

POWER SUPPLY PROCUREMENT PLAN

ISABELA I ELECTRIC COOPERATIVE, INC. **POWER SUPPLY PROCUREMENT PLAN**

In compliance with the Department of Energy's (DOE) Department Circular No. DC 2018-02-0003, "Adopting and Prescribing the Policy for the Competitive Selection Process in the Procurement by the Distribution Utilities of Power Supply Agreement for the Captive Market" or the Competitive Selection process (CSP) Policy, the Power Supply Procurement Plan (PSPP) Report is hereby created, pursuant to the Section 4 of the said Circular.

The PSPP refers to the DUs' plan for the acquisition of a variety of demand-side and supply-side resources to cost-effectively meet the electricity needs of its customers. The PSPP is an integral part of the Distribution Utilities' Distribution Development Plan (DDP) and must be submitted to the Department of Energy with supported Board Resolution and/or notarized Secretary's Certificate.

The Third-Party Bids and Awards Committee (TPBAC), Joint TPBAC or Third Party Auctioneer (TPA) shall submit to the DOE and in the case of Electric Cooperatives (ECs), through the National Electrification Administration (NEA) the following:

- a. Power Supply Procurement Plan;
- b. Distribution Impact Study/ Load Flow Analysis conducted that served as the basis of the Terms of Reference; and
- c. Due diligence report of the existing generation plant

All Distribution Utilities' shall follow and submit the attached report to the Department of Energy for posting on the DOE CSP Portal. For ECs such reports shall be submitted to DOE and NEA. The NEA shall review the submitted report within ten (10) working days upon receipt prior to its submission to DOE for posting at the DOE CSP Portal.

The content of the PSSP shall be consistent with the DDP. The tables and graph format to be use on the PSPP report is provided on the following sheets. Further, the PSPP shall contain the following sections:

- I. Table of Contents
- II. Introduction
- III. Energy and Demand Forecast (10 year historical and forecast)
- IV. Energy Sales and Purchase
- V. Daily Load Profile and Load Duration Curve
- VI. Existing Contracts & Existing GenCos due diligence report
- VII. Currently approved SAGR for Off-Grid ECs to be passed-on to consumers;
- VIII. DU's Current Supply and Demand
- IX. Distribution Impact Study
- X. Schedule of Power Supply Procurement
- XI. Timeline of the CSP

For inquiries, you may send it at doe.csp@gmail.com or you may contact us through telephone numbers (02) 840-2173 and (02) 479-2900 local 202.

TABLE OF CONTENTS

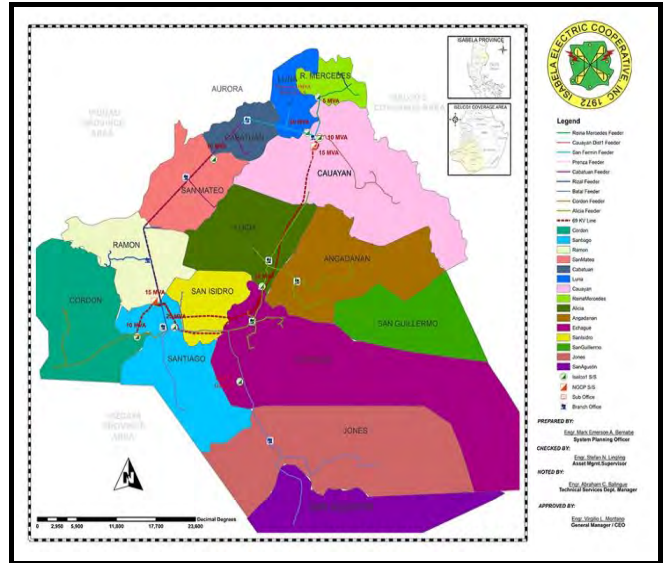
	Page
I. Table of Contents	1
II. Introduction	2
III. Energy Sales and Purcahse	3
IV. Demand	4
V. Daily Load Profile and Load Duration Curve	5
VI. Existing Power Supply Contracts	6
VII. Distribution Impact Study	7
VIII. Schedule of CSP	8
IX. 10 Year Monthly Data	9

INTRODUCTION

DISTRIBUTION UTILITIES PROFILE

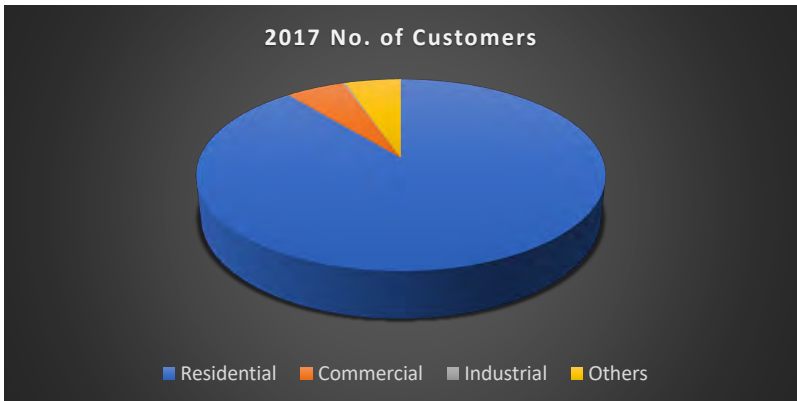
The Isabela I Electric Cooperative, Inc. (ISELCO I) has been in existence for the past 46 years. It is serving Southern most part of Isabela province consisting of thirteen (13) municipalities and two (2) cities with more or less 200,000 member -consumers. And all barangays within ISELCO I coverage area are 100% energized. ISELCO I is classified as Mega Large Electric Cooperative and categorized as AAA for the past three (3) years.

