

SORSOGON II ELECTRIC COOPERATIVE

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 PSPP 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.

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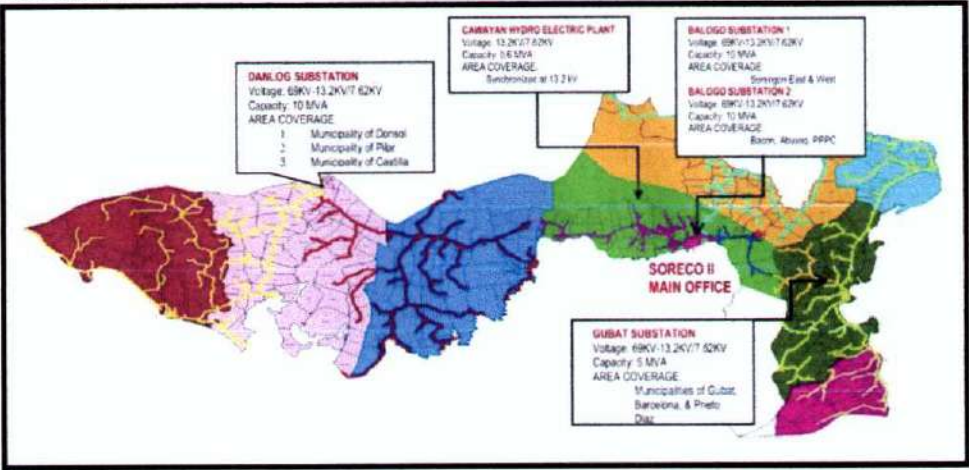
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INTRODUCTION

DISTRIBUTION UTILITIES PROFILE

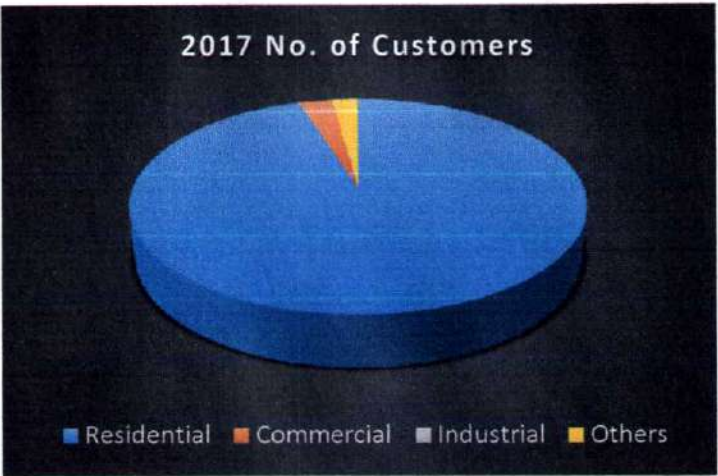
SORECO II serve a total of six municipalities and 1 city in its franchise area at the northern part of the province of Sorsogon, with a total area of 1134 square kilometres. Presently, SORECO II head office is located at Brgy. Buhatan, Sorsogon City and managed by Atty. Percival G. Alvarez, with the cooperation of eight (8) members of the Board of Directors headed by Mr. Aurelio D. Destacamento as President, 263 Regular employees and 1 Probationary employee, wherein 109 of it are office workers and 154 are assigned at field. On May 2017, SORECO II was rated "Category A" by NEA thru its KPS for the year 2016. As of Dec.2017, SORECO II's Collection Efficiency and System Loss are 95.06% and 11.43%, respectively. Whole coverage area comprises a total of 1707 sitios and as of December 2017, there were only 121 unenergized sitios left for

SORECO II Franchise MAP



Number of Customer	ACTUAL	FORECAST									
	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Residential	83647	84914	89104	93706	98758	104297	110361	116987	124213	132076	140614
Commercial	2493	2621.43	2758.4	2916.5	3097.35	3302.41	3533.3	3791.5	4078.66	4396.3	4746
Industrial	13	16	17	18	20	21	23	25	27	29	31
Others	1887	1894.72	1957.1	2031.2	2118.57	2220.59	2338.8	2474.6	2629.62	2805.23	3003
Contestable Cus	1	1	1	1	1	1	1	1	1	1	1
Total (Captive C	88040	89446	93836	98672	103993	109841	116256	123278	130948	139306	148394

