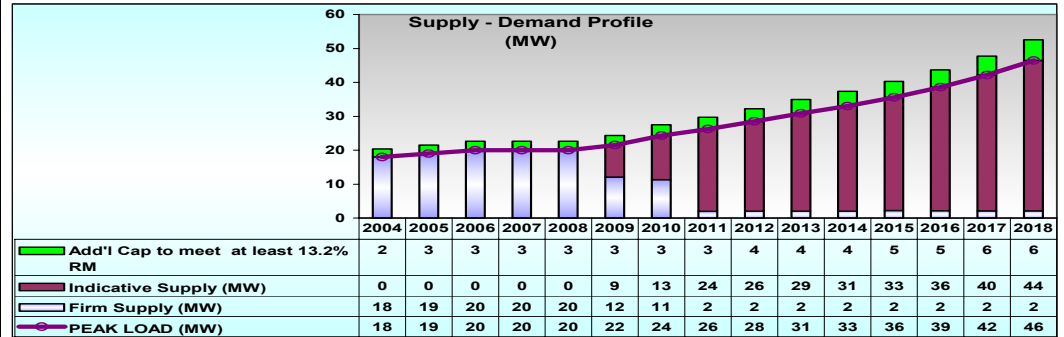
18 Municipalities: Carcar City, Sibonga, Argao, Dalaguete, Alcoy, Boljoon, Oslob, Santander, Samboan, Ginatilan, Malabuyoc, Alegria, Badian, Moalboal, Alcantara, Ronda, Dumanjug, and Barili.

## Bohol I Electric Cooperative, Inc. (BOHECO I)

General Information	
Location	Maca-as, Tubigon, Bohol
Contact Person	Carlos b. Itable
Position	General Manager
Tel. No:	(038) 508-0084/0085
Fax No:	(038) 508-8095
E-mail Address	ttsagarino@yahoo.com
Coverage Area	2,444.3 sq.km.
No. of barangays	603
Franchise Population	

### SUPPLY HIGHLIGHTS

The requirements for substation capacity in order to address the increasing load was designed and evaluated to commission a 5 MVA substation in Maribojoc for 2008, and another 10 MVA in Panglao by 2009. Panglao Island is a famous tourist destination and there is a proposed international airport for construction. The firm supply from years 2011-2017 decreased as indicated in the graph because there is no more contract between Boheco 1 & Sta. Clara IPP due to small power capacity.



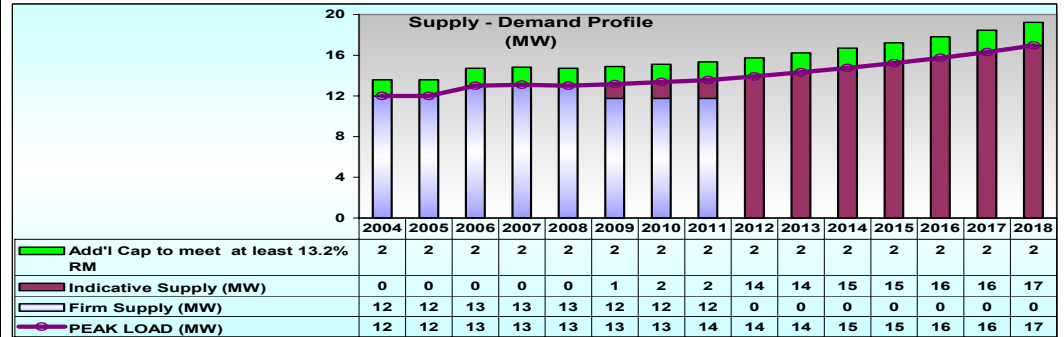
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	97,012	100,359	103,822	107,511	111,331	115,287	119,384	123,627	128,020	132,569	4%
Commercial	5,486	5,556	5,631	5,708	5,789	5,875	5,970	6,078	6,191	6,309	2%
Industrial	29	30	31	33	34	35	37	38	40	42	4%
Others	11,315	11,343	11,378	11,408	11,443	11,476	11,508	11,542	11,576	11,611	1%
<b>Total</b>	<b>113,842</b>	<b>117,288</b>	<b>120,862</b>	<b>124,660</b>	<b>128,597</b>	<b>132,674</b>	<b>136,899</b>	<b>141,285</b>	<b>145,827</b>	<b>150,531</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	48,450	51,347	53,841	56,325	58,749	61,393	64,275	67,411	70,819	74,520	5%
Commercial	29,936	34,373	39,780	46,276	53,560	62,326	72,916	85,761	101,350	120,316	16%
Industrial	12,208	12,929	13,747	14,684	15,620	16,702	17,899	19,222	20,752	22,535	7%
Others	5,911	10,409	10,627	10,774	10,900	11,031	11,173	11,331	11,654	11,996	10%
<b>Total</b>	<b>96,505</b>	<b>109,058</b>	<b>117,994</b>	<b>128,058</b>	<b>138,828</b>	<b>151,453</b>	<b>166,263</b>	<b>183,724</b>	<b>204,575</b>	<b>229,367</b>	<b>10%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	22	24	2	4							52
Expansion(ckt-km)	20	20									40
Rehabilitation(ckt-km)	2	4	2	4							12
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	99	37	40	39	37	38	37	38	37	33	436
Expansion	88	31									120
Rehabilitation	10	6	40	39	37	38	37	38	37	33	316
Substation Projects	24										24
Electrification Projects	42	12	16	12	17	13	16	15	15	16	174
<b>Total</b>	<b>165</b>	<b>49</b>	<b>56</b>	<b>52</b>	<b>54</b>	<b>51</b>	<b>53</b>	<b>53</b>	<b>52</b>	<b>48</b>	<b>634</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	588	588	588	588	588	588	588	588	588	588	
No. of Barangays Electrified (Off-Grid)	15	15	15	15	15	15	15	15	15	15	
<b>Total</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	<b>603</b>	
<b>Household Level (%)</b>	<b>82%</b>	<b>82%</b>	<b>83%</b>	<b>84%</b>	<b>85%</b>	<b>86%</b>	<b>87%</b>	<b>88%</b>	<b>89%</b>	<b>90%</b>	
No. of Households Electrified (On-Grid)	97,012	100,359	103,822	107,511	111,331	115,287	119,384	123,627	128,020	132,569	
No. of Households Electrified (Off-Grid)	2058	2100	2150	2200	2240	2280	2300	2310	2320	2321	
<b>Total</b>	<b>99,070</b>	<b>102,459</b>	<b>105,972</b>	<b>109,711</b>	<b>113,571</b>	<b>117,567</b>	<b>121,684</b>	<b>125,937</b>	<b>130,340</b>	<b>134,890</b>	

### Franchise Coverage:

Tubigon, Calape, Lo-on, Antequera, Maribojoc, Clarin, Inabanga, Sagbayan, Carmen, Batuan, Bilar, San Isidro, Catigbian, Balilihan, Daus, Panglao, Baclayon, Albuquerque, Loay, Lila, Dimiao, Loboc, Sevilla, Corella, Sikatuna, and Cortes.

## Bohol II Electric Cooperative, Inc. (BOHECO II)

General Information	
Location	Cantagay, Jagna, Bohol
Contact Person	Eugenio R. Tan Sr.
Position	Resident Manager
Tel. No:	(038) 531-0023
Fax No:	(038) 531-0053
E-mail Address	bohecojagna@yahoo.com
Coverage Area	
No. of barangays	
Franchise Population	
SUPPLY HIGHLIGHTS	
BOHECO II has a Transition Supply Contract (TSC) with TRANSCO for a period of 10 years (October 2005 to September 2016).	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	69,736	71,899	74,125	77,148	80,580	84,167	87,915	92,268	96,838	101,636	4%
Commercial	3,847	3,886	3,924	3,964	4,003	4,043	4,084	4,125	4,166	4,208	1%
Industrial	212	219	225	232	239	246	253	261	269	277	3%
Others	4,614	4,615	4,616	4,617	4,618	4,619	4,620	4,621	4,623	4,624	0.2%
<b>Total</b>	<b>78,409</b>	<b>80,618</b>	<b>82,890</b>	<b>85,960</b>	<b>89,440</b>	<b>93,076</b>	<b>96,873</b>	<b>101,275</b>	<b>105,895</b>	<b>110,744</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	32,218	33,043	33,899	35,234	36,768	38,406	40,144	42,128	44,238	46,740	4%
Commercial	8,699	8,830	8,963	9,121	9,283	9,447	9,614	9,784	9,963	10,155	2%
Industrial	5,157	5,287	5,423	5,604	5,792	5,987	6,190	6,400	6,628	6,884	3%
Others	5,238	5,288	5,338	5,396	5,452	5,507	5,562	5,617	5,673	5,731	1%
<b>Total</b>	<b>51,311</b>	<b>52,448</b>	<b>53,623</b>	<b>55,355</b>	<b>57,294</b>	<b>59,347</b>	<b>61,510</b>	<b>63,930</b>	<b>66,502</b>	<b>69,510</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	9										9
Expansion(ckt-km)	9										9
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	38	26	14								78
Expansion	38										38
Rehabilitation		26	14								40
Substation Projects	26										26
Electrification Projects	6	5	9	4	4	4	5	5	5	6	53
<b>Total</b>	<b>70</b>	<b>30</b>	<b>23</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>158</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	461	461	461	461	461	461	461	461	461	461	
No. of Barangays Electrified (Off-Grid)	30	30	30	30	30	30	30	30	30	30	
<b>Total</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	<b>491</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>75%</b>	<b>78%</b>	<b>82%</b>	<b>85%</b>	<b>89%</b>	<b>93%</b>	
No. of Households Electrified (On-Grid)	69,134	71,208	73,344	76,278	79,710	83,297	87,045	91,398	95,968	100,766	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>69,134</b>	<b>71,208</b>	<b>73,344</b>	<b>76,278</b>	<b>79,710</b>	<b>83,297</b>	<b>87,045</b>	<b>91,398</b>	<b>95,968</b>	<b>100,766</b>	

**Franchise Coverage:**

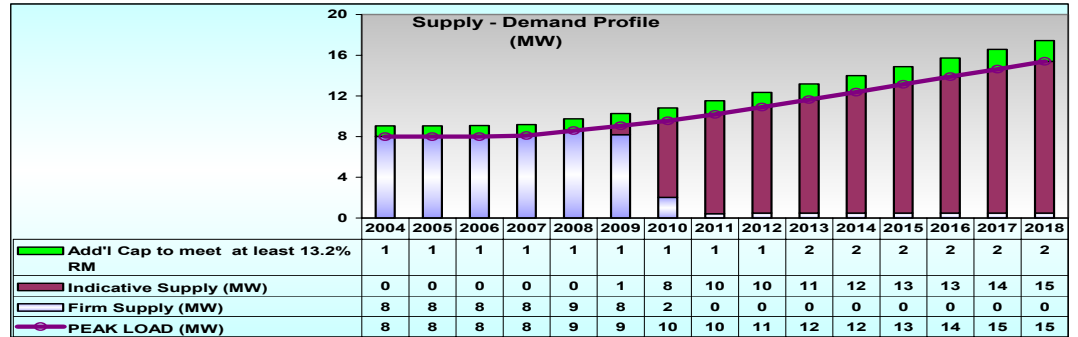
21 Municipalities (Valencia, Garcia Hernandez, Jagna, Duero, Guindulman, Anda, Candijay, Mabini, Alicia, Ubay, Carlos P. Garcia Island, Trinidad, Bien Unido, Talibon, Jetafe, Buenavista, San Miguel, Dagohoy, Danao, Pilar, and Sierra Bullones)

## Negros Oriental I Electric Cooperative, Inc. (NORECO I)

General Information	
Location	Tinaogan, Bindoy, Negros Oriental
Contact Person	Angelito A. Carriaga
Position	General Manager
Tel. No:	(035) 405-3055
Fax No:	(035) 405-3001
E-mail Address	noreco1@yahoo.com
Coverage Area	2,425.20 in sq.km.
No. of barangays	285
Franchise Population	

### SUPPLY HIGHLIGHTS

NORECO 1 has a Transition Supply Contract (TSC) with NPC up to 2018 and an application of 2.7MW Power Supply Contract w/ KEPCO to ERC for the period 2011 to 2021.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	39,665	42,276	44,829	47,751	50,969	53,009	55,498	57,565	59,720	61,967	5%
Commercial	1,267	1,245	1,259	1,278	1,290	1,291	1,298	1,304	1,311	1,319	1%
Industrial	304	306	297	302	305	301	299	298	297	295	0%
Others	1,060	1,048	1,031	1,037	1,033	1,014	1,003	992	981	970	-0.2%
<b>Total</b>	<b>42,296</b>	<b>44,875</b>	<b>47,416</b>	<b>50,368</b>	<b>53,597</b>	<b>55,615</b>	<b>58,098</b>	<b>60,159</b>	<b>62,309</b>	<b>64,551</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	23,047	25,367	27,560	30,045	32,627	35,032	37,596	39,970	42,476	45,124	8%
Commercial	5,314	5,851	6,448	7,112	7,848	8,585	9,391	10,273	10,925	11,618	9%
Industrial	3,731	3,806	3,881	3,976	4,074	4,132	4,192	4,294	4,399	4,507	2%
Others	5,756	5,830	5,908	5,997	6,084	6,173	6,261	6,356	6,450	6,546	1%
<b>Total</b>	<b>37,848</b>	<b>40,854</b>	<b>43,798</b>	<b>47,130</b>	<b>50,634</b>	<b>53,922</b>	<b>57,439</b>	<b>60,893</b>	<b>64,250</b>	<b>67,794</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	32	23	37	26	24	5	5	5	5	8	169
Expansion(ckt-km)	27	20	25	22	19						112
Rehabilitation(ckt-km)	5	3	12	5	5	5	5	5	5	8	57
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	48	30	26	21	20	9	8	8	8	7	184
Expansion	40	26	18	17	16						117
Rehabilitation	8	4	9	4	4	9	8	8	8	7	67
Substation Projects											
Electrification Projects	27	17	15	16	16	9	9	8	8	9	136
<b>Total</b>	<b>75</b>	<b>47</b>	<b>41</b>	<b>37</b>	<b>37</b>	<b>18</b>	<b>17</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>321</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	285	285	285	285	285	285	285	285	285	285	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	
<b>Household Level (%)</b>	<b>31%</b>	<b>32%</b>	<b>33%</b>	<b>34%</b>	<b>35%</b>	<b>35%</b>	<b>36%</b>	<b>36%</b>	<b>36%</b>	<b>36%</b>	
No. of Households Electrified (On-Grid)	39,240	41,790	44,507	47,400	50,243	52,756	55,393	57,609	59,914	62,310	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>39,240</b>	<b>41,790</b>	<b>44,507</b>	<b>47,400</b>	<b>50,243</b>	<b>52,756</b>	<b>55,393</b>	<b>57,609</b>	<b>59,914</b>	<b>62,310</b>	

Franchise Coverage:

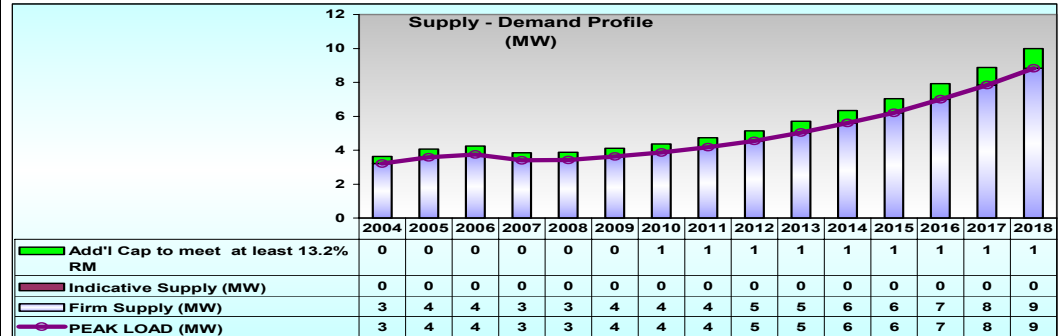
8 municipalities and 3 Cities: Mabinay, Manjuyod, Bindoy, Ayungon, Tayasan, Jimalalud, La Libertad, Vallehermoso and the cities of Bais, Guihulngan, and Canlaon.

## Bantayan Island Electric Cooperative, Inc. (BANELCO)

General Information	
Location	Balintawak, Bantigue, Bantayan, Cebu
Contact Person	Oscar T. Seares
Position	General Manager
Tel. No:	(032) 460-9281
Fax No:	(032) 460-9281
E-mail Address	banelcoonline@yahoo.com
Coverage Area	14.24 sq.km.
No. of barangays	49
Franchise Population	

### SUPPLY HIGHLIGHTS

The main supplier of BANELCO is BIPCOR with its 2-3MW bunker C fired units. The Phase In Phase Out (PIPO) among BIPCOR, NPC-SPUG and BANELCO is still in effect. Under this PIPO, NPC-SPUG will augment the capacity of BIPCOR during peak time and whenever BIPCOR provide power. However, the PIPO expired in December 2008, after which, BIPCOR supplies all the power requirements of BANELCO. In 2007, BANELCO had an excess power supply because both NPC and BIPCOR were both supplying during this period. NPC served only as a back-up of BIPCOR as agreed by both power plants.



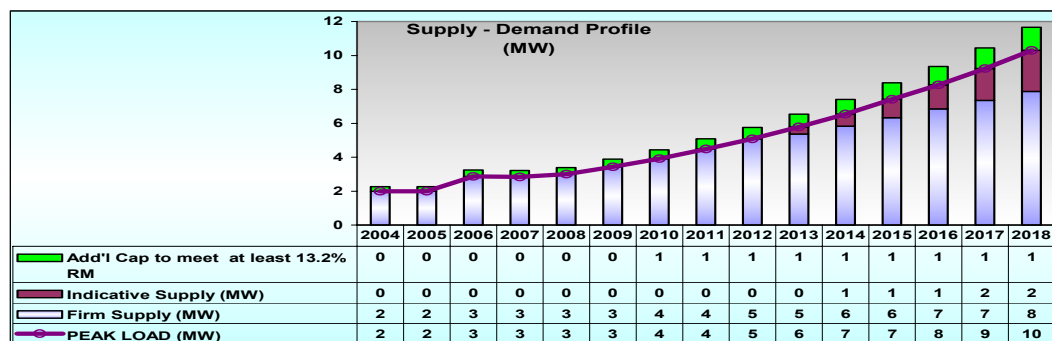
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	15,116	15,994	16,897	17,831	18,801	19,732	20,707	21,730	22,803	23,920	5%
Commercial	1,602	1,645	1,701	1,761	1,837	1,911	2,007	2,107	2,212	2,342	4%
Industrial	31	35	41	47	52	57	62	68	75	81	11%
Others	374	380	381	381	381	381	382	382	383	383	1%
<b>Total</b>	<b>17,123</b>	<b>18,054</b>	<b>19,021</b>	<b>20,021</b>	<b>21,070</b>	<b>22,081</b>	<b>23,158</b>	<b>24,288</b>	<b>25,472</b>	<b>26,726</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	8,172	8,917	9,731	10,620	11,588	12,642	13,792	15,047	16,415	17,908	9%
Commercial	5,083	5,537	6,091	6,707	7,455	8,287	9,299	10,436	11,712	13,269	11%
Industrial	2,019	2,503	3,002	3,606	4,325	5,188	6,223	7,463	8,950	10,730	21%
Others	774	791	808	826	843	861	880	898	918	937	2%
<b>Total</b>	<b>16,048</b>	<b>17,749</b>	<b>19,632</b>	<b>21,758</b>	<b>24,212</b>	<b>26,978</b>	<b>30,193</b>	<b>33,844</b>	<b>37,995</b>	<b>42,844</b>	<b>11%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	9	4	5	3	5						25
Expansion(ckt-km)	8	4	5	3	5						24
Rehabilitation(ckt-km)	1										1
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	2	4	6	5	6	2	2	2	2	2	31
Expansion	2	4	6	5	6						22
Rehabilitation	0.2					2	2	2	2	2	10
Substation Projects											
Electrification Projects	4	4	5	4	6	5	6	6	7	6	53
<b>Total</b>	<b>6</b>	<b>8</b>	<b>11</b>	<b>9</b>	<b>12</b>	<b>7</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>84</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	43	43	43	43	43	43	43	43	43	43	
No. of Barangays Electrified (Off-Grid)	6	6	6	6	6	6	6	6	6	6	
<b>Total</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	
<b>Household Level (%)</b>	<b>44%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>50%</b>	
No. of Households Electrified (On-Grid)	14,847	15,589	16,369	17,187	18,047	18,949	19,896	20,891	21,936	23,033	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>14,847</b>	<b>15,589</b>	<b>16,369</b>	<b>17,187</b>	<b>18,047</b>	<b>18,949</b>	<b>19,896</b>	<b>20,891</b>	<b>21,936</b>	<b>23,033</b>	

Franchise Coverage:

Covers 3 municipalities: Bantayan, Sta Fe, and Madrideojos.

## Province of Siquijor Electric Cooperative, Inc. (PROSIELCO)

General Information	
Location	Nonoc, Larena, Siquijor
Contact Person	Laureen B. Malolot
Position	General Manager
Tel. No:	(035)-377-2065
Fax No:	(035)-377-2065
E-mail Address	prosielco23@yahoo.com.ph
Coverage Area	343.5 sq.km.
No. of barangays	134
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>PROSIELCO is being supplied with electric power by the National Power Corporation Small Power Utility Group (NPC-SPUG) through PSA until 2018. It is a ten-year renewable contract. NPC-SPUG installed two power barges in Siquijor aside from its main plant located in Candajay Sur, Siquijor.</p>	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	13,124	13,682	14,262	14,845	15,451	15,919	16,392	16,880	17,382	17,900	4%
Commercial	1,705	1,760	1,817	1,874	1,933	1,974	2,015	2,057	2,100	2,143	3%
Industrial	119	122	124	127	129	130	132	133	134	136	2%
Others	721	723	724	725	724	717	718	718	718	719	0.3%
<b>Total</b>	<b>15,669</b>	<b>16,287</b>	<b>16,927</b>	<b>17,571</b>	<b>18,238</b>	<b>18,740</b>	<b>19,257</b>	<b>19,788</b>	<b>20,335</b>	<b>20,898</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	7,163	8,250	9,542	10,981	12,663	14,508	16,614	18,848	21,378	24,244	15%
Commercial	3,977	4,647	5,468	6,290	7,270	8,356	9,615	10,726	11,968	13,360	15%
Industrial	259	278	297	315	335	351	369	384	399	416	6%
Others	2,122	2,280	2,450	2,588	2,735	2,857	3,018	3,158	3,305	3,460	6%
<b>Total</b>	<b>13,520</b>	<b>15,455</b>	<b>17,757</b>	<b>20,176</b>	<b>23,002</b>	<b>26,073</b>	<b>29,616</b>	<b>33,116</b>	<b>37,051</b>	<b>41,479</b>	<b>13%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	2	6	3	5	8	5	5	5	1	5	44
Expansion(ckt-km)		2								1	2
Rehabilitation(ckt-km)	2	5	3	5	8	5	5	5	1	5	42
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	2	3	3	3	3	3	3	3	3	3	26
Expansion		1									1
Rehabilitation	2	2	3	3	3	3	3	3	3	2	25
Substation Projects											
Electrification Projects	5	7	6	3	3	2	3	3	3	3	36
<b>Total</b>	<b>7</b>	<b>9</b>	<b>9</b>	<b>5</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>62</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	134	134	134	134	134	134	134	134	134	134	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	<b>134</b>	
<b>Household Level (%)</b>	<b>62%</b>	<b>64%</b>	<b>65%</b>	<b>66%</b>	<b>68%</b>	<b>69%</b>	<b>69%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	
No. of Households Electrified (On-Grid)	13,102	13,626	14,171	14,738	15,327	15,787	16,261	16,749	17,251	17,769	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>13,102</b>	<b>13,626</b>	<b>14,171</b>	<b>14,738</b>	<b>15,327</b>	<b>15,787</b>	<b>16,261</b>	<b>16,749</b>	<b>17,251</b>	<b>17,769</b>	

Franchise Coverage:

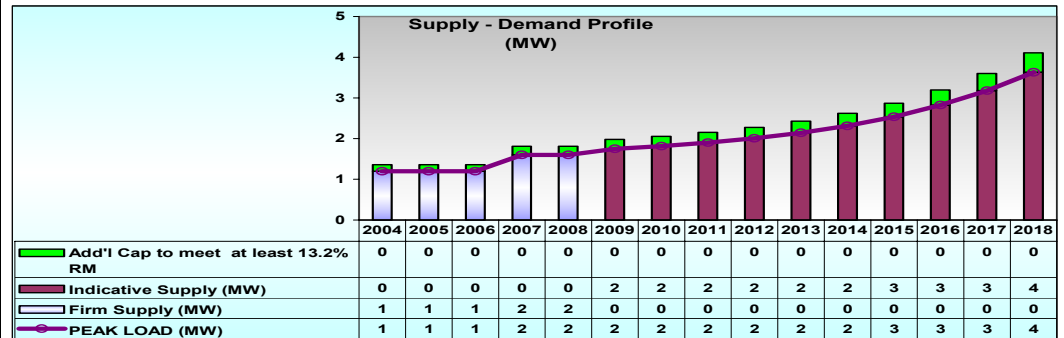
6 Municipalities: Siquijor, Larena, Enrique Villanueva, Maria, Lazi, and San Juan.

## Camotes Electric Cooperative, Inc. (CELCO)

General Information	
Location	Tamban, Western Pob., Poro, Province of Cebu
Contact Person	Rolando B. Camaso
Position	General Manager
Tel. No:	(032) 497-0272
Fax No:	(032) 497-0273
E-mail Address	
Coverage Area	260 sq.km.
No. of barangays	56
Franchise Population	

### SUPPLY HIGHLIGHTS

The system load profile for 2009 shows a maximum demand of 1.6MW and base load of around 0.5MW. CELCO's over-all system load factor is low by 45% because of the dominance of the residential consumers in the service area. All electricity requirement is purchased from NPC-SPUG.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	11,733	12,179	12,760	13,446	14,146	14,960	15,896	17,048	18,369	19,886	6%
Commercial	840	860	882	910	936	963	995	1,029	1,069	1,111	3%
Industrial	21	21	22	22	22	23	23	26	27	27	3%
Others	375	372	374	375	374	373	374	374	375	375	1%
<b>Total</b>	<b>12,969</b>	<b>13,432</b>	<b>14,038</b>	<b>14,753</b>	<b>15,478</b>	<b>16,319</b>	<b>17,289</b>	<b>18,477</b>	<b>19,840</b>	<b>21,399</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	3,764	3,894	4,056	4,234	4,450	4,711	5,025	5,435	5,902	6,489	6%
Commercial	1,576	1,658	1,760	1,906	2,103	2,362	2,705	3,154	3,746	4,527	12%
Industrial	231	243	257	276	298	328	368	424	489	565	10%
Others	719	754	800	856	925	1,016	1,134	1,289	1,480	1,700	10%
<b>Total</b>	<b>6,290</b>	<b>6,549</b>	<b>6,874</b>	<b>7,272</b>	<b>7,775</b>	<b>8,417</b>	<b>9,232</b>	<b>10,301</b>	<b>11,617</b>	<b>13,281</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	12	8	9	2							30
<i>Expansion(ckt-km)</i>	8	3	2	2							14
<i>Rehabilitation(ckt-km)</i>	4	5	7								16
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	3	3	2	3	0.4	0.4	0.4	0.4	0.4	0.4	13
<i>Expansion</i>	2	1		3							6
<i>Rehabilitation</i>	1	2	2		0.4	0.4	0.4	0.4	0.4	0.4	7
Substation Projects											
Electrification Projects	2	2	3	3	4	3	4	4	6	6	38
<b>Total</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>51</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	56	56	56	56	56	56	56	56	56	56	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	<b>56</b>	
<b>Household Level (%)</b>	<b>54%</b>	<b>54%</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>57%</b>	<b>59%</b>	<b>61%</b>	<b>64%</b>	<b>67%</b>	
No. of Households Electrified (On-Grid)	11,405	11,804	12,336	12,952	13,665	14,485	15,426	16,583	17,910	19,432	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>11,405</b>	<b>11,804</b>	<b>12,336</b>	<b>12,952</b>	<b>13,665</b>	<b>14,485</b>	<b>15,426</b>	<b>16,583</b>	<b>17,910</b>	<b>19,432</b>	

Franchise Coverage:

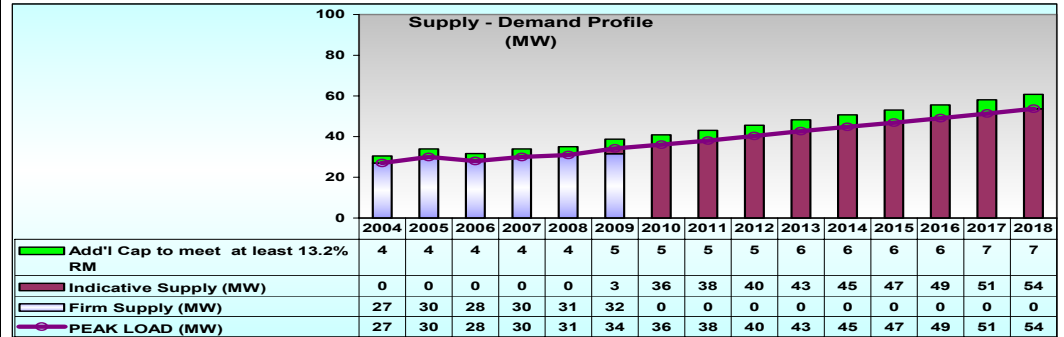
4 municipalities: Poro, Tudela, San Francisco, and Pilar.

**REGION 8  
ELECTRIC COOPERATIVES**



## Leyte II Electric Cooperative, Inc. (LEYECO II)

General Information	
Location	Real St., Sagkahan District, Tacloban City
Contact Person	Atty. Jerry Gwen L. Conde, CPA
Position	General Manager
Tel. No:	(053) 321-1493
Fax No:	(053) 325-7199
E-mail Address	leyeco2@inet.com
Coverage Area	
No. of barangays	196
Franchise Population	
SUPPLY HIGHLIGHTS	
LEYECO II will replace the 5 MVA to 10 MVA at Sagkahan S/S . This is to eliminate the overloading of power transformer in Sagkahan area coverage hence reduction of system loss and improved service reliability will take place.	



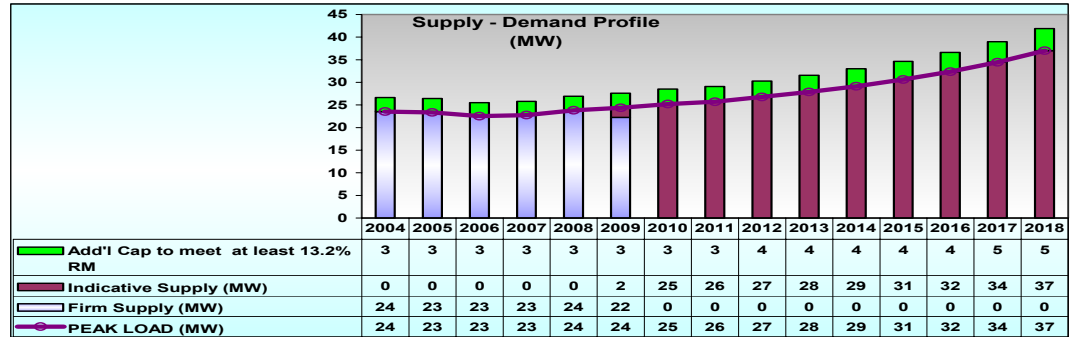
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	42,010	44,141	46,377	48,722	51,184	53,767	56,445	59,256	62,209	65,309	5%
Commercial	4,614	4,767	4,924	5,086	5,254	5,428	5,607	5,792	5,983	6,180	3%
Industrial	717	753	791	830	872	915	961	1,009	1,060	1,113	5%
Others	12,205	12,264	12,327	12,394	12,467	12,544	12,628	12,718	12,814	12,917	1%
<b>Total</b>	<b>59,547</b>	<b>61,924</b>	<b>64,418</b>	<b>67,033</b>	<b>69,776</b>	<b>72,654</b>	<b>75,640</b>	<b>78,775</b>	<b>82,065</b>	<b>85,519</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	65,168	69,115	73,301	77,739	82,445	87,436	92,724	98,430	104,486	110,916	6%
Commercial	25,331	26,429	27,574	28,769	30,015	31,316	32,673	34,088	35,565	37,106	4%
Industrial	45,913	48,691	51,637	54,761	58,074	61,587	65,313	69,265	73,455	77,899	6%
Others	20,862	22,830	25,022	27,059	29,299	31,278	33,431	35,209	37,128	39,202	8%
<b>Total</b>	<b>157,274</b>	<b>167,064</b>	<b>177,534</b>	<b>188,327</b>	<b>199,834</b>	<b>211,617</b>	<b>224,141</b>	<b>236,992</b>	<b>250,635</b>	<b>265,123</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	32	18									50
Expansion(ckt-km)	1	18									19
Rehabilitation(ckt-km)	32										32
Substation Capacity (MVA)					20.0						20
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	102	24									126
Expansion	2	24									26
Rehabilitation	100										100
Substation Projects	1				30						31
Electrification Projects	36	12	13	14	15	15	16	17	18	19	175
<b>Total</b>	<b>138</b>	<b>37</b>	<b>13</b>	<b>14</b>	<b>45</b>	<b>15</b>	<b>16</b>	<b>17</b>	<b>18</b>	<b>19</b>	<b>332</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	196	196	196	196	196	196	196	196	196	196	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	<b>196</b>	
<b>Household Level (%)</b>	<b>74%</b>	<b>76%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>84%</b>	<b>86%</b>	<b>88%</b>	<b>90%</b>	<b>92%</b>	
No. of Households Electrified (On-Grid)	41,965	44,064	46,267	48,580	51,009	53,560	56,238	59,049	62,002	65,102	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>41,965</b>	<b>44,064</b>	<b>46,267</b>	<b>48,580</b>	<b>51,009</b>	<b>53,560</b>	<b>56,238</b>	<b>59,049</b>	<b>62,002</b>	<b>65,102</b>	

Franchise Coverage:

1 City and 2 Municipalities (Tacloban City, Palo, and Babatngon)

## Leyte V Electric Cooperative, Inc. (LEYECO IV)

General Information	
Location	Brgy. San Pablo, Ormoc City
Contact Person	Jovenal R. Alesna
Position	General Manager
Tel. No:	(053) 561-8240
Fax No:	(053) 561-4075
E-mail Address	www.leyeco5_it@yahoo.com
Coverage Area	
No. of barangays	414
Franchise Population	
SUPPLY HIGHLIGHTS	
By year 2009, a rehabilitated 5 MVA substation in Kamangga shall have been converted into a mobile substation to establish reserves, considering the present build-up of loads. With an average growth rate of 3.5% for the years 2008-2018, it is projected that LEYECO V will be able to light up an average of 7,557 households every year.	