DU's Franchise MAP



Number of Customer	ACTUAL	FORECAST									
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Residential	170,764	181,616	188,484	195,301	202,056	208,741	215,349	221,876	228,317	234,670	241,199
Commercial	10,613	11,907	12,397	12,910	13,448	14,011	14,601	15,216	15,858	16,527	17,224
Industrial	338	378	399	420	441	461	482	502	522	541	561
Others	10,155	14,654	15,842	17,110	18,457	19,884	21,390	22,977	24,643	26,389	28,261
Contestable Cust	2	2	2	2	2	2	2	2	2	2	2
Total (Captive Cu	191,872	208,557	217,124	225,743	234,404	243,100	251,824	260,573	269,342	278,129	287,248

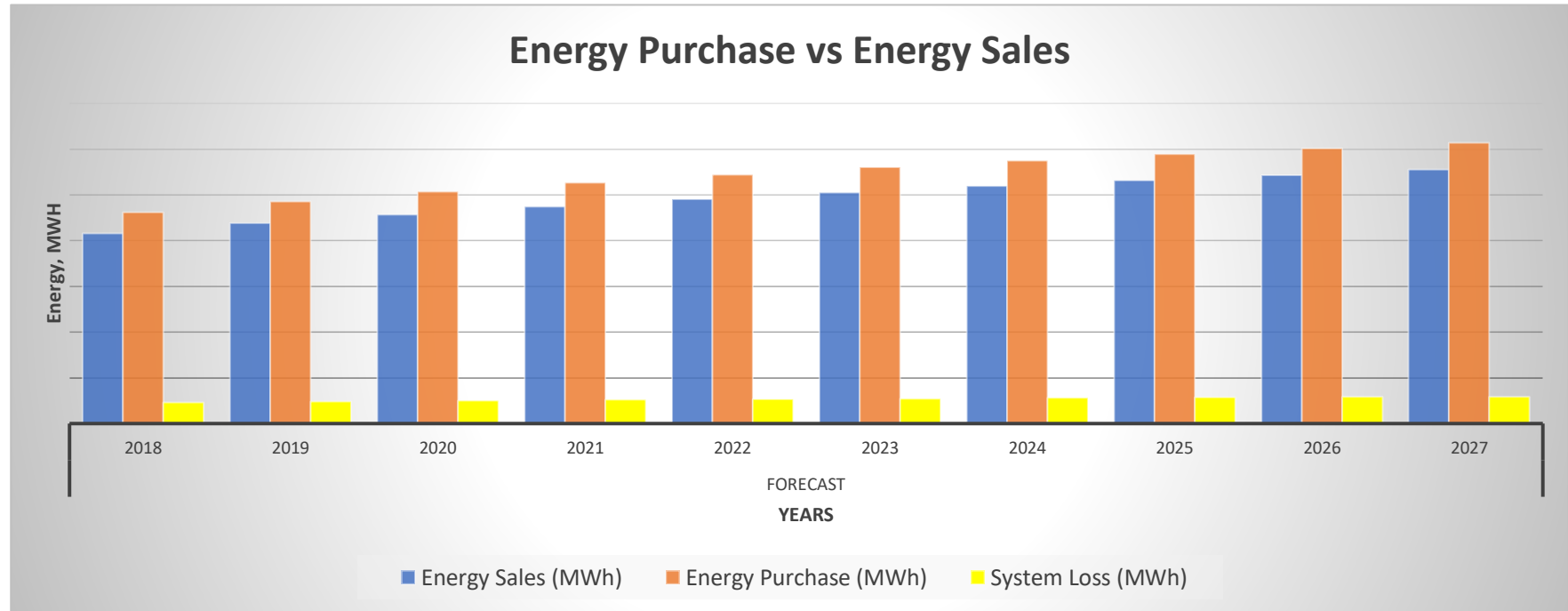
The customers profile is presented in the chart and it shows that the residential customers has a greater number of percentage with 88.16% as compared to other customer type such as commercial customers with 5.92%. In terms of average kwh energy sales, residential costumers has a dominant percentage of 42.23% compared to commercial and Industrial customers of 30.10% and 20.45%, respectively, and others such as public building, street light and sale for resale.



ENERGY SALES AND PURCHASE

ENERGY SALES AND PURCHASE	HISTORICAL									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Energy Sales (MWh)	187,271	209,671	218,348	222,366	242,821	268,380	289,730	322,460	368,350	391,967
Energy Purchase (MWh)	216,633	241,992	251,727	257,116	290,141	314,650	334,175	367,667	419,305	435,441
System Loss (MWh)	29,362	32,321	33,379	34,750	47,320	46,270	44,445	45,207	50,955	43,474

ENERGY SALES AND PURCHASE	FORECAST									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Energy Sales (MWh)	416,100	437,836	457,247	474,770	490,736	505,400	518,959	531,572	543,366	555,280
Energy Purchase (MWh)	461,958	485,927	507,302	526,568	544,095	560,167	575,004	588,784	601,647	613,713
System Loss (MWh)	45,858	48,092	50,055	51,798	53,359	54,767	56,045	57,212	58,281	58,434



POWER SUPPLY PROCUREMENT PLAN

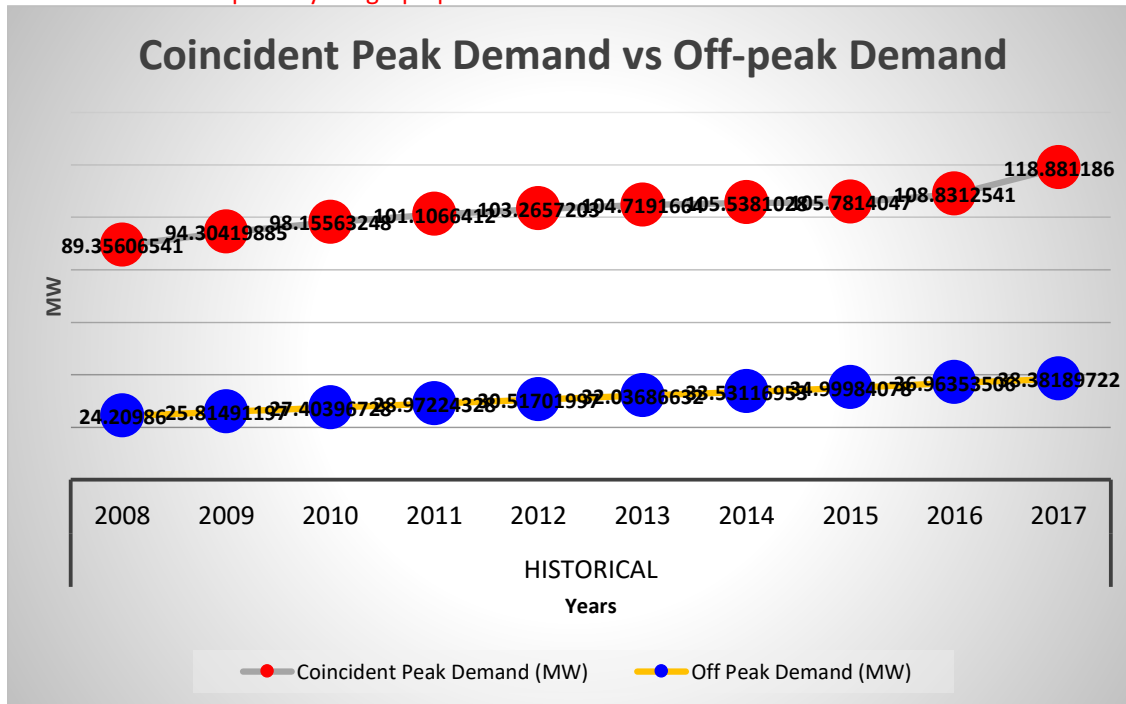
Brief highlight/report

DEMAND

Demand	HISTORICAL									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coincident Peak Demand (MW)	43.48	46.6	49.52	50.64	53.55	54.9	59.33	72	78.82	78.97
Off Peak Demand (MW)	11.64	13.23	14.8	16.34	17.86	19.36	20.35	20.83	20.99	22.6