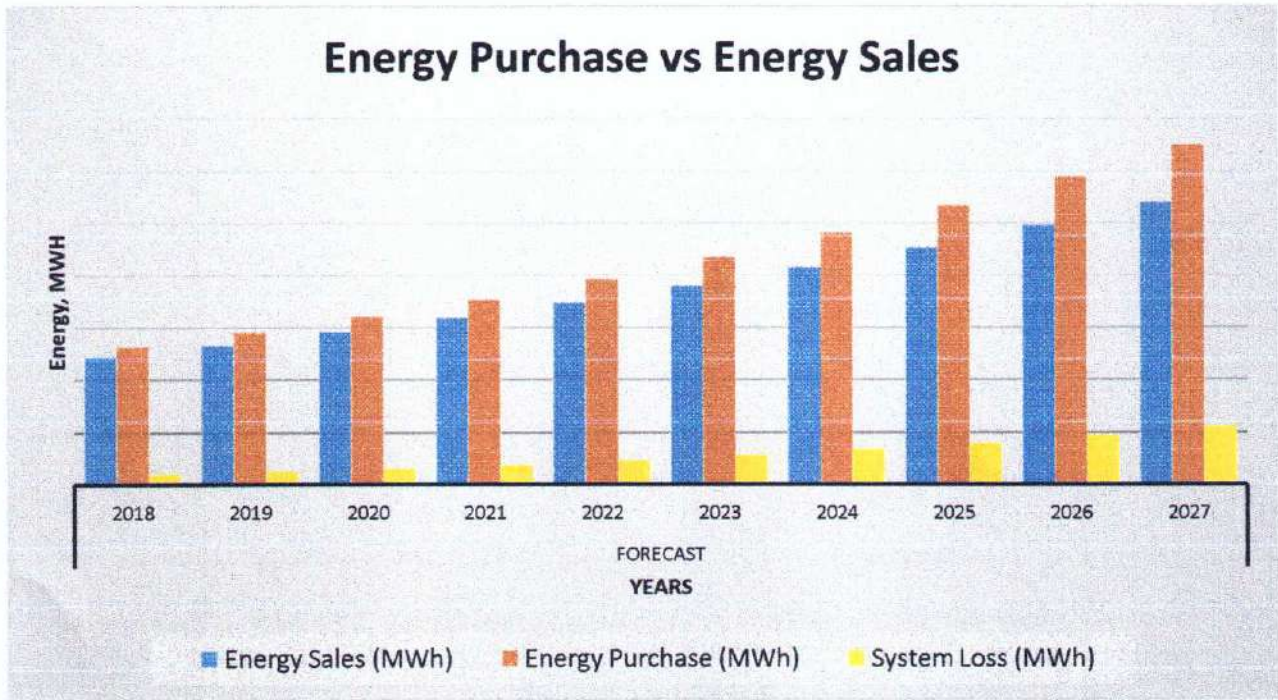
As illustrated, 95.01% of the Consumers connected are residential, followed by commercial at 2.83%, Public Building at 1.93%, while Industrial is only at 0.01% of the total. Also, as shown in the table that the projected growth is still dominated by the residential class with the proportionate increase for commercial and industrial class.



ENERGY SALES AND PURCHASE

ENERGY SALES AND	HISTORICAL									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Energy Sales (MWh)	48474	53300	60502	59416	65385	72934	71544	84866	103873	116903
Energy Purchase (MWh)	61142	64923	71858	70653	77753	84167	82839	96650	110178	124832
System Loss (MWh)	12668	11623	11356	11237	12368	11233	11294	11784	6304.9	7929.4

ENERGY SALES AND	FORECAST									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Energy Sales (MWh)	121302	132560	144998.9	158675	173646	189965	207691	226879	247585	269865
Energy Purchase (MWh)	130832	144459	159797.4	176962	196068	217230	240563	266181	294201	324736
System Loss (MWh)	9530	11899	14799	18287	22422	27264	32872	39303	46616	54872