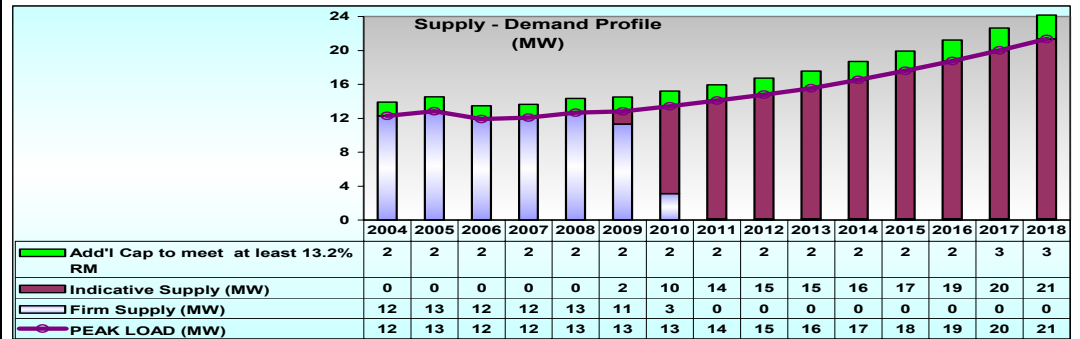
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	92,153	103,189	115,528	129,267	144,494	161,245	179,938	200,801	224,085	250,074	12%
Commercial	2,074	2,239	2,416	2,608	2,814	3,037	3,278	3,537	3,817	4,120	8%
Industrial	790	819	849	880	912	945	979	1,015	1,052	1,090	4%
Others	1,683	1,819	2,027	2,344	2,828	3,566	4,690	6,405	9,018	13,002	25%
<b>Total</b>	<b>96,701</b>	<b>108,067</b>	<b>120,819</b>	<b>135,098</b>	<b>151,048</b>	<b>168,792</b>	<b>188,886</b>	<b>211,758</b>	<b>237,973</b>	<b>268,286</b>	<b>12%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	61,540	63,210	65,073	67,156	69,484	72,082	74,982	78,221	81,836	85,873	4%
Commercial	7,179	7,587	8,026	8,500	9,012	9,564	10,160	10,803	11,497	12,246	6%
Industrial	30,562	31,348	32,164	33,009	33,885	34,793	35,733	36,708	37,719	38,766	3%
Others	9,757	10,832	10,470	11,925	13,692	15,877	18,631	22,179	26,852	33,141	15%
<b>Total</b>	<b>109,038</b>	<b>112,977</b>	<b>115,733</b>	<b>120,590</b>	<b>126,073</b>	<b>132,315</b>	<b>139,507</b>	<b>147,911</b>	<b>157,904</b>	<b>170,027</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	70	87	44	28	40	34	24	7	7	7	348
Expansion(ckt-km)	32	69	37	13	18	28	18				215
Rehabilitation(ckt-km)	38	18	7	15	22	7	7	7	7	7	132
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	69	51	51	49	55	55	49	38	39	40	496
Expansion	32	41	44	22	25	44	36				243
Rehabilitation	37	11	8	26	30	11	13	38	39	40	253
Substation Projects	3	1									4
Electrification Projects	38	27	32	32	40	59	50	54	71	84	487
<b>Total</b>	<b>110</b>	<b>79</b>	<b>83</b>	<b>80</b>	<b>95</b>	<b>114</b>	<b>99</b>	<b>92</b>	<b>110</b>	<b>124</b>	<b>987</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	414	414	414	414	414	414	414	414	414	414	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	<b>414</b>	
<b>Household Level (%)</b>	<b>53%</b>	<b>56%</b>	<b>58%</b>	<b>61%</b>	<b>63%</b>	<b>66%</b>	<b>69%</b>	<b>72%</b>	<b>75%</b>	<b>79%</b>	
No. of Households Electrified (On-Grid)	91,763	102,470	114,425	127,776	142,684	159,332	177,922	198,680	221,861	247,747	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>91,763</b>	<b>102,470</b>	<b>114,425</b>	<b>127,776</b>	<b>142,684</b>	<b>159,332</b>	<b>177,922</b>	<b>198,680</b>	<b>221,861</b>	<b>247,747</b>	

Franchise Coverage:

Third and fourth congressional districts of Leyte covering Ormoc City, Merida, Isabel, Palompon, Villaba, Tabango, San Isidro, Calubi-an, Leyte, and Albuera.

## Southern Leyte Electric Cooperative, Inc. (SOLECO)

General Information	
Location	Nasaug, Maasin City, Southern Leyte
Contact Person	Rosello S. Gerong
Position	General Manager
Tel. No:	(053) 381-2144
Fax No:	(053) 570-9823
E-mail Address	
Coverage Area	
No. of barangays	500
Franchise Population	
SUPPLY HIGHLIGHTS	
SOLECO will further evaluate the acquisition of 80 kms 69 kV line. SOLECO plans to rehabilitate Hinabian Mini Hydro Power Plant and construct 10 MVA Substation at Brgy. San Isidro, St. Bernard. TSC is up to 2014.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	55,428	58,232	61,173	64,260	67,499	70,898	74,464	78,207	82,135	86,256	5%
Commercial	1,571	1,649	1,732	1,818	1,909	2,005	2,105	2,210	2,321	2,437	5%
Industrial	2	2	2	2	2	2	2	2	2	2	0%
Others	3,436	3,475	3,481	3,486	3,492	3,499	3,505	3,512	3,519	3,526	1%
<b>Total</b>	<b>60,436</b>	<b>63,358</b>	<b>66,388</b>	<b>69,567</b>	<b>72,903</b>	<b>76,403</b>	<b>80,076</b>	<b>83,931</b>	<b>87,976</b>	<b>92,221</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	40,582	42,647	44,833	47,148	49,596	52,188	54,932	57,838	60,915	64,174	5%
Commercial	9,417	10,483	11,671	12,997	14,476	16,126	17,967	20,022	22,315	24,874	11%
Industrial	472	476	481	486	491	496	501	506	511	516	1%
Others	5,800	6,080	6,371	6,677	6,999	7,337	7,693	8,067	8,460	8,875	5%
<b>Total</b>	<b>56,270</b>	<b>59,686</b>	<b>63,356</b>	<b>67,308</b>	<b>71,561</b>	<b>76,147</b>	<b>81,092</b>	<b>86,432</b>	<b>92,201</b>	<b>98,440</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	36.2										36
Expansion(ckt-km)	36										36
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	54	31	28	27	25	24	25	24	25	24	290
Expansion	54										54
Rehabilitation		31	28	27	25	24	25	24	25	24	236
Substation Projects	27										27
Electrification Projects	18	8	7	8	9	9	10	9	10	10	99
<b>Total</b>	<b>98</b>	<b>40</b>	<b>35</b>	<b>35</b>	<b>34</b>	<b>34</b>	<b>35</b>	<b>34</b>	<b>36</b>	<b>35</b>	<b>415</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	500	500	500	500	500	500	500	500	500	500	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	<b>500</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>66%</b>	<b>69%</b>	<b>71%</b>	<b>73%</b>	<b>75%</b>	<b>78%</b>	<b>80%</b>	
No. of Households Electrified (On-Grid)	55,216	57,977	60,875	63,919	67,115	70,471	73,994	77,694	81,579	85,658	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>55,216</b>	<b>57,977</b>	<b>60,875</b>	<b>63,919</b>	<b>67,115</b>	<b>70,471</b>	<b>73,994</b>	<b>77,694</b>	<b>81,579</b>	<b>85,658</b>	

**Franchise Coverage:**

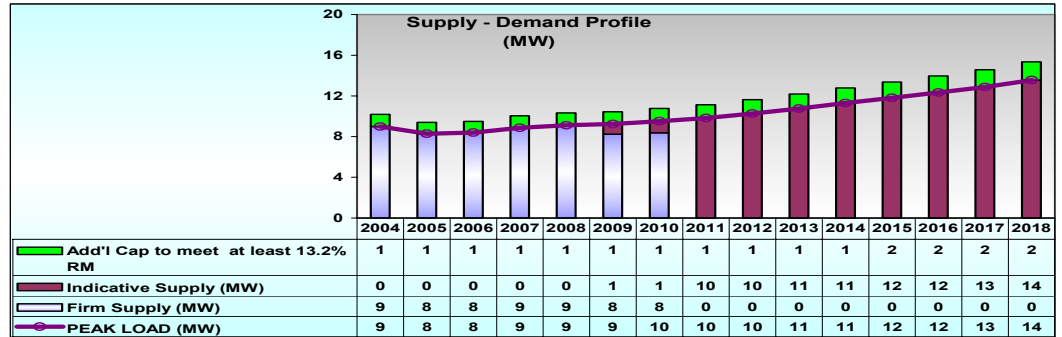
1 City, 17 Mainland Municipalities, and 1 Island Municipality (Maasin City, Macrohon, Padre Burgos, Malitbog, Tomas Oppus, Bontoc, Sogod, Libagon, Liloan, San Francisco, Pintuyan, San Ricardo, St. Bernard, San Juan, Anahawan, Hinundayan, Hinunangan, Silago, and Limasawa Island)

## Samelco II Electric Cooperative, Inc. (SAMELCO II)

General Information	
Location	Paranas, Samar
Contact Person	Ponciano R. Rosales
Position	General Manager
Tel. No:	(055) 251-5645
Fax No:	(055) 251-5645
E-mail Address	samelcotwo@yahoo.com
Coverage Area	
No. of barangays	524
Franchise Population	

**SUPPLY HIGHLIGHTS**

SAMELCO II upgraded the Catbalogan substation from 5 MVA to 10 MVA in 2008. The existing 5 MVA was reconditioned in preparation for capacity by year 2012 and an additional 5 MVA substation located in the town of Villareal, Samar will supply three (3) municipalities for the improvement of power quality and system loss reduction. The Transition Supply Contract (TSC) is until 2018.



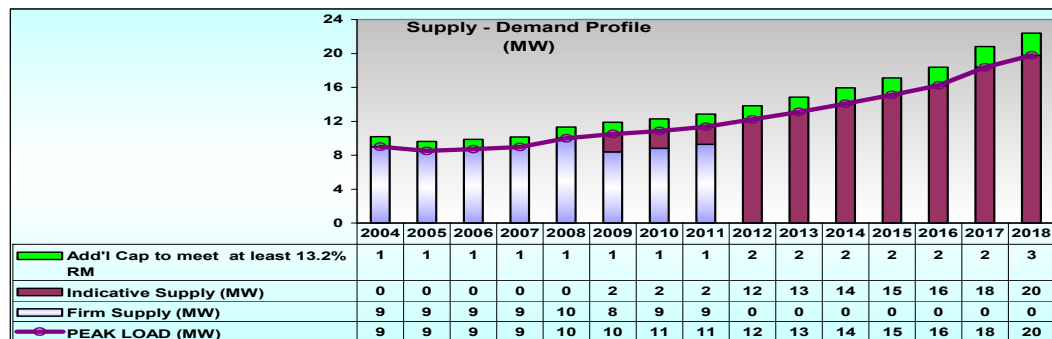
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	37,057	38,696	40,150	41,649	43,196	45,000	46,869	48,808	50,819	53,390	4%
Commercial	1,087	1,098	1,109	1,120	1,131	1,142	1,154	1,165	1,177	1,189	1%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	4,541	4,541	4,542	4,542	4,543	4,543	4,544	4,544	4,545	4,545	0.1%
<b>Total</b>	<b>42,685</b>	<b>44,335</b>	<b>45,800</b>	<b>47,311</b>	<b>48,870</b>	<b>50,685</b>	<b>52,567</b>	<b>54,518</b>	<b>56,540</b>	<b>59,123</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	26,013	27,349	28,884	30,504	32,216	34,188	36,271	38,478	40,818	43,715	6%
Commercial	9,080	9,254	9,430	9,611	9,794	9,982	10,173	10,368	10,566	10,769	2%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	6,794	7,044	7,314	7,607	7,925	8,270	8,321	8,372	8,424	8,476	7%
<b>Total</b>	<b>41,887</b>	<b>43,647</b>	<b>45,628</b>	<b>47,722</b>	<b>49,935</b>	<b>52,439</b>	<b>54,765</b>	<b>57,218</b>	<b>59,808</b>	<b>62,960</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	92	23	15	31	1						161
<i>Expansion(ckt-km)</i>	81	12	6	31	1						131
<i>Rehabilitation(ckt-km)</i>	11	11	9								30
Substation Capacity (MVA)				5							5
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	64	22	11	45	0.3						141
<i>Expansion</i>	56	11	5	45	0.3						117
<i>Rehabilitation</i>	8	10	6								24
Substation Projects				18							18
Electrification Projects	21	9	11	11	10	12	12	13	14	16	129
<b>Total</b>	<b>85</b>	<b>31</b>	<b>22</b>	<b>73</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>13</b>	<b>14</b>	<b>16</b>	<b>288</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>101%</b>	
No of Barangays Electrified (On-Grid)	483	483	483	483	483	483	483	483	483	483	
No. of Barangays Electrified (Off-Grid)	41	41	41	41	41	41	41	41	41	46	
<b>Total</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>524</b>	<b>529</b>	
<b>Household Level (%)</b>	<b>43%</b>	<b>44%</b>	<b>44%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	
No. of Households Electrified (On-Grid)	36,328	37,418	38,728	40,083	41,486	43,146	44,871	46,666	48,533	50,960	
No. of Households Electrified (Off-Grid)	1110	1110	1110	1110	1110	1110	1110	1110	1110	1110	
<b>Total</b>	<b>37,438</b>	<b>38,528</b>	<b>39,838</b>	<b>41,193</b>	<b>42,596</b>	<b>44,256</b>	<b>45,981</b>	<b>47,776</b>	<b>49,643</b>	<b>52,070</b>	

Franchise Coverage:

Covers sixteen (16) Municipalities namely: Catbalogan, Jiabong, Motiong, Paranas, Hinabangan, Calbiga, Pinabacdao, Villareal, Talalora, Sta. Rita, Basey, Marabut, Daram, Zumarraga, San Sebastian, and San Jose De Buan.

## Eastern Samar Electric Cooperative, Inc. (ESAMELCO)

General Information	
Location	Cabong, Borongan Eastern Samar
Contact Person	Marilen Q. Reyes
Position	General Manager-OIC
Tel. No:	(055) 560-0030
Fax No:	(055) 560-0030
E-mail Address	
Coverage Area	
No. of barangays	596
Franchise Population	
SUPPLY HIGHLIGHTS	
Existing TSC w/ TRANSCO is until 2011. Amanjuray Mini-Hydro Power Plant in Lawa-an with a capacity of 1 MVA is expected to serve the three (3) nearby municipalities of Lawa-an, Balangiga and Giporlos.	



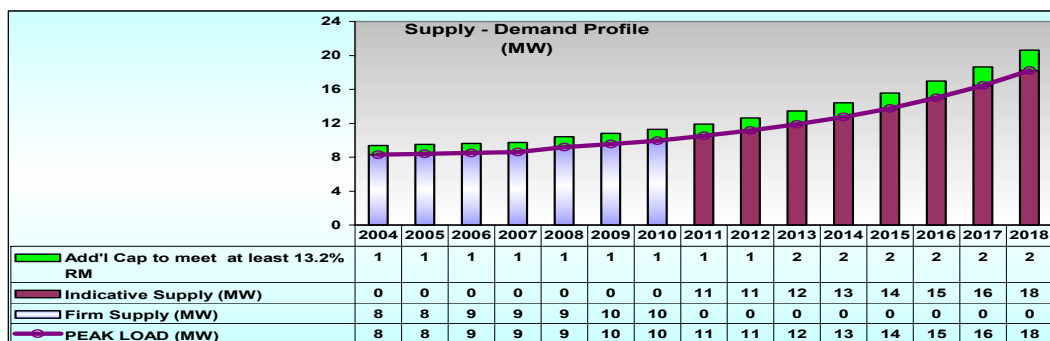
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	41,784	44,887	48,162	51,389	54,784	58,355	61,675	65,194	68,924	72,878	7%
Commercial	1,353	1,443	1,536	1,625	1,716	1,810	1,872	1,938	2,006	2,077	5%
Industrial	106	108	110	112	113	115	117	118	120	122	2%
Others	1,168	1,194	1,219	1,245	1,257	1,268	1,280	1,284	1,277	1,281	2%
<b>Total</b>	<b>44,411</b>	<b>47,632</b>	<b>51,027</b>	<b>54,371</b>	<b>57,870</b>	<b>61,548</b>	<b>64,944</b>	<b>68,534</b>	<b>72,327</b>	<b>76,357</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	33,691	36,208	39,264	42,394	45,421	48,687	52,140	55,858	59,862	64,173	7%
Commercial	5,367	5,789	6,246	6,736	7,238	7,779	8,341	8,946	9,595	10,293	8%
Industrial	1,832	2,141	2,502	2,916	3,400	3,963	4,619	5,385	6,277	7,317	17%
Others	4,960	5,169	5,398	5,643	5,895	6,169	6,466	6,786	7,080	7,452	5%
<b>Total</b>	<b>45,850</b>	<b>49,306</b>	<b>53,410</b>	<b>57,690</b>	<b>61,954</b>	<b>66,598</b>	<b>71,567</b>	<b>76,975</b>	<b>82,814</b>	<b>89,235</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	167	31									198
Expansion(ckt-km)	165										165
Rehabilitation(ckt-km)	1	31									32
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	126	29	19	14	12	13	12	10	11	9	256
Expansion	125										125
Rehabilitation	1	29	19	14	12	13	12	10	11	9	131
Substation Projects	4										4
Electrification Projects	19	12	12	11	13	13	12	12	13	13	129
<b>Total</b>	<b>149</b>	<b>40</b>	<b>30</b>	<b>26</b>	<b>26</b>	<b>26</b>	<b>24</b>	<b>22</b>	<b>24</b>	<b>23</b>	<b>389</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	<b>98%</b>	
No of Barangays Electrified (On-Grid)	563	563	563	563	563	563	563	563	563	563	
No. of Barangays Electrified (Off-Grid)	19	19	19	19	19	19	19	19	19	19	
<b>Total</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	<b>582</b>	
<b>Household Level (%)</b>	<b>55%</b>	<b>59%</b>	<b>62%</b>	<b>66%</b>	<b>69%</b>	<b>73%</b>	<b>77%</b>	<b>81%</b>	<b>85%</b>	<b>90%</b>	
No. of Households Electrified (On-Grid)	40,956	43,619	46,454	49,241	52,195	55,327	58,647	62,166	65,896	69,849	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>40,956</b>	<b>43,619</b>	<b>46,454</b>	<b>49,241</b>	<b>52,195</b>	<b>55,327</b>	<b>58,647</b>	<b>62,166</b>	<b>65,896</b>	<b>69,849</b>	

**Franchise Coverage:**

23 Municipalities (Arteche, Balangiga, Balangkayan, Borongan, Can-Avid, Dolores, Gen. Mac Arthur, Giporlos, Guiuan, Hernani, Jipapad, Lawa-an, Llorente, Maslog, Maydolong, Mercedes, Oras, Quinapundan, Salcedo, San Julian, San Policarpo, Sulat, and Taft)

## Northern Samar Electric Cooperative, Inc. (NORSAMELCO)

General Information	
Location	Magsaysay Bobon N. Samar
Contact Person	Henry C. Banjawan
Position	ESD Manager
Tel. No:	(055) 251-8163
Fax No:	(055) 251-8163
E-mail Address	hbanjawan@yahoo.com
Coverage Area	
No. of barangays	569
Franchise Population	
SUPPLY HIGHLIGHTS	
A 10 MVA substation will be installed at Catarman in 2009 to upgrade the existing 5 MVA. The said 5 MVA substation will be transferred to Lawaan, Laoang while the existing 3.75 MVA will be decommissioned/retired.	



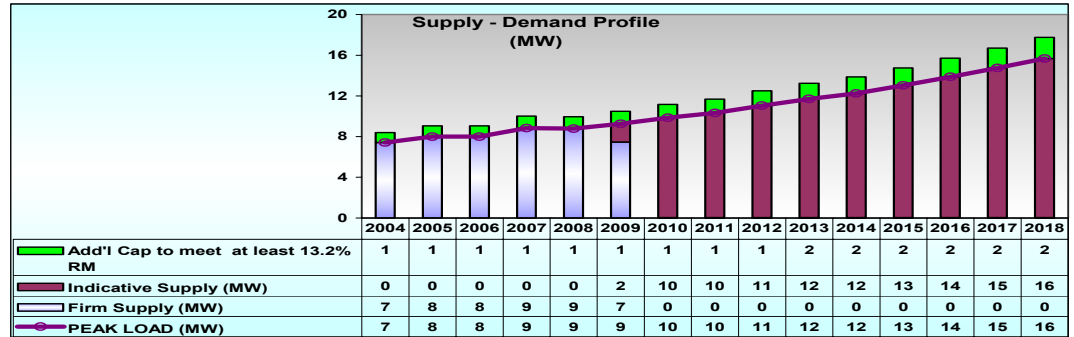
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	34,411	35,781	37,343	38,956	40,582	42,276	44,271	47,005	49,892	53,213	5%
Commercial	1,949	1,958	1,970	1,982	1,996	2,010	2,024	2,039	2,054	2,070	1%
Industrial	6	7	7	9	10	11	13	15	18	21	15%
Others	849	854	866	856	856	860	859	859	859	864	0.4%
<b>Total</b>	<b>37,215</b>	<b>38,601</b>	<b>40,187</b>	<b>41,802</b>	<b>43,443</b>	<b>45,157</b>	<b>47,167</b>	<b>49,919</b>	<b>52,824</b>	<b>56,167</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	28,944	30,331	31,904	33,689	35,568	37,700	40,108	43,162	46,475	50,263	6%
Commercial	7,555	7,904	8,273	8,660	9,071	9,501	9,952	10,428	10,926	11,448	5%
Industrial	1,530	1,940	2,463	3,143	4,017	5,159	6,632	8,568	11,078	14,392	28%
Others	5,294	5,552	5,821	6,118	6,454	6,847	7,263	7,740	8,289	8,948	7%
<b>Total</b>	<b>43,323</b>	<b>45,727</b>	<b>48,461</b>	<b>51,610</b>	<b>55,110</b>	<b>59,206</b>	<b>63,955</b>	<b>69,897</b>	<b>76,767</b>	<b>85,051</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	61	12	7	3	4						86
Expansion(ckt-km)	55	12	4	3	4						77
Rehabilitation(ckt-km)	6		3								9
Substation Capacity (MVA)	10				10						20
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	29	29	11	14	15	7	7	4	4	4	123
Expansion	26	29	6	14	15						89
Rehabilitation	3		5			7	7	4	4	4	33
Substation Projects	18				18						36
Electrification Projects	26	25	6	6	7	6	7	9	10	11	113
<b>Total</b>	<b>72</b>	<b>55</b>	<b>18</b>	<b>20</b>	<b>39</b>	<b>13</b>	<b>14</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>272</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	524	524	524	524	524	524	524	524	524	524	
No. of Barangays Electrified (Off-Grid)	45	45	45	45	45	45	45	45	45	45	
<b>Total</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	<b>569</b>	
<b>Household Level (%)</b>	<b>30%</b>	<b>30%</b>	<b>30%</b>	<b>31%</b>	<b>32%</b>	<b>33%</b>	<b>34%</b>	<b>35%</b>	<b>37%</b>	<b>39%</b>	
No. of Households Electrified (On-Grid)	33,608	34,616	35,827	37,261	38,751	40,495	42,520	45,283	48,227	51,603	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,608</b>	<b>34,616</b>	<b>35,827</b>	<b>37,261</b>	<b>38,751</b>	<b>40,495</b>	<b>42,520</b>	<b>45,283</b>	<b>48,227</b>	<b>51,603</b>	

**Franchise Coverage:**

24 Municipalities (Catarman, Bobon, San Jose, Lavezares, Allen, Victoria, San Isidro, San Antonio, Capul, Biri, Lope de Vega, Mondragon, San Roque, Pambujan, Lao-ang, Palapag, Mapanas, Gamay, Lapinig, Las Navas, Rosario, San Vicente, Silvino Lobos, and Catubig)

## Samar I Electric Cooperative, Inc. (SAMELCO I)

General Information	
Location	Carayman, Calbayog City
Contact Person	Placida P. Balios
Position	Officer-In-Charge
Tel. No:	(055) 2098-211, 2098-216, 2098-071, 2098073
Fax No:	(055) 2098-211
E-mail Address	samelco_1@yahoo.com
Coverage Area	
No. of barangays	427
Franchise Population	
SUPPLY HIGHLIGHTS	
SAMELCO I expects an increase in the demand and energy consumption of its biggest industrial customer with an additional capacity of 200 KW. SAMELCO I expects to complete the upgrading, installation and commissioning of its 15 MVA Substation at Capooan, Calbayog City and will procure a 700 kVA transformer for Ton-ok Minihydro plant thus augmenting the power supply in SAMELCO I's distribution system. A new one year power supply contract for 2009 was submitted to NPC before the expiration of existing contract on Dec. 26, 2008	



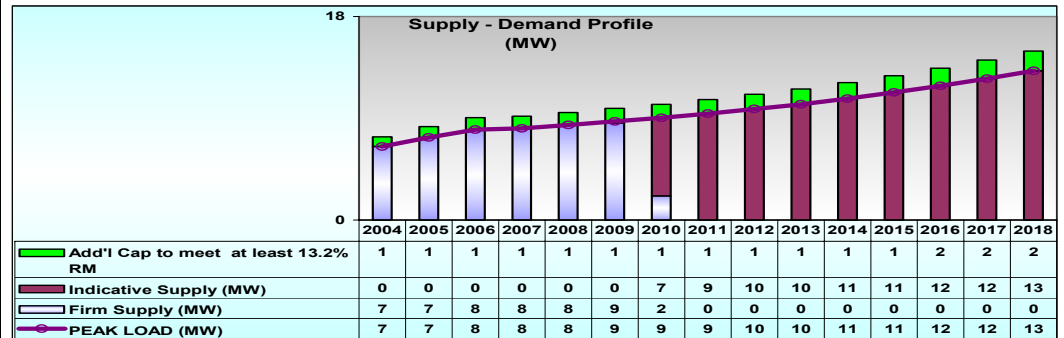
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	41,986	45,148	48,515	52,099	54,898	57,824	60,884	64,084	67,431	70,934	6%
Commercial	2,604	2,787	2,983	3,192	3,416	3,656	3,912	4,186	4,480	4,793	7%
Industrial	2	2	2	2	2	2	2	2	2	2	1%
Others	3,521	3,523	3,526	3,528	3,528	3,530	3,533	3,535	3,538	3,540	0.1%
<b>Total</b>	<b>48,113</b>	<b>51,461</b>	<b>55,025</b>	<b>58,821</b>	<b>61,844</b>	<b>65,012</b>	<b>68,331</b>	<b>71,807</b>	<b>75,451</b>	<b>79,270</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	25,452	27,890	30,424	33,301	35,821	38,338	41,020	43,991	46,938	50,075	8%
Commercial	6,975	7,492	8,011	8,595	9,222	9,897	10,602	11,358	12,202	13,107	7%
Industrial	7,408	7,778	8,206	8,657	9,133	9,681	10,262	10,878	11,531	12,223	6%
Others	4,624	4,675	4,732	4,787	4,828	4,884	4,941	4,997	5,055	5,113	1%
<b>Total</b>	<b>44,459</b>	<b>47,835</b>	<b>51,373</b>	<b>55,341</b>	<b>59,005</b>	<b>62,801</b>	<b>66,825</b>	<b>71,225</b>	<b>75,725</b>	<b>80,517</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	31		32								63
Expansion(ckt-km)	31										31
Rehabilitation(ckt-km)			32								32
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	43	44	64	53	35	34					274
Expansion	43										43
Rehabilitation		44	64	53	35	34					231
Substation Projects											
Electrification Projects	41	22	31	28	17	17	16	18	19	20	228
<b>Total</b>	<b>84</b>	<b>66</b>	<b>95</b>	<b>81</b>	<b>52</b>	<b>51</b>	<b>16</b>	<b>18</b>	<b>19</b>	<b>20</b>	<b>502</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	307	307	307	307	307	307	307	307	307	307	
No. of Barangays Electrified (Off-Grid)	120	120	120	120	120	120	120	120	120	120	
<b>Total</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	<b>427</b>	
<b>Household Level (%)</b>	<b>66%</b>	<b>70%</b>	<b>73%</b>	<b>77%</b>	<b>80%</b>	<b>82%</b>	<b>85%</b>	<b>88%</b>	<b>91%</b>	<b>94%</b>	
No. of Households Electrified (On-Grid)	41,577	44,487	47,601	50,934	53,480	56,154	58,962	61,910	65,006	68,256	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>41,577</b>	<b>44,487</b>	<b>47,601</b>	<b>50,934</b>	<b>53,480</b>	<b>56,154</b>	<b>58,962</b>	<b>61,910</b>	<b>65,006</b>	<b>68,256</b>	

**Franchise Coverage:**

On Grid: Calbayog City (Comprising 3 districts - Calbayog, Tinambacan, and Oquendo) Sta. Margarita, Gandara, San Jorge, Pagsanghan, Tarangnan, and Matuguinao. Off Grid: Sto Nino, Almagro, and Tagapulan.

## Leyte IV Electric Cooperative, Inc. (LEYECO IV)

General Information	
Location	Brgy. Lamak, Hilongos, Leyte
Contact Person	Helen B. Ybañez
Position	General Manager
Tel. No:	(053) 567-9349
Fax No:	(053) 567-9661
E-mail Address	leyecoiv@yahoo.com
Coverage Area	
No. of barangays	245
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>The existing 3.75 MVA power transformer at Brgy. Gaas, Baybay will be recommissioned in order to augment the power capability of Baybay area. LEYECO IV will upgrade this substation's capacity by year 2011 from 3.75 to 5 MVA. Then, the 3.75 MVA power transformer will be transferred in the Municipality of Bato.</p>	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	43,234	44,742	46,286	47,884	49,539	51,252	53,026	54,862	56,762	58,730	4%
Commercial	3,477	3,551	3,621	3,693	3,766	3,841	3,917	3,995	4,074	4,155	2%
Industrial	310	316	323	329	336	342	349	356	363	371	2%
Others	1,175	1,184	1,184	1,183	1,180	1,180	1,180	1,179	1,179	1,178	0.5%
<b>Total</b>	<b>48,196</b>	<b>49,792</b>	<b>51,413</b>	<b>53,090</b>	<b>54,821</b>	<b>56,615</b>	<b>58,472</b>	<b>60,391</b>	<b>62,378</b>	<b>64,433</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	22,539	23,754	25,039	26,397	27,833	29,353	30,991	32,758	34,664	36,724	6%
Commercial	9,682	10,025	10,381	10,754	11,142	11,594	12,069	12,578	13,125	13,768	4%
Industrial	1,649	1,735	1,827	1,923	2,025	2,132	2,245	2,367	2,498	2,638	5%
Others	2,983	3,082	3,253	3,361	3,471	3,585	3,703	3,856	4,016	4,183	4%
<b>Total</b>	<b>36,852</b>	<b>38,596</b>	<b>40,499</b>	<b>42,435</b>	<b>44,471</b>	<b>46,664</b>	<b>49,008</b>	<b>51,558</b>	<b>54,303</b>	<b>57,313</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	35	1	80								117
<i>Expansion(ckt-km)</i>	24	1	80								106
<i>Rehabilitation(ckt-km)</i>	11										11
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	21	3	0.3								25
<i>Expansion</i>	15	3	0.3								18
<i>Rehabilitation</i>	7										7
Substation Projects	5		6								11
Electrification Projects	18	9	9	6	6	6	7	7	7	7	83
<b>Total</b>	<b>44</b>	<b>12</b>	<b>15</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>118</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No of Barangays Electrified (On-Grid)	242	242	242	242	242	242	242	242	242	242	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	<b>244</b>	
<b>Household Level (%)</b>	<b>77%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>83%</b>	<b>85%</b>	<b>87%</b>	<b>88%</b>	<b>90%</b>	<b>92%</b>	
No. of Households Electrified (On-Grid)	42,986	44,490	46,047	47,659	49,327	51,053	52,840	54,690	56,604	58,585	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>42,986</b>	<b>44,490</b>	<b>46,047</b>	<b>47,659</b>	<b>49,327</b>	<b>51,053</b>	<b>52,840</b>	<b>54,690</b>	<b>56,604</b>	<b>58,585</b>	

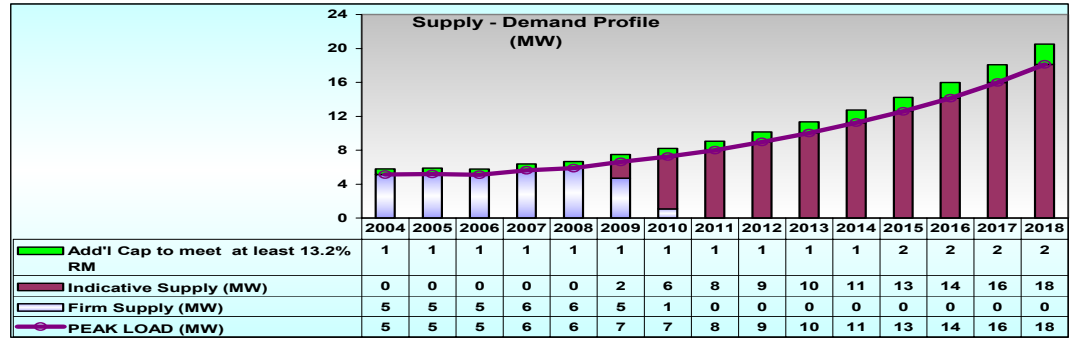
Franchise Coverage:

Covers the Municipalities of : Baybay, Inopacan, Hindang, Hilongos, Bato, and Matalom.