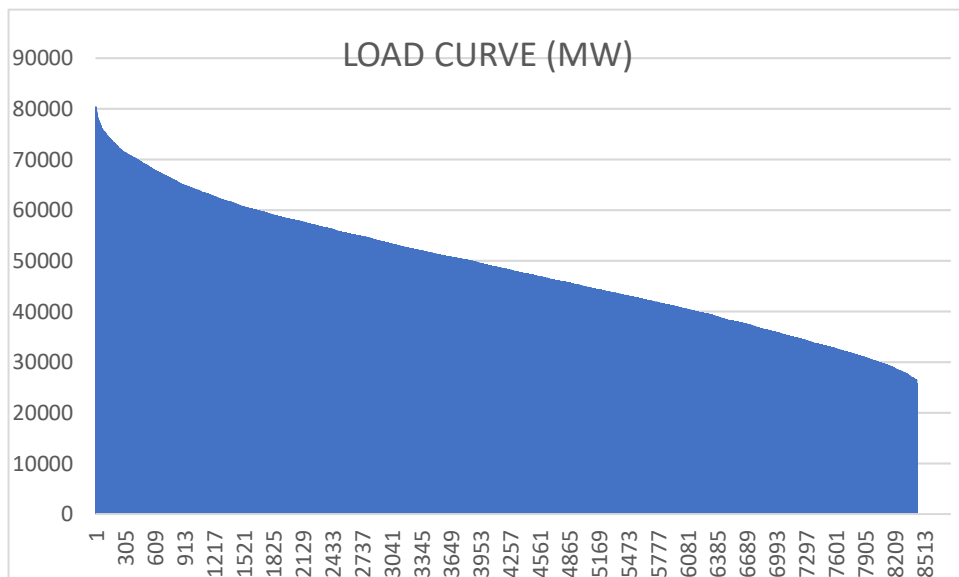
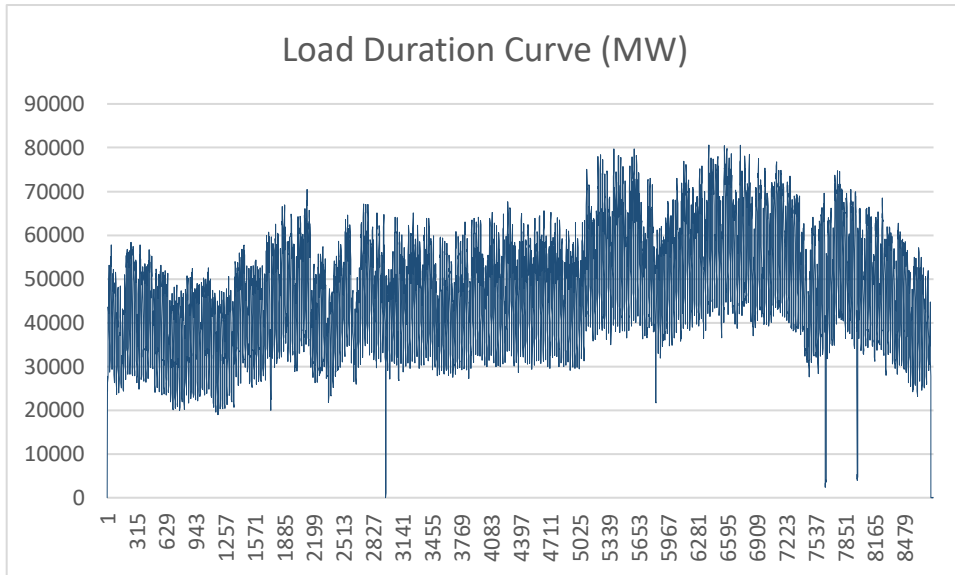
Demand	FORECAST									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Coincident Peak Demand (MW)	89.36	94.3	98.16	101.1	103.3	104.7	105.5	105.8	108.8	118.9
Off Peak Demand (MW)	24.21	25.81	27.4	28.97	30.52	32.04	33.53	35	36.96	38.38

Note: Data are sample only for graph presentation



The most appropriate forecasting methodology for distribution utilities is Small Area forecasting to capture both magnitude and spatial characteristics of the load within the franchise or coverage area of the utility company. However, the current state of database and analytical models of the Electric Cooperatives are not sufficient yet to apply this approach or methodology. There are two forecasting methodology that can be used by the ECs. These are the Econometric Analysis which uses economic and demographic information to forecast the load and Trend Analysis which requires only historical load data. It is advisable for the ECs to gather sufficient and reliable historical load, economic and demographic data so that the two methodologies can be used in forecasting.