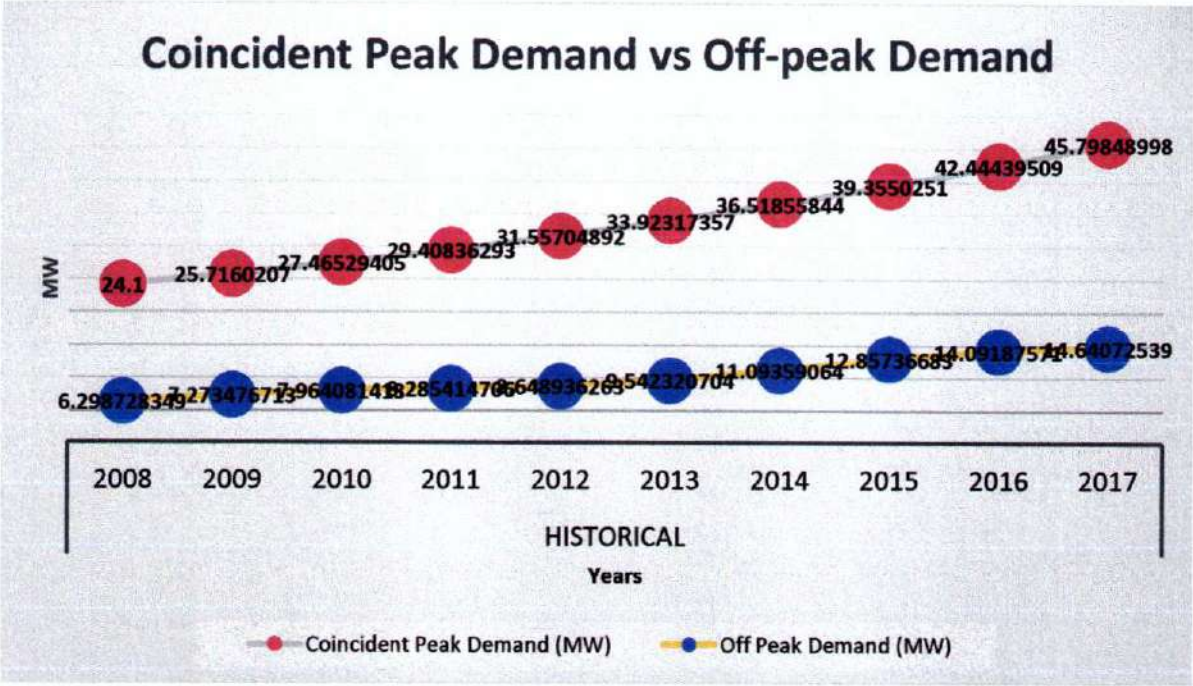


Historical data shows that there is an steady growth on energy sales and purchase wherein there is a consistency of higher growth rate for the energy sales over the energy purchase which is a good indicator for attaining a lower system loss. Significant increase on the growth rate can be observed on year 2009 and 2010. However, 2011 it drops down a bit and recovers again on 2012 and the years that follow making a substantial growth. With the growth rate of about 18%, 13% and 10% for year 2015, 2016, 2017 respectively, the projected energy sales and purchase ramp up for the next five years.

DEMAND

Demand	HISTORICAL									
	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Coincident Peak Demand (MW)	12.85	12.79	14.75	13.12	14.49	19.42	19.66	21.68	20.25	22.0
Off Peak Demand (MW)				3.049	4.194	4.284	3.84	3.362	5.564	5.455

Demand	HISTORICAL									
	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Coincident Peak Demand (MW)	24.1	25.72	27.47	29.41	31.56	33.92	36.52	39.36	42.44	45.8
Off Peak Demand (MW)	6.299	7.273	7.964	8.285	8.649	9.542	11.09	12.86	14.09	14.64