## Leyte III Electric Cooperative, Inc. (LEYECO III)

General Information	
Location	San Roque, Tunga, Leyte
Contact Person	Engr. Esteban L. Manlapas
Position	Eng'g Dept. Manager
Tel. No:	(053) 331-8507
Fax No:	(053) 331-8522
E-mail Address	
Coverage Area	1,965 sq.km.
No. of barangays	285
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract (TSC) is up to year 2018.	



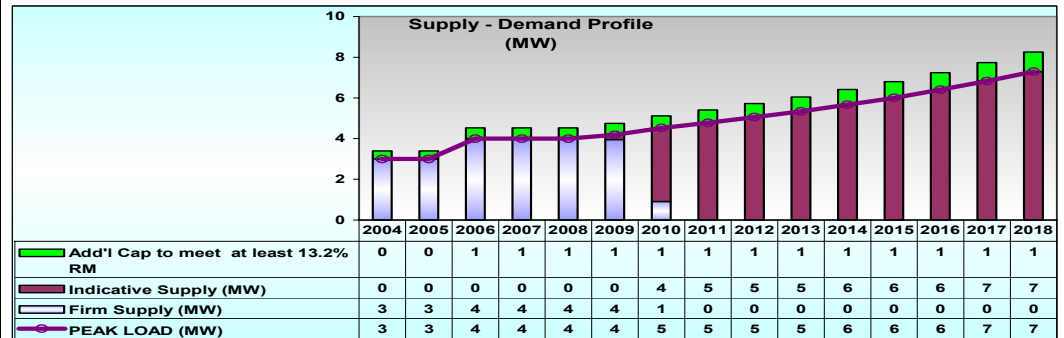
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	30,665	33,124	36,110	39,364	42,116	44,220	46,429	48,748	50,696	52,723	7%
Commercial	964	1,012	1,083	1,181	1,275	1,377	1,487	1,606	1,719	1,839	7%
Industrial	154	167	180	196	212	229	245	260	275	292	7%
Others	523	524	527	531	530	523	521	521	521	522	0.4%
<b>Total</b>	<b>32,306</b>	<b>34,827</b>	<b>37,900</b>	<b>41,271</b>	<b>44,133</b>	<b>46,350</b>	<b>48,683</b>	<b>51,135</b>	<b>53,212</b>	<b>55,375</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	17,397	18,700	20,345	22,381	24,161	25,957	27,972	30,226	32,884	35,732	8%
Commercial	5,147	6,441	8,194	10,629	13,689	17,689	21,916	27,163	33,467	41,233	26%
Industrial	1,435	1,692	1,998	2,387	2,830	3,354	3,906	4,507	5,216	6,035	17%
Others	1,847	1,963	2,095	2,241	2,377	2,503	2,685	2,888	3,117	3,365	7%
<b>Total</b>	<b>25,826</b>	<b>28,796</b>	<b>32,631</b>	<b>37,638</b>	<b>43,056</b>	<b>49,503</b>	<b>56,479</b>	<b>64,783</b>	<b>74,684</b>	<b>86,365</b>	<b>14%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	1	12	11	9	16	20	19	21	8	8	125
<i>Expansion(ckt-km)</i>	1										1
<i>Rehabilitation(ckt-km)</i>		12	11	9	16	20	19	21	8	8	124
Substation Capacity (MVA)		5									5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	26	27	24	23	28	26	26	27	24	27	258
<i>Expansion</i>	26										26
<i>Rehabilitation</i>		27	24	23	28	26	26	27	24	27	232
Substation Projects		7	0								8
Electrification Projects	10	5	12	14	16	12	10	13	6	8	106
<b>Total</b>	<b>36</b>	<b>39</b>	<b>36</b>	<b>37</b>	<b>44</b>	<b>37</b>	<b>37</b>	<b>40</b>	<b>30</b>	<b>35</b>	<b>371</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	285	285	285	285	285	285	285	285	285	286	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>285</b>	<b>286</b>	
<b>Household Level (%)</b>	<b>59%</b>	<b>63%</b>	<b>67%</b>	<b>72%</b>	<b>76%</b>	<b>78%</b>	<b>81%</b>	<b>84%</b>	<b>85%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	30,645	33,096	36,075	39,322	42,074	44,178	46,387	48,706	50,654	52,681	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>30,645</b>	<b>33,096</b>	<b>36,075</b>	<b>39,322</b>	<b>42,074</b>	<b>44,178</b>	<b>46,387</b>	<b>48,706</b>	<b>50,654</b>	<b>52,681</b>	

Franchise Coverage:

Capoocan, Carigara, Tunga, Barugo, San Miguel, Jaro, Alang-Alang, Sta Fe, & Pastrana

## Biliran Electric Cooperative, Inc. (BILECO)

General Information	
Location	Caraycaray, Naval, Biliran
Contact Person	Marlon B. Roa
Position	General Manager
Tel. No:	(053) 500-9039
Fax No:	(053) 500-9744
E-mail Address	bilecomsd@yahoo.com
Coverage Area	
No. of barangays	117
Franchise Population	
SUPPLY HIGHLIGHTS	
By 2009, the EC will replace its 5MVA Substation to improve service reliability and install the primary and secondary protection of the rehabilitated 3.15MVA Substation.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	20,654	21,997	23,600	25,290	27,109	28,961	31,070	33,501	36,127	38,962	7%
Commercial	668	717	762	811	862	911	963	1,018	1,077	1,139	6%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	583	600	608	616	617	622	628	631	636	642	2%
<b>Total</b>	<b>21,905</b>	<b>23,314</b>	<b>24,970</b>	<b>26,716</b>	<b>28,587</b>	<b>30,494</b>	<b>32,662</b>	<b>35,151</b>	<b>37,840</b>	<b>40,744</b>	<b>7%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	12,789	13,520	14,309	15,150	16,050	17,008	18,057	19,185	20,400	21,711	6%
Commercial	2,274	2,405	2,542	2,689	2,845	3,010	3,185	3,373	3,573	3,786	6%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	2,262	3,026	3,342	3,695	4,081	4,509	4,893	5,317	5,789	6,314	13%
<b>Total</b>	<b>17,325</b>	<b>18,952</b>	<b>20,193</b>	<b>21,534</b>	<b>22,976</b>	<b>24,527</b>	<b>26,135</b>	<b>27,875</b>	<b>29,762</b>	<b>31,811</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	45	17	11	5	6	3					88
Expansion(ckt-km)	28	10	6	5	6	3					59
Rehabilitation(ckt-km)	17	7	5								29
Substation Capacity (MVA)	8	8	8	8	8	8	8				57
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	31	21	21	17	19	16	14	14	14	14	178
Expansion	20	13	11	17	19	16					94
Rehabilitation	12	8	10				14	14	14	14	84
Substation Projects											
Electrification Projects	15	10	6	7	9	7	8	9	11	10	91
<b>Total</b>	<b>46</b>	<b>31</b>	<b>27</b>	<b>24</b>	<b>27</b>	<b>22</b>	<b>21</b>	<b>22</b>	<b>25</b>	<b>24</b>	<b>270</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	115	115	115	115	115	115	115	115	115	115	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	<b>117</b>	
<b>Household Level (%)</b>	<b>64%</b>	<b>65%</b>	<b>67%</b>	<b>69%</b>	<b>71%</b>	<b>72%</b>	<b>75%</b>	<b>78%</b>	<b>80%</b>	<b>83%</b>	
No. of Households Electrified (On-Grid)	20,251	21,466	22,969	24,577	26,297	28,138	30,389	32,820	35,446	38,281	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>20,251</b>	<b>21,466</b>	<b>22,969</b>	<b>24,577</b>	<b>26,297</b>	<b>28,138</b>	<b>30,389</b>	<b>32,820</b>	<b>35,446</b>	<b>38,281</b>	

Franchise Coverage:

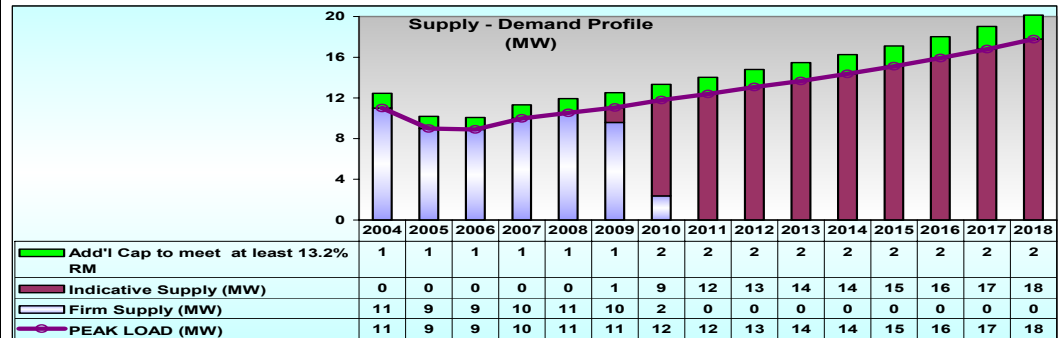
Municipalities of Almeria, Biliran, Cabucgayan, Caibiran, Culaba, Kawayan and Naval

## Don Orestes Romualdez Electric Cooperative, Inc. (DORELCO)

General Information	
Location	Brgy. San Roque, Tolosa, Leyte
Contact Person	Atty. Emmanuel P. Sano
Position	General Manager
Tel. No:	(053) 322-7103
Fax No:	(053) 322-7103
E-mail Address	dorelco_mail@yahoo.com
Coverage Area	
No. of barangays	499
Franchise Population	

**SUPPLY HIGHLIGHTS**

NPC remains to be the major source of power in the absence of alternative supplies. The EC shall renew its TSC with NPC. The mandated 10% supply will be subjected to an annual renewal due to lack of power source in Eastern Visayas until WESM shall be available. Embedded renewable energy source will be pursued such as Bito River and Marabong River systems. The urgent need to provide an additional substation due to the 80% loading of the 10 MVA substation which requires additional capacity of 5 MVA.

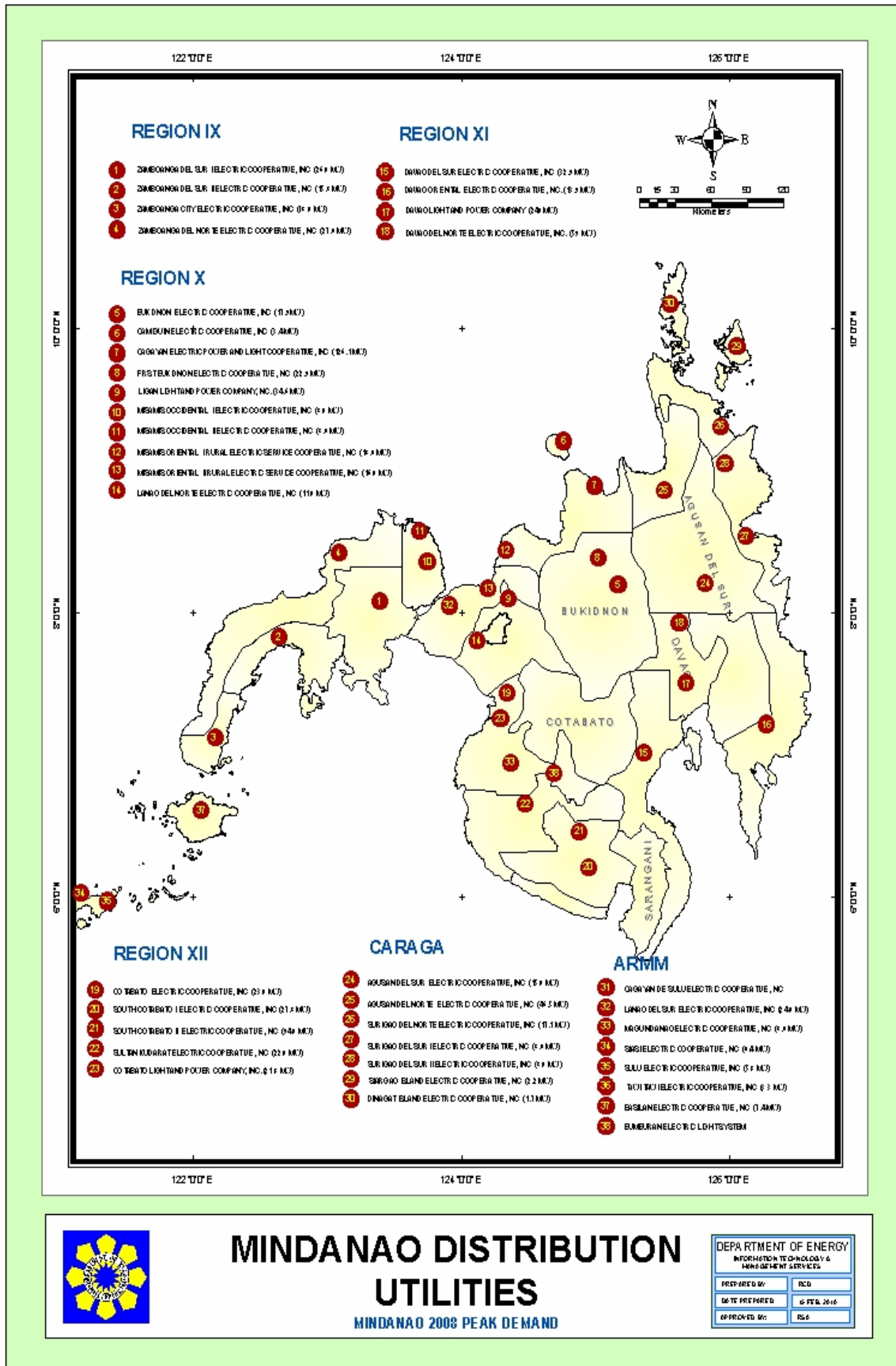


No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	44,732	46,949	48,804	50,818	52,832	54,566	56,455	58,347	60,332	62,642	4%
Commercial	1,583	1,592	1,602	1,613	1,624	1,637	1,651	1,665	1,681	1,697	1%
Industrial	2	2	2	3	3	3	3	3	3	3	3%
Others	1,065	1,091	1,118	1,153	1,179	1,189	1,194	1,197	1,199	1,202	2%
<b>Total</b>	<b>47,383</b>	<b>49,634</b>	<b>51,526</b>	<b>53,587</b>	<b>55,638</b>	<b>57,394</b>	<b>59,303</b>	<b>61,211</b>	<b>63,215</b>	<b>65,544</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	27,973	31,090	33,391	35,887	37,896	40,019	42,355	44,835	47,533	50,673	7%
Commercial	5,493	5,729	5,978	6,224	6,353	6,497	6,650	6,812	6,984	7,170	3%
Industrial	10,614	11,145	11,702	12,441	13,031	13,688	14,377	15,099	15,857	16,652	5%
Others	3,543	3,714	3,899	4,109	4,332	4,573	4,828	5,107	5,425	5,773	8%
<b>Total</b>	<b>47,624</b>	<b>51,678</b>	<b>54,969</b>	<b>58,660</b>	<b>61,612</b>	<b>64,776</b>	<b>68,210</b>	<b>71,854</b>	<b>75,798</b>	<b>80,268</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	53	29	40	21	22						165
<i>Expansion(ckt-km)</i>	28	9	20	16	22						95
<i>Rehabilitation(ckt-km)</i>	24	21	20	5							70
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	42	33	30	23	19						148
<i>Expansion</i>	23	10	15	17	19						84
<i>Rehabilitation</i>	19	23	15	6							64
Substation Projects	19			1							19
Electrification Projects	15	10	7	7	16	6	6	6	7	8	89
<b>Total</b>	<b>76</b>	<b>43</b>	<b>38</b>	<b>31</b>	<b>35</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>256</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	477	477	477	477	477	477	477	477	477	477	
No. of Barangays Electrified (Off-Grid)	22	22	22	22	22	22	22	22	22	22	
<b>Total</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	<b>499</b>	
<b>Household Level (%)</b>	<b>57%</b>	<b>58%</b>	<b>59%</b>	<b>60%</b>	<b>61%</b>	<b>62%</b>	<b>64%</b>	<b>65%</b>	<b>66%</b>	<b>68%</b>	
No. of Households Electrified (On-Grid)	44,248	46,018	47,491	49,010	50,579	52,197	53,972	55,807	57,760	60,071	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,248</b>	<b>46,018</b>	<b>47,491</b>	<b>49,010</b>	<b>50,579</b>	<b>52,197</b>	<b>53,972</b>	<b>55,807</b>	<b>57,760</b>	<b>60,071</b>	

Franchise Coverage:

13 municipalities namely: Abuyog, Burauen, Dagami, Dulag, Javier, Julita, La Paz, Macarthur, Mahaplag, Mayorga, Tabon, Tanauan, and Tolosa.

**MINDANAO  
ONE-PAGE DDP  
SUMMARY**



# MINDANAO DISTRIBUTION UTILITIES

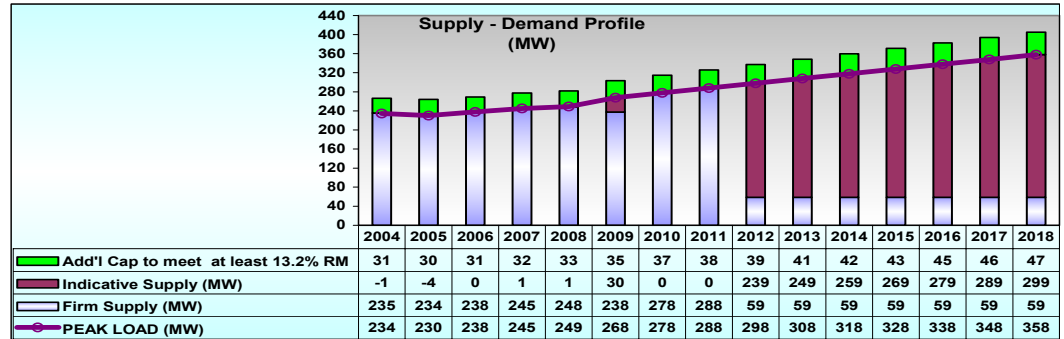
MINDANAO 2008 PEAK DEMAND

DEPARTMENT OF ENERGY INFORMATION TECHNOLOGY & MANAGEMENT SERVICES	
PREPARED BY:	RCO
DATE PREPARED:	6 FEB 2016
APPROVED BY:	RCO

**MINDANAO  
PRIVATE INVESTOR-OWNED  
UTILITIES**

## Davao Light & Power Co., Inc (DLPC)

General Information	
Location	Davao City
Contact Person	Mark A. Valencia
Position	AVP-Engineering
Tel. No:	(082)-229-3572
Fax No:	(082)-226-3164
E-mail Address	mark.valencia@aboitiz.com
Coverage Area	
No. of barangays	266
Franchise Population	
SUPPLY HIGHLIGHTS	



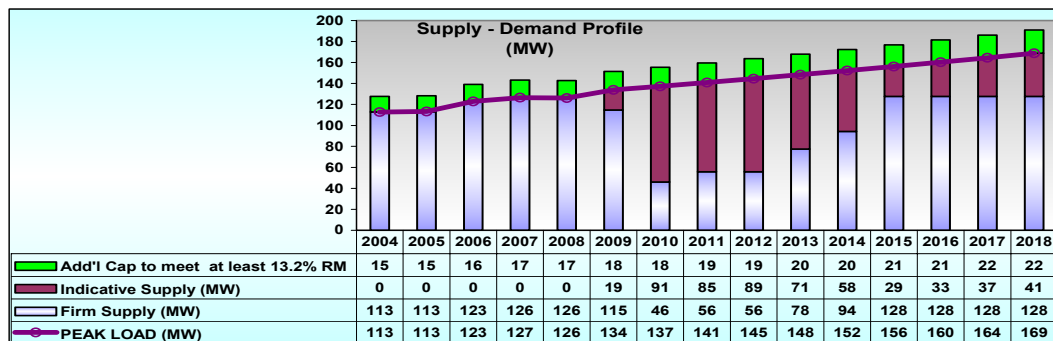
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	231,776	240,575	249,708	259,189	269,029	279,242	289,844	300,848	312,269	324,125	4%
Commercial	31,374	32,080	32,803	33,541	34,297	35,069	35,858	36,666	37,491	38,336	2%
Industrial	3,079	3,126	3,173	3,221	3,270	3,320	3,370	3,421	3,473	3,526	2%
Others	86	86	86	86	86	86	86	86	86	86	0%
<b>Total</b>	<b>266,314</b>	<b>275,867</b>	<b>285,770</b>	<b>296,037</b>	<b>306,681</b>	<b>317,717</b>	<b>329,158</b>	<b>341,021</b>	<b>353,320</b>	<b>366,072</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	482,007	497,156	512,306	527,456	542,605	557,755	572,905	588,054	603,204	618,354	3%
Commercial	191,971	199,297	206,623	213,949	221,276	228,602	235,928	243,254	250,581	257,907	4%
Industrial	747,186	778,062	808,938	839,814	870,691	901,567	932,443	963,320	994,196	1,025,072	4%
Others	28,182	28,577	28,972	29,367	29,762	30,157	30,552	30,947	31,342	31,737	1%
<b>Total</b>	<b>1,449,345</b>	<b>1,503,092</b>	<b>1,556,839</b>	<b>1,610,587</b>	<b>1,664,334</b>	<b>1,718,081</b>	<b>1,771,828</b>	<b>1,825,575</b>	<b>1,879,322</b>	<b>1,933,070</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	24	28	26	26	26	30	26	26	26	26	261
<i>Expansion(ckt-km)</i>	8	14	17	23	18	15	15	15	15	15	153
<i>Rehabilitation(ckt-km)</i>	16	13	9	3	8	16	11	11	11	11	108
Substation Capacity (MVA)		33	33	33	12	20					131
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	38	49	50	52	53	57	50	50	50	50	498
<i>Expansion</i>	12	25	33	46	36	28	29	29	29	29	296
<i>Rehabilitation</i>	26	24	17	5	17	30	21	21	21	21	203
Substation Projects		32	50	43	46	55					226
Electrification Projects	15	19	18	10	11	5	5	5	5	5	99
<b>Total</b>	<b>53</b>	<b>100</b>	<b>119</b>	<b>105</b>	<b>111</b>	<b>117</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>55</b>	<b>824</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	255	259	263	266	266	266	266	266	266	266	
No. of Barangays Electrified (Off-Grid)	11	7	3								
<b>Total</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	<b>266</b>	
<b>Household Level (%)</b>	<b>97%</b>	<b>98%</b>	<b>98%</b>	<b>99%</b>	<b>100%</b>	<b>100%</b>	<b>101%</b>	<b>101%</b>	<b>102%</b>	<b>102%</b>	
No. of Households Electrified (On-Grid)	289,305	291,078	292,904	294,739	296,449	298,169	299,900	301,640	303,390	305,151	
No. of Households Electrified (Off-Grid)	366	272	135								
<b>Total</b>	<b>289,671</b>	<b>291,350</b>	<b>293,039</b>	<b>294,739</b>	<b>296,449</b>	<b>298,169</b>	<b>299,900</b>	<b>301,640</b>	<b>303,390</b>	<b>305,151</b>	

Franchise Coverage:

The whole of Davao City, Panabo City, municipalities of Carmen, Sto Tomas, and Dujali in Davao del Norte

## Cagayan Electric Power & Light Co., Inc. (CEPALCO)

General Information	
Location	44 T. Chaves St., Cagayan De Oro City
Contact Person	David A. Tauli
Position	Senior Vice President
Tel. No:	(08822) 72-23-72
Fax No:	(08822) 72-60-19
E-mail Address	datauli@cepalco.com.ph
Coverage Area	
No. of barangays	100
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	92,963	97,229	101,677	106,334	111,204	116,297	121,623	127,194	133,019	139,112	4%
Commercial	18,714	19,465	20,172	20,327	20,484	20,642	20,801	20,961	21,122	21,285	2%
Industrial	136	141	147	152	158	164	170	176	183	190	4%
Others	182	190	186	195	204	213	223	234	244	256	4%
<b>Total</b>	<b>111,995</b>	<b>117,026</b>	<b>122,182</b>	<b>127,008</b>	<b>132,049</b>	<b>137,316</b>	<b>142,817</b>	<b>148,564</b>	<b>154,569</b>	<b>160,842</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	174,978	182,883	191,144	183,782	188,614	193,572	198,660	203,882	209,242	214,742	3%
Commercial	139,490	145,916	152,678	156,486	160,600	164,822	169,154	173,601	178,164	182,848	3%
Industrial	148,936	150,189	151,445	147,421	151,296	155,273	159,355	163,544	167,843	172,256	2%
Others	240,457	243,113	245,793	270,899	278,020	285,329	292,829	300,527	308,427	316,535	4%
<b>Total</b>	<b>703,861</b>	<b>722,101</b>	<b>741,060</b>	<b>758,588</b>	<b>778,530</b>	<b>798,995</b>	<b>819,999</b>	<b>841,555</b>	<b>863,677</b>	<b>886,381</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	126	24	27	18	15	15	15	15	15	15	288
Expansion(ckt-km)	108	24	27	18	15	15	15	15	15	15	271
Rehabilitation(ckt-km)	18										18
Substation Capacity (MVA)	20	10	5	20		20		20			95
Reactive Power Compensation Plan (MVAr)	12		3	3							18
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	123	17	17	17	17	17	17	17	17	17	276
Expansion	106	17	17	17	17	17	17	17	17	17	259
Rehabilitation	17										17
Substation Projects	146			79		79		79		79	462
Electrification Projects	98	91	96	100	105	111	116	122	128	135	1,102
<b>Total</b>	<b>367</b>	<b>108</b>	<b>113</b>	<b>196</b>	<b>123</b>	<b>207</b>	<b>133</b>	<b>218</b>	<b>145</b>	<b>231</b>	<b>1,841</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	95	95	95	95	95	95	95	95	95	95	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	<b>95</b>	
<b>Household Level (%)</b>	<b>87%</b>	<b>91%</b>	<b>95%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Households Electrified (On-Grid)	92,963	97,229	101,677	106,334	111,204	116,297	121,623	127,194	133,019	139,112	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>92,963</b>	<b>97,229</b>	<b>101,677</b>	<b>106,334</b>	<b>111,204</b>	<b>116,297</b>	<b>121,623</b>	<b>127,194</b>	<b>133,019</b>	<b>139,112</b>	

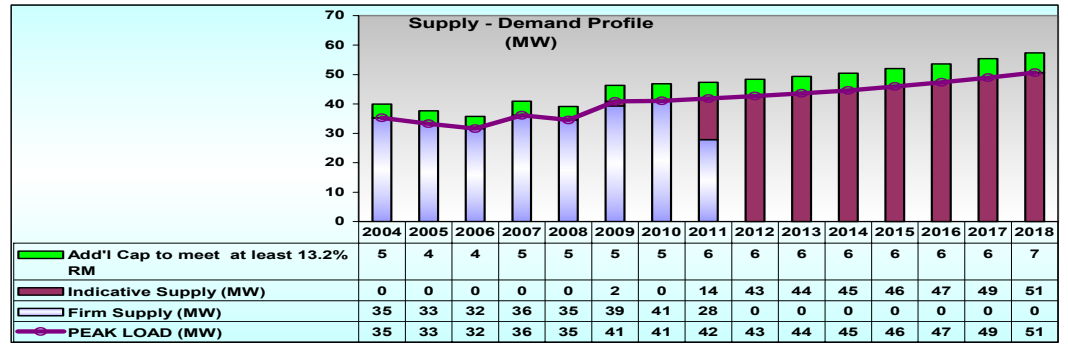
**Franchise Coverage:**

The franchise area covers Cagayan de Oro City and the municipalities of Tagoloan, Villanueva and Jasaan. Some barangays in Cagayan De Oro were waived to MORESCO I, and some barangays in Jasaan are served by MORESCO II.



## Iligan Light & Power, Inc. (ILPI)

General Information	
Location	Bro. Jeffrey Rd., Pala-o, Iligan City
Contact Person	Engr. Lorimer T. Abejuela
Position	Manager, Transmission and Distribution
Tel. No:	(063) 221-4900-01/221-5707-09
Fax No:	(063) 221-4903
E-mail Address	www.iliganlight.com
Coverage Area	775 sq. kms.
No. of barangays	44
Franchise Population	285,061
SUPPLY HIGHLIGHTS	



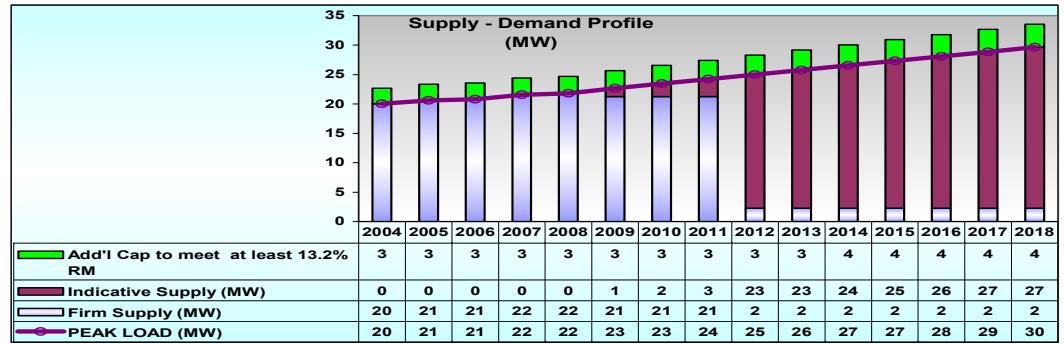
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	40,362	41,387	42,437	43,514	44,618	45,750	46,911	48,102	49,323	50,574	3%
Commercial	7,103	7,062	7,022	6,983	6,943	7,121	7,303	7,489	7,679	7,876	1%
Industrial	33	33	33	33	33	33	33	33	33	33	18%
Others	7	7	7	7	7	7	7	7	7	7	2%
<b>Total</b>	<b>47,505</b>	<b>48,489</b>	<b>49,499</b>	<b>50,537</b>	<b>51,601</b>	<b>52,911</b>	<b>54,254</b>	<b>55,631</b>	<b>57,042</b>	<b>58,490</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	72,597	74,077	75,536	77,026	78,595	80,293	82,170	84,277	86,662	89,376	3%
Commercial	67,039	68,792	70,573	72,397	74,279	76,236	78,281	80,432	82,703	85,109	3%
Industrial	6,398	6,328	6,311	6,353	6,459	6,635	6,885	7,216	7,632	8,139	1%
Others	29,389	30,759	32,197	33,723	35,357	37,120	39,031	41,114	43,387	45,874	6%
<b>Total</b>	<b>175,423</b>	<b>179,956</b>	<b>184,618</b>	<b>189,499</b>	<b>194,690</b>	<b>200,283</b>	<b>206,368</b>	<b>213,038</b>	<b>220,384</b>	<b>228,499</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	80	36	41	37	32	8	8	8	6		257
<i>Expansion(ckt-km)</i>	48		8	8	4	2	2	2			74
<i>Rehabilitation(ckt-km)</i>	32	36	33	29	29	6	6	6	6		184
Substation Capacity (MVA)	35	30							5		70
Reactive Power Compensation Plan (MVAR)	2	3	5	3	2	1	1	1	1		19
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	52	8	28	11	6	9	9	9	3		133
<i>Expansion</i>	31		5	2	1	2	2	2			46
<i>Rehabilitation</i>	21	8	23	9	6	7	7	7	3		88
Substation Projects	45	24							0		69
Electrification Projects	98	32	28	11	6	9	9	9	22		222
<b>Total</b>	<b>195</b>	<b>63</b>	<b>56</b>	<b>22</b>	<b>12</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>24</b>		<b>424</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	42	42	42	42	42	42	42	42	42	42	
No. of Barangays Electrified (Off-Grid)	2	2	2	2	2	2	2	2	2	2	
<b>Total</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	<b>44</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	<b>78%</b>	<b>80%</b>	<b>82%</b>	<b>84%</b>	<b>86%</b>	<b>88%</b>	
No. of Households Electrified (On-Grid)	40,155	41,172	42,214	43,282	44,378	45,501	46,652	47,834	49,055	50,295	
No. of Households Electrified (Off-Grid)	207.49	215.27	223.33	231.70	240.38	249.38	258.73	268.42	268.42	279.15	
<b>Total</b>	<b>40,362</b>	<b>41,387</b>	<b>42,437</b>	<b>43,514</b>	<b>44,618</b>	<b>45,750</b>	<b>46,911</b>	<b>48,102</b>	<b>49,323</b>	<b>50,574</b>	

Franchise Coverage:

Iligan City

## Cotabato Light And Power Company, Inc. (COLIGHT)

General Information	
Location	Sinsuat Avenue, Cotabato City
Contact Person	Engr. Virmel M. Dabon
Position	Engineering Group Manager
Tel. No:	(064) 421-2173
Fax No:	(064) 421-5273
E-mail Address	ViDabon@aboitiz.com
Coverage Area	
No. of barangays	69
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	26,761	27,523	28,285	29,047	29,808	30,570	31,332	32,094	32,856	33,617	3%
Commercial	2,344	2,356	2,367	2,379	2,390	2,402	2,413	2,425	2,436	2,448	0%
Industrial	364	370	370	373	376	379	382	385	388	391	1%
Others	35	39	43	47	51	55	59	63	67	71	10%
<b>Total</b>	<b>29,505</b>	<b>30,285</b>	<b>31,065</b>	<b>31,845</b>	<b>32,625</b>	<b>33,406</b>	<b>34,186</b>	<b>34,966</b>	<b>35,746</b>	<b>36,526</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	53,129	54,710	56,292	57,873	59,454	61,035	62,616	64,198	65,779	67,360	3%
Commercial	15,158	16,040	16,921	17,803	18,684	19,566	20,448	21,329	22,211	23,092	5%
Industrial	56,296	58,365	60,433	62,502	64,570	66,639	68,707	70,776	72,844	74,913	3%
Others	4,259	4,387	4,515	4,642	4,770	4,897	5,025	5,153	5,280	5,408	3%
<b>Total</b>	<b>128,843</b>	<b>133,502</b>	<b>138,161</b>	<b>142,820</b>	<b>147,478</b>	<b>152,137</b>	<b>156,796</b>	<b>161,455</b>	<b>166,114</b>	<b>170,773</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	4	4	4	4	4	4	4	4	4	4	36
<i>Expansion(ckt-km)</i>	4	4	4	4	4	4	4	4	4	4	36
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)	10	10									20
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities											
<i>Expansion</i>											
<i>Rehabilitation</i>											
Substation Projects											
Electrification Projects											
<b>Total</b>											
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	69	69	69	69	69	69	69	69	69	69	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	<b>69</b>	
Household Level (%)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
No. of Households Electrified (On-Grid)	29,650	30,281	30,913	31,544	32,175	32,807	33,438	34,070	34,701	35,332	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>29,650</b>	<b>30,281</b>	<b>30,913</b>	<b>31,544</b>	<b>32,175</b>	<b>32,807</b>	<b>33,438</b>	<b>34,070</b>	<b>34,701</b>	<b>35,332</b>	

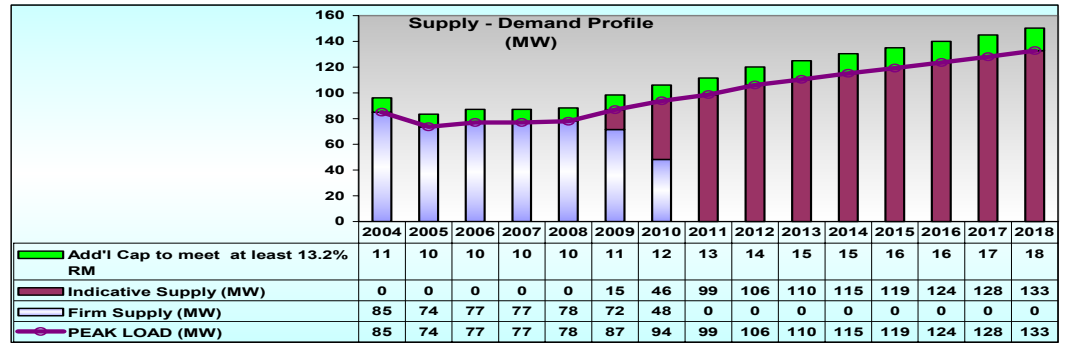
Franchise Coverage:

Cotabato City and portion of Municipalities of Dinaig and Sultan Kudarat, Maguidanao Province

# REGION 9 ELECTRIC COOPERATIVES

## Zamboanga City Electric Cooperative, Inc. (ZAMCELCO)

General Information	
Location	Maria Clara Lobregat Highway, Putik Main Office
Contact Person	Reinerio R. Ramos
Position	General Manager
Tel. No:	(062) 991-2117 / 7676 / 0588 / 5316 993-2873
Fax No:	(062) 992-4130 / 991-3877
E-mail Address	zamcelco@pltdsl.net
Coverage Area	
No. of barangays	94
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract (TSC) with NPC will expire on August 25, 2010.	