LOAD PROFILE AND LOAD DURATION CURVE

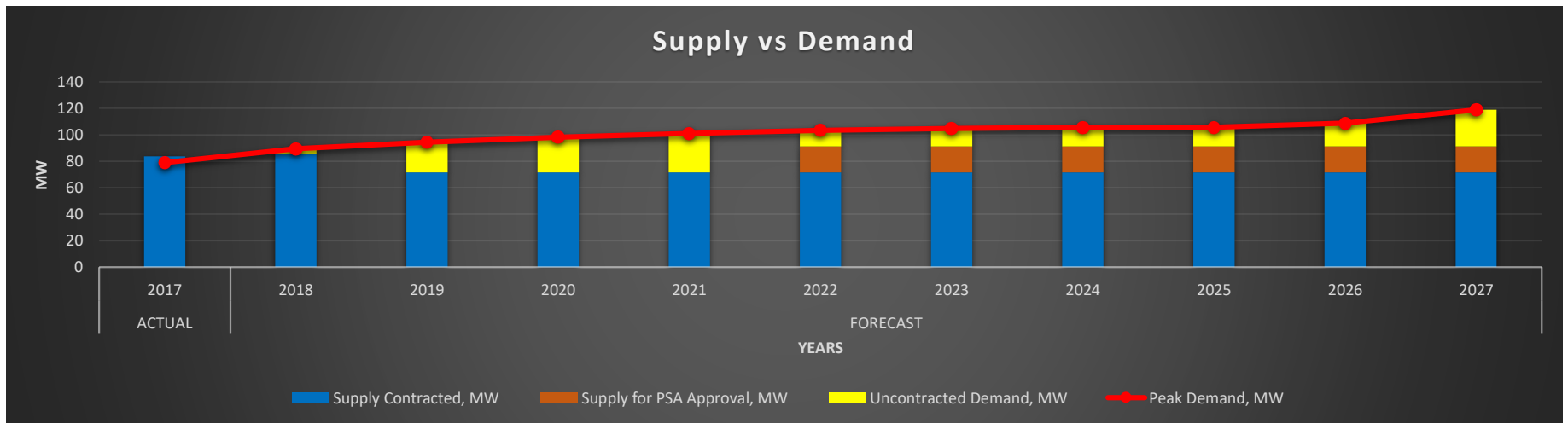


Base = 48 MW Peak = 81 MW

The figures above represent the load duration curve and load profile of ISELCO I for the year 2017. The combination demand of base and mid-merit load register at 48MW and for peaking demand registered at 81 MW.

MIXSUPPLY VS DEMAND AND THE OPTIMAL SUPPLY

Supply Demand	ACTUAL	FORECAST									
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Peak Demand, MW	78.97283649	89.35606541	94.3042	98.155632	101.1066412	103.2657	104.7192	105.538103	105.7814	108.8313	118.8812
Supply Contracted, MW	83.85	85.73	71.52	71.52	71.52	71.52	71.52	71.52	71.52	71.52	71.52
ISELCO 1 Minihydro	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52	2.52
San Miguel Energy Corporation	81.33	83.21	5	5	5	5	5	5	5	5	5
San Miguel Energy Corporation			20	20	20	20	20	20	20	20	20
Mariveles Power Generation Company			25	25	25	25	25	25	25	25	25
Isabela Power Corporation			19	19	19	19	19	19	19	19	19
Supply for PSA Approval, MW	0	0	0	0	0	19.7	19.7	19.7	19.7	19.7	19.7
Rio Norte Hydro Power Corporation						19.7	19.7	19.7	19.7	19.7	19.7
Uncontracted Demand, MW	0	3.626065409	22.7842	26.635632	29.58664121	12.04572	13.49917	14.3181028	14.5614	17.61125	27.66119



List of Existing Contracts and Details

POWER SUPPLY PROCUREMENT PLAN

Supply Contracted	Plant Owner/ Operator	Capacity Factor	PSA Effectivity (MM/YR)	PSA Expiration (MM/YR)	Contracted Capacity, MW	Contracted Energy, MWH	Base / Mid-merit / Peaking	Embedded/ Grid Connected	Utility-owned/ NPC/ IPP/ NPC-IPP	Status	Fuel Type	Installed Capacity (MW)	Net Dependable Capacity (MW)
MiniHydro	ISELCO	45%	1984	N/A	2.52	9,933	Base	Embedded	Utility Own	Operational	Hydro	2.52	
SMEC	SMEC	100%	12/26/16	12/26/17	81.33	712,450	Intermediate	Grid	IPP	Operational	Coal Fired		
SMEC	SMEC	100%	12/26/17	12/26/18	83.21	728,920	Intermediate	Grid	IPP	Operational	Coal Fired		
SMEC	SMEC	100%	12/26/18	12/26/28	5	43,800	Base	Grid	IPP	Operational	Coal Fired		
SMEC	SMEC	100%	12/26/18	12/26/28	20	175,200	Peaking	Grid	IPP	Operational	Coal Fired		
MPGC	MPGC	100%	12/26/18	12/26/38	25	219,000	Base	Grid	IPP	Operational	Coal Fired		
IPC	IPC	45%	12/26/18	12/26/43	19	84,631	Base	Embedded	IPP	Under Constr	Hydro		
RNHC	RNHC	45%	12/26/21	12/26/46	19.7	84,607	Base	Embedded	IPP	For ERC Appro	Hydro		

Majority of energy requirements of the cooperative comes from San Miguel Energy Corporation (SMEC) for the year 2010-2018. ISELCO I signed another contract by 2019 with SMEC SUAL and Isabela Power Corporation(IPC) with capacity of 25MW and 19 MW respectively. On the other hand contracts with Mariveles Power Generation Company (MPGC) and Rio Norte HydroPower Corporation (RNHC) is undergoing process for ERC approval with supply capacity of another 25MW and 19.7MW respectively. ISELCO 1 have been supplying two large load consumers like SM Cauayan and Robinson Santiago with a total of 5MW demand but both had switched to a Retail Electricity Supplier as RCOA Customer. At present, due to delays on the MPGC application at ERC and IPC's delay on plant commercial operation, ISELCO 1 resorted to the 1 year extension of the SMEC 2018 contract for the supposed 25 MW MPGC supply contract and 1 year emergency power supply contract / CSP exemption for the supposed 19 MW IPC supply contract for 2019 respectively. Both contracts were coordinated to the consent and approval of the concerned governing and regulatory offices.