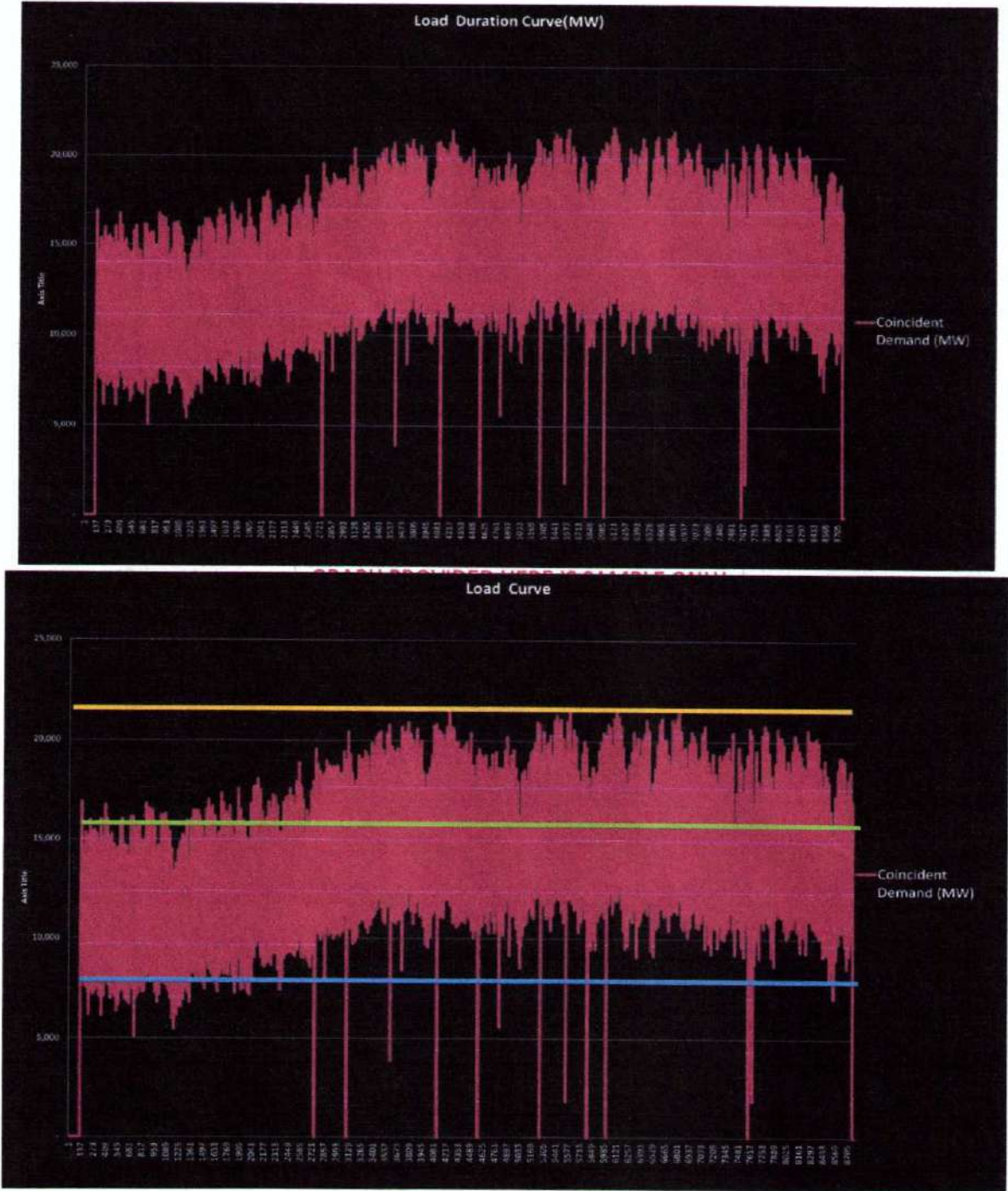


As shown in the historical data, significant growth on the demand is noted in year 2010 and 2013 and steadily grows up to 2015 with an slight decrease on 2016. For 2017 the growth ramps up a substantial rate at about 7.94% wherein it serves take-off point and has a great impact on the projected demand for the next 5 years. The leap on the demand was attributed to series of openings of new commercial centers at the city from the last quarter of 2016 up to 2017. The following table shows the forecasting method used

POWER SUPPLY PROCUREMENT PLAN

Model No.	Forecasting Model	Model Description	Validity Tests	Accuracy	Remarks (Pass/Fail)
1	$L(t) = a + bt$	Linear Trend	Stat: (>2 , <-2); P-	+ or - 3%	
2	$L(t) = a + bt + ct^2$	Quadratic Trend	Adj R^2 : (>0.99) ; t- Stat: (>2 , <-2); P- Value: (<0.1)	+ or - 3%	
3	$L(t) = a + bt + ct^2 + dt^3$	Cubic Trend	Adj R^2 : (>0.99) ; t- Stat: (>2 , <-2); P- Value: (<0.1)	+ or - 3%	
4	$L(t) = a + bt + ct^2 + dt^3$	Cubic Trend @	Stat: (>2 , <-2); P-	+ or - 3%	
5	$L(t) = a + bt + ct^2 + dt^3$	Cubic Trend @	Stat: (>2 , <-2); P-	+ or - 3%	
6	$L(t) = a + bt + ct^2 + dt^3$	Cubic Trend with	Stat: (>2 , <-2); P-	+ or - 3%	
***	<i>Subsequently, those that didn't pass were rejected. The chosen model has at least $\pm 3\%$ forecasting error and was used for the technical evaluation of the future system.</i>				