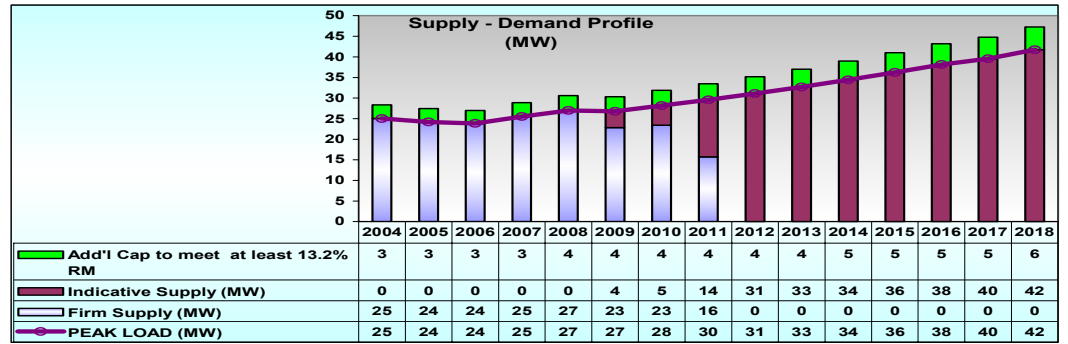
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	83,591	87,439	91,179	94,735	97,962	101,301	104,757	108,333	112,034	115,865	4%
Commercial	7,808	7,938	7,983	8,024	8,063	8,103	8,144	8,184	8,225	8,266	1%
Industrial	175	180	181	182	182	183	184	185	186	187	1%
Others	1,664	1,681	1,696	1,699	1,701	1,701	1,701	1,702	1,702	1,703	0.5%
<b>Total</b>	<b>93,238</b>	<b>97,238</b>	<b>101,039</b>	<b>104,640</b>	<b>107,908</b>	<b>111,289</b>	<b>114,786</b>	<b>118,404</b>	<b>122,147</b>	<b>126,020</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	157,686	166,403	175,524	185,143	193,411	202,053	211,086	220,528	230,396	240,711	5%
Commercial	108,925	118,827	127,766	134,810	142,205	150,011	158,250	166,944	176,118	185,798	6%
Industrial	70,073	75,001	79,078	83,390	86,273	89,258	92,349	95,548	98,858	102,285	5%
Others	132,642	148,134	153,003	173,813	179,866	186,184	188,246	190,350	192,496	194,685	11%
<b>Total</b>	<b>469,326</b>	<b>508,364</b>	<b>535,372</b>	<b>577,156</b>	<b>601,754</b>	<b>627,506</b>	<b>649,931</b>	<b>673,369</b>	<b>697,868</b>	<b>723,479</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	42	35	13	6							97
<i>Expansion(ckt-km)</i>	33	19	10								62
<i>Rehabilitation(ckt-km)</i>	9	16	4	6							35
Substation Capacity (MVA)	10				10						20
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	261	92	108	71	96						628
<i>Expansion</i>	205	50	78								333
<i>Rehabilitation</i>	56	42	29	71	96						295
Substation Projects	27	0.2			24						52
Electrification Projects	95	49	49	45	64	21	24	18	24	19	408
<b>Total</b>	<b>384</b>	<b>141</b>	<b>156</b>	<b>116</b>	<b>185</b>	<b>21</b>	<b>24</b>	<b>18</b>	<b>24</b>	<b>19</b>	<b>1,088</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	90	90	90	90	90	90	90	90	90	90	
No. of Barangays Electrified (Off-Grid)	4	4	4	4	4	4	4	4	4	4	
<b>Total</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	<b>94</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>66%</b>	<b>67%</b>	<b>69%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	<b>76%</b>	
No. of Households Electrified (On-Grid)	82,014	85,295	88,707	92,255	95,484	98,826	102,285	105,865	109,570	113,405	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>82,014</b>	<b>85,295</b>	<b>88,707</b>	<b>92,255</b>	<b>95,484</b>	<b>98,826</b>	<b>102,285</b>	<b>105,865</b>	<b>109,570</b>	<b>113,405</b>	

Franchise Coverage:

Zamboanga City

## Zamboanga Del Norte Electric Cooperative, Inc. (ZANECO)

General Information	
Location	Dipolog City
Contact Person	Adelmo P. Laput
Position	General Manager
Tel. No:	(065) 212-3445
Fax No:	(065) 212-3345
E-mail Address	zanecofsd@yahoo.com
Coverage Area	5,267.73 sq.km.
No. of barangays	585
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC GenCo contract starts Sept. 2008 and due on Aug. 2011.	



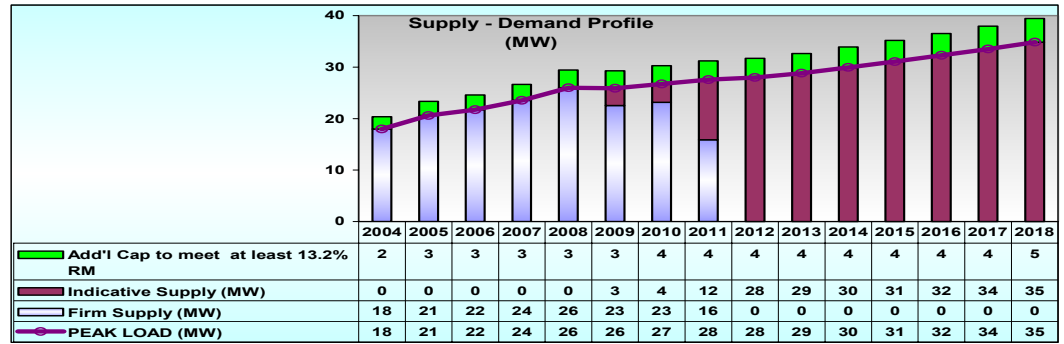
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	70,084	74,644	78,343	85,313	89,454	93,609	97,976	102,566	107,389	112,459	5%
Commercial	4,007	4,341	4,473	4,726	4,974	5,219	5,478	5,752	6,040	6,343	5%
Industrial	493	503	514	524	534	545	555	566	576	587	2%
Others	2,956	3,064	3,064	3,064	3,064	3,064	3,064	3,064	3,064	3,064	1%
<b>Total</b>	<b>77,540</b>	<b>82,552</b>	<b>86,393</b>	<b>93,627</b>	<b>98,027</b>	<b>102,437</b>	<b>107,074</b>	<b>111,947</b>	<b>117,069</b>	<b>122,452</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	68,411	72,470	76,898	81,662	86,745	92,163	97,955	104,145	110,760	117,832	6%
Commercial	16,908	18,112	19,404	20,790	22,275	23,863	25,567	27,394	29,356	31,460	7%
Industrial	18,935	19,683	20,453	21,246	22,063	22,904	23,770	24,662	25,580	26,526	4%
Others	18,591	19,351	19,722	20,101	20,486	20,878	21,168	21,464	21,766	22,073	7%
<b>Total</b>	<b>122,845</b>	<b>129,616</b>	<b>136,476</b>	<b>143,798</b>	<b>151,569</b>	<b>159,808</b>	<b>168,460</b>	<b>177,665</b>	<b>187,462</b>	<b>197,891</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	135	338	267	80							820
<i>Expansion(ckt-km)</i>	62	210	199	44							514
<i>Rehabilitation(ckt-km)</i>	73	129	68	36							306
Substation Capacity (MVA)	20		5		5						30
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	54	169	114	46	0.02	0.02	0.02	0.02	0.02	0.02	383
<i>Expansion</i>	24	105	85	25							239
<i>Rehabilitation</i>	29	64	29	21	0.02	0.02	0.02	0.02	0.02	0.02	143
Substation Projects	30		18		18						66
Electrification Projects	13	20	19	29	17	29	17	31	19	32	225
<b>Total</b>	<b>96</b>	<b>189</b>	<b>151</b>	<b>75</b>	<b>35</b>	<b>29</b>	<b>17</b>	<b>31</b>	<b>19</b>	<b>32</b>	<b>674</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	580	580	580	580	580	580	580	580	580	580	
No. of Barangays Electrified (Off-Grid)	5	5	5	5	5	5	5	5	5	5	
<b>Total</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	<b>585</b>	
<b>Household Level (%)</b>	<b>30%</b>	<b>30%</b>	<b>31%</b>	<b>31%</b>	<b>31%</b>	<b>31%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>33%</b>	
No. of Households Electrified (On-Grid)	69,813	73,303	76,968	80,817	84,858	89,101	93,556	98,233	103,145	108,302	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>69,813</b>	<b>73,303</b>	<b>76,968</b>	<b>80,817</b>	<b>84,858</b>	<b>89,101</b>	<b>93,556</b>	<b>98,233</b>	<b>103,145</b>	<b>108,302</b>	

Franchise Coverage:

2 Cities and 21 Municipalities (Dapitan City, La Libertad, Mutia, Pinan, Polanco, Rizal, Sergio Osmena, Sibutad, Dipolog City, Jose Dalman, Katipunan, Manukan, Pres. M.A. Roxas, Siayan, Sindangan, Bacungan, Godod, Gutalac, Kalawit, Labason, Liloy, Salug and Tampilisan)

## Zamboanga Del Sur I Electric Cooperative, Inc. (ZAMSURECO I)

General Information	
Location	JS Alano St., Pagadian City
Contact Person	Jose Raul A. Saniel
Position	General Manager
Tel. No:	214-3536
Fax No:	214-1880
E-mail Address	jrsaniel@yahoo.com
Coverage Area	
No. of barangays	629
Franchise Population	
SUPPLY HIGHLIGHTS	
ZAMSURECO I has scheduled Detailed Engineering Study (DES) for the construction of Mini-hydroelectric power plant at Dawa, Josefina, Zamboanga del Sur. ZAMSURECO I plans to construct a new 10 MVA power substation at Pagadian City. TSC is until 2011.	



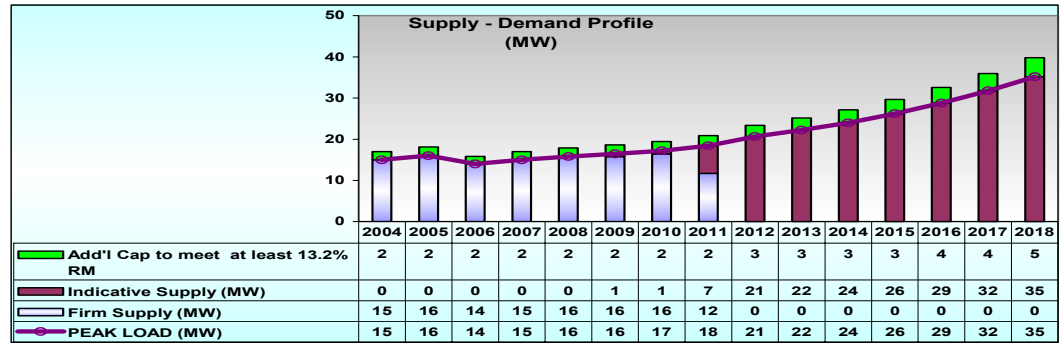
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	69,138	72,604	76,242	80,063	84,073	88,284	92,705	97,346	102,219	107,335	5%
Commercial	5,657	5,714	5,771	5,828	5,887	5,946	6,005	6,065	6,126	6,187	1%
Industrial	183	185	187	189	190	192	194	196	198	200	1%
Others	5,493	5,508	5,509	5,511	5,512	5,514	5,515	5,517	5,518	5,520	0.2%
<b>Total</b>	<b>80,471</b>	<b>84,010</b>	<b>87,709</b>	<b>91,590</b>	<b>95,663</b>	<b>99,935</b>	<b>104,419</b>	<b>109,124</b>	<b>114,061</b>	<b>119,242</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	62,009	65,143	68,435	71,893	75,526	79,343	83,352	87,564	91,989	96,637	5%
Commercial	36,304	37,401	38,530	39,694	40,892	42,127	43,400	44,710	46,061	47,452	6%
Industrial	15,524	16,463	17,292	17,989	18,533	19,092	19,669	20,263	20,875	21,505	4%
Others	18,560	18,763	18,970	19,191	19,429	19,685	19,960	20,255	20,573	20,915	2%
<b>Total</b>	<b>132,397</b>	<b>137,769</b>	<b>143,227</b>	<b>148,768</b>	<b>154,381</b>	<b>160,248</b>	<b>166,381</b>	<b>172,793</b>	<b>179,497</b>	<b>186,508</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	20	38									57
Expansion(ckt-km)	2										2
Rehabilitation(ckt-km)	18	38									55
Substation Capacity (MVA)	10	5					5	5			25
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	62	54	16	18	18	15	15	15	15	15	242
Expansion	7										7
Rehabilitation	55	54	16	18	18	15	15	15	15	15	236
Substation Projects	24	18					18	18			78
Electrification Projects	58	26	23	14	19	15	21	17	21	22	236
<b>Total</b>	<b>144</b>	<b>98</b>	<b>39</b>	<b>32</b>	<b>37</b>	<b>30</b>	<b>54</b>	<b>50</b>	<b>36</b>	<b>37</b>	<b>556</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	568	568	568	568	568	568	568	568	568	568	
No. of Barangays Electrified (Off-Grid)	61	61	61	61	61	61	61	61	61	61	
<b>Total</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	<b>629</b>	
<b>Household Level (%)</b>	<b>25%</b>	<b>26%</b>	<b>27%</b>	<b>28%</b>	<b>29%</b>	<b>31%</b>	<b>32%</b>	<b>33%</b>	<b>34%</b>	<b>35%</b>	
No. of Households Electrified (On-Grid)	69,128	72,584	76,213	80,024	84,025	88,227	92,638	97,270	102,133	107,240	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>69,128</b>	<b>72,584</b>	<b>76,213</b>	<b>80,024</b>	<b>84,025</b>	<b>88,227</b>	<b>92,638</b>	<b>97,270</b>	<b>102,133</b>	<b>107,240</b>	

Franchise Coverage:

Municipalities of Aurora, Dumingag, Josefina, Labangan, Mahayag, Midsalip, Molave, Pagadian City, Ramon Magsaysay, Sominot, Tambulig, Tukuran, Dimataling, Dinas, Dumatinao, Guipos, Lapuyan, Margosatubig, Pitogo, San Miguel, San Pablo, Tabina, Tigbao, Vincenzo Sagun and the Municipality of Don Victoriano Chiongbian, Misamis Occidental.

## Zamboanga del Sur II Electric Cooperative, Inc. (ZAMSURECO II)

General Information	
Location	Pangi, Ipil, Zamboanga Sibugay
Contact Person	Engr. Jesus Y. Castro
Position	General Manager
Tel. No:	(062) 333-2416
Fax No:	(062) 333-2416
E-mail Address	zamsureco2@yahoo.com
Coverage Area	
No. of barangays	558
Franchise Population	
SUPPLY HIGHLIGHTS	
ZAMSURECO II intends to replace the existing 5 MVA transformer with a 3.5 MVA at the Sirawai Substation. The downgrading in the capacity of this substation is needed to complement its inadequate load. Likewise, the transfer and installation of pulled-out 5MVA from Pangi shall be installed at Imelda Substation for capacity build up from 5MVA to additional of 5MVA.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	66,809	74,330	82,301	90,744	99,661	109,129	117,005	125,527	134,746	144,722	9%
Commercial	5,908	6,699	7,541	8,453	9,440	10,511	11,491	12,572	13,767	15,086	11%
Industrial	654	654	654	654	654	654	654	654	654	654	0%
Others	3,494	3,564	3,636	3,710	3,783	3,858	3,882	3,908	3,937	3,967	2%
<b>Total</b>	<b>76,864</b>	<b>85,246</b>	<b>94,132</b>	<b>103,561</b>	<b>113,538</b>	<b>124,152</b>	<b>133,032</b>	<b>142,661</b>	<b>153,104</b>	<b>164,430</b>	<b>9%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	37,961	41,854	46,458	51,934	57,753	64,067	72,181	81,625	92,547	105,188	11%
Commercial	10,443	10,858	11,361	11,972	12,705	13,579	14,577	15,755	17,142	18,772	7%
Industrial	17,534	18,007	18,511	19,067	19,658	20,306	20,997	21,753	22,558	23,437	3%
Others	7,007	7,425	8,277	12,336	12,967	13,655	14,297	15,003	15,781	16,641	12%
<b>Total</b>	<b>72,944</b>	<b>78,144</b>	<b>84,608</b>	<b>95,309</b>	<b>103,084</b>	<b>111,607</b>	<b>122,051</b>	<b>134,136</b>	<b>148,028</b>	<b>164,038</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	107	58	80	15							260
<i>Expansion(ckt-km)</i>	97										97
<i>Rehabilitation(ckt-km)</i>	10	58	80	15							163
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	108	20	21	15	15						178
<i>Expansion</i>	98										98
<i>Rehabilitation</i>	10	20	21	15	15						80
Substation Projects	36										36
Electrification Projects	56	30	39	40	49	51	53	56	58	61	493
<b>Total</b>	<b>200</b>	<b>50</b>	<b>60</b>	<b>55</b>	<b>64</b>	<b>51</b>	<b>53</b>	<b>56</b>	<b>58</b>	<b>61</b>	<b>707</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	
No of Barangays Electrified (On-Grid)	465	464	464	464	464	464	464	464	464	464	
No. of Barangays Electrified (Off-Grid)	76	76	76	76	76	76	76	76	76	76	
<b>Total</b>	<b>541</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	<b>540</b>	
<b>Household Level (%)</b>	<b>48%</b>	<b>51%</b>	<b>55%</b>	<b>59%</b>	<b>62%</b>	<b>67%</b>	<b>71%</b>	<b>76%</b>	<b>81%</b>	<b>87%</b>	
No. of Households Electrified (On-Grid)	64,720	70,052	75,834	82,088	88,816	96,096	103,972	112,493	121,713	131,689	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>64,720</b>	<b>70,052</b>	<b>75,834</b>	<b>82,088</b>	<b>88,816</b>	<b>96,096</b>	<b>103,972</b>	<b>112,493</b>	<b>121,713</b>	<b>131,689</b>	

Franchise Coverage:

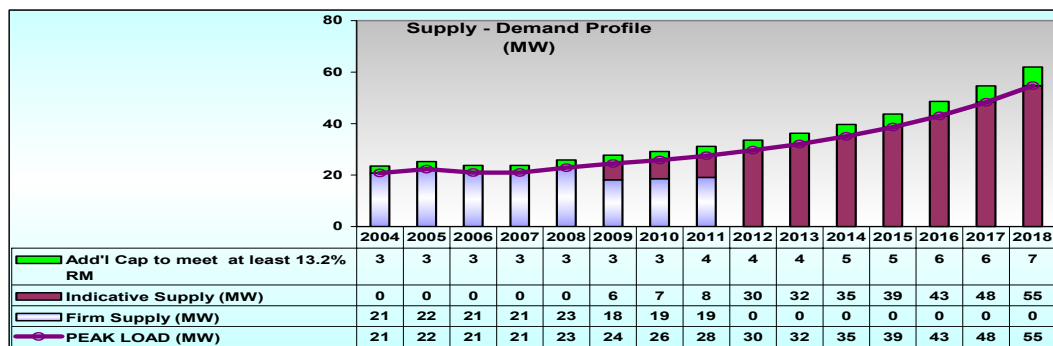
19 Municipalities (Bayog, Kumalarang, Lakewood, Alicia, Buug, Diplahan, Imelda, Ipil, Kabasalan, Roseller Lim, Mabuhay, Malangas, Naga, Olutanga, Payao, Siay, Talusan, Titay and Tungawan) and 4 Municipalities in Zamboanga del Norte (Baliguian, Sibuco, Siocon and Siraway)

# REGION 10 ELECTRIC COOPERATIVES



## First Bukidnon Electric Cooperative, Inc. (FIBECO)

General Information	
Location	Anahawon, Maramag, Bukidnon
Contact Person	Engr. Renato S. Cortezano
Position	Officer-in-Charge
Tel. No:	(088) 356-1025
Fax No:	(088) 356-1025
E-mail Address	fibeco_inc_maramag@yahoo.com.ph
Coverage Area	
No. of barangays	300
Franchise Population	
SUPPLY HIGHLIGHTS	
Transition Supply Contract of FIBECO with NPC ended July 2008, and was directly treated as Bilateral Contract until 2015	



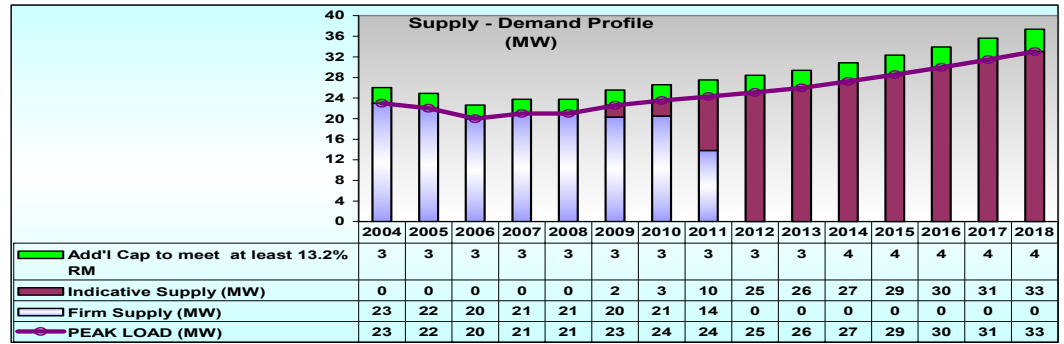
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	81,519	84,042	86,542	89,118	91,770	94,503	97,318	100,217	103,204	106,280	3%
Commercial	7,244	7,466	7,683	7,906	8,135	8,372	8,616	8,867	9,126	9,392	3%
Industrial	330	341	350	361	371	382	393	404	416	428	3%
Others	3,232	3,290	3,307	3,325	3,317	3,336	3,356	3,374	3,395	3,416	2%
<b>Total</b>	<b>92,325</b>	<b>95,139</b>	<b>97,883</b>	<b>100,709</b>	<b>103,594</b>	<b>106,593</b>	<b>109,682</b>	<b>112,862</b>	<b>116,140</b>	<b>119,516</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	48,564	50,255	52,149	54,159	55,721	57,921	60,221	62,626	65,139	67,767	4%
Commercial	23,537	24,553	25,597	26,683	27,809	28,986	30,217	31,505	32,853	34,263	4%
Industrial	40,178	45,370	51,643	59,299	68,305	79,811	94,082	111,884	134,219	162,410	16%
Others	7,430	7,486	7,593	7,733	7,869	8,013	8,162	8,316	8,475	8,634	2%
<b>Total</b>	<b>119,709</b>	<b>127,664</b>	<b>136,982</b>	<b>147,873</b>	<b>159,704</b>	<b>174,731</b>	<b>192,683</b>	<b>214,331</b>	<b>240,686</b>	<b>273,074</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	81	51	38	1	4	1					177
Expansion(ckt-km)	59	28	37								124
Rehabilitation(ckt-km)	22	23	1	1	4	1					53
Substation Capacity (MVA)		10	15	10	10	10					55
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	73	115	150	102	103	96	95	95	95	95	1,021
Expansion	53	63	145								261
Rehabilitation	20	52	5	102	103	96	95	95	95	95	759
Substation Projects	24	24	42	24	24	24					138
Electrification Projects	24	19	27	19	25	24	18	16	19	17	208
<b>Total</b>	<b>97</b>	<b>158</b>	<b>219</b>	<b>145</b>	<b>152</b>	<b>144</b>	<b>113</b>	<b>112</b>	<b>114</b>	<b>112</b>	<b>1,367</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	300	300	300	300	300	300	300	300	300	300	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	<b>300</b>	
<b>Household Level (%)</b>	<b>59%</b>	<b>59%</b>	<b>59%</b>	<b>58%</b>	<b>58%</b>	<b>57%</b>	<b>57%</b>	<b>56%</b>	<b>56%</b>	<b>55%</b>	
No. of Households Electrified (On-Grid)	81,155	83,589	86,097	88,680	91,340	94,080	96,903	99,810	102,804	105,888	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>81,155</b>	<b>83,589</b>	<b>86,097</b>	<b>88,680</b>	<b>91,340</b>	<b>94,080</b>	<b>96,903</b>	<b>99,810</b>	<b>102,804</b>	<b>105,888</b>	

**Franchise Coverage:**

Municipalities of San Fernando, Maramag, Quezon, Pangantucan, Kalilangan, Don Carlos, Kibawe, Kitaotao, Dangcagan, Damulog, Kadingilan and City of Valencia in the Province of Bukidnon. Municipalities of Wao and Bumbaran, Lanao del Sur.

## Misamis Occidental II Electric Cooperative, Inc. (MOELCI II)

General Information	
Location	Bitoon, Aguada, Ozamiz City
Contact Person	Jemilo L. Pelimer
Position	General Manager
Tel. No:	(088) 521-1461
Fax No:	(088) 521-1461
E-mail Address	moelci2@yahoo.com
Coverage Area	
No. of barangays	253
Franchise Population	
SUPPLY HIGHLIGHTS	
<p>MOELCI II has renewed the existing its Transition Supply Contract. Rehabilitation and Upgrading of three (3) 10 MVA substations are on-going. MOELCI II will be acquiring 70 kms. of 69 kV transmission lines.</p>	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	46,838	48,508	50,136	51,782	53,383	54,951	56,566	58,230	59,943	61,708	3%
Commercial	2,232	2,255	2,278	2,301	2,324	2,347	2,370	2,394	2,418	2,442	1%
Industrial	93	94	95	96	97	98	99	100	101	102	1%
Others	1,312	1,317	1,317	1,317	1,317	1,318	1,318	1,318	1,318	1,318	0.2%
<b>Total</b>	<b>50,475</b>	<b>52,175</b>	<b>53,826</b>	<b>55,496</b>	<b>57,121</b>	<b>58,713</b>	<b>60,353</b>	<b>62,041</b>	<b>63,780</b>	<b>65,570</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	46,245	48,327	50,506	52,777	55,158	57,647	60,255	62,989	65,855	68,859	5%
Commercial	29,602	31,474	33,464	35,580	37,850	40,265	42,836	45,595	48,533	51,662	6%
Industrial	11,473	12,083	12,726	13,403	14,117	14,868	15,661	16,495	17,375	18,302	5%
Others	15,821	16,208	16,604	17,011	17,428	17,855	18,293	18,742	19,203	19,675	2%
<b>Total</b>	<b>103,141</b>	<b>108,091</b>	<b>113,300</b>	<b>118,771</b>	<b>124,553</b>	<b>130,636</b>	<b>137,045</b>	<b>143,822</b>	<b>150,966</b>	<b>158,498</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	33	10	8	9	3	3	3	4			74
<i>Expansion(ckt-km)</i>	27	6	4	4	1	3	3	4			52
<i>Rehabilitation(ckt-km)</i>	6	4	4	5	2						22
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	80	44	55	45	41	36	36	38	35	35	444
<i>Expansion</i>	64	25	28	20	16	36	36	38			263
<i>Rehabilitation</i>	15	19	28	25	25				35	35	181
Substation Projects	16										16
Electrification Projects	38	20	10	11	10	10	10	11	10	11	143
<b>Total</b>	<b>134</b>	<b>64</b>	<b>65</b>	<b>55</b>	<b>51</b>	<b>46</b>	<b>46</b>	<b>49</b>	<b>45</b>	<b>46</b>	<b>602</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	253	253	253	253	253	253	253	253	253	253	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	<b>253</b>	
<b>Household Level (%)</b>	<b>84%</b>	<b>85%</b>	<b>86%</b>	<b>86%</b>	<b>87%</b>	<b>88%</b>	<b>89%</b>	<b>90%</b>	<b>91%</b>	<b>92%</b>	
No. of Households Electrified (On-Grid)	46,442	47,835	49,270	50,748	52,271	53,839	55,454	57,117	58,831	60,596	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>46,442</b>	<b>47,835</b>	<b>49,270</b>	<b>50,748</b>	<b>52,271</b>	<b>53,839</b>	<b>55,454</b>	<b>57,117</b>	<b>58,831</b>	<b>60,596</b>	

Franchise Coverage:

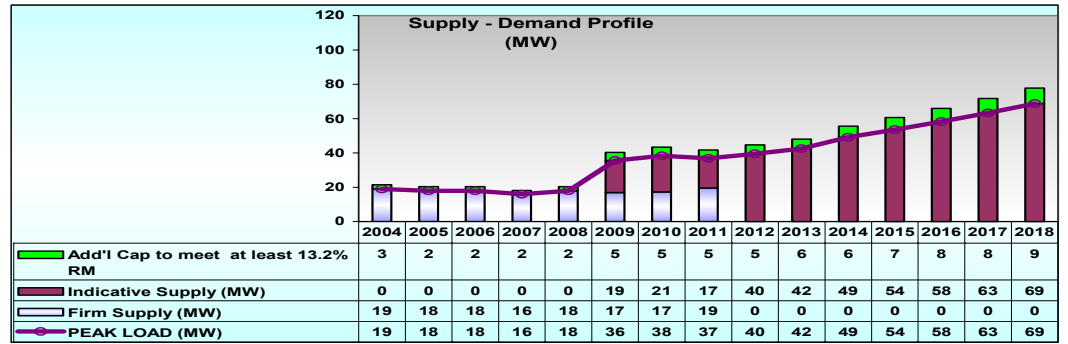
Covers 6 Municipalities namely: Jimenez, Panaon, Bonifacio, Clarin, Sinacaban, Tudela and the Cities of Ozamis and Tangub.