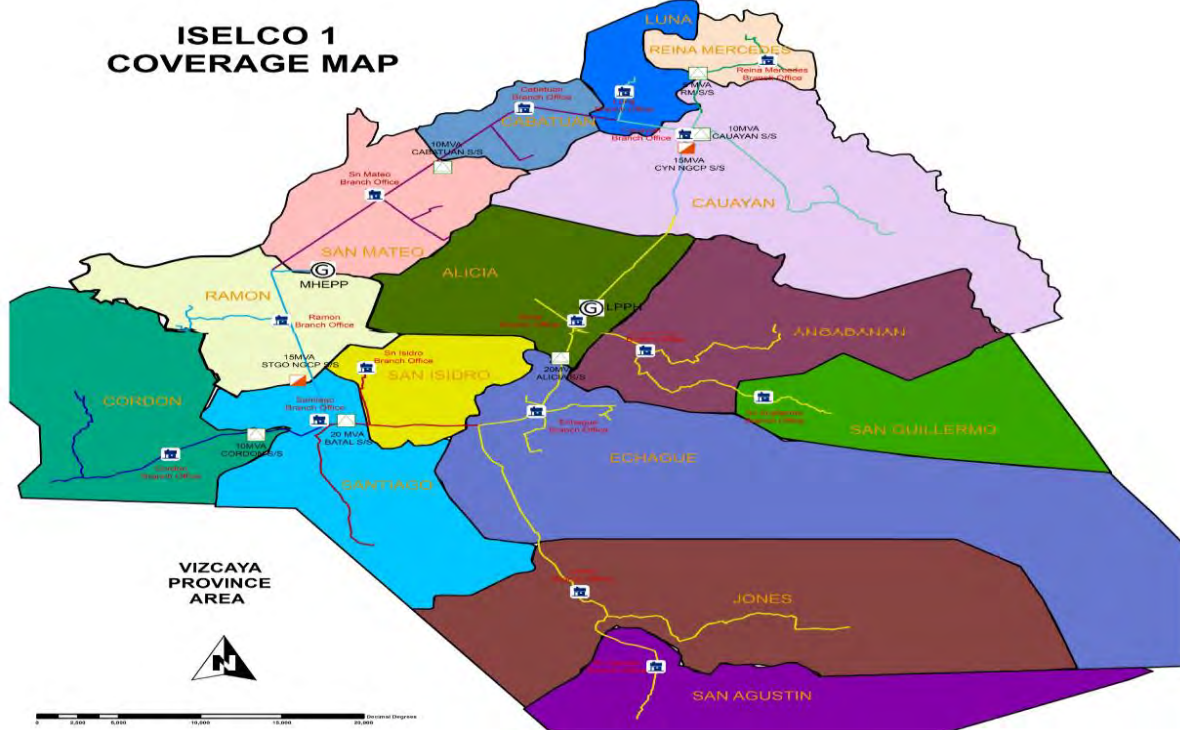
DISTRIBUTION IMPACT STUDY

ISELCO- I PROFILE

The ISABELA I ELECTRIC COOPERATIVE, INC.(ISELCO-I) was organized in accordance with Republic Act No. 6038 [now Presidential Decree No.(P.D.) 269] as amended by P.D. 1645. It was registered and incorporated with the National Electrification Administration (NEA) on March 24, 1972 and was granted a Certificate of Franchise on June 6, 1979. The franchise will expire on June 5, 2029. . Its headquarters is located at Bgy. Victoria, Alicia, Isabela.

Pursuant to P.D. 269, ISELCO-I hold an exclusive franchise issued by NEA to operate an electric power distribution service in the third and fourth districts of Isabela and it is one of the two electric cooperatives providing electric service in the Province of Isabela. It covers five hundred two (502) barangays within thirteen (13) municipalities and two (2) cities grouped into twelve districts, namely

1. Angadanan/San Guillermo	District II
2. Ramon	District II
3. San Mateo	District III
4. San Isidro	District IV
5. Alicia	District V
6. Echague	District VI
7. Cordon	District VII
8. Santiago City	District VIII
9. Jones/San Agustin	District IX
10. Cabatuan/Luna	District X
11. Cauayan City	District XI
12. Reina Mercedes	District XII



With the implementation of the Electric Power Industry Reform Act of 2001, ISELCO-I continuously upholds its obligation to operate as a viable distribution utility. It provides distribution services and connections consistent with the provision of the Philippine Distribution Code and supply of electricity with the least cost to captive customers. As a non-stock, non-profit and service-oriented entity, ISELCO-I was organized with a purpose of supplying, promoting and encouraging the fullest use of electric service within the coverage area and with a mission of improving the quality of life of the Isabelinos through a dependable and affordable electric service.

ISELCO-I has consistently performed its role as an electric service utility servicing 203,004 household connections that keep on increasing each day translating to more revenues and job opportunities within the area of coverage. This enables the cooperative to earn an average monthly revenue of PHP226,716,066.72 that could adequately pay its power suppliers and other payables on time. Furthermore, ISELCO-I was able to maintain its classification as a Mega Large Cooperative since 2010 and has attained a category triple "A" (AAA) cooperative for 2015 as evaluated by NEA. With this, ISELCO-I consistently received the No. 1 Prompt Payor award for the past three consecutive years (2014-2016) from San Miguel Energy Corporation (SMEC) for meeting its financial obligations and awarded by the same for two consecutive years (2015-2016) as Most Improved Distribution Utility.

In the previous years of operation, more integrated and coordinative efforts were exerted for a higher level of operation and while in the process of coping with its mandated tasks, considerable achievements were attained in terms of Financial, Institutional and Technical aspects of operation.

