



## **SURIGAO DEL SUR 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

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

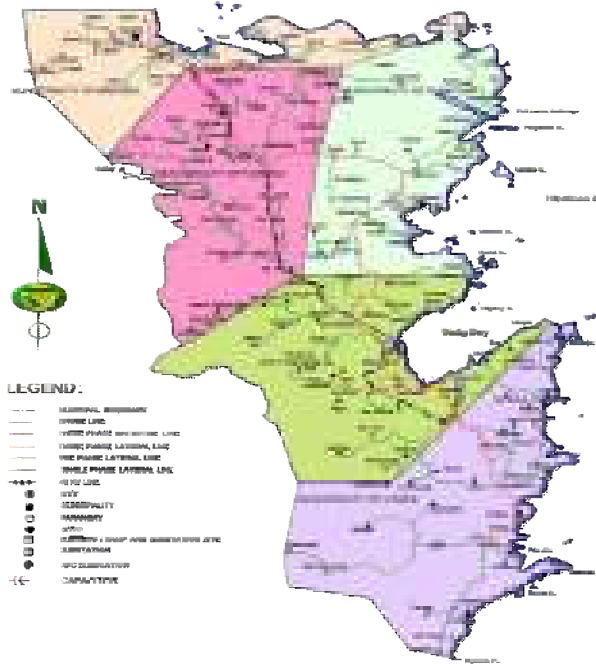
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**INTRODUCTION**

**SURIGAO DEL SUR I ELECTRIC COOPERATIVE, INCORPORATED (SURSECO - I) PROFILE**

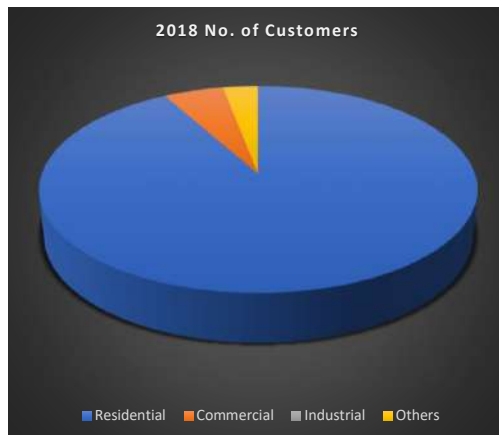
- Location : San Fernando, Bislig City, Surigao del Sur.
- Foundation : July 20, 1971
- Registration : National Electrification Administration (NEA) as a non - stock, non - profit electric cooperative
- Classification : Extra Large
- Franchise: Fifty (50) year franchise with 15 years extension or until June 6, 2044.
- Category : Triple A Electric Cooperative
- Service Area : Four (4) Municipalities and one (1) city, namely; Municipality of Lingig, Municipality of Hinatuan, Municipality of Tagbina, Municipality of Barobo, and Bislig City
- Households Served: 79,383 households as of December 2018
- Electrification Status: 100% barangay electrification  
96% sitio electrification
- Kms of lines: 1,028.26 kms. primary lines  
782.21 kms. secondary lines
- Capacity: 20MVA, subdivided into 3 substations: San Fernando Substation (5MVA) Barobo Substation (5MVA), and Tabon Substation (10MVA).



Number of Customer Connections in Franchise	ACTUAL		FORECAST									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	
Residential	47,533	57,600	59,431	61,210	62,941	64,627	66,272	67,878	69,449	70,985	72,490	
Commercial	2,645	2,724	2,806	2,890	2,977	3,066	3,158	3,253	3,351	3,451	3,555	
Industrial	1	2	2	3	3	3	4	4	4	4	5	
Others	1,555	1,602	1,650	1,699	1,750	1,803	1,857	1,912	1,970	2,029	2,089.8	
Total (Captive Customers)	51,734	61,928	63,889	65,803	67,671	69,499	71,291	73,047	74,773	76,469	78,140	