## Misamis Oriental I Rural Electric Service Cooperative, Inc. (MORESCO I)

General Information	
Location	Laguindingan, Misamis Oriental
Contact Person	Julie B. Real
Position	General Manager
Tel. No:	(08822) 756-225; 756-047; 756-118
Fax No:	(08822) 756-304
E-mail Address	moresco1@webgate.net.ph
Coverage Area	
No. of barangays	155
Franchise Population	

### SUPPLY HIGHLIGHTS

Mindanao Grid supplying the seven (7) substations of MORESCO I. TSC will expire on 2015.



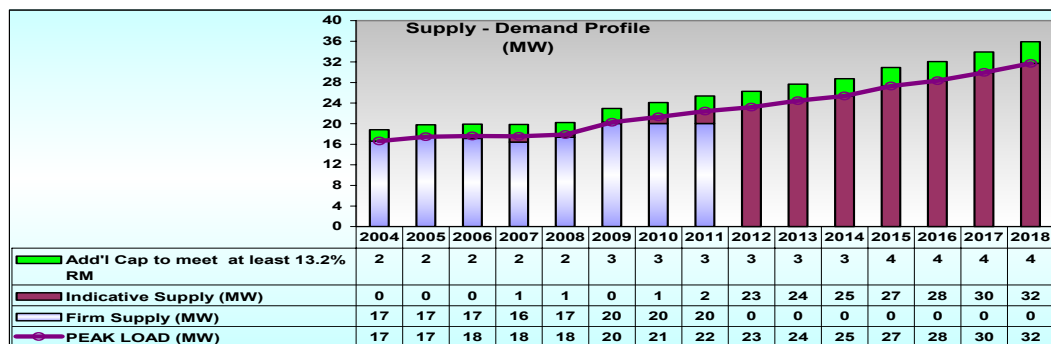
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	49,021	55,928	57,129	62,223	64,464	66,705	68,946	71,187	73,428	75,669	6%
Commercial	2,550	2,625	2,699	2,773	2,846	2,919	2,992	3,064	3,137	3,208	4%
Industrial	21	21	21	21	22	22	22	22	22	22	1%
Others	3,895	4,098	4,296	4,496	4,695	4,895	5,094	5,292	5,490	5,688	5%
<b>Total</b>	<b>55,487</b>	<b>62,671</b>	<b>64,145</b>	<b>69,513</b>	<b>72,027</b>	<b>74,541</b>	<b>77,053</b>	<b>79,565</b>	<b>82,077</b>	<b>84,587</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	41,173	44,990	48,791	53,186	58,191	63,511	69,144	75,066	81,290	87,807	9%
Commercial	20,570	22,964	25,882	29,408	33,677	38,798	44,868	52,012	60,436	70,225	14%
Industrial	14,160	15,037	15,906	16,776	17,649	18,527	19,414	20,314	21,230	22,165	5%
Others	104,998	111,903	97,016	102,090	107,432	130,577	140,959	151,388	161,869	172,404	44%
<b>Total</b>	<b>180,902</b>	<b>194,894</b>	<b>187,595</b>	<b>201,460</b>	<b>216,949</b>	<b>251,413</b>	<b>274,386</b>	<b>298,780</b>	<b>324,824</b>	<b>352,602</b>	<b>17%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	152	100	93	52							397
Expansion(ckt-km)	128	84	78	45							335
Rehabilitation(ckt-km)	24	17	15	7							62
Substation Capacity (MVA)	60	5		10							110
Reactive Power Compensation Plan (MVAr)	0.90	0.30	0.60	0.30	0.30	0.45	0.45	0.60	0.60	0.60	5.1
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	186	110	109	107	66	53	62	71	75	73	913
Expansion	157	92	91	94							433
Rehabilitation	29	18	18	14	66	53	62	71	75	73	479
Substation Projects	245	19		24			18	24	24	24	378
Electrification Projects	73	40	39	52	39	55	30	52	36	47	462
<b>Total</b>	<b>504</b>	<b>168</b>	<b>148</b>	<b>183</b>	<b>105</b>	<b>108</b>	<b>110</b>	<b>147</b>	<b>134</b>	<b>144</b>	<b>1,752</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	155	155	155	155	155	155	155	155	155	155	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	<b>155</b>	
<b>Household Level (%)</b>	<b>59%</b>	<b>60%</b>	<b>60%</b>	<b>61%</b>	<b>61%</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	<b>62%</b>	
No. of Households Electrified (On-Grid)	44,419	46,660	48,901	51,142	53,383	55,624	57,865	60,106	62,347	64,588	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,419</b>	<b>46,660</b>	<b>48,901</b>	<b>51,142</b>	<b>53,383</b>	<b>55,624</b>	<b>57,865</b>	<b>60,106</b>	<b>62,347</b>	<b>64,588</b>	

Franchise Coverage:

Covering nine municipalities of West Misamis Oriental namely: El Salvador, Gitagum, Initao, Laguindingan, Libertad, Lugait, Maticao, Naawan and Opol; two municipalities in Bukidnon namely: Talakag and Baungon and Aubijid, Cagayan de Oro.

## Bukidnon Second Electric Cooperative, Inc. (BUSECO)

General Information	
Location	Manolo Fortich, Bukidnon
Contact Person	Artis Nikki Tortola, REE, RME
Position	OIC-ESD Manager
Tel. No:	
Fax No:	(088) 221-2240
E-mail Address	buseco_buk@yahoo.com
Coverage Area	
No. of barangays	171
Franchise Population	



**SUPPLY HIGHLIGHTS**  
This year, the BUSECO will construct 5 MVA at San Miguel, Monterey another 5 MVA (69/43 kV) in Lunocan and 10 MVA at Aglayan. Also, BUSECO will construct 34.2 kms OF 69 kV transmission lines from Lunocan to San Miguel, Monterey and 8 kms of 34 kV line from Lunocan to Damilag. The EC's Transition Supply Contract will expire in 2011.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	50,947	54,210	57,366	60,828	64,505	68,401	72,467	76,777	81,348	86,193	6%
Commercial	3,075	3,093	3,112	3,132	3,153	3,174	3,195	3,217	3,238	3,260	1%
Industrial	439	443	447	451	455	459	463	467	471	475	1%
Others	1,436	1,439	1,443	1,446	1,450	1,455	1,459	1,464	1,469	1,474	1%
<b>Total</b>	<b>55,896</b>	<b>59,184</b>	<b>62,367</b>	<b>65,857</b>	<b>69,564</b>	<b>73,488</b>	<b>77,584</b>	<b>81,925</b>	<b>86,526</b>	<b>91,403</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	36,339	38,862	41,568	44,465	47,569	50,921	54,512	58,363	62,492	66,920	7%
Commercial	18,364	18,830	19,314	19,814	20,333	20,865	21,411	21,971	22,546	23,136	3%
Industrial	23,582	25,423	27,409	29,550	31,857	34,345	37,027	39,919	43,037	46,400	8%
Others	7,451	7,927	8,400	8,908	9,449	10,006	10,597	11,225	11,892	12,602	6%
<b>Total</b>	<b>85,736</b>	<b>91,042</b>	<b>96,691</b>	<b>102,737</b>	<b>109,208</b>	<b>116,136</b>	<b>123,546</b>	<b>131,477</b>	<b>139,968</b>	<b>149,058</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	78	17	2	22	28						148
Expansion(ckt-km)	70	17	2	22	28						139
Rehabilitation(ckt-km)	8	1									9
Substation Capacity (MVA)	15	5		10							30
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	89	30	19	47	53	17	18	19	20	21	333
Expansion	80	29	19	47	53						228
Rehabilitation	10	1				17	18	19	20	21	105
Substation Projects	84	33	2	25	2	1	1				147
Electrification Projects	31	17	45	21	16	13	17	15	26	16	217
<b>Total</b>	<b>204</b>	<b>79</b>	<b>66</b>	<b>92</b>	<b>71</b>	<b>31</b>	<b>36</b>	<b>34</b>	<b>46</b>	<b>37</b>	<b>697</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	171	171	171	171	171	171	171	171	171	171	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	<b>171</b>	
<b>Household Level (%)</b>	<b>57%</b>	<b>59%</b>	<b>61%</b>	<b>63%</b>	<b>65%</b>	<b>68%</b>	<b>70%</b>	<b>72%</b>	<b>75%</b>	<b>78%</b>	
No. of Households Electrified (On-Grid)	50,854	53,905	57,139	60,567	64,201	68,053	72,137	76,465	81,053	85,916	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>50,854</b>	<b>53,905</b>	<b>57,139</b>	<b>60,567</b>	<b>64,201</b>	<b>68,053</b>	<b>72,137</b>	<b>76,465</b>	<b>81,053</b>	<b>85,916</b>	

Franchise Coverage:

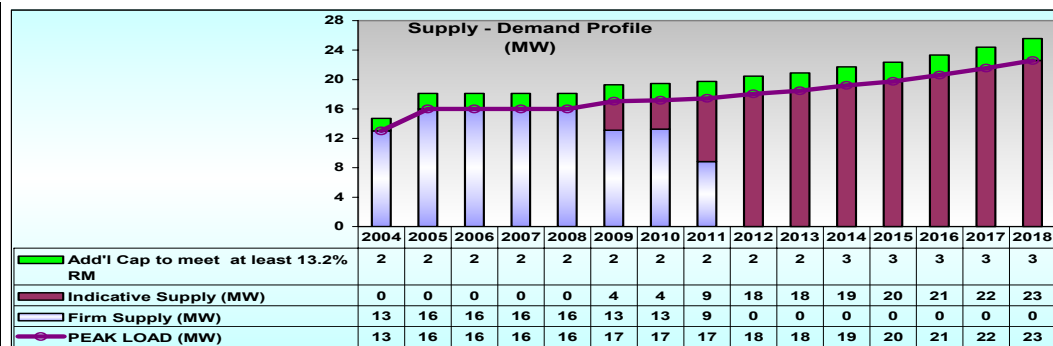
Covers 10 municipalities and 1 city, namely: Baungon, Libona, Malitbog, Manolo Fortich, Sumilao, Talakag, Cabanglasan, Impasug-ong, Lantapan, Valencia and Malaybalay City

## Misamis Oriental II Electric Service Cooperative, Inc. (MORESCO II)

General Information	
Location	Medina Misamis Oriental
Contact Person	Amado B. Ke-e
Position	General Manager
Tel. No:	(088) 331-2771
Fax No:	(088) 331-2771
E-mail Address	moresco_ii@yahoo.com
Coverage Area	
No. of barangays	269
Franchise Population	

### SUPPLY HIGHLIGHTS

Transition Supply Contract was renewed covering the period August 25, 2008 to August 2011, in compliance with the provision of the EPIRA. Thereafter, this Contract may be considered a Regular Bilateral Contract (RBC).



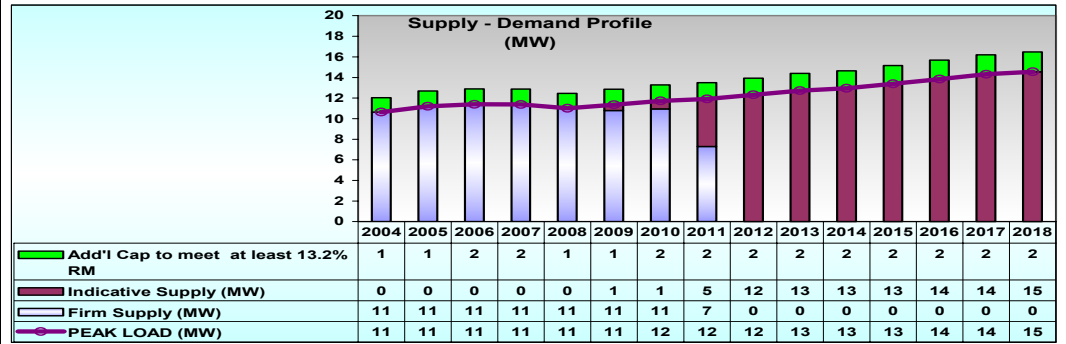
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	43,902	46,447	49,165	51,925	54,769	57,683	60,724	63,908	67,240	70,749	5%
Commercial	1,933	2,028	2,127	2,232	2,341	2,456	2,576	2,702	2,835	2,974	5%
Industrial	325	338	351	365	379	394	409	425	442	459	4%
Others	1,188	1,189	1,190	1,190	1,191	1,192	1,193	1,194	1,195	1,195	0.3%
<b>Total</b>	<b>47,348</b>	<b>50,002</b>	<b>52,833</b>	<b>55,712</b>	<b>58,680</b>	<b>61,724</b>	<b>64,902</b>	<b>68,229</b>	<b>71,711</b>	<b>75,377</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	34,753	37,884	41,297	45,018	49,065	53,476	58,283	63,517	69,220	75,435	9%
Commercial	5,518	5,846	6,194	6,562	6,953	7,366	7,805	8,269	8,761	9,282	6%
Industrial	9,301	10,143	11,062	12,064	13,157	14,349	15,650	17,068	18,616	20,303	9%
Others	32,656	32,825	32,999	33,179	33,365	33,558	33,722	33,894	34,072	34,258	2%
<b>Total</b>	<b>82,228</b>	<b>86,699</b>	<b>91,552</b>	<b>96,824</b>	<b>102,541</b>	<b>108,749</b>	<b>115,460</b>	<b>122,748</b>	<b>130,668</b>	<b>139,277</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	64	86	71	71	80	13	20	7	11	8	430
<i>Expansion(ckt-km)</i>	61	64	65	65	69	4	5	1	7	7	350
<i>Rehabilitation(ckt-km)</i>	2	21	5	6	11	9	15	6	4	1	80
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	14	18	9	7	13	6	7	2	5	5	86
<i>Expansion</i>	14	14	8	7	11	2	2		3	4	64
<i>Rehabilitation</i>	1	5	1	1	2	4	5	2	2	0.5	21
Substation Projects	8										8
Electrification Projects	34	12	12	12	12	13	13	16	21	16	161
<b>Total</b>	<b>57</b>	<b>30</b>	<b>21</b>	<b>19</b>	<b>25</b>	<b>19</b>	<b>20</b>	<b>18</b>	<b>26</b>	<b>20</b>	<b>255</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	269	269	269	269	269	269	269	269	269	269	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	<b>269</b>	
<b>Household Level (%)</b>	<b>76%</b>	<b>76%</b>	<b>76%</b>	<b>77%</b>	<b>77%</b>	<b>78%</b>	<b>78%</b>	<b>79%</b>	<b>79%</b>	<b>80%</b>	
No. of Households Electrified (On-Grid)	43,802	46,123	48,568	51,142	53,852	56,706	59,712	62,877	66,209	69,718	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>43,802</b>	<b>46,123</b>	<b>48,568</b>	<b>51,142</b>	<b>53,852</b>	<b>56,706</b>	<b>59,712</b>	<b>62,877</b>	<b>66,209</b>	<b>69,718</b>	

### Franchise Coverage:

Covering the 12 municipalities & 1 City of Eastern Part of Misamis Oriental namely: Magsaysay, Gingoog City, Medina, Talisayan, Balingoan, Kinoguitan, Sugbongcogon, Binuangan, Salay, Lagonglong, Balingasag, Jasaan and Claveria.

## Lanao Del Norte Electric Cooperative, Inc. (LANECO)

General Information	
Location	Tubod, Lanao del Norte
Contact Person	Engr. Resnol C. Torres
Position	General Manager
Tel. No:	(063) 341-5231 / 495-0016
Fax No:	(063) 341- 5231
E-mail Address	laneco_neptune@yahoo.com
Coverage Area	
No. of barangays	407
Franchise Population	
SUPPLY HIGHLIGHTS	
Covers 7 Municipalities in the First Congressional District, 13 in the Second Congressional District and 2 Municipalities in the First Congressional District of Zamboanga del Sur.	



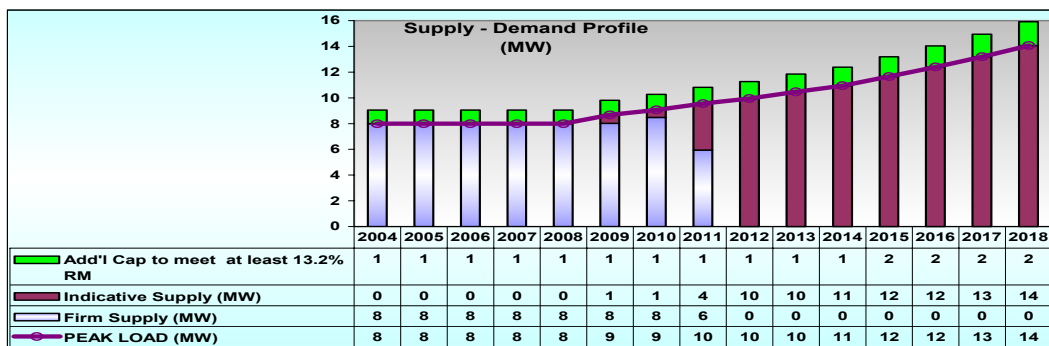
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	49,035	50,813	52,621	54,461	56,333	58,238	60,176	61,597	63,053	64,546	3%
Commercial	3,160	3,238	3,316	3,394	3,473	3,551	3,631	3,710	3,790	3,824	2%
Industrial	358	364	369	375	380	386	392	398	404	410	2%
Others	2,662	2,663	2,665	2,666	2,667	2,669	2,670	2,672	2,673	2,675	0.2%
<b>Total</b>	<b>55,216</b>	<b>57,078</b>	<b>58,971</b>	<b>60,895</b>	<b>62,853</b>	<b>64,844</b>	<b>66,869</b>	<b>68,377</b>	<b>69,921</b>	<b>71,455</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	33,525	34,573	35,665	36,802	37,986	39,217	40,499	41,801	43,132	44,512	3%
Commercial	8,253	8,622	9,008	9,413	9,837	10,281	10,746	11,233	11,742	12,267	4%
Industrial	7,502	7,736	7,978	8,228	8,486	8,753	9,028	9,313	9,607	9,911	3%
Others	3,321	3,419	3,524	3,636	3,756	3,885	4,024	4,175	4,338	4,515	4%
<b>Total</b>	<b>52,603</b>	<b>54,351</b>	<b>56,176</b>	<b>58,079</b>	<b>60,065</b>	<b>62,136</b>	<b>64,298</b>	<b>66,523</b>	<b>68,820</b>	<b>71,205</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	35	22	50								107
<i>Expansion(ckt-km)</i>	27	22	50								99
<i>Rehabilitation(ckt-km)</i>	8										8
Substation Capacity (MVA)	10										10
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	125	70	127								322
<i>Expansion</i>	95	70	127								292
<i>Rehabilitation</i>	30										30
Substation Projects	24										24
Electrification Projects	64	7	9	11	13	15	17	17	17	18	186
<b>Total</b>	<b>213</b>	<b>77</b>	<b>136</b>	<b>11</b>	<b>13</b>	<b>15</b>	<b>17</b>	<b>17</b>	<b>17</b>	<b>18</b>	<b>532</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	336	336	336	336	336	336	336	336	336	336	
No. of Barangays Electrified (Off-Grid)	71	71	71	71	71	71	71	71	71	71	
<b>Total</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	<b>407</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>72%</b>	<b>73%</b>	<b>75%</b>	<b>76%</b>	<b>78%</b>	<b>79%</b>	<b>81%</b>	<b>82%</b>	<b>84%</b>	
No. of Households Electrified (On-Grid)	49,008	50,234	51,489	52,777	54,096	55,448	56,835	58,255	59,712	61,205	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>49,008</b>	<b>50,234</b>	<b>51,489</b>	<b>52,777</b>	<b>54,096</b>	<b>55,448</b>	<b>56,835</b>	<b>58,255</b>	<b>59,712</b>	<b>61,205</b>	

Franchise Coverage:

Covers 7 Municipalities in the First Congressional District, 13 in the Second Congressional District and 2 Municipalities in the First Congressional District of Zamboanga del Sur.

## Misamis Occidental I Electric Cooperative, Inc. (MOELCI I)

General Information	
Location	Magcamiguing, Calamba, Misamis Occidental
Contact Person	Noel B. Dumalagan
Position	General Manager
Tel. No:	(088) 271-3660
Fax No:	(088) 271-3660
E-mail Address	corplan@moelci-1.com
Coverage Area	
No. of barangays	227
Franchise Population	
SUPPLY HIGHLIGHTS	
The Transition Supply Contract (TSC) will expire on August 2011.	



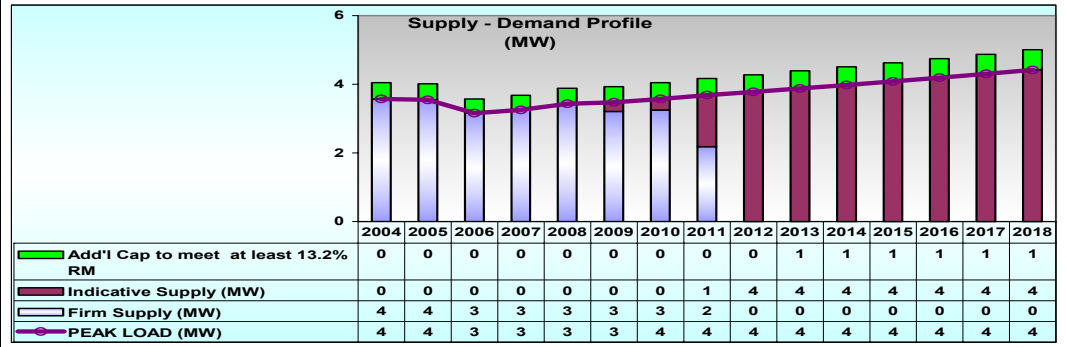
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	33,751	34,948	36,152	37,402	38,880	40,416	42,015	43,676	45,401	47,194	4%
Commercial	2,044	2,115	2,189	2,266	2,345	2,427	2,512	2,587	2,665	2,745	3%
Industrial	111	113	115	117	120	122	125	127	130	132	2%
Others	1,032	1,025	1,026	1,034	1,042	1,045	1,048	1,038	1,040	1,042	1%
<b>Total</b>	<b>36,937</b>	<b>38,201</b>	<b>39,482</b>	<b>40,819</b>	<b>42,386</b>	<b>44,011</b>	<b>45,699</b>	<b>47,429</b>	<b>49,235</b>	<b>51,113</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	21,063	22,072	23,357	24,826	26,508	28,306	30,280	32,392	34,653	37,075	7%
Commercial	6,887	7,313	7,766	8,254	8,774	9,327	9,915	10,495	11,110	11,761	6%
Industrial	4,382	4,548	4,720	4,902	5,091	5,288	5,492	5,704	5,924	6,154	4%
Others	4,465	4,749	5,083	5,468	5,889	6,320	6,786	7,215	7,748	8,323	8%
<b>Total</b>	<b>36,797</b>	<b>38,681</b>	<b>40,926</b>	<b>43,451</b>	<b>46,261</b>	<b>49,239</b>	<b>52,472</b>	<b>55,806</b>	<b>59,435</b>	<b>63,312</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	4	8	6	10							28
<i>Expansion(ckt-km)</i>	3.95	8.15	5.52	10.00							28
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)			5								5
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million PhP)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	24	35	36	41	30	35	35	35	52	52	374
<i>Expansion</i>	24	35	36	41							136
<i>Rehabilitation</i>					30	35	35	35	52	52	238
Substation Projects			7								7
Electrification Projects	22	6	4	5	5	34	13	11	8	7	115
<b>Total</b>	<b>46</b>	<b>41</b>	<b>47</b>	<b>46</b>	<b>35</b>	<b>69</b>	<b>47</b>	<b>46</b>	<b>60</b>	<b>59</b>	<b>496</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	227	227	227	227	227	227	227	227	227	227	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	<b>227</b>	
<b>Household Level (%)</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>82%</b>	<b>84%</b>	<b>85%</b>	<b>86%</b>	<b>88%</b>	<b>89%</b>	<b>90%</b>	
No. of Households Electrified (On-Grid)	33,557	34,564	35,601	36,847	38,321	39,853	41,448	43,105	44,830	46,623	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>33,557</b>	<b>34,564</b>	<b>35,601</b>	<b>36,847</b>	<b>38,321</b>	<b>39,853</b>	<b>41,448</b>	<b>43,105</b>	<b>44,830</b>	<b>46,623</b>	

Franchise Coverage:

Seven (7) Municipalities and One (1) City: Aloran, Lopez Jaena, Plaridel, Calamba, Baliangao, Sapang Dalaga, Concepcion, and Oroquieta City.

## Camiguin Electric Cooperative, Inc. (CAMELCO)

General Information	
Location	Pandan, Mambajao, Camiguin Province 9100
Contact Person	Adrian A. Ebcas
Position	General Manager
Tel. No:	(088) 387-1227
Fax No:	(088) 387-1227
E-mail Address	artcamelco@yahoo.com
Coverage Area	300 sq.km.
No. of barangays	58
Franchise Population	
SUPPLY HIGHLIGHTS	
Source of power from Mindanao Grid generated by Genco and transmitted by Transco supplying a 5 MVA s/s distributed by CAMELCO to 2 feeders. Transition Supply Contract current until year 2011. There are exploratory talks on wind power energy in the island of Camiguin.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	12,945	14,500	16,204	16,776	17,123	17,478	17,842	18,215	18,598	18,990	4%
Commercial	666	670	673	676	680	683	687	690	693	697	1%
Industrial											
Others	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	1,431	0%
<b>Total</b>	<b>15,043</b>	<b>16,601</b>	<b>18,308</b>	<b>18,884</b>	<b>19,234</b>	<b>19,592</b>	<b>19,960</b>	<b>20,336</b>	<b>20,722</b>	<b>21,118</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	8,224	8,668	9,150	9,620	10,105	10,614	11,135	11,679	12,250	12,850	5%
Commercial	3,083	3,098	3,114	3,129	3,144	3,160	3,176	3,191	3,207	3,223	0%
Industrial											
Others	1,674	1,675	1,676	1,677	1,678	1,679	1,680	1,681	1,682	1,683	0%
<b>Total</b>	<b>12,981</b>	<b>13,441</b>	<b>13,940</b>	<b>14,426</b>	<b>14,927</b>	<b>15,453</b>	<b>15,990</b>	<b>16,551</b>	<b>17,139</b>	<b>17,756</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	26	1									27
<i>Expansion(ckt-km)</i>	3	1									4
<i>Rehabilitation(ckt-km)</i>	22										22
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	23	10	7	7	7	7	7	7	7	7	91
<i>Expansion</i>	3	10									13
<i>Rehabilitation</i>	20		7	7	7	7	7	7	7	7	78
Substation Projects											
Electrification Projects	7	3	3	3	3	1	1	1	1	1	24
<b>Total</b>	<b>30</b>	<b>14</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>115</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	58	58	58	58	58	58	58	58	58	58	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	<b>58</b>	
<b>Household Level (%)</b>	<b>71%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	<b>72%</b>	<b>72%</b>	<b>73%</b>	<b>73%</b>	<b>73%</b>	<b>73%</b>	
No. of Households Electrified (On-Grid)	12,872	13,194	13,524	13,862	14,208	14,564	14,928	15,301	15,684	16,076	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>12,872</b>	<b>13,194</b>	<b>13,524</b>	<b>13,862</b>	<b>14,208</b>	<b>14,564</b>	<b>14,928</b>	<b>15,301</b>	<b>15,684</b>	<b>16,076</b>	

Franchise Coverage:

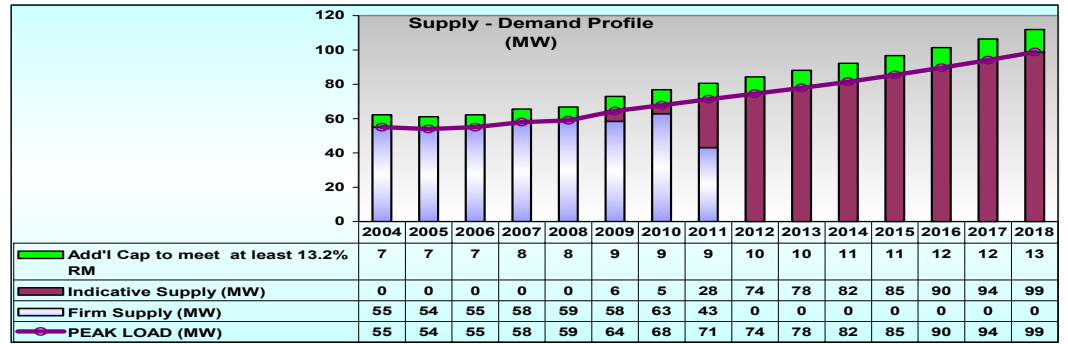
5 Municipalities (Catarman, Guinsiliban, Mahinog, Mambajao, and Sagay)



**REGION 11  
ELECTRIC COOPERATIVES**

## Davao del Norte Electric Cooperative, Inc. (DANECO)

General Information	
Location	Montevista, Comval
Contact Person	Edgardo D. Savellano, CPA, MPA
Position	General Manager
Tel. No:	(084) 822-0421 / (084) 400-1129
Fax No:	(084) 400-1129
E-mail Address	daneco_coop@yahoo.com
Coverage Area	
No. of barangays	374
Franchise Population	
SUPPLY HIGHLIGHTS	
DANECO will be upgrading this year, 2009, the M11-Asuncion S/S from 5 MVA to 10 MVA and M7-Canocotan S/S from 10 MVA to 20 MVA and likewise will acquire 69 kV transmission line. Contracted Energy from Genco will expire by 2011.	



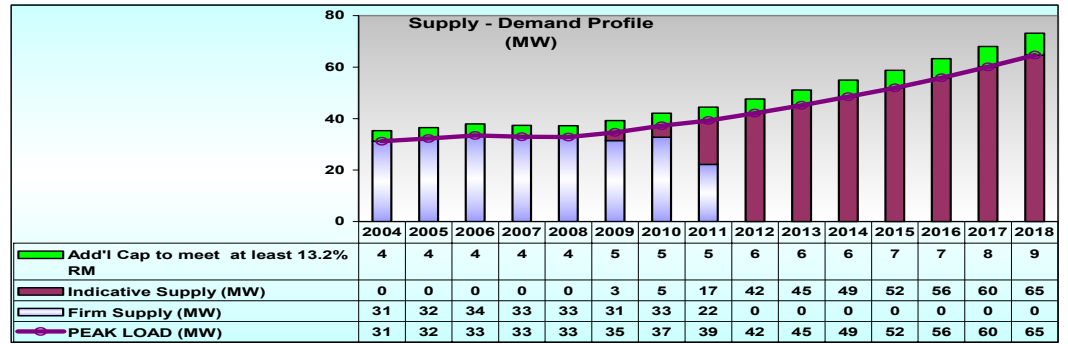
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	101,823	104,610	107,810	111,096	114,448	117,882	121,419	125,062	128,814	132,678	3%
Commercial	9,820	10,016	10,217	10,370	10,525	10,631	10,737	10,844	10,953	11,062	2%
Industrial	567	607	637	656	669	683	696	710	721	732	3%
Others	7,405	7,453	7,458	7,462	7,435	7,438	7,441	7,445	7,448	7,451	0.2%
<b>Total</b>	<b>119,615</b>	<b>122,686</b>	<b>126,122</b>	<b>129,584</b>	<b>133,078</b>	<b>136,634</b>	<b>140,294</b>	<b>144,061</b>	<b>147,936</b>	<b>151,924</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	131,943	139,310	148,534	158,406	168,970	180,277	192,382	205,343	219,226	234,096	6%
Commercial	50,190	53,978	58,056	62,365	66,997	71,880	77,120	82,743	88,779	95,256	7%
Industrial	71,862	76,994	80,725	82,759	84,292	85,859	87,029	88,220	89,350	90,497	3%
Others	39,882	41,635	42,856	44,114	45,394	46,727	48,095	49,505	50,956	52,449	8%
<b>Total</b>	<b>293,877</b>	<b>311,916</b>	<b>330,172</b>	<b>347,645</b>	<b>365,654</b>	<b>384,742</b>	<b>404,625</b>	<b>425,811</b>	<b>448,310</b>	<b>472,299</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	60	9	15	8	49	27	4	18	12	5	207
Expansion(ckt-km)	47		3	1	1	13	1	4			69
Rehabilitation(ckt-km)	13	9	12	7	48	14	4	15	12	5	138
Substation Capacity (MVA)	20			10			5				35
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	100	69	73	66	91	71	70	74	72	68	753
Expansion	78		15	6	2	34	8	15			158
Rehabilitation	22	69	58	59	90	37	62	59	72	68	595
Substation Projects	30			24	22		18	5			99
Electrification Projects	56	40	37	42	40	44	52	49	48	59	469
<b>Total</b>	<b>186</b>	<b>109</b>	<b>110</b>	<b>132</b>	<b>154</b>	<b>115</b>	<b>139</b>	<b>128</b>	<b>121</b>	<b>127</b>	<b>1,321</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	373	373	373	373	373	373	373	373	373	373	
No. of Barangays Electrified (Off-Grid)	1	1	1	1	1	1	1	1	1	1	
<b>Total</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	<b>374</b>	
<b>Household Level (%)</b>	<b>39%</b>	<b>39%</b>	<b>40%</b>	<b>40%</b>	<b>41%</b>	<b>41%</b>	<b>42%</b>	<b>42%</b>	<b>42%</b>	<b>43%</b>	
No. of Households Electrified (On-Grid)	101,563	104,610	107,748	110,981	114,310	117,740	121,272	124,910	128,657	132,517	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>101,563</b>	<b>104,610</b>	<b>107,748</b>	<b>110,981</b>	<b>114,310</b>	<b>117,740</b>	<b>121,272</b>	<b>124,910</b>	<b>128,657</b>	<b>132,517</b>	

Franchise Coverage:

Covers 2 provinces (Davao Del Norte and Compostela Province) with 15 municipalities and 2 cities namely: Asuncion, Kapalong, New Corella, Samal City, Tagum City, Talaingod, Compostela, Laak, Mabini, Maco, Maragusan, Mawab, Monkayo, Montevista, Nabunturan,

## Davao Del Sur Electric Cooperative, Inc. (DASURECO)

General Information	
Location	Brgy. Cogon, Digos City
Contact Person	Jesus P. Dela Victoria
Position	General Manager
Tel. No:	(082) 553-3589
Fax No:	(082) 553-3589
E-mail Address	dasureco@yahoo.com
Coverage Area	
No. of barangays	337
Franchise Population	
SUPPLY HIGHLIGHTS	
Supply Contract will expire on 2011. DASURECO intends to acquire 121 km of 69 kV from NGCP in CY 2009 for Davao-Digos-Malita, Matanao-Digos, Matanao-Km 71.	