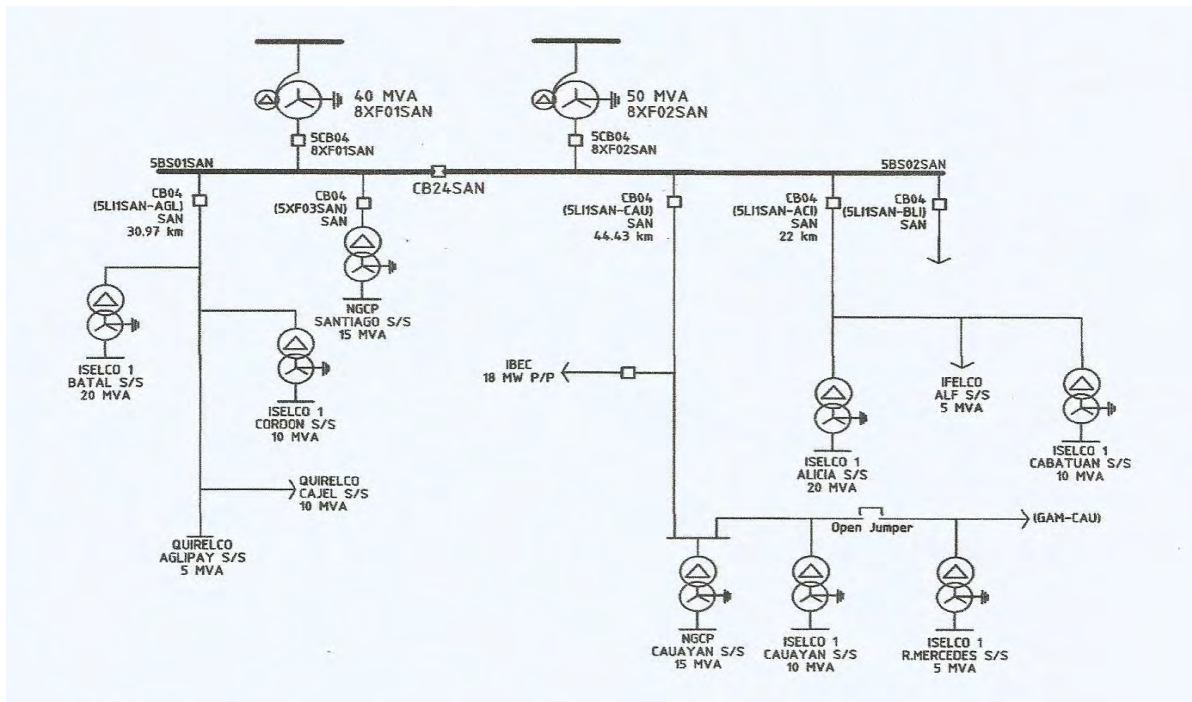
POWER SUPPLY PROCUREMENT PLAN

The ISELCO 1 grid connection is thru the NGCP 230-69 kV Santiago Substation and the simplified single line diagram of the ISELCO 1 69/13.2 kV system is shown in the map. Only the ISELCO 1 Reina Mercedes 5 MVA 69-13.2 kV substation is connected via the NGCP Gamu 230-69 kV substation.

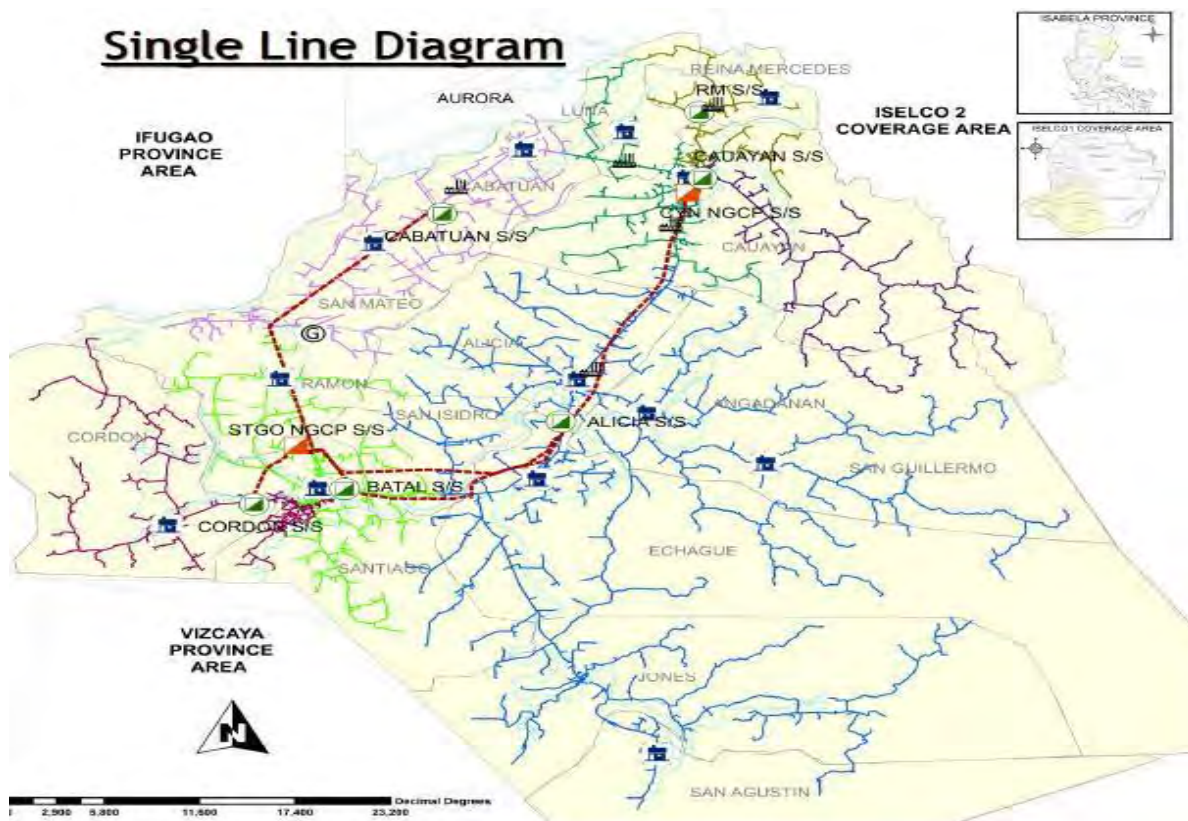
Single Line Diagram of ISELCO 1 69/13.2 kV grid

The 69 kV grid that covers ISELCO 1 includes the following:

1. Alicia 15 MVA, 69-13.2 kV substation;
2. Reina Mercedes 5 MVA, 69-13.2 kV substation;
3. Cauayan NGCP 15 MVA, 69-13.2 kV substation;
4. Cauayan ISELCO 1 10 MVA, 69-13.2 kV substation;
5. Cordon 10 MVA, 69-13.2 kV substation;
6. Cabatuan 10 MVA, 69-13.2 kV substation;
7. Santiago NGCP 15 MVA, 69-13.2 kV substation;
8. Santiago Batal 15 MVA, 69-13.2 kV substation.



Single Line Diagram



Substation Loading Forecast: 2015-2019

The load forecast per substation for the period 2015-2019 is summarized as follows.

ISELCO 1 load per substation 2015-2019

Substation	Substation Transformer Kva	Aug 2015 non-coincident MW	5-Year Forecast (Coincidental Kw)				
			2015	2016	2017	2018	2019
Alicia	15,000	14.66	13,908	15,225	15,565	16,626	18,217
Reina Mercedes	5,000	4.74	4,497	4,923	5,033	5,376	5,890
Cauayan NGCP	15,000	12.43	11,793	12,910	13,198	14,098	15,446
Cauayan ISELCO	10,000	8.54	8,102	8,869	9,068	9,686	10,612
Cordon	10,000	10.36	9,829	10,760	11,000	11,750	12,874
Cabatuan	10,000	9.98	9,469	10,365	10,596	11,318	12,401
Santiago NGCP	15,000	10.05	9,534	10,438	10,671	11,398	12,488
Santiago Batal	15,000	5.13	4,867	5,328	5,447	5,818	6,375
Total	95,000	75.89	71,999	78,818	80,577	86,070	94,304