Contestable Customers Served by RES - NONE

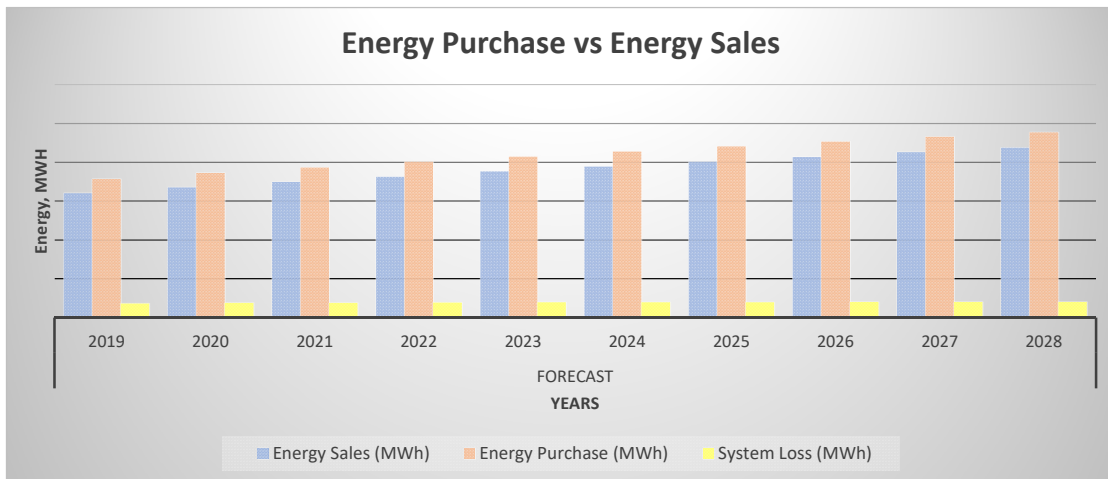
In 2018, SURSECO-I has a total of 79,383 connections all over its franchise area. Residential customers comprise around 95% of the total SURSECO-I connections. With an Annual Average Growth Rate of 4.3%, household connections are expected to rise in the next ten years. In particular, a rapid growth of residential and small commercial customers and a minimal growth of industrial customers is forecasted. The possible entry of indicative high voltage large commercial customers and the continued implementation of the Sitio Electrification Program (SEP) of the National Electrification Administration (NEA) as well as the Nationwide Intensification of Household Electrification (NIHE) of the Department of Energy (DOE) are major contributors to the increase of the SURSECO-I customer connections.



### ENERGY SALES AND PURCHASE

ENERGY SALES AND PURCHASE	HISTORICAL									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Energy Sales (MWh)	41,790	38,278	40,748	43,655	46,538	47,441	49,303	55,950	55,963	60,652
Energy Purchase (MWh)	47,210	43,954	46,342	49,511	52,384	53,217	55,093	62,446	62,181	67,798
System Loss (MWh)	5,419	5,676	5,594	5,856	5,846	5,776	5,790	6,496	6,218	7,146

ENERGY SALES AND PURCHASE	FORECAST									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Energy Sales (MWh)	64,090	66,980	69,781	72,502	75,152	77,735	80,256	82,720	85,129	87,487
Energy Purchase (MWh)	71,211	74,339	77,277	80,113	82,858	85,517	88,097	90,602	93,037	95,405
System Loss (MWh)	7,121	7,359	7,496	7,611	7,706	7,782	7,841	7,882	7,908	7,918