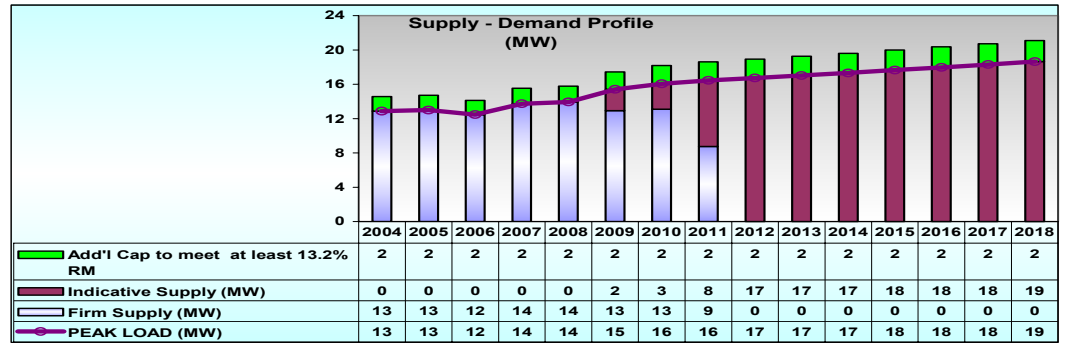
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	73,609	77,446	81,343	84,628	88,069	90,798	93,612	96,512	99,501	102,582	4%
Commercial	5,576	6,055	6,422	6,767	7,059	7,273	7,494	7,721	7,955	8,196	4%
Industrial	356	368	381	395	408	423	437	453	468	485	3%
Others	6,535	6,886	7,106	7,302	7,465	7,497	7,530	7,561	7,593	7,626	3%
<b>Total</b>	<b>86,076</b>	<b>90,755</b>	<b>95,253</b>	<b>99,091</b>	<b>103,001</b>	<b>105,991</b>	<b>109,073</b>	<b>112,246</b>	<b>115,517</b>	<b>118,889</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	71,921	76,741	81,693	86,776	92,056	97,520	103,303	110,483	118,212	126,534	7%
Commercial	15,534	16,688	17,807	18,980	20,145	21,293	22,418	23,516	24,543	25,585	6%
Industrial	50,161	53,919	57,982	62,377	67,130	72,273	77,837	83,858	90,374	97,427	8%
Others	26,147	28,645	31,419	34,525	37,951	42,608	46,847	51,561	56,803	62,636	10%
<b>Total</b>	<b>163,763</b>	<b>175,993</b>	<b>188,901</b>	<b>202,659</b>	<b>217,282</b>	<b>233,694</b>	<b>250,406</b>	<b>269,417</b>	<b>289,932</b>	<b>312,182</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	190	56	44	63	28	16	23	23	9	3	456
Expansion(ckt-km)	44	26	18	29	15	4	9	6	5		156
Rehabilitation(ckt-km)	146	30	26	34	14	12	14	16	4	3	300
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	41	46	51	55	19	12	15	15	7	2	262
Expansion	10	21	20	25	10	3	6	4	4		103
Rehabilitation	32	25	30	30	9	9	10	11	3	2	159
Substation Projects	3										3
Electrification Projects	23	18	20	19	27	19	49	20	20	20	236
<b>Total</b>	<b>67</b>	<b>64</b>	<b>71</b>	<b>75</b>	<b>46</b>	<b>31</b>	<b>65</b>	<b>34</b>	<b>27</b>	<b>22</b>	<b>500</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	291	291	291	291	291	291	291	291	291	291	
No. of Barangays Electrified (Off-Grid)	46	46	46	46	46	46	46	46	46	46	
<b>Total</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	<b>337</b>	
<b>Household Level (%)</b>	<b>44%</b>	<b>45%</b>	<b>45%</b>	<b>46%</b>	<b>47%</b>	<b>48%</b>	<b>48%</b>	<b>49%</b>	<b>50%</b>	<b>51%</b>	
No. of Households Electrified (On-Grid)	71,787	74,090	76,466	78,919	81,450	84,062	86,759	89,541	92,414	95,378	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>71,787</b>	<b>74,090</b>	<b>76,466</b>	<b>78,919</b>	<b>81,450</b>	<b>84,062</b>	<b>86,759</b>	<b>89,541</b>	<b>92,414</b>	<b>95,378</b>	

Franchise Coverage:

Consists of 15 municipalities namely: Bansalan, Digos City, Don Marcelino, Hagonoy, J.A. Santos, Kiblawan, Magsaysay, Malalag, Malita, Matanao, Padada, Sarangani, Sta. Cruz, Sta. Maria, and Sulop.

## Davao Oriental Electric Cooperative, Inc. (DORECO)

General Information	
Location	Nat'l H-way, Madang, Mati City, Davao Oriental
Contact Person	Engr. Gregory A. Dukil
Position	General Manager
Tel. No:	(087) 3883-112
Fax No:	(087) 3883-112
E-mail Address	
Coverage Area	
No. of barangays	183
Franchise Population	
SUPPLY HIGHLIGHTS	
DORECO's Transition Supply Contract (TSC) expired in 2008. A new, 3 yrs TSC will be negotiated based on the forecast load demand of DORECO, which will expire on year 2011. By year 2012, a new contract will be negotiated between NPC-GENCO and MAG.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	50,028	50,948	51,860	52,695	53,456	54,228	55,012	55,809	56,341	56,879	2%
Commercial	6,337	6,400	6,464	6,529	6,594	6,660	6,727	6,794	6,862	6,930	1%
Industrial	131	133	134	135	137	138	139	141	142	144	1%
Others	4,604	4,606	4,608	4,610	4,612	4,614	4,616	4,618	4,620	4,622	0.2%
<b>Total</b>	<b>61,100</b>	<b>62,087</b>	<b>63,066</b>	<b>63,969</b>	<b>64,798</b>	<b>65,640</b>	<b>66,494</b>	<b>67,361</b>	<b>67,965</b>	<b>68,575</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	32,249	33,768	34,708	35,352	36,037	36,764	37,536	38,353	39,097	39,901	3%
Commercial	12,625	13,322	13,671	13,905	14,158	14,430	14,721	15,019	15,322	15,632	3%
Industrial	15,343	15,790	16,108	16,351	16,597	16,847	17,101	17,359	17,620	17,885	2%
Others	5,785	5,965	6,032	6,094	6,155	6,215	6,276	6,336	6,398	6,459	2%
<b>Total</b>	<b>66,001</b>	<b>68,847</b>	<b>70,519</b>	<b>71,702</b>	<b>72,947</b>	<b>74,256</b>	<b>75,634</b>	<b>77,067</b>	<b>78,437</b>	<b>79,878</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	66	39	39	37							181
<i>Expansion(ckt-km)</i>	33	20	22	15							91
<i>Rehabilitation(ckt-km)</i>	33	19	17	22							90
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	28	19	21	17	6	5	5	5	5	5	118
<i>Expansion</i>	14	10	12	7							43
<i>Rehabilitation</i>	14	9	9	10	6	5	5	5	5	5	76
Substation Projects											
Electrification Projects	5	5	5	6	6	5	5	5	4	4	52
<b>Total</b>	<b>34</b>	<b>24</b>	<b>26</b>	<b>23</b>	<b>12</b>	<b>11</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>170</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	183	183	183	183	183	183	183	183	183	183	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	<b>183</b>	
<b>Household Level (%)</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>52%</b>	<b>53%</b>	<b>53%</b>	<b>53%</b>	<b>53%</b>	<b>53%</b>	<b>53%</b>	
No. of Households Electrified (On-Grid)	49,708	50,453	51,210	51,978	52,758	53,549	54,352	55,168	55,719	56,277	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>49,708</b>	<b>50,453</b>	<b>51,210</b>	<b>51,978</b>	<b>52,758</b>	<b>53,549</b>	<b>54,352</b>	<b>55,168</b>	<b>55,719</b>	<b>56,277</b>	

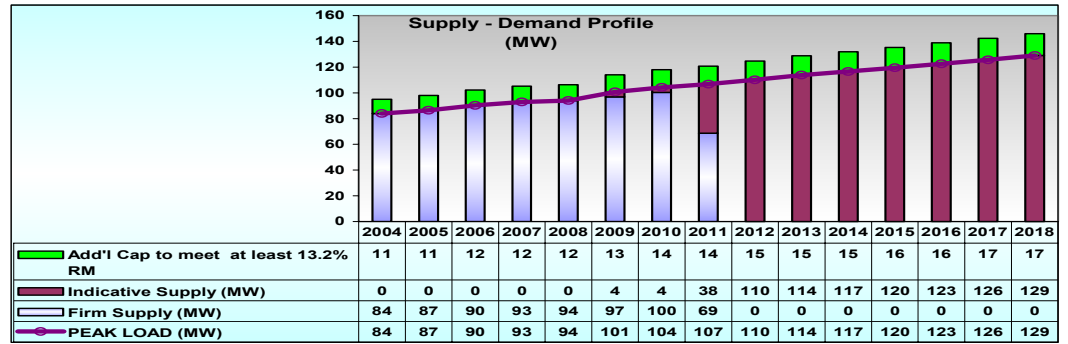
Franchise Coverage:

Covers 10 Municipalities & one Component City namely; City of Mati, Lupon, Banaybanay, San Isidro, Gov. Generoso, Tarragona, Manay, Caraga, Baganga, Cateel

**REGION 12  
ELECTRIC COOPERATIVES**

## South Cotabato II Electric Cooperative Inc. (SOCOTECO II)

General Information	
Location	Jose Catholic Ave. Lagao, General Santos City
Contact Person	Engr. Rodolfo G. Ocat
Position	General Manager
Tel. No:	(083) 553-5848
Fax No:	(083) 552-4856
E-mail Address	
Coverage Area	
No. of barangays	204
Franchise Population	
SUPPLY HIGHLIGHTS	
A 10 MVA substation will be commissioned in CY 2009 and 5 MVA substation for CY 2010. SOCOTECO II is expecting 100% barangay energization in CY 2009.	



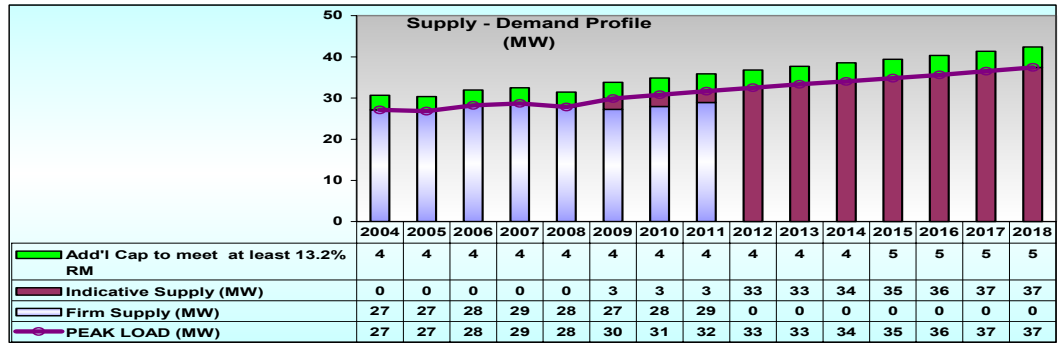
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	107,019	108,570	110,669	112,811	114,772	116,770	118,805	120,877	122,988	125,138	2%
Commercial	6,132	6,224	6,318	6,413	6,509	6,606	6,705	6,806	6,908	7,012	2%
Industrial	188	191	193	196	199	202	205	208	212	215	2%
Others	7,283	7,290	7,293	7,297	7,302	7,305	7,309	7,313	7,317	7,321	0.3%
<b>Total</b>	<b>120,623</b>	<b>122,275</b>	<b>124,473</b>	<b>126,717</b>	<b>128,782</b>	<b>130,884</b>	<b>133,025</b>	<b>135,205</b>	<b>137,425</b>	<b>139,685</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	185,260	191,780	198,768	205,606	212,505	219,619	226,953	234,526	242,349	250,431	3%
Commercial	102,547	105,753	109,144	112,728	116,518	120,167	123,931	127,812	131,816	135,944	3%
Industrial	136,666	139,213	141,919	144,789	147,831	151,050	154,454	158,049	161,727	165,491	2%
Others	68,611	79,043	81,292	88,332	95,826	99,439	99,864	100,291	100,723	101,158	6%
<b>Total</b>	<b>493,084</b>	<b>515,789</b>	<b>531,122</b>	<b>551,456</b>	<b>572,680</b>	<b>590,275</b>	<b>605,201</b>	<b>620,679</b>	<b>636,615</b>	<b>653,024</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	53			1			5	1			58
Expansion(ckt-km)	53			1			5	1			58
Rehabilitation(ckt-km)											
Substation Capacity (MVA)	10			20				20			50
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	140	73	65	66	57	39	49	44	45	48	627
Expansion	140			66			49	44			299
Rehabilitation		73	65		57	39			45	48	328
Substation Projects	22			38				38			98
Electrification Projects	21	26	20	22	20	13	14	14	14	14	178
<b>Total</b>	<b>183</b>	<b>99</b>	<b>85</b>	<b>126</b>	<b>78</b>	<b>53</b>	<b>62</b>	<b>96</b>	<b>59</b>	<b>61</b>	<b>903</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	201	201	201	201	201	201	201	201	201	201	
No. of Barangays Electrified (Off-Grid)	3	3	3	3	3	3	3	3	3	3	
<b>Total</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	<b>204</b>	
<b>Household Level (%)</b>	<b>79%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	<b>81%</b>	
No. of Households Electrified (On-Grid)	105,629	107,742	109,897	112,095	114,112	116,166	118,257	120,386	122,553	124,759	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>105,629</b>	<b>107,742</b>	<b>109,897</b>	<b>112,095</b>	<b>114,112</b>	<b>116,166</b>	<b>118,257</b>	<b>120,386</b>	<b>122,553</b>	<b>124,759</b>	

Franchise Coverage:

Covers the municipalities of General Santos City, Polomolok, Tupi, Alabel, Glan, Malapatan, Malungon, Maasi, Kiamba and Maitum

## South Cotabato I Electric Cooperative, Inc. (SOCOTECO I)

General Information	
Location	Matulas, City of Koronadal, South Cotabato
Contact Person	Santiago C. Tudio
Position	General Manager
Tel. No:	(083) 228-3499
Fax No:	(083) 2283-690
E-mail Address	info@socoteco-1.com
Coverage Area	
No. of barangays	174
Franchise Population	
SUPPLY HIGHLIGHTS	
Due to increase in load, there is a need to install additional substation of 5 MVA capacity by year 2011. Supply contract with NPC (sole supplier) covers August 2008 to August 2013 demand requirements.	



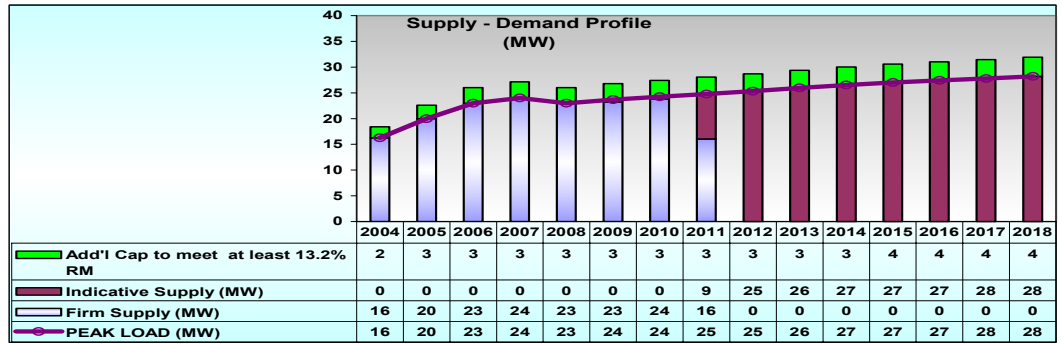
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	60,741	63,524	66,500	69,704	73,222	76,172	78,822	81,974	85,253	88,664	4%
Commercial	5,966	6,237	6,521	6,827	7,162	7,377	7,598	7,826	8,061	8,302	4%
Industrial	136	147	158	170	184	193	203	213	224	235	7%
Others	2,318	2,320	2,325	2,334	2,347	2,325	2,318	2,284	2,326	2,331	1%
<b>Total</b>	<b>69,161</b>	<b>72,228</b>	<b>75,504</b>	<b>79,035</b>	<b>82,915</b>	<b>86,067</b>	<b>88,940</b>	<b>92,297</b>	<b>95,864</b>	<b>99,532</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	69,586	72,161	74,758	77,464	79,931	82,186	84,501	86,956	89,521	92,199	4%
Commercial	45,158	46,533	48,198	49,933	51,523	52,763	54,041	55,358	56,716	58,117	3%
Industrial	13,946	14,643	15,167	15,713	16,213	16,572	16,965	17,387	17,834	18,308	4%
Others	9,377	9,838	10,175	10,526	10,862	11,060	11,285	11,500	11,767	12,018	3%
<b>Total</b>	<b>138,066</b>	<b>143,175</b>	<b>148,299</b>	<b>153,636</b>	<b>158,529</b>	<b>162,582</b>	<b>166,792</b>	<b>171,201</b>	<b>175,839</b>	<b>180,641</b>	<b>4%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	40	23	21	4	3						91
Expansion(ckt-km)	20		17								38
Rehabilitation(ckt-km)	20	23	3	4	3						54
Substation Capacity (MVA)			5								5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	62	17	37	5	5						127
Expansion	31		31								62
Rehabilitation	31	17	6	5	5						64
Substation Projects			19								19
Electrification Projects	37	7	7	8	9	7	6	7	7	7	103
<b>Total</b>	<b>99</b>	<b>24</b>	<b>64</b>	<b>13</b>	<b>13</b>	<b>7</b>	<b>6</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>249</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	159	159	159	159	159	159	159	159	159	159	
No. of Barangays Electrified (Off-Grid)	15	15	15	15	15	15	15	15	15	15	
<b>Total</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	<b>174</b>	
<b>Household Level (%)</b>	<b>47%</b>	<b>49%</b>	<b>50%</b>	<b>52%</b>	<b>54%</b>	<b>55%</b>	<b>56%</b>	<b>58%</b>	<b>59%</b>	<b>61%</b>	
No. of Households Electrified (On-Grid)	60,491	63,291	66,229	69,395	72,875	75,790	78,822	81,974	85,253	88,664	
No. of Households Electrified (Off-Grid)	886	886	886	886	886	886	886	886	886	886	
<b>Total</b>	<b>61,377</b>	<b>64,177</b>	<b>67,115</b>	<b>70,281</b>	<b>73,761</b>	<b>76,676</b>	<b>79,708</b>	<b>82,860</b>	<b>86,139</b>	<b>89,550</b>	

Franchise Coverage:

(Lutayan, Tampakan, Banga, Lake Sebu, Norala, Sto. Nino, Surallah, Tantangan, and T'boli)

## Cotabato Electric Cooperative, Inc (COTELCO)

General Information	
Location	Manubuan, Matalam
Contact Person	Alejandro Q. Collados
Position	General Manager
Tel. No:	(064) 392-1032
Fax No:	(064) 392-1032
E-mail Address	www.cotelconet.com
Coverage Area	
No. of barangays	348
Franchise Population	
SUPPLY HIGHLIGHTS	
By 2011, Contract for the Supply of Electric Energy with GENCO will expire. Hence, a group of 21 electric cooperatives in Mindanao formed a Joint Power Supply Aggregation.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	71,313	72,819	74,353	75,916	77,358	78,502	79,354	80,137	80,927	81,726	2%
Commercial	8,070	8,237	8,407	8,574	8,719	8,893	9,070	9,188	9,279	9,372	2%
Industrial	271	277	282	288	294	300	304	308	311	315	2%
Others	6,273	6,277	6,281	6,286	6,577	6,539	6,518	6,431	6,387	6,390	0.3%
<b>Total</b>	<b>85,927</b>	<b>87,609</b>	<b>89,323</b>	<b>91,063</b>	<b>92,948</b>	<b>94,234</b>	<b>95,247</b>	<b>96,064</b>	<b>96,905</b>	<b>97,802</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	53,783	55,314	56,894	58,526	60,122	61,637	63,024	64,211	65,293	66,395	2%
Commercial	26,363	27,216	28,098	29,010	29,876	30,846	31,693	32,370	32,978	33,597	3%
Industrial	23,697	24,462	25,254	26,072	26,918	27,793	28,459	29,068	29,613	30,169	3%
Others	12,258	12,370	12,484	12,600	13,150	13,237	13,601	14,021	14,345	14,840	2%
<b>Total</b>	<b>116,100</b>	<b>119,362</b>	<b>122,730</b>	<b>126,207</b>	<b>130,066</b>	<b>133,514</b>	<b>136,778</b>	<b>139,671</b>	<b>142,229</b>	<b>145,000</b>	<b>3%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	117	30	1								148
Expansion(ckt-km)	114	30									144
Rehabilitation(ckt-km)	3		1								4
Substation Capacity (MVA)		10									10
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	151	110	20	19	19	19	19	19	19	19	415
Expansion	148	108									255
Rehabilitation	4	2	20	19	19	19	19	19	19	19	159
Substation Projects	5	24									29
Electrification Projects	19	4	5	4	6	4	5	3	4	3	57
<b>Total</b>	<b>175</b>	<b>138</b>	<b>25</b>	<b>23</b>	<b>25</b>	<b>23</b>	<b>24</b>	<b>22</b>	<b>23</b>	<b>22</b>	<b>501</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	348	348	348	348	348	348	348	348	348	348	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	<b>348</b>	
<b>Household Level (%)</b>	<b>59%</b>	<b>60%</b>	<b>61%</b>	<b>62%</b>	<b>63%</b>	<b>64%</b>	<b>65%</b>	<b>65%</b>	<b>66%</b>	<b>67%</b>	
No. of Households Electrified (On-Grid)	70,604	72,016	73,457	74,926	76,275	77,419	78,270	79,053	79,844	80,642	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>70,604</b>	<b>72,016</b>	<b>73,457</b>	<b>74,926</b>	<b>76,275</b>	<b>77,419</b>	<b>78,270</b>	<b>79,053</b>	<b>79,844</b>	<b>80,642</b>	

Franchise Coverage:

Consists of 11 Municipalities and 1 City namely: Makilala, Magpet, Mlang, Tulunan, Pres. Roxas, Antipas, Arakan, Matalam, Kabacan, Carmen, Banisilan and City of Kidapawan

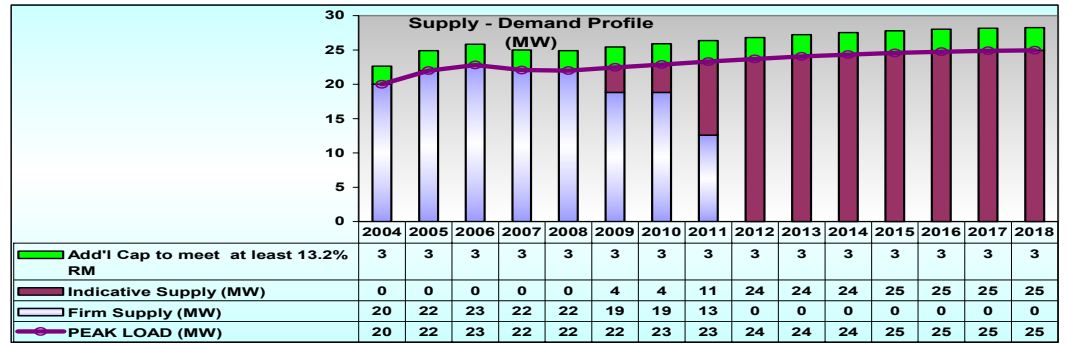


## Sultan Kudarat Electric Cooperative, Inc. (SUKELCO)

General Information	
Location	Tacurong City
Contact Person	Demetrio O. Jerez, PEE
Position	General Manager
Tel. No:	(064) 200-3155 / (064) 477-0327
Fax No:	(064) 200-3156
E-mail Address	sukelco@greendot.com.ph
Coverage Area	
No. of barangays	307
Franchise Population	

### SUPPLY HIGHLIGHTS

SUKELCO forecasted its demand on an average of 1% annual growth rate for 10 years. TSC contract with NPC is effective until August 2011. The supply contract for Sept. 2011 onwards shall be committed to the Power Supply Aggregation Contract (PSAC) together with other ECs in Mindanao. However, as of this date, no firm energy contracted under (PSAC) have been finalized.



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	46,909	48,027	49,032	49,926	50,708	51,378	51,936	52,382	52,716	52,938	2%
Commercial	3,395	3,476	3,549	3,614	3,671	3,720	3,760	3,793	3,817	3,833	2%
Industrial	166	170	173	177	179	182	184	185	186	187	1%
Others	2,574	2,636	2,691	2,740	2,783	2,820	2,850	2,875	2,893	2,905	2%
<b>Total</b>	<b>53,045</b>	<b>54,309</b>	<b>55,446</b>	<b>56,457</b>	<b>57,341</b>	<b>58,099</b>	<b>58,730</b>	<b>59,234</b>	<b>59,613</b>	<b>59,864</b>	<b>2%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	50,978	52,206	53,311	54,293	55,152	55,888	56,501	56,991	57,358	57,602	2%
Commercial	15,177	15,543	15,872	16,164	16,420	16,639	16,821	16,967	17,077	17,149	2%
Industrial	24,588	25,180	25,713	26,186	26,600	26,955	27,251	27,487	27,665	27,782	2%
Others	3,846	3,938	4,022	4,096	4,160	4,216	4,262	4,298	4,326	4,344	2%
<b>Total</b>	<b>94,589</b>	<b>96,867</b>	<b>98,917</b>	<b>100,738</b>	<b>102,332</b>	<b>103,697</b>	<b>104,835</b>	<b>105,744</b>	<b>106,425</b>	<b>106,878</b>	<b>2%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	48	9	3	11	24						95
Expansion(ckt-km)	42				9						50
Rehabilitation(ckt-km)	6	9	3	11	16						44
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	72	21	18	23	42	10	9	9	9	9	223
Expansion	63				15						77
Rehabilitation	10	21	18	23	28	10	9	9	9	9	145
Substation Projects					2						2
Electrification Projects	10	4	5	3	4	2	3	1	3	1	36
<b>Total</b>	<b>82</b>	<b>25</b>	<b>23</b>	<b>25</b>	<b>48</b>	<b>12</b>	<b>12</b>	<b>10</b>	<b>11</b>	<b>10</b>	<b>260</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	<b>86%</b>	
No of Barangays Electrified (On-Grid)	202	202	202	202	202	202	202	202	202	202	
No. of Barangays Electrified (Off-Grid)	63	63	63	63	63	63	63	63	63	63	
<b>Total</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	<b>265</b>	
<b>Household Level (%)</b>	<b>30%</b>	<b>31%</b>	<b>31%</b>	<b>31%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	<b>32%</b>	
No. of Households Electrified (On-Grid)	46,397	47,515	48,520	49,414	50,196	50,866	51,424	51,870	52,204	52,426	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>46,397</b>	<b>47,515</b>	<b>48,520</b>	<b>49,414</b>	<b>50,196</b>	<b>50,866</b>	<b>51,424</b>	<b>51,870</b>	<b>52,204</b>	<b>52,426</b>	

### Franchise Coverage:

Covers the municipalities of Bagumbayan, Columbio, Esperanza, Isulan, Kalamansig, Lambayong, Lebak, Palimbang, President Quirino, Sen. Ninoy Aquino, Tacurong City, Buluan, Mangudadatu, Pandag, Datu Paglas, S.K. Pendatun and Paglat

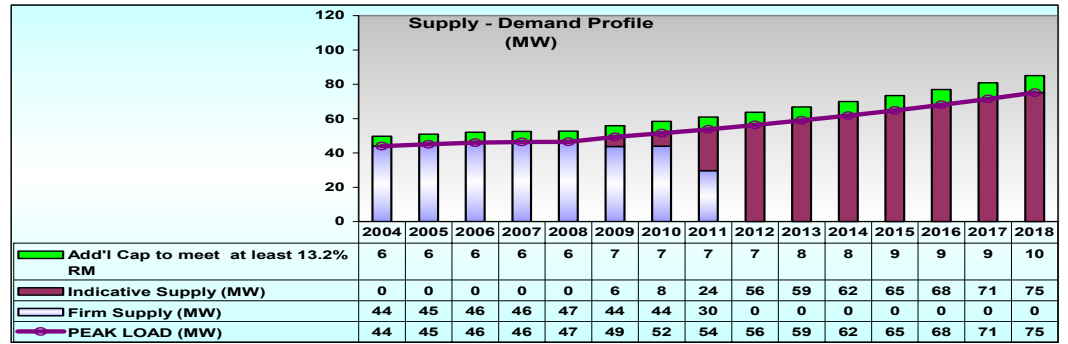
# CARAGA ELECTRIC COOPERATIVES

## Agusan del Norte Electric Cooperative, Inc. (ANECO)

General Information	
Location	Km. 2 J. C. Aquino Avenue, Butuan City
Contact Person	Horacio T. Santos
Position	General Manager
Tel. No:	(085) 341-7935/ (085) 341-5138
Fax No:	(085) 342-6000
E-mail Address	anecocentral@yahoo.com
Coverage Area	
No. of barangays	252
Franchise Population	

### SUPPLY HIGHLIGHTS

The system load profile shows a maximum demand of 47 MW and a base load of around 29 MW. System peak occurs around 6:30 pm. ANECO has a high 70% load factor in the city. Over-all system load factor is low at 61% when the other substations are included because of the dominance of residential consumers. All electricity required is purchased from NPC. The current power contract with NPC is a three-year renewable contract (2009 - 2011).



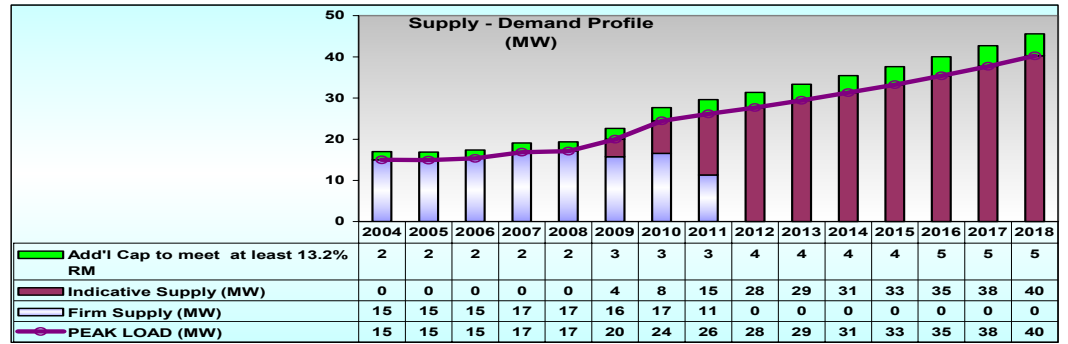
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	89,437	94,490	99,386	104,289	109,193	114,100	118,999	123,895	128,796	133,697	5%
Commercial	4,387	4,430	4,452	4,476	4,499	4,522	4,545	4,569	4,592	4,616	1%
Industrial	859	883	902	922	942	957	972	986	1,001	1,015	2%
Others	1,442	1,521	1,552	1,583	1,606	1,638	1,656	1,666	1,677	1,688	3%
<b>Total</b>	<b>96,126</b>	<b>101,323</b>	<b>106,293</b>	<b>111,269</b>	<b>116,240</b>	<b>121,216</b>	<b>126,173</b>	<b>131,116</b>	<b>136,066</b>	<b>141,017</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	98,476	104,675	110,557	117,355	124,560	132,189	140,252	148,766	157,760	167,251	6%
Commercial	23,713	26,149	28,840	31,816	35,111	38,758	42,797	47,271	52,228	57,722	10%
Industrial	55,220	56,507	57,870	59,318	60,854	62,262	63,738	65,284	66,907	68,608	2%
Others	55,185	55,773	56,375	57,006	57,646	58,307	58,977	59,658	60,356	61,070	1%
<b>Total</b>	<b>232,595</b>	<b>243,104</b>	<b>253,642</b>	<b>265,495</b>	<b>278,171</b>	<b>291,516</b>	<b>305,763</b>	<b>320,979</b>	<b>337,251</b>	<b>354,651</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	82	29	20	6							137
<i>Expansion(ckt-km)</i>	56	22		6							84
<i>Rehabilitation(ckt-km)</i>	26	7	20								53
Substation Capacity (MVA)	5	5		10	5						25
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	101	77	59	65	45	45	45	45	45	45	570
<i>Expansion</i>	69	59		56							183
<i>Rehabilitation</i>	32	18	59	9	45	45	45	45	45	45	387
Substation Projects	18			24	18						60
Electrification Projects	52	26	30	30	24	27	24	24	24	24	283
<b>Total</b>	<b>171</b>	<b>102</b>	<b>89</b>	<b>119</b>	<b>87</b>	<b>71</b>	<b>69</b>	<b>68</b>	<b>68</b>	<b>69</b>	<b>913</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	252	252	252	252	252	252	252	252	252	252	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	<b>252</b>	
<b>Household Level (%)</b>	<b>74%</b>	<b>76%</b>	<b>79%</b>	<b>81%</b>	<b>83%</b>	<b>86%</b>	<b>88%</b>	<b>90%</b>	<b>92%</b>	<b>93%</b>	
No. of Households Electrified (On-Grid)	88,915	93,788	98,656	103,530	108,406	113,284	118,155	123,023	127,895	132,768	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>88,915</b>	<b>93,788</b>	<b>98,656</b>	<b>103,530</b>	<b>108,406</b>	<b>113,284</b>	<b>118,155</b>	<b>123,023</b>	<b>127,895</b>	<b>132,768</b>	

Franchise Coverage:

Buenavista, Butuan City, Cabadbaran, Carmen, Jabonga, Kitcharao, Las Nieves, Magallanes, Nasipit, R.T. Romualdez, Santiago & Tubay

## Surigao del Norte Electric Cooperative, Inc. (SURNECO)

General Information	
Location	Narciso corner Espina St., Surigao City
Contact Person	Engr. Danny Z. Escalante
Position	General Manager
Tel. No:	(086) 826-2148
Fax No:	(086) 826-2148
E-mail Address	
Coverage Area	
No. of barangays	203
Franchise Population	
SUPPLY HIGHLIGHTS	
There are incoming big loads such as ice plants, malls, manufacturing plants and even direct tapping 69 KV consumer to the SURNECO's distribution and subtransmission system. An approximate 4,967 MWH will be added for the EC to anticipate the needed energy requirement. Supply Power Contract is from CY 2009 to 2017.	