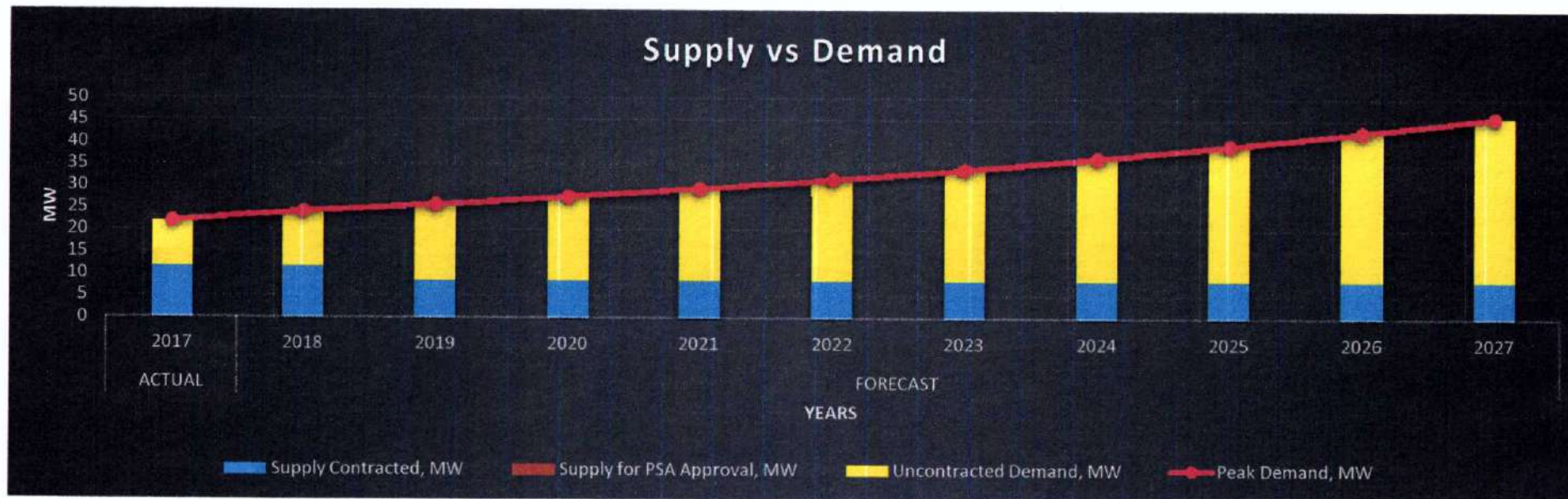
LOAD PROFILE AND LOAD DURATION CURVE



Blue Line correspond to the base load which is about 7.5 MW; Green Line for the mid-merit at about 17 MW; and Yellow Line for the Peak load which is 22 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	21.99435	24.14872	25.71602	27.46529	29.40836	31.55705	33.92317	36.51856	39.35503	42.4444	45.79849
Supply Contracted, MW	11.6	11.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
N Power Mariveles Coal Plant Ltd. C	11	11	8	8	8	8	8	8	8	8	8
SUWECO	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6	0.6
Generation Plant Name 3											
Supply for PSA Approval, MW	0	0	0	0	0	0	0	0	0	0	0
Generation Plant Name 1											
Generation Plant Name 2											
Generation Plant Name 3											
Uncontracted Demand, MW	10.39435	12.54872	17.11602	18.86529	20.80836	22.95705	25.32317	27.91856	30.75503	33.8444	37.19849



POWER SUPPLY PROCUREMENT PLAN

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)
GenCo 1	GN Power	65%	Feb-14	Feb-29	11	70080	5.5-11	Grid Connected	IPP/NON-N	OPERATIONAL	COAL	0.2	300 MW
GenCo 2	SUWECO				0.6	3276.056		Embedded	IPP/NON-N	OPERATIONAL	HYDRO	0.6	0.6
GenCo 3													
GenCo 4													
GenCo 5													

Our contracted demand was 11 MW from GN Power for 1st to 60th months with minimum quantity of 53,865,240 kWh and minimum of 65% capacity factor and for 61st month to 180th month the contracted capacity will be decreased to 8MW with 39,174,720 minimum quantity and minimum of 65% capacity factor. At the 1st year of the PSA SORECO II's exposure to WESM is about 44%, the following year it reduces to 34% and goes steady by 31% to 34% on year that follows. Hence, with GNPowr full operation with exemption of maintenance outages, 65% of SORECO II's supply comes from said GenCo. SORECO II has also an existing Joint Venture Agreement to SUWECO, with 600 KW synchronized on the 13.8 kV Distribution System and serves as the supply for the base load of the Peter Paul Philippines Corporation.

DISTRIBUTION IMPACT STUDY

To cope up with the continuous development of Sorsogon City and its neighboring municipalities within its franchise area, Sorsogon II Electric Cooperative has its main distribution lines rehabilitated and/or uprated. A new three-phase distribution line, with 336.4 MCM primary conductor, solely for existing and future commercial consumers has been constructed spanning more than 4 kms in Sorsogon City. Old Sorsogon Feeder was also rehabilitated and uprated to 336.4 MCM primary conductor. Main distribution lines at the municipalities of Gubat, Barcelona, Prieto Diaz, Pilar, and Donsol were also rehabilitated, uprated and converted from vee-phase to three-phase distribution lines. Other major distribution lines to be rehabilitated like Bacon Feeder and Abuyog Feeder were applied as CAPEX Projects.