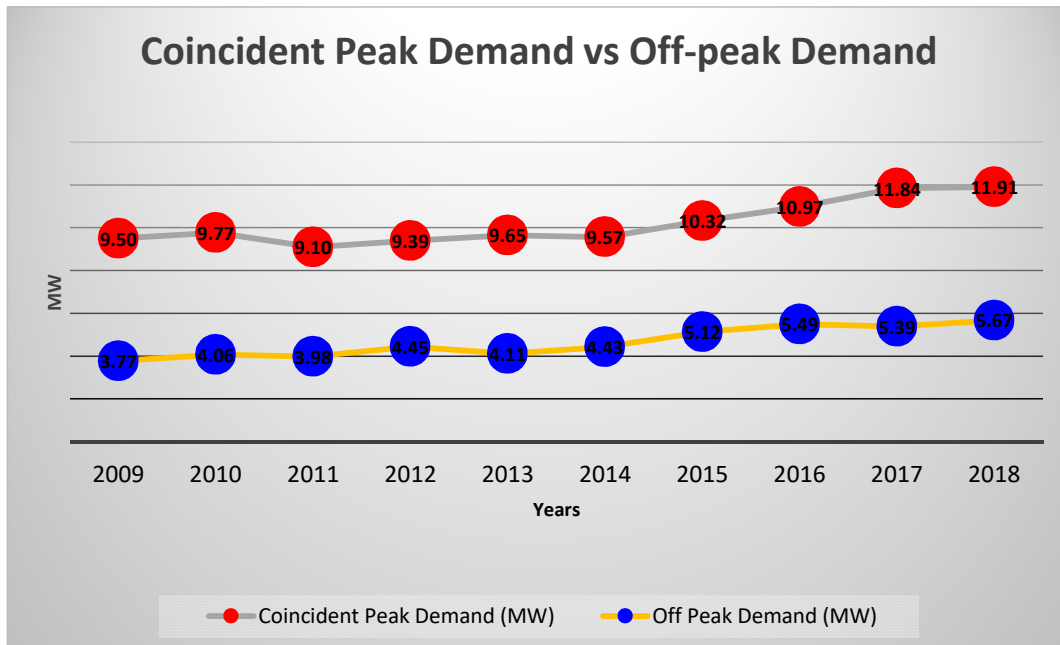


At an annual average growth rate of 3.7%, SURSECO-I's Energy Sales is seen to increase in the next ten years. This is due to the growing number of consumer connections brought about by the continuous implementation of the Sitio Electrification Program and the Nationwide Electrification of Household Electrification, aside from the constant inflow of regular service connections. As such, the Coop's purchase power grows along with the increased demand for power. This increasing trend in Energy Sales and Purchase is also expected to escalate the Coop's System Loss. The Coop, however, has programmed System Loss reduction activities such as replacement of defective and inefficient kilowatt-hour meters and the installation of 5MVA Tagasaka Substation in its CAPEX application for 2018-2020 to mitigate such increase in SL. This is in addition to the Coop's continuing implementation of SL reduction activities such as connection inspections, pilferage apprehension, ROW clearing, among others .

## DEMAND

Demand	HISTORICAL									
	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Coincident Peak Demand (MW)	9.499	9.768	9.099	9.390	9.650	9.565	10.318	10.974	11.840	11.911
Off Peak Demand (MW)	3.771	4.062	3.980	4.447	4.114	4.430	5.123	5.491	5.386	5.6714

Demand	FORECAST									
	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Coincident Peak Demand (MW)	12.720	13.279	13.820	14.343	14.852	15.347	15.829	16.300	16.760	17.210
Off Peak Demand (MW)	6.06	6.32	6.58	6.83	7.07	7.31	7.54	7.76	7.98	8.2

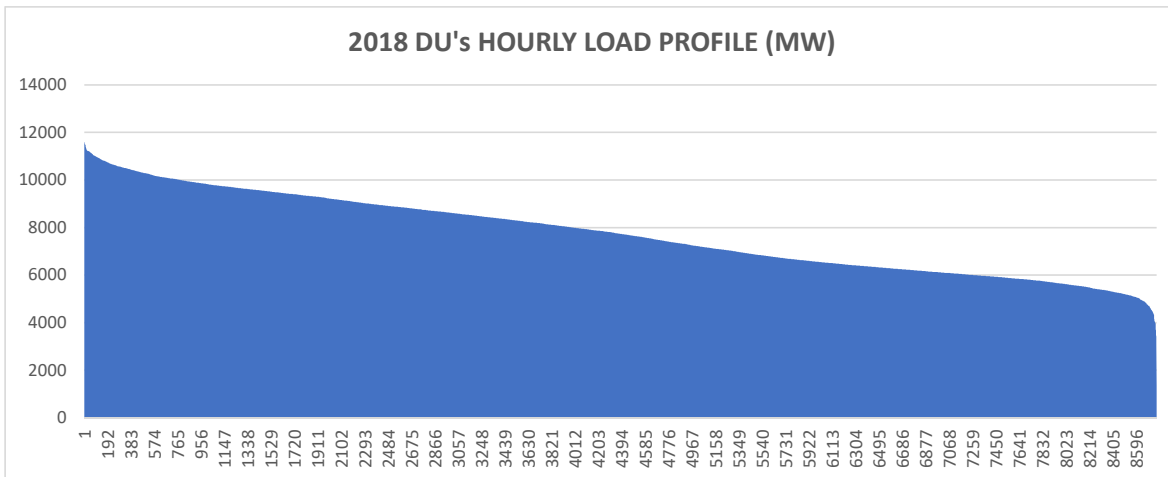
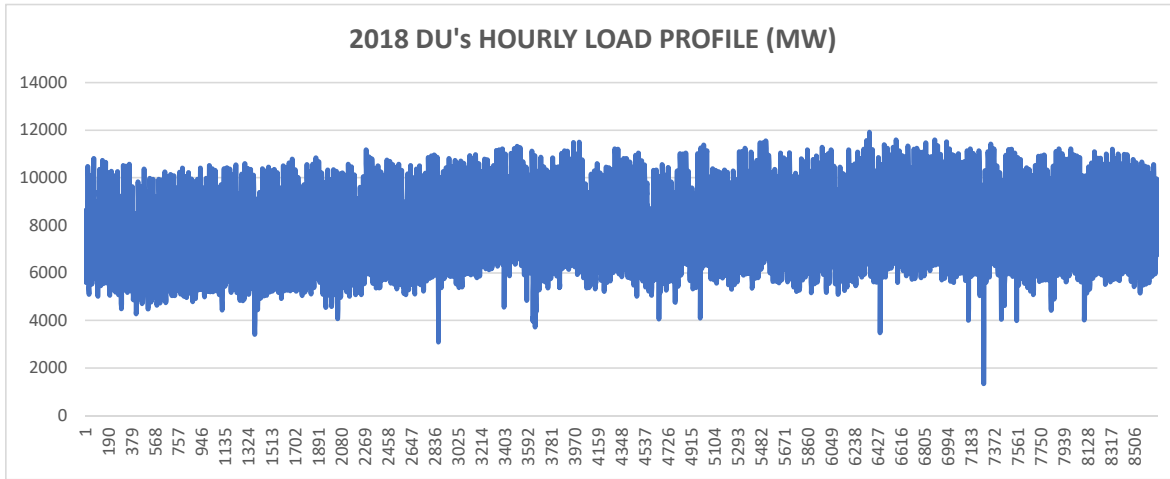