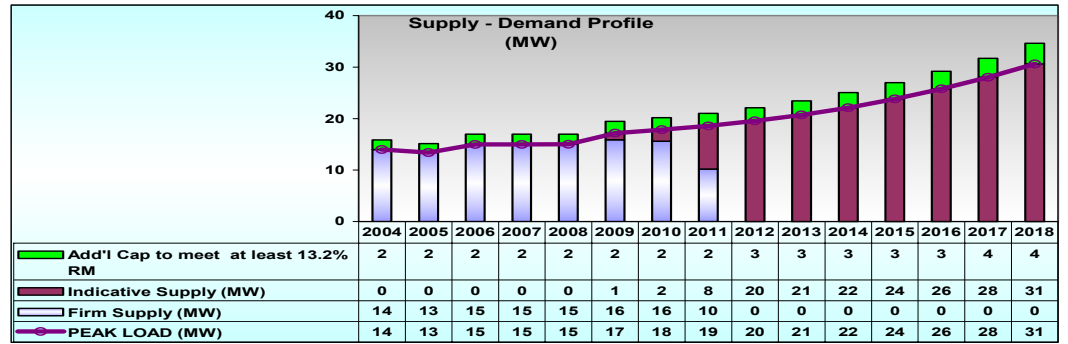
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	44,895	46,687	48,550	50,488	52,652	54,910	57,264	59,718	62,278	64,948	4%
Commercial	3,987	4,107	4,230	4,357	4,488	4,622	4,761	4,904	5,051	5,202	3%
Industrial	74	77	80	83	84	85	86	87	88	89	2%
Others	3,652	3,657	3,662	3,667	3,672	3,677	3,682	3,688	3,693	3,699	1%
<b>Total</b>	<b>52,608</b>	<b>54,528</b>	<b>56,522</b>	<b>58,594</b>	<b>60,896</b>	<b>63,294</b>	<b>65,793</b>	<b>68,396</b>	<b>71,110</b>	<b>73,937</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	43,897	48,069	52,687	56,168	60,083	64,329	68,936	73,935	79,361	85,249	8%
Commercial	24,381	26,983	29,883	33,118	36,726	40,754	45,252	50,276	55,889	62,163	11%
Industrial	4,061	4,531	5,060	5,499	5,837	6,197	6,581	6,990	7,426	7,891	8%
Others	17,358	32,866	34,701	36,674	38,796	40,965	42,111	43,338	44,650	46,056	17%
<b>Total</b>	<b>89,698</b>	<b>112,448</b>	<b>122,331</b>	<b>131,458</b>	<b>141,442</b>	<b>152,246</b>	<b>162,880</b>	<b>174,539</b>	<b>187,326</b>	<b>201,359</b>	<b>10%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	34	1	10	1	2	7	7				62
<i>Expansion(ckt-km)</i>	23		9								32
<i>Rehabilitation(ckt-km)</i>	10	1	1	1	2	7	7				30
Substation Capacity (MVA)	20										20
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	41	27	28	28	28	32	32	27	27	27	298
<i>Expansion</i>	29	5	26								59
<i>Rehabilitation</i>	13	22	2	28	28	32	32	27	27	27	239
Substation Projects	43	10	10								63
Electrification Projects	23	9	13	10	10	10	11	11	11	12	119
<b>Total</b>	<b>106</b>	<b>45</b>	<b>51</b>	<b>39</b>	<b>38</b>	<b>42</b>	<b>43</b>	<b>38</b>	<b>38</b>	<b>39</b>	<b>480</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	186	186	186	186	186	186	186	186	186	186	
No. of Barangays Electrified (Off-Grid)	17	17	17	17	17	17	17	17	17	17	
<b>Total</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	<b>203</b>	
<b>Household Level (%)</b>	<b>67%</b>	<b>68%</b>	<b>70%</b>	<b>71%</b>	<b>72%</b>	<b>74%</b>	<b>75%</b>	<b>77%</b>	<b>78%</b>	<b>80%</b>	
No. of Households Electrified (On-Grid)	44,535	46,316	48,169	50,096	52,250	54,497	56,840	59,284	61,833	64,492	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,535</b>	<b>46,316</b>	<b>48,169</b>	<b>50,096</b>	<b>52,250</b>	<b>54,497</b>	<b>56,840</b>	<b>59,284</b>	<b>61,833</b>	<b>64,492</b>	

Franchise Coverage:

Alegria, Bacuag, Claver, Gigaquit, Mainit, Malimono, Placer, San Francisco, Sison, Surigao City, Taganaan and Tubod

## Agusan del Sur Electric Cooperative, Inc. (ASELCO)

General Information	
Location	San Isidro, San Francisco, Agusan del Sur
Contact Person	Ursulo E. Anuta
Position	General Manager
Tel. No:	(085) 839-2275. (085) 343-8456
Fax No:	(085) 839-2275
E-mail Address	aselco2000@yahoo.com
Coverage Area	
No. of barangays	314
Franchise Population	
SUPPLY HIGHLIGHTS	
TSC with GENCO until 2017 Energization of 10 MVA in Bayugan in the 1st Quarter of 2009 and relocation of 5 MVA at Talacogon on the 3rd Quarter of 2009.	



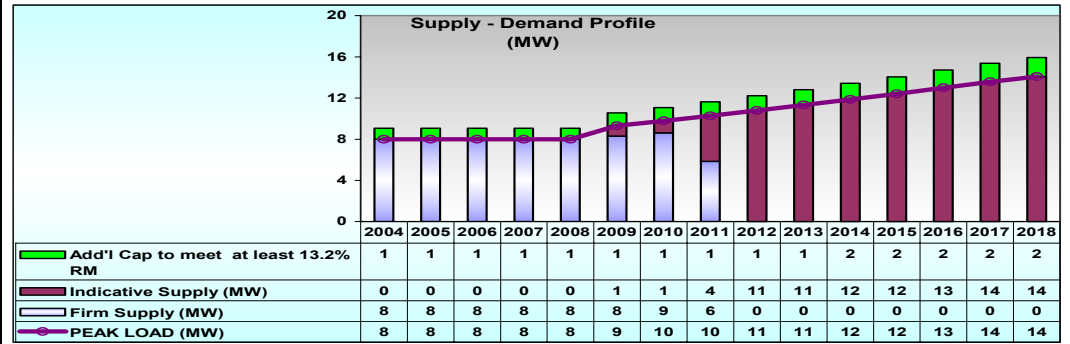
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	45,374	47,286	49,324	51,790	54,635	57,905	61,630	65,902	70,800	76,768	6%
Commercial	4,667	4,877	5,102	5,357	5,625	5,961	6,315	6,690	7,088	7,510	5%
Industrial	141	145	150	154	160	167	173	180	188	195	4%
Others	4,429	4,440	4,470	4,483	4,496	4,536	4,547	4,557	4,568	4,640	1%
<b>Total</b>	<b>54,611</b>	<b>56,749</b>	<b>59,046</b>	<b>61,784</b>	<b>64,916</b>	<b>68,569</b>	<b>72,665</b>	<b>77,330</b>	<b>82,645</b>	<b>89,113</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	35,215	37,065	39,053	41,866	45,075	48,848	53,690	59,421	66,230	74,486	8%
Commercial	14,334	15,090	16,009	17,141	18,464	20,176	22,073	24,177	26,510	29,073	8%
Industrial	14,921	16,513	18,468	20,668	23,341	26,383	29,845	33,790	38,284	43,380	12%
Others	8,456	8,605	8,832	9,024	9,230	9,616	10,023	10,449	10,903	11,477	4%
<b>Total</b>	<b>72,926</b>	<b>77,273</b>	<b>82,361</b>	<b>88,699</b>	<b>96,109</b>	<b>105,024</b>	<b>115,632</b>	<b>127,837</b>	<b>141,927</b>	<b>158,416</b>	<b>9%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	83										83
<i>Expansion(ckt-km)</i>	83										83
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)	15		10		10		10		10		55
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	96	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	99
<i>Expansion</i>	95.9										96
<i>Rehabilitation</i>		0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	3
Substation Projects	26		24		24		24		24		122
Electrification Projects	12	8	10	10	11	13	14	17	18	22	136
<b>Total</b>	<b>134</b>	<b>8</b>	<b>35</b>	<b>10</b>	<b>35</b>	<b>13</b>	<b>39</b>	<b>17</b>	<b>43</b>	<b>23</b>	<b>357</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	<b>95%</b>	
No of Barangays Electrified (On-Grid)	297	297	297	297	297	297	297	297	297	297	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	<b>297</b>	
<b>Household Level (%)</b>	<b>42%</b>	<b>43%</b>	<b>44%</b>	<b>45%</b>	<b>47%</b>	<b>49%</b>	<b>51%</b>	<b>54%</b>	<b>57%</b>	<b>60%</b>	
No. of Households Electrified (On-Grid)	44,909	46,795	48,808	51,248	54,067	57,311	61,036	65,308	70,207	76,174	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>44,909</b>	<b>46,795</b>	<b>48,808</b>	<b>51,248</b>	<b>54,067</b>	<b>57,311</b>	<b>61,036</b>	<b>65,308</b>	<b>70,207</b>	<b>76,174</b>	

Franchise Coverage:

14 municipalities: San Francisco, Prosperidad, Bayugan, Sibagat, Esperanza, San Luis, Talacogon, La Paz, Loreto, Veruela, Sta. Josefa, Trento, Bunawan and Rosario

## Surigao Del Sur II Electric Cooperative, Inc. (SURSECO II)

General Information	
Location	Tandag City, Surigao del Sur
Contact Person	Engr. Iglorio R. Hinayon
Position	General Manager
Tel. No:	(086) 211-3553
Fax No:	(086) 211-3553
E-mail Address	surseco2@yahoo.com
Coverage Area	
No. of barangays	197
Franchise Population	
SUPPLY HIGHLIGHTS	
With existing TSC which will expire in 2011.	



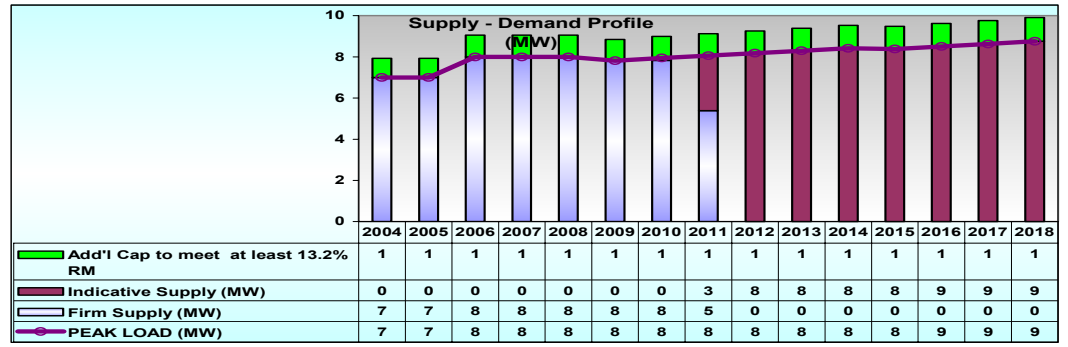
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	41,653	42,986	44,320	45,447	46,578	47,737	48,925	50,143	51,390	52,669	3%
Commercial	3,443	3,495	3,547	3,600	3,654	3,709	3,764	3,821	3,878	3,936	1%
Industrial	51	52	53	54	55	56	57	59	60	61	2%
Others	1,336	1,336	1,336	1,337	1,337	1,337	1,336	1,336	1,337	1,337	0.1%
<b>Total</b>	<b>46,483</b>	<b>47,869</b>	<b>49,256</b>	<b>50,439</b>	<b>51,625</b>	<b>52,840</b>	<b>54,083</b>	<b>55,359</b>	<b>56,665</b>	<b>58,002</b>	<b>3%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	28,562	30,306	32,153	33,946	35,838	37,835	39,943	42,170	44,520	47,001	6%
Commercial	7,685	8,424	9,233	10,121	10,992	11,848	12,591	13,291	13,922	14,555	8%
Industrial	1,752	1,789	1,826	1,864	1,904	1,944	1,985	2,026	2,070	2,113	4%
Others	4,660	4,665	4,671	4,677	4,683	4,689	4,691	4,697	4,703	4,709	0%
<b>Total</b>	<b>42,658</b>	<b>45,183</b>	<b>47,882</b>	<b>50,607</b>	<b>53,417</b>	<b>56,316</b>	<b>59,211</b>	<b>62,184</b>	<b>65,215</b>	<b>68,379</b>	<b>6%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	20										20
Expansion(ckt-km)	5										5
Rehabilitation(ckt-km)	16										16
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	21	13	15	10	9	9	9	9	9	9	112
Expansion	5										5
Rehabilitation	16	13	15	10	9	9	9	9	9	9	107
Substation Projects											
Electrification Projects	8	5	5	5	5	5	5	5	5	5	53
<b>Total</b>	<b>28</b>	<b>18</b>	<b>20</b>	<b>15</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>165</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	<b>99%</b>	
No. of Barangays Electrified (On-Grid)	195	195	195	195	195	195	195	195	195	195	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	<b>195</b>	
<b>Household Level (%)</b>	<b>84%</b>	<b>85%</b>	<b>86%</b>	<b>87%</b>	<b>87%</b>	<b>88%</b>	<b>89%</b>	<b>89%</b>	<b>90%</b>	<b>91%</b>	
No. of Households Electrified (On-Grid)	41,555	42,802	44,086	45,188	46,318	47,476	48,663	49,879	51,126	52,404	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>41,555</b>	<b>42,802</b>	<b>44,086</b>	<b>45,188</b>	<b>46,318</b>	<b>47,476</b>	<b>48,663</b>	<b>49,879</b>	<b>51,126</b>	<b>52,404</b>	

Franchise Coverage:

12 Municipalities (Bayabas, Cagwait, Cantilan, Carmen, Carrascal, Cortes, Lanuza, Madrid, Marihatag, San Miguel, Tago, and Tandag)

## Surigao Del Sur I Electric Cooperative, Inc. (SURSECO I)

General Information	
Location	San Fernando, Bislig City
Contact Person	Atty. Edwin M. Malazarte
Position	General Manager
Tel. No:	(086) 628-2212; (086)853-6096
Fax No:	(086) 628-2212; (086)853-6096
E-mail Address	surseco_1@yahoo.com
Coverage Area	
No. of barangays	112
Franchise Population	
SUPPLY HIGHLIGHTS	
SURSECO I has an existing contract with NPC at an average of 3.59M kwh per month, which will expire August 2011. The decline in the industrial sale is due to the disconnection of PICOP pumping station. The coop power supply is fully dependent on the TransCo transmission and sub-transmission facilities. The average growth rate is 0.60% per year.	



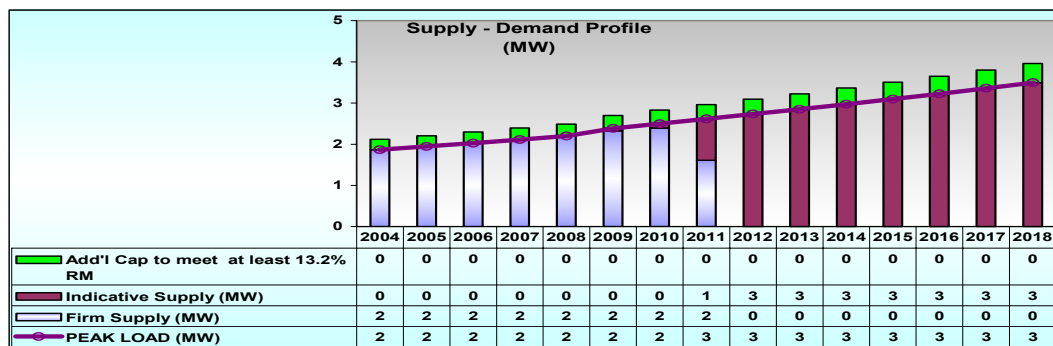
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	29,852	30,253	30,717	31,143	31,469	31,781	32,092	32,406	32,722	33,043	1%
Commercial	2,545	2,609	2,684	2,717	2,747	2,773	2,799	2,826	2,852	2,879	2%
Industrial	3	3	3	3	3	3	3	3	3	3	0%
Others	1,020	1,110	1,134	1,142	1,144	1,145	1,145	1,146	1,146	1,146	2%
<b>Total</b>	<b>33,419</b>	<b>33,975</b>	<b>34,539</b>	<b>35,006</b>	<b>35,363</b>	<b>35,703</b>	<b>36,040</b>	<b>36,380</b>	<b>36,724</b>	<b>37,071</b>	<b>1%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	17,697	18,057	18,425	18,803	19,185	19,570	19,963	20,363	20,772	21,189	2%
Commercial	9,184	9,356	9,529	9,695	9,858	10,022	10,188	10,373	10,561	10,752	2%
Industrial	2,042	2,042	2,042	2,042	2,042	2,042	2,042	2,042	2,042	2,042	0%
Others	4,134	4,193	4,222	4,239	4,255	4,271	4,287	4,303	4,320	4,337	1%
<b>Total</b>	<b>33,056</b>	<b>33,648</b>	<b>34,219</b>	<b>34,779</b>	<b>35,339</b>	<b>35,905</b>	<b>36,480</b>	<b>37,062</b>	<b>37,695</b>	<b>38,320</b>	<b>2%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	48	76	29	27	2	3					184
<i>Expansion(ckt-km)</i>	43	2	9	3							56
<i>Rehabilitation(ckt-km)</i>	5	75	20	23	2	3					128
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	23	21	9	3	2						57
<i>Expansion</i>	20		3								23
<i>Rehabilitation</i>	3	21	6	3	2						34
Substation Projects		5	5								9
Electrification Projects	19	8	5	5	5	5	5	5	5	5	65
<b>Total</b>	<b>42</b>	<b>33</b>	<b>18</b>	<b>7</b>	<b>6</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>131</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	112	112	112	112	112	112	112	112	112	112	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	<b>112</b>	
<b>Household Level (%)</b>	<b>58%</b>	<b>58%</b>	<b>58%</b>	<b>59%</b>	<b>59%</b>	<b>59%</b>	<b>60%</b>	<b>60%</b>	<b>60%</b>	<b>60%</b>	
No. of Households Electrified (On-Grid)	29,554	29,849	30,148	30,449	30,754	31,061	31,372	31,685	32,002	32,322	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>29,554</b>	<b>29,849</b>	<b>30,148</b>	<b>30,449</b>	<b>30,754</b>	<b>31,061</b>	<b>31,372</b>	<b>31,685</b>	<b>32,002</b>	<b>32,322</b>	

Franchise Coverage:

1 City (Bislig) and 6 Municipalities (Barobo, Hinatuan, Lianga, Lingig, San Agustin, and Tagbina)

## Siargao Island Electric Cooperative, Inc. (SIARELCO)

General Information	
Location	Catabaan, Dapa, Surigao del Norte
Contact Person	Sergio C. Dagoc
Position	General Manager
Tel. No:	(086) 826-5455
Fax No:	(086) 826-5455
E-mail Address	siarelco_dapa@yahoo.com
Coverage Area	
No. of barangays	132
Franchise Population	
SUPPLY HIGHLIGHTS	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	18,024	18,917	19,767	20,612	21,449	22,326	23,239	24,189	25,178	26,208	4%
Commercial	479	508	535	563	590	617	644	671	698	724	5%
Industrial											
Others	696	697	697	697	697	696	696	696	695	695	1%
<b>Total</b>	<b>19,199</b>	<b>20,121</b>	<b>20,999</b>	<b>21,871</b>	<b>22,735</b>	<b>23,639</b>	<b>24,579</b>	<b>25,556</b>	<b>26,571</b>	<b>27,627</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	6,871	7,235	7,599	7,964	8,330	8,715	9,117	9,538	9,979	10,440	5%
Commercial	2,322	2,467	2,614	2,762	2,912	3,062	3,213	3,364	3,516	3,667	5%
Industrial											
Others	1,226	1,233	1,239	1,245	1,251	1,257	1,263	1,269	1,274	1,280	1%
<b>Total</b>	<b>10,419</b>	<b>10,935</b>	<b>11,452</b>	<b>11,972</b>	<b>12,493</b>	<b>13,034</b>	<b>13,593</b>	<b>14,171</b>	<b>14,769</b>	<b>15,386</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	39										39
Expansion(ckt-km)	9										9
Rehabilitation(ckt-km)	30										30
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	23	2	2	2	2	2	2	2	2	2	41
Expansion	5										5
Rehabilitation	18	2	2	2	2	2	2	2	2	2	36
Substation Projects											
Electrification Projects	6	3	3	3	3	3	3	3	4	4	36
<b>Total</b>	<b>29</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>77</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No. of Barangays Electrified (On-Grid)	132	132	132	132	132	132	132	132	132	132	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	<b>132</b>	
<b>Household Level (%)</b>	<b>93%</b>	<b>94%</b>	<b>95%</b>	<b>95%</b>	<b>96%</b>	<b>96%</b>	<b>96%</b>	<b>97%</b>	<b>97%</b>	<b>97%</b>	
No. of Households Electrified (On-Grid)	17,999	18,854	19,705	20,550	21,386	22,263	23,176	24,126	25,115	26,145	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>17,999</b>	<b>18,854</b>	<b>19,705</b>	<b>20,550</b>	<b>21,386</b>	<b>22,263</b>	<b>23,176</b>	<b>24,126</b>	<b>25,115</b>	<b>26,145</b>	

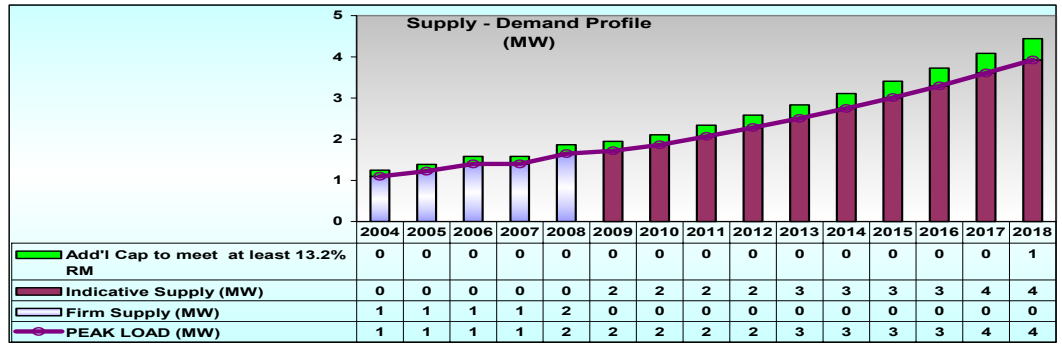
Franchise Coverage:

Burgos, Dapa, Del Carmen, General Luna, Pilar, San Benito, San Isidro, Sta. Monica, Socorro.



## Dinagat Island Electric Cooperative, Inc. (DIELCO)

General Information	
Location	Justiniana, San Jose, Province of Dinagat Islands
Contact Person	Sergio C. Dagooc
Position	General Manager
Tel. No:	(086) 826-5331 local 110
Fax No:	(086) 826-5331 local 110
E-mail Address	scdaggy@yahoo.com.ph
Coverage Area	
No. of barangays	100
Franchise Population	



**SUPPLY HIGHLIGHTS**

Sales and load forecasts are based on the assumption that NPC-SPUG can upgrade its power plant capability to cater to the increasing power demand of industries, as well as the residential and other existing consumers. At present, there is an on going construction of 2 units 500 kw genset power plant of NPC SPUG while a 500 kw mini hydro of Loreto LGU has been tested.

No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	13,406	14,221	15,084	15,997	16,807	17,655	18,545	19,479	20,458	21,485	6%
Commercial	380	391	403	411	419	428	436	445	449	454	2%
Industrial	1	1	1	1	1	1	1	1	1	1	0%
Others	417	412	409	406	407	408	409	410	411	412	1%
<b>Total</b>	<b>14,204</b>	<b>15,025</b>	<b>15,897</b>	<b>16,816</b>	<b>17,634</b>	<b>18,492</b>	<b>19,392</b>	<b>20,335</b>	<b>21,319</b>	<b>22,352</b>	<b>5%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	4,169	4,782	5,458	6,234	7,078	8,042	9,120	10,349	11,750	13,227	14%
Commercial	891	1,042	1,216	1,359	1,492	1,620	1,744	1,859	1,966	2,060	11%
Industrial	0	0	0	0	0	0	0	0	0	0	0%
Others	613	637	665	694	729	764	803	835	869	895	5%
<b>Total</b>	<b>5,673</b>	<b>6,461</b>	<b>7,339</b>	<b>8,288</b>	<b>9,300</b>	<b>10,427</b>	<b>11,666</b>	<b>13,043</b>	<b>14,585</b>	<b>16,182</b>	<b>13%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	34										34
Expansion(ckt-km)	16										16
Rehabilitation(ckt-km)	18										18
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVAr)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	18	3	3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	25
Expansion	8										8
Rehabilitation	10	3	3	0.2	0.2	0.2	0.2	0.2	0.1	0.1	16
Substation Projects											
Electrification Projects	4	3	4	4	3	4	4	4	4	5	38
<b>Total</b>	<b>22</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>4</b>	<b>5</b>	<b>63</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	100	100	100	100	100	100	100	100	100	100	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>100</b>	
<b>Household Level (%)</b>	<b>60%</b>	<b>62%</b>	<b>64%</b>	<b>66%</b>	<b>67%</b>	<b>69%</b>	<b>70%</b>	<b>72%</b>	<b>73%</b>	<b>75%</b>	
No. of Households Electrified (On-Grid)	13,232	14,026	14,867	15,759	16,547	17,375	18,244	19,156	20,114	21,119	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>13,232</b>	<b>14,026</b>	<b>14,867</b>	<b>15,759</b>	<b>16,547</b>	<b>17,375</b>	<b>18,244</b>	<b>19,156</b>	<b>20,114</b>	<b>21,119</b>	

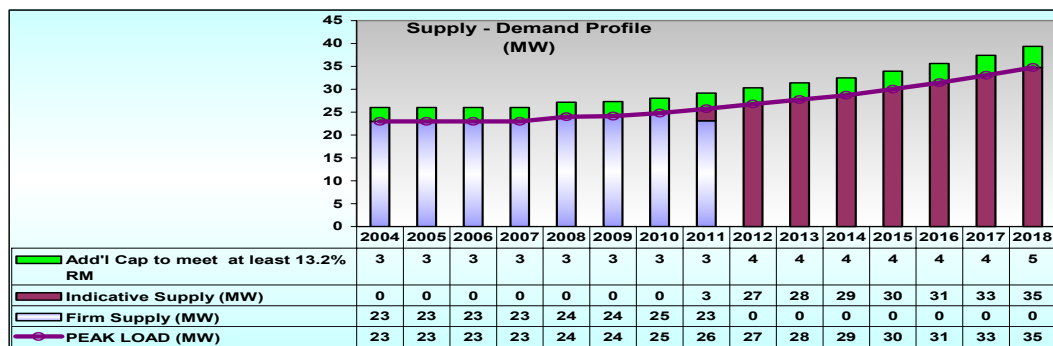
Franchise Coverage:

San Jose, Dinagat, Cagdianao, Basilisa, Libjo, Tubajon, and Loreto

AUTONOMOUS REGION  
IN MUSLIM MINDANAO  
(ARMM)  
ELECTRIC COOPERATIVES

## Lanao del Sur Electric Cooperative, Inc. (LASURECO)

General Information	
Location	Maliwanag, Marawi City
Contact Person	Sultan Ashary P. Maongco
Position	General Manager
Tel. No:	9197630531
Fax No:	
E-mail Address	Teamlasureco@yahoo.com
Coverage Area	
No. of barangays	1,191
Franchise Population	
SUPPLY HIGHLIGHTS	
NPC providing thru TRANSCO lines the required power needs of LASURECO. Annual contract is at an average of 136,800MWH.	



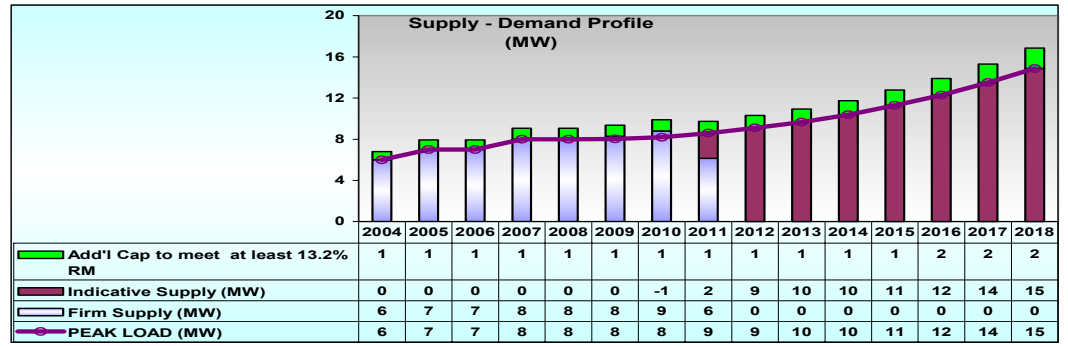
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	44,481	46,658	48,633	50,265	51,500	52,294	53,108	53,942	54,796	55,670	4%
Commercial	1,804	1,815	1,825	1,836	1,847	1,859	1,870	1,881	1,892	1,904	1%
Industrial	43	43	43	43	43	43	43	43	43	43	0%
Others	327	327	320	320	320	320	320	320	320	320	0%
<b>Total</b>	<b>46,654</b>	<b>48,843</b>	<b>50,822</b>	<b>52,464</b>	<b>53,710</b>	<b>54,516</b>	<b>55,341</b>	<b>56,186</b>	<b>57,051</b>	<b>57,936</b>	<b>4%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	62,443	68,845	75,753	83,170	90,774	98,473	106,725	115,657	125,569	136,308	9%
Commercial	4,938	4,999	5,061	5,124	5,188	5,253	5,318	5,385	5,452	5,520	1%
Industrial	1,532	1,547	1,563	1,579	1,594	1,610	1,626	1,643	1,659	1,676	1%
Others	3,284	3,318	3,322	3,355	3,388	3,422	3,457	3,491	3,526	3,561	1%
<b>Total</b>	<b>72,197</b>	<b>78,710</b>	<b>85,698</b>	<b>93,228</b>	<b>100,944</b>	<b>108,758</b>	<b>117,126</b>	<b>126,175</b>	<b>136,207</b>	<b>147,065</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	450	6									457
<i>Expansion(ckt-km)</i>	430										430
<i>Rehabilitation(ckt-km)</i>	20	6									27
Substation Capacity (MVA)	20										20
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	245	3									248
<i>Expansion</i>	234										234
<i>Rehabilitation</i>	11	3									14
Substation Projects	30										30
Electrification Projects	27	13	16	8	13	5	11	4	10	4	111
<b>Total</b>	<b>302</b>	<b>16</b>	<b>16</b>	<b>8</b>	<b>13</b>	<b>5</b>	<b>11</b>	<b>4</b>	<b>10</b>	<b>4</b>	<b>389</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	1,191	
No. of Barangays Electrified (Off-Grid)											
<b>Total</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	<b>1,191</b>	
<b>Household Level (%)</b>	<b>63%</b>	<b>67%</b>	<b>69%</b>	<b>71%</b>	<b>72%</b>	<b>72%</b>	<b>72%</b>	<b>73%</b>	<b>73%</b>	<b>73%</b>	
No. of Households Electrified (On-Grid)	39,877	42,907	45,053	46,855	48,261	49,226	50,210	51,215	52,239	53,284	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>39,877</b>	<b>42,907</b>	<b>45,053</b>	<b>46,855</b>	<b>48,261</b>	<b>49,226</b>	<b>50,210</b>	<b>51,215</b>	<b>52,239</b>	<b>53,284</b>	

Franchise Coverage:

Province of Lanao del Sur( except Wao & Bumbaran): Marawi City,Baloil,Pantar, and Pantao Aragat.

## Maguindanao Electric Cooperative, Inc. (MAGELCO)

General Information	
Location	Datu Odin Sinsuat, Shariff Kabunsuan
Contact Person	Della B. Sotelo
Position	General Manager
Tel. No:	(064) 431-0088
Fax No:	(064) 431-0362
E-mail Address	MAGELCO.AWANG@yahoo.com
Coverage Area	
No. of barangays	206
Franchise Population	
SUPPLY HIGHLIGHTS	
Supply contract with NPC expires in 2011. Demand data is exclusive of the data from the 6 municipalities of Cotabato. Pikit, Pigkawayan, Aleosan, Libungan, Midsayap & Alamada. Supply contract will be revised to exclude the said 6 municipalities.	