Upgrading of our 10MVA to 20 MVA Balogo-T1 Substation (already on a bidding process and included in CAPEX application) is necessary to accommodate the future big loads customers. All other substations are sufficient in handling other loads. Upgrading of distribution lines already commenced to accommodate the increase of loads in the future. Only Balogo-T1 Substation is critical with its loading at 83.29%; Balogo-T2 Substation is at 41.37%; Gubat Substation at 42.62%; and Danlog Substation at 47.91% as projected beginning 2018. Numerous units of circuit reclosers (single phase and three phase); sectionalizers; and expulsion type combination cutouts are included in Capital Projects application to augment safety and reliability. To comply with PGC, circuit breakers (SF6) are also included in the application, particularly, for Balogo-T1 and Gubat

LOAD FLOW ANALYSIS

The base load of SORECO II last 2017 was about 6 MW while having a contracted capacity of 11 MW however the peak demand reached more than 21 MW. In these situation, SORECO II has more exposure in the Wholesale Electricity Spot Market which affected the generation rate paid by its member consumers. By March 2019, the contracted capacity of SORECO II with its power supplier will decrease to only 8 MW increasing further the exposure of the cooperative to the spot market. In 2020 the peak demand of SORECO II, as forecasted, will be more than 32 MW with base load more than 8 MW. With these scenario, it is proposed that SORECO II should add 8 MW more on its existing contracted capacity from 2019 to 2021 (tier 1 - short term) which will compensate for its intermediate demand of about 16 MW. To further compensate the continuous increase in demand of its consumers, it is also proposed that SORECO II increase its contracted capacity to 10 MW in the next 5 years (2022 to 2027, tier 2 - medium term) in place of the contracted 8 MW (tier 1). The peak demand of SORECO II by 2022 as forecasted will be more than 36 MW with base load of about 9 MW and intermediate load of about 18 MW.

POWER SUPPLY PROCUREMENT PLAN

SCHEDULE OF CSP

[illegible]

10 Year Monthly Data

Year	Forecast			Contracted and For PSA Approval Demand and Energy		Uncontracted Demand and Energy		Committed for CSP	
	Coinciden t Peak Demand (MW)	Off Peak Demand (MW)	Energy Requirement (MWh)	Demand (MW)	Energy (MWh)	Uncontra cted Demand (MW)	Uncontracte d Energy (MWh)	Demand (MW)	Energy (MWh)
2018									
Jan	18.25	6.61	8,021.73	11.60	-	6.65	(608.67)		
Feb	17.85	6.30	8,957.54	11.60	-	6.25	327.54		
Mar	19.74	8.26	9,016.42	11.60	-	8.14	1,221.22		
Apr	23.04	8.55	10,759.08	11.60	-	11.44	2,128.68		
May	22.29	11.23	12,179.54	11.60	-	10.69	3,827.54		
Jun	24.51	10.73	13,302.27	11.60	-	12.91	4,671.87		
Jul	22.29	10.46	12,480.80	11.60	-	10.69	4,128.80		
Aug	24.77	11.38	12,539.65	11.60	-	13.17	3,909.25		
Sep	25.04	10.51	11,962.28	11.60	-	13.44	3,331.88		
Oct	25.57	10.72	11,568.10	11.60	-	13.97	3,216.10		
Nov	23.86	10.05	11,543.27	11.60	-	12.26	2,912.87		
Dec	23.68	8.13	11,075.26	11.60	-	12.08	2,723.26		
2019									
Jan	19.62	7.63	9,035.47	11.60	-	8.02	405.07		
Feb	18.83	7.27	9,101.55	11.60	-	7.23	749.55		
Mar	20.96	9.54	9,562.12	8.60	-	11.36	3,782.92		
Apr	26.18	9.88	11,213.78	8.60	-	16.58	4,815.38		
May	23.76	12.97	12,959.41	8.60	-	14.16	6,767.41		
Jun	27.54	11.74	14,471.86	8.60	-	17.94	8,073.46		
Jul	24.07	11.46	14,308.16	8.60	-	14.47	8,116.16		
Aug	27.90	13.14	13,402.70	8.60	-	18.30	7,004.30		
Sep	28.55	12.14	12,282.80	8.60	-	18.95	5,884.40		
Oct	29.79	12.38	11,936.79	8.60	-	20.19	5,744.79	8.00	
Nov	26.97	11.61	12,083.53	8.60	-	17.37	5,685.13	8.00	
Dec	26.73	9.39	11,599.35	8.60	-	17.13	5,407.35	8.00	
2020									
Jan	21.10	8.36	10,177.30	8.60	-	11.50	3,778.90	8.00	
Feb	19.86	7.96	9,247.87	8.60	-	10.26	2,849.47	8.00	
Mar	22.26	10.45	10,140.84	8.60	-	12.66	4,361.64	8.00	
Apr	29.75	10.82	11,687.69	8.60	-	20.15	5,289.29	8.00	
May	25.33	14.20	13,789.21	8.60	-	15.73	7,597.21	8.00	
Jun	30.94	13.31	15,744.29	8.60	-	21.34	9,345.89	8.00	
Jul	26.00	13.17	16,403.07	8.60	-	16.40	10,211.07	8.00	
Aug	31.42	14.38	14,325.14	8.60	-	21.82	7,926.74	8.00	
Sep	32.57	13.29	12,611.91	8.60	-	22.97	6,213.51	8.00	
Oct	34.70	13.56	12,317.23	8.60	-	25.10	6,125.23	8.00	
Nov	30.48	12.71	12,649.08	8.60	-	20.88	6,250.68	8.00	
Dec	30.18	10.28	12,148.24	8.60	-	20.58	5,956.24	8.00	
2021									
Jan	25.66	8.70	11,688.76	8.60	-	16.06	5,290.36	8.00	