SURSECO-I's forecasted demand and energy based on the latest Distribution Development Plan for 2019 - 2028 uses the Cubic Logarithmic with Smoothing -  $Y=a \ln(t^3) + bt-1+c$  with a validity and accuracy test result of Adj. R2 = 0.997, MAPE = 0.83% (pass) and Adj. R2 = 0.991, MAPE = 1.50% (pass). Using this methodology, it can be gleaned that SURSECO-I's demand for power will increase with an average load growth of 6% from years 2019 to 2028. The possible entry of indicative big load consumers is seen to contribute to the increase in the demand for power. Among these indicative loads are commercial buildings that are set to be built at the Tourism spots of Bislig City and Hinatuan. The entry of Oil Mill in Tagasaka and the expected Central Warehouse and Provincial hospital in Barobo are also big loads expected to boost system demand.

# POWER SUPPLY PROCUREMENT PLAN

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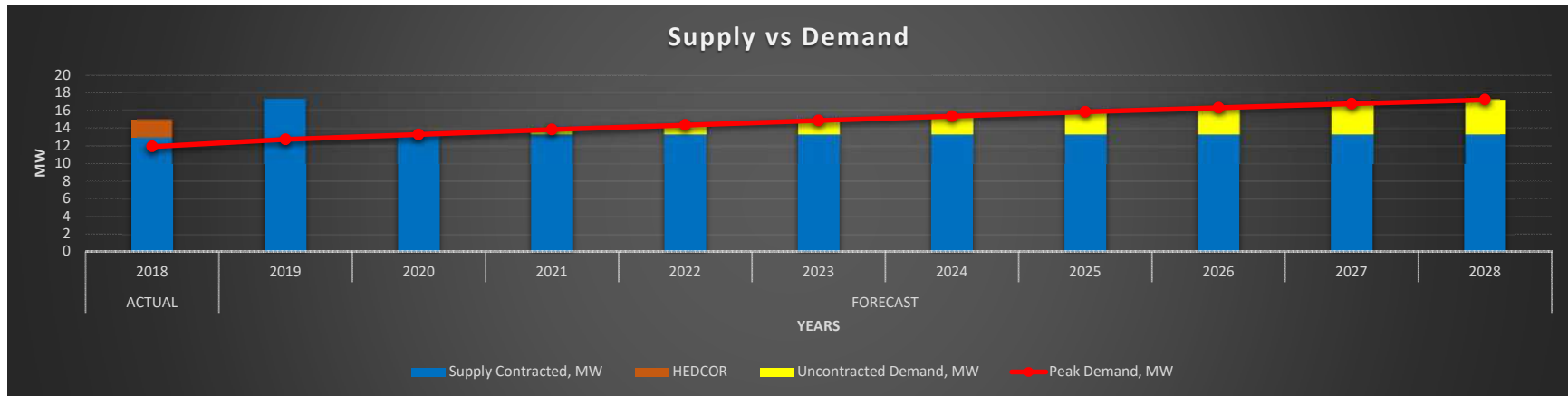
### LOAD PROFILE AND LOAD DURATION CURVE



Peak demand is the duration within the day with the highest usage of energy. For SURSECO-I, peak hours occur at 7PM-9PM when residential customers use power through home appliances and gadgets. Meanwhile, big load consumer, Gaisano Capital closes at 8PM where demand starts to go down. Base Demand, on the other hand, occurs from 2 AM to 5AM when load is mostly Streetlights. By 10AM onwards, intermediate load occurs and this is when most commercial establishments such as Gaisano Capital starts full operation and mobilization of their equipment.