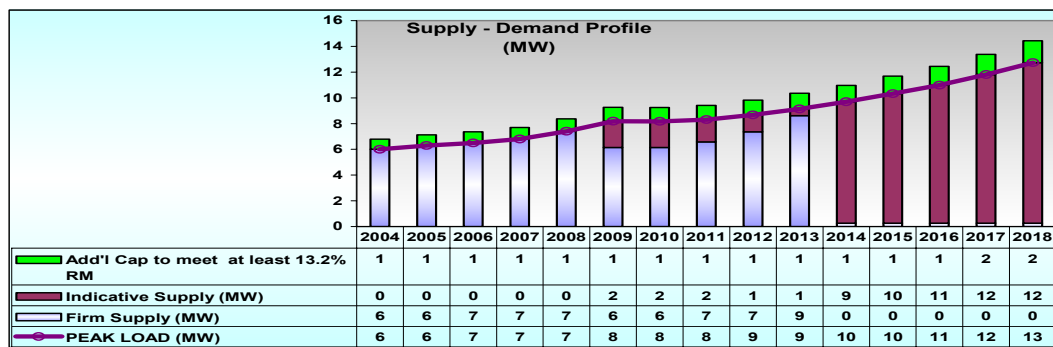
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	16,508	18,494	20,626	22,915	25,380	28,036	30,904	34,004	37,360	40,996	12%
Commercial	1,158	1,164	1,169	1,175	1,181	1,187	1,193	1,199	1,205	1,211	1%
Industrial	141	148	155	163	171	180	189	198	208	218	5%
Others	347	347	348	348	348	348	349	349	350	350	0.4%
<b>Total</b>	<b>18,153</b>	<b>20,153</b>	<b>22,298</b>	<b>24,601</b>	<b>27,080</b>	<b>29,751</b>	<b>32,634</b>	<b>35,750</b>	<b>39,122</b>	<b>42,776</b>	<b>11%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	17,088	19,765	22,210	24,711	27,489	30,573	33,968	37,734	41,912	46,548	12%
Commercial	2,435	2,501	2,570	2,642	2,717	2,793	2,872	2,952	3,035	3,121	3%
Industrial	4,922	5,426	5,982	6,595	7,271	8,017	8,838	9,744	10,743	11,844	10%
Others	2,033	2,123	2,218	2,318	2,421	2,528	2,639	2,756	2,877	3,004	5%
<b>Total</b>	<b>26,477</b>	<b>29,816</b>	<b>32,981</b>	<b>36,267</b>	<b>39,898</b>	<b>43,911</b>	<b>48,317</b>	<b>53,186</b>	<b>58,568</b>	<b>64,518</b>	<b>11%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	373										373
<i>Expansion(ckt-km)</i>	373										373
<i>Rehabilitation(ckt-km)</i>											
Substation Capacity (MVA)	5										5
Reactive Power Compensation Plan (MVar)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	89										89
<i>Expansion</i>	89										89
<i>Rehabilitation</i>											
Substation Projects	18										18
Electrification Projects	29	7	7	8	9	9	10	11	12	12	113
<b>Total</b>	<b>136</b>	<b>7</b>	<b>7</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>12</b>	<b>12</b>	<b>220</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	185	185	185	185	185	185	185	185	185	185	
No. of Barangays Electrified (Off-Grid)	21	21	21	21	21	21	21	21	21	21	
<b>Total</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	<b>206</b>	
<b>Household Level (%)</b>	<b>10%</b>	<b>11%</b>	<b>12%</b>	<b>13%</b>	<b>14%</b>	<b>15%</b>	<b>16%</b>	<b>18%</b>	<b>19%</b>	<b>21%</b>	
No. of Households Electrified (On-Grid)	14,428	15,870	17,457	19,203	21,123	23,236	25,559	28,115	30,927	34,020	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>14,428</b>	<b>15,870</b>	<b>17,457</b>	<b>19,203</b>	<b>21,123</b>	<b>23,236</b>	<b>25,559</b>	<b>28,115</b>	<b>30,927</b>	<b>34,020</b>	

Franchise Coverage:

Parang, Sultan Kudarat, Sultan Mastura, Matanog, Buldon, Barira, North & South Upi, Datu Odin Sinsuat, Kabuntalan, North Kabuntalan, Talitay, Talayan, Guindulungan, Datu Anggal Midtimbang, Datu Unsay Ampatuan, Datu Saudi Ampatuan, Datu Piang, Rajah Buayan.

## Basilan Electric Cooperative, Inc. (BASELCO)

General Information	
Location	Km. 3 Binuangan, Isabela City, Basilan
Contact Person	Alfredo E. Oyao
Position	General Manager
Tel. No:	(062) 200-7905
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	284
Franchise Population	
SUPPLY HIGHLIGHTS	
Power Contract with NPC expired in CY 2008 and extended until power contract is renewed.	



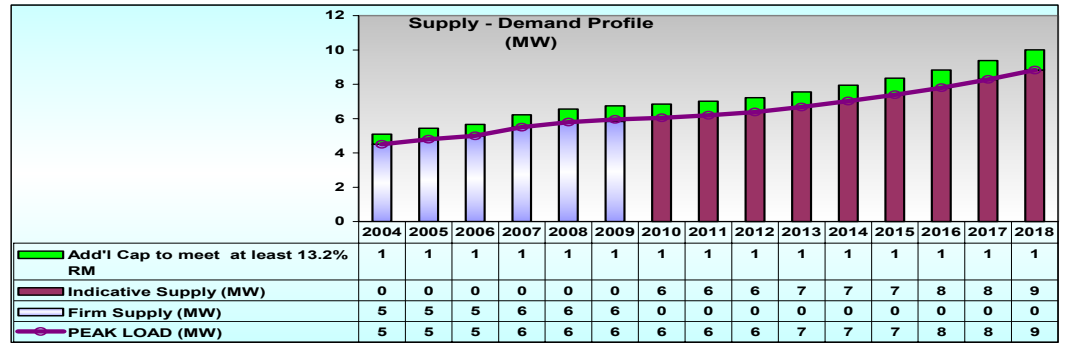
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	24,231	25,948	27,784	29,884	32,140	33,765	36,307	39,039	41,973	45,125	7%
Commercial	1,317	1,449	1,623	1,818	2,036	2,280	2,554	2,860	3,203	3,588	12%
Industrial	6	7	7	7	8	8	9	9	10	10	5%
Others	577	579	582	583	585	586	586	589	590	591	1%
<b>Total</b>	<b>26,132</b>	<b>27,983</b>	<b>29,996</b>	<b>32,292</b>	<b>34,769</b>	<b>36,639</b>	<b>39,456</b>	<b>42,497</b>	<b>45,775</b>	<b>49,313</b>	<b>8%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	14,583	15,105	15,716	16,449	17,305	18,145	19,270	20,572	22,075	23,806	5%
Commercial	3,393	3,606	3,880	4,232	4,653	5,156	5,754	6,432	7,200	8,071	10%
Industrial	1,346	1,460	1,592	1,747	1,917	2,105	2,312	2,541	2,795	3,075	9%
Others	4,832	5,027	5,234	5,457	5,695	5,946	6,066	6,207	6,353	6,506	16%
<b>Total</b>	<b>24,154</b>	<b>25,198</b>	<b>26,422</b>	<b>27,885</b>	<b>29,571</b>	<b>31,353</b>	<b>33,403</b>	<b>35,752</b>	<b>38,423</b>	<b>41,458</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	14	3	6	4	2	5	7	5			45
Expansion(ckt-km)	11										11
Rehabilitation(ckt-km)	3	3	6	4	2	5	7	5			35
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	25	15	15	15	15	14	15	15	13	12	154
Expansion	20										20
Rehabilitation	6	15	15	15	15	14	15	15	13	12	135
Substation Projects											
Electrification Projects	15	9	8	8	9	7	10	11	12	13	101
<b>Total</b>	<b>41</b>	<b>24</b>	<b>23</b>	<b>23</b>	<b>23</b>	<b>21</b>	<b>25</b>	<b>26</b>	<b>24</b>	<b>25</b>	<b>255</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	278	278	278	278	278	278	278	278	278	278	
No. of Barangays Electrified (Off-Grid)	6	6	6	6	6	6	6	6	6	6	
<b>Total</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	<b>284</b>	
<b>Household Level (%)</b>	<b>35%</b>	<b>36%</b>	<b>38%</b>	<b>39%</b>	<b>41%</b>	<b>42%</b>	<b>44%</b>	<b>46%</b>	<b>47%</b>	<b>49%</b>	
No. of Households Electrified (On-Grid)	24,136	25,825	27,633	29,706	31,934	33,530	36,045	38,748	41,655	44,779	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>24,136</b>	<b>25,825</b>	<b>27,633</b>	<b>29,706</b>	<b>31,934</b>	<b>33,530</b>	<b>36,045</b>	<b>38,748</b>	<b>41,655</b>	<b>44,779</b>	

Franchise Coverage:

Composed of one City: Isabela City and six (6) municipalities namely: Lamitan, Lantawan, Maluso, Sumisip, Tipo-Tipo and Tuburan.

## Sulu Electric Cooperative, Inc. (SULECO)

General Information	
Location	Poblacion, Siasi, Sulu
Contact Person	Peraida T. Akalal
Position	General Manager
Tel. No:	0918979568/09196782007
Fax No:	
E-mail Address	
Coverage Area	1,600.40 sq.km.
No. of barangays	263
Franchise Population	
SUPPLY HIGHLIGHTS	
Power Contract with NPC-SPUG will expire on December 2009. However, the succeeding years for contracted energy will depend on the final output of consultative Conference of the Off-grid ECs and On-grid ECs in isolated areas.	



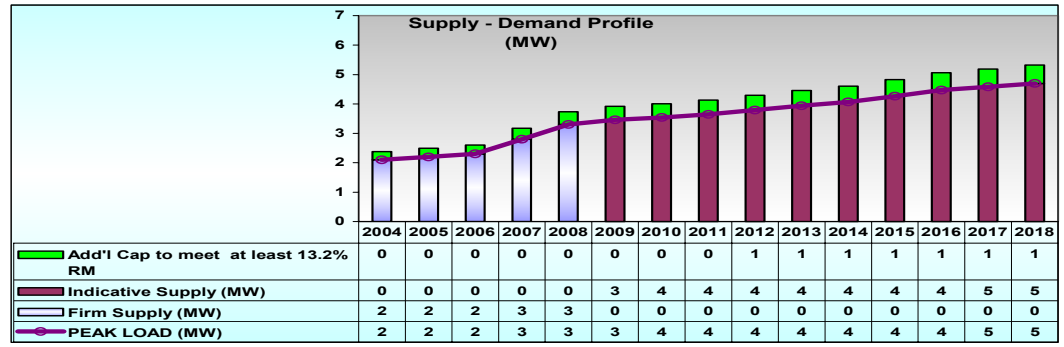
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	16,777	19,384	22,029	24,884	27,799	30,779	31,985	33,274	34,630	36,067	10%
Commercial	1,113	1,152	1,202	1,266	1,333	1,403	1,470	1,539	1,613	1,690	5%
Industrial											
Others	309	315	322	324	325	327	329	331	334	336	1%
<b>Total</b>	<b>18,198</b>	<b>20,851</b>	<b>23,554</b>	<b>26,474</b>	<b>29,458</b>	<b>32,509</b>	<b>33,784</b>	<b>35,145</b>	<b>36,576</b>	<b>38,093</b>	<b>9%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	14,946	16,032	17,215	18,729	20,356	22,106	23,832	25,710	27,728	29,911	8%
Commercial	3,667	3,892	4,230	4,709	5,241	5,833	6,490	7,221	8,035	8,941	10%
Industrial											
Others	3,681	3,935	4,255	4,576	4,943	5,342	5,776	6,247	6,759	7,317	8%
<b>Total</b>	<b>22,294</b>	<b>23,859</b>	<b>25,700</b>	<b>28,013</b>	<b>30,540</b>	<b>33,282</b>	<b>36,098</b>	<b>39,178</b>	<b>42,522</b>	<b>46,168</b>	<b>8%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	43	32	14								89
Expansion(ckt-km)	42										42
Rehabilitation(ckt-km)	1	32	14								47
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	70	27	19								116
Expansion	68										68
Rehabilitation	2	27	19								49
Substation Projects											
Electrification Projects	49	20	15	11	10	10	8	4	5	8	140
<b>Total</b>	<b>119</b>	<b>48</b>	<b>34</b>	<b>11</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>8</b>	<b>257</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	207	207	207	207	207	207	207	207	207	207	
No. of Barangays Electrified (Off-Grid)	56	56	56	56	56	56	56	56	56	56	
<b>Total</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	<b>263</b>	
<b>Household Level (%)</b>	<b>12%</b>	<b>12%</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>	<b>16%</b>	<b>16%</b>	<b>17%</b>	
No. of Households Electrified (On-Grid)	15,309	16,074	16,878	17,890	18,964	20,102	21,308	22,597	23,953	25,390	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>15,309</b>	<b>16,074</b>	<b>16,878</b>	<b>17,890</b>	<b>18,964</b>	<b>20,102</b>	<b>21,308</b>	<b>22,597</b>	<b>23,953</b>	<b>25,390</b>	

Franchise Coverage:

Municipalities of Indanan, Jolo, Kalingalan Caluang, Lugus Is., Luuk, Maimbung, Old Panamao, Panglima, Estino, Paran, Patikul and Talipao

## Tawi-Tawi Electric Cooperative, Inc. (TAWELCO)

General Information	
Location	Tubig Boh, Bongao, Tawi-Tawi
Contact Person	Engr. Sergio A. Bautista
Position	General Manager
Tel. No:	(068) 268 1363/268 1304
Fax No:	(068) 268 1363
E-mail Address	
Coverage Area	
No. of barangays	185
Franchise Population	
SUPPLY HIGHLIGHTS	
TAWELCO has an average load factor of 53%. The system load profile for CY 2009 shows a maximum demand of 3.5 MW. Supply from NPC-SPUG expired in CY 2008. As of to date, no Power Contract is renewed.	



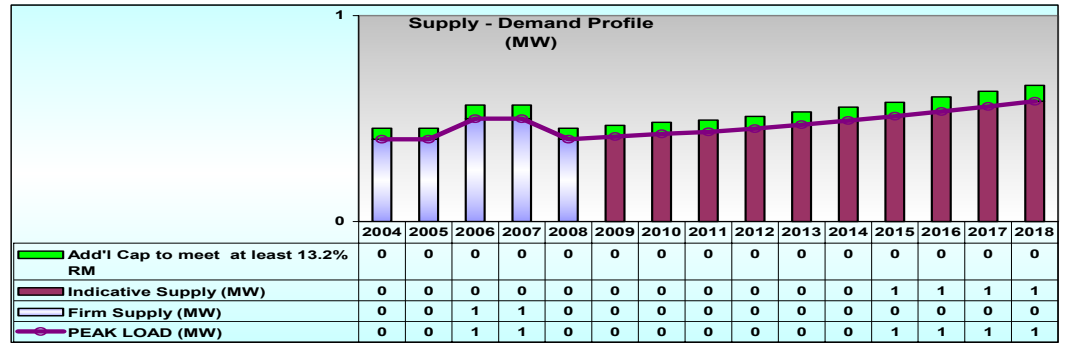
No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	6,092	8,277	10,718	13,174	15,646	18,135	18,495	18,873	19,271	19,688	14%
Commercial	674	680	687	718	750	784	819	856	895	935	4%
Industrial											
Others	292	742	1,215	1,688	2,162	2,206	2,218	2,218	2,218	2,218	34%
<b>Total</b>	<b>7,057</b>	<b>9,699</b>	<b>12,620</b>	<b>15,581</b>	<b>18,558</b>	<b>21,124</b>	<b>21,532</b>	<b>21,947</b>	<b>22,383</b>	<b>22,841</b>	<b>15%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	5,050	5,357	5,740	6,187	6,694	7,264	7,621	8,009	8,224	8,449	6%
Commercial	3,963	4,222	4,457	4,736	5,020	5,319	5,632	5,962	6,118	6,281	7%
Industrial											
Others	1,087	1,320	1,618	1,983	2,242	2,299	2,341	2,381	2,421	2,460	10%
<b>Total</b>	<b>10,099</b>	<b>10,898</b>	<b>11,815</b>	<b>12,906</b>	<b>13,955</b>	<b>14,882</b>	<b>15,595</b>	<b>16,352</b>	<b>16,762</b>	<b>17,190</b>	<b>7%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	20	10									29
Expansion(ckt-km)	18	10									28
Rehabilitation(ckt-km)	2										2
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	30	9	0.2								38
Expansion	27	9									36
Rehabilitation	3		0.2								3
Substation Projects											
Electrification Projects	13	9	9	10	10	8	1	1	1	1	64
<b>Total</b>	<b>43</b>	<b>17</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>8</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>103</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	108	108	108	108	108	108	108	108	108	108	
No. of Barangays Electrified (Off-Grid)	77	77	77	77	77	77	77	77	77	77	
<b>Total</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	<b>185</b>	
<b>Household Level (%)</b>	<b>6%</b>	<b>6%</b>	<b>7%</b>	<b>7%</b>	<b>7%</b>	<b>7%</b>	<b>7%</b>	<b>8%</b>	<b>8%</b>	<b>8%</b>	
No. of Households Electrified (On-Grid)	5,647	5,929	6,226	6,537	6,864	7,207	7,567	7,946	8,343	8,760	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>5,647</b>	<b>5,929</b>	<b>6,226</b>	<b>6,537</b>	<b>6,864</b>	<b>7,207</b>	<b>7,567</b>	<b>7,946</b>	<b>8,343</b>	<b>8,760</b>	

Franchise Coverage:

Municipalities of Bongao, Languyan, Panglima Sugala, Sapa-sapa, Simunul, Sitangkai, South Ubian and Tandubas.

## Siasi Electric Cooperative, Inc. (SIASELCO)

General Information	
Location	Poblacion, Siasi, Sulu
Contact Person	Attha I. Anuddin
Position	General Manager
Tel. No:	9212400462
Fax No:	
E-mail Address	
Coverage Area	
No. of barangays	66
Franchise Population	
SUPPLY HIGHLIGHTS	
Load forecast is based on a five-year historical data. The EC has an average load factor of 37%. System peak occurs around 7PM. Supply from NPC-SPUG expired in CY 2008 and is extended until power contract is renewed.	



No. of Customers	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	1,768	1,872	1,981	2,094	2,211	2,333	2,460	2,593	2,706	2,824	6%
Commercial	184	193	203	213	223	235	246	259	271	285	5%
Industrial	4	4	4	4	4	4	4	4	4	4	1%
Others	294	295	297	298	300	302	304	306	308	310	1%
<b>Total</b>	<b>2,249</b>	<b>2,364</b>	<b>2,485</b>	<b>2,609</b>	<b>2,739</b>	<b>2,874</b>	<b>3,015</b>	<b>3,161</b>	<b>3,290</b>	<b>3,424</b>	<b>6%</b>
Energy Sales per Customer Type (MWh)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	AAGR
Residential	918	966	1,017	1,071	1,131	1,195	1,261	1,333	1,409	1,489	6%
Commercial	221	233	246	259	274	290	307	326	347	368	6%
Industrial	189	192	196	200	203	207	212	216	221	226	2%
Others	168	171	174	178	181	185	189	193	197	202	2%
<b>Total</b>	<b>1,496</b>	<b>1,563</b>	<b>1,633</b>	<b>1,708</b>	<b>1,790</b>	<b>1,878</b>	<b>1,969</b>	<b>2,069</b>	<b>2,174</b>	<b>2,285</b>	<b>5%</b>
Projected Infrastructure Requirements	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Sub-transmission Facilities	14										14
Expansion(ckt-km)	14										14
Rehabilitation(ckt-km)											
Substation Capacity (MVA)											
Reactive Power Compensation Plan (MVAR)											
Capital Investment Requirements(in Million Php)	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	TOTAL
Distribution/Subtransmission Facilities	1			1	1						3
Expansion	1										1
Rehabilitation				1	1						2
Substation Projects											
Electrification Projects		1				1	1	1		1	3
<b>Total</b>	<b>1</b>	<b>1</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>		<b>1</b>	<b>5</b>
Level of Electrification	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
<b>Barangay Level (%)</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>	
No of Barangays Electrified (On-Grid)	36	36	36	36	36	36	36	36	36	36	
No. of Barangays Electrified (Off-Grid)	30	30	30	30	30	30	30	30	30	30	
<b>Total</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	<b>66</b>	
<b>Household Level (%)</b>	<b>12%</b>	<b>13%</b>	<b>13%</b>	<b>14%</b>	<b>14%</b>	<b>14%</b>	<b>15%</b>	<b>15%</b>	<b>16%</b>	<b>16%</b>	
No. of Households Electrified (On-Grid)	1,608	1,688	1,772	1,861	1,954	2,052	2,154	2,262	2,375	2,494	
No. of Households Electrified (Off-Grid)											
<b>Total</b>	<b>1,608</b>	<b>1,688</b>	<b>1,772</b>	<b>1,861</b>	<b>1,954</b>	<b>2,052</b>	<b>2,154</b>	<b>2,262</b>	<b>2,375</b>	<b>2,494</b>	

Franchise Coverage:

Municipalities of Siasi and Pandami



Electric Cooperatives in the Philippines							
Electric Cooperatives	Acronym	Region	Electric Cooperatives	Acronym	Region		
<b>LUZON</b>							
1	Abra Electric Cooperative, Inc.	ABRECO	CAR	29	Zambales I Electric Cooperative, Inc.	ZAMECO I	Region 3
2	Benguet Electric Cooperative, Inc.	BENECO	CAR	30	Zambales II Electric Cooperative, Inc.	ZAMECO II	Region 3
3	Ifugao Electric Cooperative, Inc.	IFELCO	CAR	31	Nueva Ecija II - Area 2 Electric Cooperative, Inc.	NEECO II-Area 2	Region 3
4	Kalinga-Apayao Electric Cooperative, Inc. *	KAELCO	CAR	32	Aurora Electric Cooperative, Inc. *	AURELCO	Region 3
5	Mountain Province Electric Cooperative, Inc.	MOPRECO	CAR	33	First Laguna Electric Cooperative, Inc.	FLECO	Region 4A
6	Ilocos Norte Electric Cooperative, Inc.	INEC	Region 1	34	Batangas I Electric Cooperative, Inc.	BATELEC I	Region 4A
7	Ilocos Sur Electric Cooperative, Inc.	ISECO	Region 1	35	Batangas II Electric Cooperative, Inc. ***	BATELEC II	Region 4A
8	La Union Electric Cooperative, Inc.	LUELCO	Region 1	36	Quezon I Electric Cooperative, Inc.	QUEZELCO I	Region 4A
9	Pangasinan I Electric Cooperative, Inc.	PANELCO I	Region 1	37	Quezon II Electric Cooperative, Inc. ***	QUEZELCO II	Region 4A
10	Central Pangasinan Electric Cooperative, Inc.	CENPELCO	Region 1	38	Lubang Electric Cooperative, Inc. **	LUBELCO	Region 4B
11	Pangasinan III Electric Cooperative, Inc.	PANELCO III	Region 1	39	Occidental Mindoro Electric Cooperative, Inc. **	OMECCO	Region 4B
12	Batanes Electric Cooperative, Inc. **	BATANELCO	Region 2	40	Oriental Mindoro Electric Cooperative, Inc. **	ORMECCO	Region 4B
13	Cagayan I Electric Cooperative, Inc.	CAGELCO I	Region 2	41	Marinduque Electric Cooperative, Inc. **	MARELCO	Region 4B
14	Cagayan II Electric Cooperative, Inc. ***	CAGELCO II	Region 2	42	Tablas Island Electric Cooperative, Inc. **	TIELCO	Region 4B
15	Isabela I Electric Cooperative, Inc.	ISELCO I	Region 2	43	Romblon Electric Cooperative, Inc. **	ROMELCO	Region 4B
16	Isabela II Electric Cooperative, Inc. *	ISELCO II	Region 2	44	Busuanga Island Electric Cooperative, Inc. **	BISELCO	Region 4B
17	Nueva Vizcaya Electric Cooperative, Inc.	NUVELCO	Region 2	45	Palawan Electric Cooperative, Inc. **	PALECO	Region 4B
18	Quirino Electric Cooperative, Inc.	QUIRELCO	Region 2	46	Camarines Norte Electric Cooperative, Inc.	CANORECO	Region 5
19	Tarlac I Electric Cooperative, Inc.	TARELCO I	Region 3	47	Camarines Sur I Electric Cooperative, Inc.	CASURECO I	Region 5
20	Tarlac II Electric Cooperative, Inc.	TARELCO II	Region 3	48	Camarines Sur II Electric Cooperative, Inc.	CASURECO II	Region 5
21	Nueva Ecija I Electric Cooperative, Inc.	NEECO I	Region 3	49	Camarines Sur III Electric Cooperative, Inc.	CASURECO III	Region 5
22	Nueva Ecija II - Area 1 Electric Cooperative, Inc.	NEECO II-Area 1	Region 3	50	Camarines Sur IV Electric Cooperative, Inc.	CASURECO IV	Region 5
23	San Jose City Electric Cooperative, Inc.	SAJELCO	Region 3	51	Albay Electric Cooperative, Inc. ***	ALECO	Region 5
24	Pampanga Rural Electric Cooperative, Inc.	PRESOCO	Region 3	52	Sorsogon I Electric Cooperative, Inc.	SORECO I	Region 5
25	Pampanga I Electric Cooperative, Inc.	PELCO I	Region 3	53	Sorsogon II Electric Cooperative, Inc.	SORECO II	Region 5
26	Pampanga II Electric Cooperative, Inc.	PELCO II	Region 3	54	First Catanduanes Electric Cooperative, Inc. **	FICELCO	Region 5
27	Pampanga III Electric Cooperative, Inc.	PELCO III	Region 3	55	Masbate Electric Cooperative, Inc. **	MASELCO	Region 5
28	Peninsula Electric Cooperative, Inc.	PENELCO	Region 3	56	Ticao Electric Cooperative, Inc. **	TISELCO	Region 5
<b>Visayas</b>							
1	Aklan Electric Cooperative, Inc.	AKELCO	Region 6	17	Province of Siquijor Electric Cooperative, Inc. **	PROSIELCO	Region 7
2	Antique Electric Cooperative, Inc. ***	ANTECO	Region 6	18	Camotes Island Electric Cooperative, Inc. **	CELCO	Region 7
3	Capiz Electric Cooperative, Inc.	CAPELCO	Region 6	19	Bohol I Electric Cooperative, Inc.	BOHECO I	Region 7
4	Iloilo I Electric Cooperative, Inc.	ILECO I	Region 6	20	Bohol II Electric Cooperative, Inc.	BOHECO II	Region 7
5	Iloilo II Electric Cooperative, Inc.	ILECO II	Region 6	21	Don Orestes Romualdez Electric Cooperative, Inc.	DORELCO	Region 8
6	Iloilo III Electric Cooperative, Inc. ***	ILECO III	Region 6	22	Leyte II Electric Cooperative, Inc.	LEYECO II	Region 8
7	Guimaras Electric Cooperative, Inc.	GUIMELCO	Region 6	23	Leyte III Electric Cooperative, Inc.	LEYECO III	Region 8
8	VMCR Rural Electric Service Cooperative, Inc.	VRESOCO	Region 6	24	Leyte IV Electric Cooperative, Inc.	LEYECO IV	Region 8
9	Central Negros Electric Cooperative, Inc.	CENECO	Region 6	25	Leyte V Electric Cooperative, Inc.	LEYECO V	Region 8
10	Negros Occidental Electric Cooperative, Inc.	NOCECO	Region 6	26	Southern Leyte Electric Cooperative, Inc. ***	SOLECO	Region 8
11	Negros Oriental I Electric Cooperative, Inc.	NORECO I	Region 7	27	Biliran Island Electric Cooperative, Inc. **	BILECO	Region 8
12	Negros Oriental II Electric Cooperative, Inc.	NORECO II	Region 7	28	Northern Samar Electric Cooperative, Inc. ***	NORSAMELCO	Region 8
13	Bantayan Island Electric Cooperative, Inc. **	BANELCO	Region 7	29	Samar I Electric Cooperative, Inc. ***	SAMELCO I	Region 8
14	Cebu I Electric Cooperative, Inc.	CEBECO I	Region 7	30	Samar II Electric Cooperative, Inc. ***	SAMELCO II	Region 8
15	Cebu II Electric Cooperative, Inc.	CEBECO II	Region 7	31	Eastern Samar Electric Cooperative, Inc.	ESAMELCO	Region 8
16	Cebu III Electric Cooperative, Inc.	CEBECO III	Region 7				

\* with isolated grid

\*\* island grid served by NPC-SPUG and/or NPP

\*\*\* with islands served by NPC-SPUG

Mindanao							
1	Zamboanga Del Norte Electric Cooperative, Inc.	ZANECO	Region 9	18	Cotabato Electric Cooperative, Inc.	COTELCO	Region 12
2	Zamboanga Del Sur I Electric Cooperative, Inc.	ZAMSURECO I	Region 9	19	Sultan Kudarat Electric Cooperative, Inc. *	SUKELCO	Region 12
3	Zamboanga Del Sur II Electric Cooperative, Inc.	ZAMSURECO II	Region 9	20	Agusan Del Norte Electric Cooperative, Inc.	ANECO	CARAGA
4	Zamboanga City Electric Cooperative, Inc.	ZAMCELCO	Region 9	21	Agusan Del Sur Electric Cooperative, Inc.	ASELCO	CARAGA
5	Misamis Oriental I Electric Cooperative, Inc.	MORESCO I	Region 10	22	Siargao Island Electric Cooperative, Inc.	SIARELCO	CARAGA
6	Misamis Oriental II Electric Cooperative, Inc.	MORESCO 2	Region 10	23	Surigao Del Sur I Electric Cooperative, Inc.	SURSECO I	CARAGA
7	Misamis Occidental I Electric Cooperative, Inc.	MOELCI I	Region 10	24	Surigao Del Sur II Electric Cooperative, Inc.	SURSECO II	CARAGA
8	Misamis Occidental II Electric Cooperative, Inc.	MOELCI II	Region 10	25	Dinagat Island Electric Cooperative, Inc. **	DIELCO	CARAGA
9	First Bukidnon Electric Cooperative, Inc.	FIBECO	Region 10	26	Surigao Del Norte Electric Cooperative, Inc. ***	SURNECO	CARAGA
10	Bukidnon II Electric Cooperative, Inc.	BUSECO	Region 10	27	Tawi-Tawi Electric Cooperative, Inc. **	TAWELCO	ARMM
11	Camiguin Electric Cooperative, Inc.	CAMELCO	Region 10	28	Siasi Electric Cooperative, Inc. **	SIASELCO	ARMM
12	Lanao Del Norte Electric Cooperative, Inc.	LANECO	Region 10	29	Sulu Electric Cooperative, Inc. **	SULECO	ARMM
13	Davao Del Sur Electric Cooperative, Inc. *	DASURECO	Region 11	30	Maguindanao Electric Cooperative, Inc.	MAGELCO	ARMM
14	Davao Oriental Electric Cooperative, Inc.	DORECO	Region 11	31	Basilan Electric Cooperative, Inc. **	BASELCO	ARMM
15	Davao Del Norte Electric Cooperative, Inc. ***	DANECO	Region 11	32	Cagayan De Sulu Electric Cooperative, Inc. **	CASELCO	ARMM
16	South Cotabato I Electric Cooperative, Inc.	SOCOTECO I	Region 12	33	Lanao Del Sur Electric Cooperative, Inc.	LASURECO	ARMM
17	South Cotabato II Electric Cooperative, Inc.	SOCOTECO II	Region 12				
Private Investor-Owned Utilities and Local Government Unit-Owned Utilities in the Philippines							
PIOUs and LGUOUS		Acronym	Region	PIOUs and LGUOUS		Acronym	Region
LUZON							
1	Manila Electric Company	MERALCO	NCR	8	Ibaan Electric Corp.	IEEC	Region 4A
2	Angeles Electric Corporation	AEC	Region 3	9	Bauan Electric Light System	BELS	Region 4A
3	San Fernando Electric Light & Power Company, Inc.	SFELAPCO	Region 3	10	Corcuera Electric System **		Region 4B
4	Dagupan Electric Corporation	DECORP	Region 1	11	Public Utilities Department	PUD	Region 3
5	Tarlac Electric, Inc.	TEI	Region 3	12	Banton Electric System **		Region 4B
6	Cabanatuan Electric Corporation	CELCOR	Region 3	13	Concepcion Electric System **		Region 4B
7	La Union Electric Company, Inc.	LUECO	Region 1	14	Subic Enerzone Corporation	SEZ	Region 3
VISAYAS							
1	Visayan Electric Company, Inc.	VECO	Region 7	4	Mactan Electric Company	MECO	Region 7
2	Panay Electric Company, Inc.	PECO	Region 6	5	Hilabaan Multi-Purpose Coop.		Region 8
3	Bohol Light Company, Inc.	BLCI	Region 7	6	Maripipi Multi-Purpose Coop.		Region 8
MINDANAO							
1	Davao Light & Power Company, Inc.	DLPC	Region 11	4	Cotabato Light & Power Company, Inc.	COLIGHT	Region 12
2	Cagayan Electric Power & Light Company, Inc.	CEPALCO	Region 10	5	Bumbaran Electric Light System		ARMM
3	Iligan Light & Power, Inc.	ILPI	Region 10				

\* with isolated grid

\*\* island grid served by NPC-SPUG

\*\*\* with islands served by NPC-SPUG