POWER SUPPLY PROCUREMENT PLAN

Jan	81.66	28.97	35,663	91.22	46,507	(9.56)	(10,843.87)		
Feb	77.21	34.60	35,345	91.22	42,920	(14.01)	(7,574.77)		
Mar	91.98	36.74	39,175	91.22	42,139	0.76	(2,964.33)		
Apr	96.16	43.97	47,211	91.22	41,168	4.94	6,042.86		
May	99.71	44.14	50,241	91.22	39,068	8.49	11,173.20		
Jun	101.11	48.12	52,862	91.22	40,989	9.89	11,872.95		
Jul	96.51	46.50	47,764	91.22	41,058	5.29	6,705.78		
Aug	95.90	40.98	49,519	91.22	42,385	4.68	7,134.22		
Sep	87.66	44.53	44,947	91.22	42,394	(3.56)	2,553.14		
Oct	94.59	46.13	48,522	91.22	51,464	3.37	(2,941.30)		
Nov	85.05	42.89	35,918	91.22	51,008	(6.17)	(15,090.17)		
Dec	83.18	39.75	39,400	91.22	51,464	(8.04)	(12,063.27)		
2022									
Jan	83.41	30.52	36,850	91.22	55,683	(7.81)	(18,833.05)		
Feb	78.86	36.44	36,522	91.22	48,508	(12.36)	(11,986.38)		
Mar	93.95	38.70	40,479	91.22	46,947	2.73	(6,468.48)		
Apr	98.21	46.32	48,783	91.22	45,007	6.99	3,775.56		
May	101.84	46.49	51,914	91.22	40,808	10.62	11,105.83		
Jun	103.27	50.69	54,621	91.22	44,647	12.05	9,974.24		
Jul	98.57	48.98	49,354	91.22	44,787	7.35	4,567.27		
Aug	97.95	43.17	51,167	91.22	47,443	6.73	3,724.59		
Sep	89.53	46.91	46,443	91.22	47,462	(1.69)	(1,019.15)		
Oct	96.61	48.59	50,138	91.22	65,598	5.39	(15,460.44)		
Nov	86.86	45.17	37,113	91.22	64,683	(4.36)	(27,569.59)		
Dec	84.96	41.87	40,712	91.22	65,598	(6.26)	(24,886.04)		
2023									
Jan	84.58	32.04	37,939	91.22	55,683	(6.64)	(17,744.56)		
Feb	79.97	38.25	37,601	91.22	48,508	(11.25)	(10,907.58)		
Mar	95.27	40.63	41,675	91.22	46,947	4.05	(5,272.81)		
Apr	99.59	48.62	50,223	91.22	45,007	8.37	5,216.51		
May	103.28	48.81	53,447	91.22	40,808	12.06	12,639.26		
Jun	104.72	53.21	56,235	91.22	44,647	13.50	11,587.66		
Jul	99.96	51.42	50,812	91.22	44,787	8.74	6,025.10		
Aug	99.33	45.32	52,679	91.22	47,443	8.11	5,235.98		
Sep	90.79	49.24	47,815	91.22	47,462	(0.43)	352.69		
Oct	97.97	51.01	51,619	91.22	65,598	6.75	(13,979.47)		
Nov	88.08	47.42	38,209	91.22	64,683	(3.14)	(26,473.33)		
Dec	86.15	43.96	41,915	91.22	65,598	(5.07)	(23,683.48)		
2024									
Jan	85.24	33.53	38,944	91.22	55,683	(5.98)	(16,739.64)		
Feb	80.59	40.04	38,597	91.22	48,508	(10.63)	(9,911.62)		
Mar	96.01	42.52	42,778	91.22	46,947	4.79	(4,168.94)		
Apr	100.37	50.89	51,554	91.22	45,007	9.15	6,546.82		
May	104.08	51.08	54,863	91.22	40,808	12.86	14,054.95		
Jun	105.54	55.69	57,724	91.22	44,647	14.32	13,077.19		
Jul	100.74	53.82	52,158	91.22	44,787	9.52	7,370.98		
Aug	100.10	47.43	54,074	91.22	47,443	8.88	6,631.32		
Sep	91.50	51.54	49,081	91.22	47,462	0.28	1,619.19		
Oct	98.74	53.39	52,986	91.22	65,598	7.52	(12,612.21)		

POWER SUPPLY PROCUREMENT PLAN

Nov	88.77	49.64	39,221	91.22	64,683	(2.45)	(25,461.25)		
Dec	86.82	46.01	43,025	91.22	65,598	(4.40)	(22,573.26)		
2025									
Jan	85.44	35.00	39,877	91.22	55,683	(5.78)	(15,806.39)		
Feb	80.78	41.79	39,522	91.22	48,508	(10.44)	(8,986.69)		
Mar	96.24	44.38	43,804	91.22	46,947	5.02	(3,143.80)		
Apr	100.60	53.12	52,789	91.22	45,007	9.38	7,782.26		
May	104.32	53.32	56,177	91.22	40,808	13.10	15,369.68		
Jun	105.78	58.13	59,108	91.22	44,647	14.56	14,460.50		
Jul	100.97	56.18	53,407	91.22	44,787	9.75	8,620.89		
Aug	100.34	49.51	55,370	91.22	47,443	9.12	7,927.15		
Sep	91.71	53.80	50,257	91.22	47,462	0.49	2,795.38		
Oct	98.97	55.72	54,256	91.22	65,598	7.75	(11,342.45)		
Nov	88.98	51.81	40,161	91.22	64,683	(2.24)	(24,521.34)		
Dec	87.02	48.02	44,056	91.22	65,598	(4.20)	(21,542.21)		
2026									
Jan	87.90	36.96	40,748	91.22	55,683	(3.32)	(14,935.17)		
Feb	83.11	44.14	40,385	91.22	48,508	(8.11)	(8,123.24)		
Mar	99.01	46.87	44,761	91.22	46,947	7.79	(2,186.80)		
Apr	103.50	56.10	53,943	91.22	45,007	12.28	8,935.57		
May	107.33	56.31	57,405	91.22	40,808	16.11	16,597.01		
Jun	108.83	61.40	60,399	91.22	44,647	17.61	15,751.86		
Jul	103.89	59.33	54,574	91.22	44,787	12.67	9,787.71		
Aug	103.23	52.29	56,579	91.22	47,443	12.01	9,136.84		
Sep	94.36	56.82	51,355	91.22	47,462	3.14	3,893.38		
Oct	101.82	58.85	55,441	91.22	65,598	10.60	(10,157.11)		
Nov	91.54	54.72	41,039	91.22	64,683	0.32	(23,643.92)		
Dec	89.53	50.71	45,018	91.22	65,598	(1.69)	(20,579.71)		
2027									
Jan	96.02	38.38	41,566	91.22	55,683	4.80	(14,117.97)		
Feb	90.78	45.83	41,195	91.22	48,508	(0.44)	(7,313.32)		
Mar	108.15	48.67	45,658	91.22	46,947	16.93	(1,289.13)		
Apr	113.06	58.25	55,024	91.22	45,007	21.84	10,017.39		
May	117.24	58.47	58,556	91.22	40,808	26.02	17,748.26		
Jun	118.88	63.75	61,610	91.22	44,647	27.66	16,963.16		
Jul	113.48	61.61	55,669	91.22	44,787	22.26	10,882.19		
Aug	112.76	54.29	57,714	91.22	47,443	21.54	10,271.54		
Sep	103.07	59.00	52,385	91.22	47,462	11.85	4,923.31		
Oct	111.22	61.11	56,553	91.22	65,598	20.00	(9,045.24)		
Nov	100.00	56.82	41,862	91.22	64,683	8.78	(22,820.89)		
Dec	97.80	52.66	45,921	91.22	65,598	6.58	(19,676.87)		