**MIX SUPPLY VS DEMAND AND THE OPTIMAL SUPPLY**

Supply Demand	ACTUAL	FORECAST									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Peak Demand, MW	11.911	12.720	13.279	13.820	14.343	14.852	15.347	15.829	16.300	16.760	17.210
Supply Contracted, MW	13	17.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
NPC - PSALM	2	2	2	2	2	2	2	2	2	2	2
Therma South Inc. (TSI)	3	3	3	3	3	3	3	3	3	3	3
Mapalad Power Corp. (MPC)	4	4	0	0	0	0	0	0	0	0	0
HEDCOR	2	0	0	0	0	0	0	0	0	0	0
GN Power	2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
Uncontracted Demand, MW	0.000	0.000	0.000	0.520	1.043	1.552	2.047	2.529	3.000	3.460	3.910





### List of Existing Contracts and Details

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)
NPC - PSALM	NPC - PSALM	80%	Dec. 2017	Dec. 2020	2.00	1,168	Base	Grid	NPC	Existing	Mix	1,520	982.10
TSI	Aboitiz	86%	May 2015	May 2040	3.00	2,160	Base	Grid	IPP	Existing	Coal	300	300
MAPALAD	Alsons Group	-	Dec. 2016	Dec. 2019	4.00	2,880	Peaking	Grid	IPP	Existing	Diesel	103	103
HEDCOR	Aboitiz	-	Nov. 2017	Until Commercial Operation of WESM	2.00	1,440	Base	Grid	IPP	Existing	Hydro	68.8	68.8
GN Power	GN Power	75%	3rd Qrt. of 2018	2042	8.30	4,780.80	Base	Grid	IPP	On going construction	Coal	600	600

Based on the DDP supply and demand projection starting from 2019 to 2028, SURSECO-I shall outsource its power from NPC - PSALM, Therma South, Inc., (TSI), Mapalad Power Corp. (MPC), HEDCOR and GN Power. The growth of households brought about by the total electrification mandate however is forecasted to cause a power deficit. Part of SURSECO - 1's prudent initiative in the light of the escalating customer demand in electricity is to outsource power from renewable power source. This is in compliance with the Renewable Portfolio Standard (RPS), a DOE directive for distribution utilities to engage a portion of their energy supply from Eligible Renewable Energy Facilities to develop indigenous and environmentally friendly energy source. Hence, SURSECO - 1 shall be fully compliant to the said directive as it expects to have a supply mix of around 25% renewable power and 75% fossil fuel in the next 10 to 15 years with its engagement with a hybrid technology for sitios and households farther down grid.

## DISTRIBUTION IMPACT STUDY

The San Fernando Substation suffers low voltage problem at the farthest portion of Feeder 2. This is one of the major contributors of SURSECO-I's system loss. In case of any PMS of the said substation, there is also no available back up supply to energize the coverage area of the affected substation which will be one of the causes of the increase in the SAIDI and SAIFI of the Coop.

To cater to these concerns, the Cooperative is set to undertake the installation of the Tagasaka Substation which will solve the power quality problem in Feeder 2 and help reduce the system loss of the whole distribution system. In addition, the relocation of Barobo substation will help improve the power quality of Feeder 4 in accordance with the set standard value of PDC. Also, the uprating of the San Fernando substation from 5MVA to 10 MVA will solve the N-1 contingency of the Coop in times of substation PMS of the neighboring substation.