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Feb	25.48	8.29	12,361.51	8.60	-	15.88	5,963.11	8.00	
Mar	27.41	10.87	11,952.47	8.60	-	17.81	6,173.27	8.00	
Apr	29.71	11.25	14,794.59	8.60	-	20.11	8,396.19	8.00	
May	31.54	14.78	16,701.93	8.60	-	21.94	10,509.93	8.00	
Jun	32.57	13.80	17,822.61	8.60	-	22.97	11,424.21	8.00	
Jul	30.97	13.50	16,019.92	8.60	-	21.37	9,827.92	8.00	
Aug	32.74	14.96	17,360.25	8.60	-	23.14	10,961.85	8.00	
Sep	32.86	13.83	16,849.20	8.60	-	23.26	10,450.80	8.00	
Oct	35.56	14.10	16,170.79	8.60	-	25.96	9,978.79	8.00	
Nov	31.55	13.22	15,952.12	8.60	-	21.95	9,553.72	8.00	
Dec	31.27	10.70	14,927.32	8.60	-	21.67	8,735.32	8.00	
2022									
Jan	26.79	9.08	12,201.60	8.60	-	17.19	5,803.20	8.00	
Feb	26.59	8.65	12,903.87	8.60	-	16.99	6,505.47	8.00	
Mar	28.61	11.35	12,476.89	8.60	-	19.01	6,697.69	8.00	
Apr	31.01	11.75	15,443.70	8.60	-	21.41	9,045.30	8.00	
May	32.93	15.42	17,434.72	8.60	-	23.33	11,242.72	8.00	
Jun	34.00	15.36	18,604.57	8.60	-	24.40	12,206.17	8.00	
Jul	32.33	14.87	16,722.79	8.60	-	22.73	10,530.79	8.00	
Aug	34.18	15.62	18,121.92	8.60	-	24.58	11,723.52	8.00	
Sep	34.30	14.43	17,588.46	8.60	-	24.70	11,190.06	8.00	
Oct	35.99	14.72	16,880.28	8.60	-	26.39	10,688.28	10.00	
Nov	32.93	13.80	16,652.02	8.60	-	23.33	10,253.62	10.00	
Dec	32.64	11.17	15,582.25	8.60	-	23.04	9,390.25	10.00	
2023									
Jan	29.56	10.01	13,461.96	8.60	-	19.96	7,063.56	10.00	
Feb	29.34	9.54	14,236.76	8.60	-	19.74	7,838.36	10.00	
Mar	31.56	12.52	13,765.68	8.60	-	21.96	7,986.48	10.00	
Apr	34.22	12.96	17,038.95	8.60	-	24.62	10,640.55	10.00	
May	36.33	17.02	19,235.63	8.60	-	26.73	13,043.63	10.00	
Jun	37.51	16.75	20,526.32	8.60	-	27.91	14,127.92	10.00	
Jul	35.67	15.79	18,450.15	8.60	-	26.07	12,258.15	10.00	
Aug	37.71	17.23	19,993.81	8.60	-	28.11	13,595.41	10.00	
Sep	37.85	15.92	19,405.24	8.60	-	28.25	13,006.84	10.00	
Oct	37.50	16.24	18,623.91	8.60	-	27.90	12,431.91	10.00	
Nov	36.34	15.23	18,372.08	8.60	-	26.74	11,973.68	10.00	
Dec	36.01	12.32	17,191.81	8.60	-	26.41	10,999.81	10.00	
2024									
Jan	34.36	11.64	15,650.43	8.60	-	24.76	9,252.03	10.00	
Feb	34.11	11.09	16,551.20	8.60	-	24.51	10,152.80	10.00	
Mar	36.69	14.55	16,003.53	8.60	-	27.09	10,224.33	10.00	
Apr	39.78	15.07	19,808.92	8.60	-	30.18	13,410.52	10.00	
May	42.24	19.78	22,362.71	8.60	-	32.64	16,170.71	10.00	
Jun	43.61	18.14	23,863.23	8.60	-	34.01	17,464.83	10.00	
Jul	41.47	17.38	21,449.55	8.60	-	31.87	15,257.55	10.00	
Aug	43.84	20.03	23,244.16	8.60	-	34.24	16,845.76	10.00	
Sep	44.00	18.51	22,559.90	8.60	-	34.40	16,161.50	10.00	
Oct	43.59	18.88	21,651.56	8.60	-	33.99	15,459.56	10.00	
Nov	42.24	17.70	21,358.78	8.60	-	32.64	14,960.38	10.00	
Dec	41.87	14.33	19,986.63	8.60	-	32.27	13,794.63	10.00	