POWER SUPPLY PROCUREMENT PLAN

Jan	38.68	16.43	17,064	39.50	12,750				
Feb	37.83	14.97	17,291	39.70	13,600				
Mar	42.01	16.86	17,535	40.00	14,600				
Apr	42.60	22.21	19,214	41.00	17,800				
May	46.70	24.81	23,178	41.20	16,600				
Jun	45.11	21.82	23,783	41.30	17,500				
Jul	46.68	24.05	23,419	41.50	17,550				
Aug	45.63	22.91	24,099	41.30	18,600				
Sep	45.95	24.47	14,986	41.40	18,900				
Oct	45.25	22.06	19,741	41.70	17,500				
Nov	46.77	22.36	22,468	41.40	16,650				
Dec	43.64	18.49	19,280	41.00	14,400				
2012									
Jan	40.90	18.04	19,237	39.50	12,750				
Feb	41.98	19.32	19,724	39.70	13,600				
Mar	45.02	23.00	21,045	40.00	14,600				
Apr	47.99	21.61	23,971	41.00	17,800				
May	50.47	25.34	25,499	41.20	16,600				
Jun	48.40	23.86	26,666	41.30	17,500				
Jul	47.64	24.50	24,025	41.50	17,550				
Aug	45.81	23.97	24,504	41.30	18,600				
Sep	48.40	26.61	25,914	41.40	18,900				
Oct	48.06	24.27	23,404	41.70	17,500				
Nov	44.72	22.73	22,958	41.40	16,650				
Dec	46.97	24.09	22,021	41.00	14,400				
2013									
Jan	45.20	13.44	19,369	39.50	12,750				
Feb	44.93	15.18	21,526	39.70	13,600				
Mar	46.69	15.80	22,691	40.00	14,600				
Apr	54.90	18.07	28,592	41.00	17,800				
May	48.07	10.64	26,899	41.20	16,600				
Jun	49.32	17.58	29,639	41.30	17,500				
Jul	49.60	20.37	28,026	41.50	17,550				
Aug	47.35	2.07	26,445	41.30	18,600				
Sep	50.08	21.44	27,779	41.40	18,900				
Oct	49.19	5.14	26,926	41.70	17,500				
Nov	49.36	19.35	24,420	41.40	16,650				
Dec	47.28	16.92	21,798	41.00	14,400				
2014									
Jan	44.48	20.35	20,175	45.52	32,218				
Feb	45.81	18.04	21,391	45.52	32,218				
Mar	49.64	23.16	21,825	45.52	32,218				
Apr	58.12	30.01	28,741	45.52	32,218				
May	58.31	27.61	30,351	45.52	32,218				
Jun	59.32	27.89	32,587	45.52	32,218				
Jul	57.32	27.57	29,159	45.52	32,218				
Aug	57.03	28.88	30,492	45.52	32,218				
Sep	58.46	28.61	29,601	45.52	32,218				
Oct	58.20	28.47	28,587	45.52	32,218				

POWER SUPPLY PROCUREMENT PLAN

Nov	55.41	35.13	26,843	45.52	32,218			
Dec	55.22	26.98	38,772	45.52	32,218			
2015								
Jan	44.63	19.31	22,230	48.52	34,408			
Feb	49.05	21.42	22,753	48.52	34,408			
Mar	52.23	24.15	24,596	48.52	34,408			
Apr	62.42	28.60	29,885	48.52	34,408			
May	62.71	28.80	31,618	48.52	34,408			
Jun	72.00	33.05	35,872	48.52	34,408			
Jul	66.38	33.23	32,924	48.52	34,408			
Aug	58.36	28.98	33,097	48.52	34,408			
Sep	63.02	29.53	33,402	48.52	34,408			
Oct	65.50	32.10	31,989	48.52	34,408			
Nov	60.74	31.30	32,685	48.52	34,408			
Dec	56.67	27.44	26,799	48.52	34,408			
2016								
Jan	60.91	30.73	28,254	51.52	36,598			
Feb	58.93	29.16	26,836	51.52	36,598			
Mar	67.33	38.37	29,483	51.52	36,598			
Apr	76.74	38.67	37,489	51.52	36,598			
May	75.25	38.74	38,353	51.52	36,598			
Jun	78.82	39.38	39,085	51.52	36,598			
Jul	74.66	38.70	37,307	51.52	36,598			
Aug	76.09	40.27	38,311	51.52	36,598			
Sep	72.04	38.68	38,077	51.52	36,598			
Oct	76.29	40.42	35,056	51.52	36,598			
Nov	72.49	39.79	34,532	51.52	36,598			
Dec	63.48	33.95	30,120	51.52	36,598			
2017								
Jan	58.03	28.09	28,549	67.52	48,278			
Feb	57.32	30.58	26,853	67.52	48,278			
Mar	70.16	35.14	29,673	67.52	48,278			
Apr	75.40	40.88	38,338	67.52	48,278			
May	76.56	36.84	38,392	67.52	48,278			
Jun	79.39	39.18	40,427	67.52	48,278			
Jul	67.08	34.96	39,648	67.52	48,278			
Aug	79.65	40.53	41,214	67.52	48,278			
Sep	80.58	42.11	41,034	67.52	48,278			
Oct	80.01	41.95	41,358	67.52	48,278			
Nov	74.20	39.55	36,173	67.52	48,278			
Dec	67.66	33.77	31,377	67.52	48,278			