## 10 YEAR MONTHLY DATA

Year	Forecast			Contracted and For PSA Approval Demand and Energy		Uncontracted Demand and Energy		Committed for CSP	
	Coincident Peak Demand (MW)	Off Peak Demand (MW)	Energy Requirement (MWh)	Demand (MW)	Energy (MWh)	Uncontracted Demand (MW)	Uncontracted Energy (MWh)	Demand (MW)	Energy (MWh)
<b>2019</b>									
Jan	11.66	5.41	5,006.98	17.30	10,988.80	5.64	5,981.82	N/A	N/A
Feb	11.49	3.92	5,042.76	17.30	10,988.80	5.81	5,946.04	N/A	N/A
Mar	11.73	5.71	4,701.54	17.30	10,988.80	5.57	6,287.26	N/A	N/A
Apr	12.12	5.86	5,262.22	17.30	10,988.80	5.18	5,726.58	N/A	N/A
May	12.29	6.76	5,490.21	17.30	10,988.80	5.01	5,498.59	N/A	N/A
Jun	12.54	6.24	5,503.35	17.30	10,988.80	4.76	5,485.45	N/A	N/A
Jul	12.48	6.37	5,370.42	17.30	10,988.80	4.82	5,618.38	N/A	N/A
Aug	12.54	6.84	5,643.66	17.30	10,988.80	4.76	5,345.14	N/A	N/A
Sep	12.72	6.76	5,612.53	17.30	10,988.80	4.58	5,376.27	N/A	N/A
Oct	12.59	6.70	5,621.94	17.30	10,988.80	4.71	5,366.86	N/A	N/A
Nov	12.37	5.90	5,515.31	17.30	10,988.80	4.93	5,473.49	N/A	N/A
Dec	12.22	6.22	5,319.10	17.30	10,988.80	5.08	5,669.70	N/A	N/A
<b>2020</b>									
Jan	12.17	5.65	5,232.73	13.30	8,108.80	1.13	2,876.07	N/A	N/A
Feb	12.00	4.10	5,270.13	13.30	8,108.80	1.30	2,838.67	N/A	N/A
Mar	12.25	5.96	4,913.52	13.30	8,108.80	1.05	3,195.28	N/A	N/A
Apr	12.65	6.11	5,499.49	13.30	8,108.80	0.65	2,609.31	N/A	N/A
May	12.83	7.05	5,737.76	13.30	8,108.80	0.47	2,371.04	N/A	N/A
Jun	13.09	6.51	5,751.48	13.30	8,108.80	0.21	2,357.32	N/A	N/A
Jul	13.03	6.65	5,612.56	13.30	8,108.80	0.27	2,496.24	N/A	N/A
Aug	13.09	7.14	5,898.12	13.30	8,108.80	0.21	2,210.68	N/A	N/A
Sep	13.28	7.06	5,865.59	13.30	8,108.80	0.02	2,243.21	N/A	N/A
Oct	13.15	7.00	5,875.43	13.30	8,108.80	0.15	2,233.37	N/A	N/A
Nov	12.92	6.16	5,763.98	13.30	8,108.80	0.38	2,344.82	N/A	N/A
Dec	12.75	6.49	5,558.93	13.30	8,108.80	0.55	2,549.87	N/A	N/A
<b>2021</b>									
Jan	12.66	5.88	5,451.56	13.30	8,108.80	0.64	2,657.24	N/A	N/A
Feb	12.49	4.26	5,490.52	13.30	8,108.80	0.81	2,618.28	N/A	N/A
Mar	12.74	6.20	5,119.00	13.30	8,108.80	0.56	2,989.80	N/A	N/A
Apr	13.17	6.36	5,729.47	13.30	8,108.80	0.13	2,379.33	N/A	N/A
May	13.35	7.34	5,977.70	13.30	8,108.80	(0.05)	2,131.10	N/A	N/A
Jun	13.62	6.78	5,992.00	13.30	8,108.80	(0.32)	2,116.80	N/A	N/A
Jul	13.56	6.92	5,847.27	13.30	8,108.80	(0.26)	2,261.53	N/A	N/A
Aug	13.62	7.43	6,144.77	13.30	8,108.80	(0.32)	1,964.03	N/A	N/A
Sep	13.82	7.35	6,110.88	13.30	8,108.80	(0.52)	1,997.92	N/A	N/A
Oct	13.68	7.28	6,121.13	13.30	8,108.80	(0.38)	1,987.67	N/A	N/A
Nov	13.44	6.42	6,005.02	13.30	8,108.80	(0.14)	2,103.78	N/A	N/A
Dec	13.27	6.75	5,791.39	13.30	8,108.80	0.03	2,317.41	N/A	N/A
<b>2022</b>									
Jan	13.14	6.10	5,664.19	13.30	8,108.80	0.16	2,444.61	2.00	N/A
Feb	12.96	4.42	5,704.67	13.30	8,108.80	0.34	2,404.13	2.00	N/A
Mar	13.23	6.43	5,318.66	13.30	8,108.80	0.07	2,790.14	2.00	N/A
Apr	13.67	6.60	5,952.94	13.30	8,108.80	(0.37)	2,155.86	2.00	N/A
May	13.86	7.62	6,210.85	13.30	8,108.80	(0.56)	1,897.95	2.00	N/A
Jun	14.14	7.03	6,225.71	13.30	8,108.80	(0.84)	1,883.09	2.00	N/A
Jul	14.08	7.18	6,075.34	13.30	8,108.80	(0.78)	2,033.46	2.00	N/A
Aug	14.14	7.71	6,384.44	13.30	8,108.80	(0.84)	1,724.36	2.00	N/A
Sep	14.34	7.62	6,349.23	13.30	8,108.80	(1.04)	1,759.57	2.00	N/A
Oct	14.20	7.56	6,359.88	13.30	8,108.80	(0.90)	1,748.92	2.00	N/A
Nov	13.95	6.66	6,239.24	13.30	8,108.80	(0.65)	1,869.56	2.00	N/A
Dec	13.77	7.01	6,017.28	13.30	8,108.80	(0.47)	2,091.52	2.00	N/A