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2025									
Jan	39.82	13.49	18,138.70	8.60	-	30.22	11,740.30	10.00	
Feb	39.53	12.86	19,182.68	8.60	-	29.93	12,784.28	10.00	
Mar	42.53	16.87	18,547.93	8.60	-	32.93	12,768.73	10.00	
Apr	46.10	17.46	22,958.35	8.60	-	36.50	16,559.95	10.00	
May	48.95	22.93	25,918.17	8.60	-	39.35	19,726.17	10.00	
Jun	50.55	21.87	27,657.26	8.60	-	40.95	21,258.86	10.00	
Jul	48.06	20.19	24,859.82	8.60	-	38.46	18,667.82	10.00	
Aug	50.81	23.22	26,939.76	8.60	-	41.21	20,541.36	10.00	
Sep	50.99	21.45	26,146.71	8.60	-	41.39	19,748.31	10.00	
Oct	50.52	21.88	25,093.95	8.60	-	40.92	18,901.95	10.00	
Nov	48.96	20.52	24,754.62	8.60	-	39.36	18,356.22	10.00	
Dec	48.52	16.60	23,164.32	8.60	-	38.92	16,972.32	10.00	
2026									
Jan	43.65	14.79	19,880.30	8.60	-	34.05	13,481.90	10.00	
Feb	43.33	14.09	21,024.52	8.60	-	33.73	14,626.12	10.00	
Mar	46.61	18.49	20,328.83	8.60	-	37.01	14,549.63	10.00	
Apr	50.53	19.14	25,162.72	8.60	-	40.93	18,764.32	10.00	
May	53.65	25.13	28,406.72	8.60	-	44.05	22,214.72	10.00	
Jun	55.40	24.78	30,312.79	8.60	-	45.80	23,914.39	10.00	
Jul	52.68	24.46	27,246.76	8.60	-	43.08	21,054.76	10.00	
Aug	55.68	25.45	29,526.40	8.60	-	46.08	23,128.00	10.00	
Sep	55.89	23.51	28,657.20	8.60	-	46.29	22,258.80	10.00	
Oct	55.37	23.99	27,503.36	8.60	-	45.77	21,311.36	10.00	
Nov	53.66	22.49	27,131.45	8.60	-	44.06	20,733.05	10.00	
Dec	53.18	18.20	25,388.46	8.60	-	43.58	19,196.46	10.00	
2027									
Jan	45.35	15.37	20,654.60	8.60	-	35.75	14,256.20	10.00	
Feb	45.02	14.64	21,843.38	8.60	-	35.42	15,444.98	10.00	
Mar	48.43	19.21	21,120.59	8.60	-	38.83	15,341.39	10.00	
Apr	52.50	19.88	26,142.75	8.60	-	42.90	19,744.35	10.00	
May	55.74	26.11	29,513.11	8.60	-	46.14	23,321.11	10.00	
Jun	57.56	25.62	31,493.41	8.60	-	47.96	25,095.01	10.00	
Jul	54.73	25.02	28,307.96	8.60	-	45.13	22,115.96	10.00	
Aug	57.85	26.44	30,676.39	8.60	-	48.25	24,277.99	10.00	
Sep	58.07	24.43	29,773.34	8.60	-	48.47	23,374.94	10.00	
Oct	57.53	24.92	28,574.56	8.60	-	47.93	22,382.56	10.00	
Nov	55.75	23.36	28,188.17	8.60	-	46.15	21,789.77	10.00	
Dec	55.25	18.91	26,377.28	8.60	-	45.65	20,185.28	10.00	