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<b>2023</b>									
Jan	13.61	6.32	5,871.19	13.30	8,108.80	(0.31)	2,237.61	2.00	1,488.00
Feb	13.42	4.58	5,913.15	13.30	8,108.80	(0.12)	2,195.65	2.00	1,344.00
Mar	13.70	6.66	5,513.03	13.30	8,108.80	(0.40)	2,595.77	2.00	1,488.00
Apr	14.15	6.84	6,170.48	13.30	8,108.80	(0.85)	1,938.32	2.00	1,440.00
May	14.35	7.89	6,437.83	13.30	8,108.80	(1.05)	1,670.97	2.00	1,488.00
Jun	14.64	7.28	6,453.23	13.30	8,108.80	(1.34)	1,655.57	2.00	1,440.00
Jul	14.57	7.44	6,297.36	13.30	8,108.80	(1.27)	1,811.44	2.00	1,488.00
Aug	14.64	7.98	6,617.76	13.30	8,108.80	(1.34)	1,491.04	2.00	1,488.00
Sep	14.85	7.89	6,581.26	13.30	8,108.80	(1.55)	1,527.54	2.00	1,440.00
Oct	14.70	7.83	6,592.29	13.30	8,108.80	(1.40)	1,516.51	2.00	1,488.00
Nov	14.45	6.89	6,467.25	13.30	8,108.80	(1.15)	1,641.55	2.00	1,440.00
Dec	14.26	7.26	6,237.18	13.30	8,108.80	(0.96)	1,871.62	2.00	1,488.00
<b>2024</b>									
Jan	14.06	6.53	6,072.98	13.30	8,108.80	(0.76)	2,035.82	2.00	1,488.00
Feb	13.86	4.73	6,116.38	13.30	8,108.80	(0.56)	1,992.42	2.00	1,392.00
Mar	14.15	6.88	5,702.52	13.30	8,108.80	(0.85)	2,406.28	2.00	1,488.00
Apr	14.62	7.06	6,382.57	13.30	8,108.80	(1.32)	1,726.23	2.00	1,440.00
May	14.83	8.15	6,659.10	13.30	8,108.80	(1.53)	1,449.70	2.00	1,488.00
Jun	15.13	7.53	6,675.03	13.30	8,108.80	(1.83)	1,433.77	2.00	1,440.00
Jul	15.06	7.69	6,513.80	13.30	8,108.80	(1.76)	1,595.00	2.00	1,488.00
Aug	15.13	8.25	6,845.21	13.30	8,108.80	(1.83)	1,263.59	2.00	1,488.00
Sep	15.35	8.16	6,807.46	13.30	8,108.80	(2.05)	1,301.34	2.00	1,440.00
Oct	15.19	8.09	6,818.88	13.30	8,108.80	(1.89)	1,289.92	2.00	1,488.00
Nov	14.93	7.12	6,689.54	13.30	8,108.80	(1.63)	1,419.26	2.00	1,440.00
Dec	14.74	7.50	6,451.56	13.30	8,108.80	(1.44)	1,657.24	2.00	1,488.00
<b>2025</b>									
Jan	14.50	6.73	6,269.95	13.30	8,108.80	(1.20)	1,838.85	2.00	1,488.00
Feb	14.30	4.88	6,314.76	13.30	8,108.80	(1.00)	1,794.04	2.00	1,344.00
Mar	14.60	7.10	5,887.47	13.30	8,108.80	(1.30)	2,221.33	2.00	1,488.00
Apr	15.08	7.29	6,589.57	13.30	8,108.80	(1.78)	1,519.23	2.00	1,440.00
May	15.30	8.41	6,875.07	13.30	8,108.80	(2.00)	1,233.73	2.00	1,488.00
Jun	15.60	7.76	6,891.52	13.30	8,108.80	(2.30)	1,217.28	2.00	1,440.00
Jul	15.53	7.93	6,725.06	13.30	8,108.80	(2.23)	1,383.74	2.00	1,488.00
Aug	15.60	8.51	7,067.22	13.30	8,108.80	(2.30)	1,041.58	2.00	1,488.00
Sep	15.83	8.41	7,028.25	13.30	8,108.80	(2.53)	1,080.55	2.00	1,440.00
Oct	15.67	8.34	7,040.03	13.30	8,108.80	(2.37)	1,068.77	2.00	1,488.00
Nov	15.40	7.35	6,906.50	13.30	8,108.80	(2.10)	1,202.30	2.00	1,440.00
Dec	15.20	7.74	6,660.80	13.30	8,108.80	(1.90)	1,448.00	2.00	1,488.00
<b>2026</b>									
Jan	14.94	6.93	6,462.40	13.30	8,108.80	(1.64)	1,646.40	2.00	1,488.00
Feb	14.73	5.03	6,508.58	13.30	8,108.80	(1.43)	1,600.22	2.00	1,344.00
Mar	15.03	7.31	6,068.18	13.30	8,108.80	(1.73)	2,040.62	2.00	1,488.00
Apr	15.53	7.50	6,791.83	13.30	8,108.80	(2.23)	1,316.97	2.00	1,440.00
May	15.75	8.66	7,086.10	13.30	8,108.80	(2.45)	1,022.70	2.00	1,488.00
Jun	16.07	7.99	7,103.05	13.30	8,108.80	(2.77)	1,005.75	2.00	1,440.00
Jul	16.00	8.16	6,931.48	13.30	8,108.80	(2.70)	1,177.32	2.00	1,488.00
Aug	16.07	8.76	7,284.14	13.30	8,108.80	(2.77)	824.66	2.00	1,488.00
Sep	16.30	8.66	7,243.97	13.30	8,108.80	(3.00)	864.83	2.00	1,440.00
Oct	16.14	8.59	7,256.12	13.30	8,108.80	(2.84)	852.68	2.00	1,488.00
Nov	15.86	7.57	7,118.49	13.30	8,108.80	(2.56)	990.31	2.00	1,440.00
Dec	15.65	7.97	6,865.25	13.30	8,108.80	(2.35)	1,243.55	2.00	1,488.00
<b>2027</b>									
Jan	15.36	7.13	6,650.61	13.30	8,108.80	(2.06)	1,458.19	2.00	1,488.00
Feb	15.14	5.17	6,698.14	13.30	8,108.80	(1.84)	1,410.66	2.00	1,344.00
Mar	15.46	7.52	6,244.90	13.30	8,108.80	(2.16)	1,863.90	2.00	1,488.00
Apr	15.97	7.72	6,989.64	13.30	8,108.80	(2.67)	1,119.16	2.00	1,440.00
May	16.20	8.90	7,292.47	13.30	8,108.80	(2.90)	816.33	2.00	1,488.00
Jun	16.52	8.22	7,309.91	13.30	8,108.80	(3.22)	798.89	2.00	1,440.00
Jul	16.45	8.39	7,133.35	13.30	8,108.80	(3.15)	975.45	2.00	1,488.00
Aug	16.52	9.01	7,496.28	13.30	8,108.80	(3.22)	612.52	2.00	1,488.00
Sep	16.76	8.91	7,454.94	13.30	8,108.80	(3.46)	653.86	2.00	1,440.00
Oct	16.59	8.83	7,467.44	13.30	8,108.80	(3.29)	641.36	2.00	1,488.00
Nov	16.30	7.78	7,325.80	13.30	8,108.80	(3.00)	783.00	2.00	1,440.00
Dec	16.10	8.19	7,065.19	13.30	8,108.80	(2.80)	1,043.61	2.00	1,488.00

## POWER SUPPLY PROCUREMENT PLAN

<b>2028</b>									
Jan	15.77	7.32	6,834.82	13.30	8,108.80	(2.47)	1,273.98	2.00	1,488.00
Feb	15.55	5.31	6,883.66	13.30	8,108.80	(2.25)	1,225.14	2.00	1,392.00
Mar	15.87	7.72	6,417.88	13.30	8,108.80	(2.57)	1,690.92	2.00	1,488.00
Apr	16.40	7.92	7,183.24	13.30	8,108.80	(3.10)	925.56	2.00	1,440.00
May	16.63	9.14	7,494.46	13.30	8,108.80	(3.33)	614.34	2.00	1,488.00
Jun	16.97	8.44	7,512.39	13.30	8,108.80	(3.67)	596.41	2.00	1,440.00
Jul	16.89	8.62	7,330.94	13.30	8,108.80	(3.59)	777.86	2.00	1,488.00
Aug	16.96	9.25	7,703.92	13.30	8,108.80	(3.66)	404.88	2.00	1,488.00
Sep	17.21	9.15	7,661.43	13.30	8,108.80	(3.91)	447.37	2.00	1,440.00
Oct	17.04	9.07	7,674.28	13.30	8,108.80	(3.74)	434.52	2.00	1,488.00
Nov	16.74	7.99	7,528.72	13.30	8,108.80	(3.44)	580.08	2.00	1,440.00
Dec	16.53	8.41	7,260.88	13.30	8,108.80	(3.23)	847.92	2.00	1,488.00

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