# BATANGAS II 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 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

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- VIII. Monthly Data

## INTRODUCTION

DU's Franchise MAP

#### DISTRIBUTION UTILITIES PROFILE

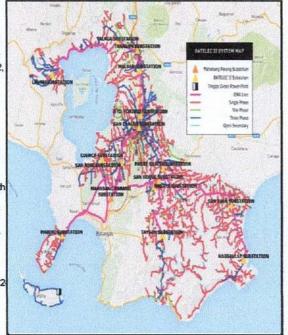
#### BATELEC II PROFILE AS OF DECEMBER 2017

The Batangas II Electric Cooperative, Inc. (BATELEC II) is one of the two (2) Electric Cooperatives that distribute electricity to Batangas province with its principal office at Antipolo del Norte, Lipa City. It was organized and was duly registered with the National Electrification Administration (NEA) on August 12, 1977.

Its franchise area encompasses two(2) cities and fifteen(15) municipalities in the province of Batangas, distributed in a geographical tract approximately 3,166 sq. kms. in size. The two cities are Lipa and Tanauan while the fifteen municipalities are Alitagtag, Cuenca, Mataas na Kahoy, Balete, San Jose, Mabini, Tingloy, Rosario, Padre Garcia, Taysan, San Juan, Lobo, Malvar, Talisay and Laurel.

A total of 302,997 active connections was recorded as of December 2017 with twenty two(22) units of power tranformers installed in fifteen(15) distribution substations with a total capacity of 210.6MVA. A total of 898,305,990 energy (including customers served by RES) was sold for 2017, posting a 5-year compounded annual load growth rate of 3.44%. Meanwhile, peak demand for 2017 was recorded at 171.876MW higher than 2016 at 160.590MW.

Line projects were continuously implemented franchise wide to improve the system reliability and maintain the systems loss within the cap of 13%. The 12 month average systems loss as of December 2017 is 10.58%.

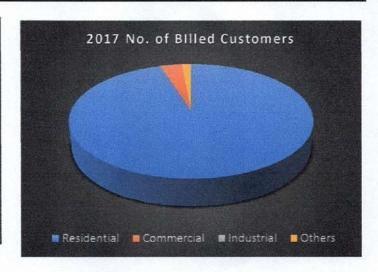


Commercial Industrial Others Contestable Customers	ACTUAL					FORE	CAST				
CONTRACTOR OF THE PROPERTY OF THE PARTY OF T	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Residential	244,751	252,757	262,195	271,634	281,073	290,512	299,951	309,390	318,828	328,267	337,706
Commercial	8,942	9,121	9,253	9,384	9,516	9,647	9,779	9,910	10,042	10,173	10,305
Industrial	33	34	35	36	37	38	39	40	41	43	45
Others	3,740	3,864	3,970	4,077	4,186	4,297	4,410	4,523	4,639	4,755	4,873
Contestable Customers served by RES	10	10	11	11	11	12	12	13	13	13	14
Total (Captive Customers)	257,466	265,776	275,453	285,131	294,812	304,494	314,179	323,863	333,550	343,238	352,929

The increase in demand is attributable to the continuously growing number of billed connections from captive market.

Urbanization and industrialiazation is remarkable not only in the two cities in the franchise area but also in top class municipalities.

Commercial buildings, schools, BPOs, and other industries continuously sprouts in the coverage area of BATELEC II.

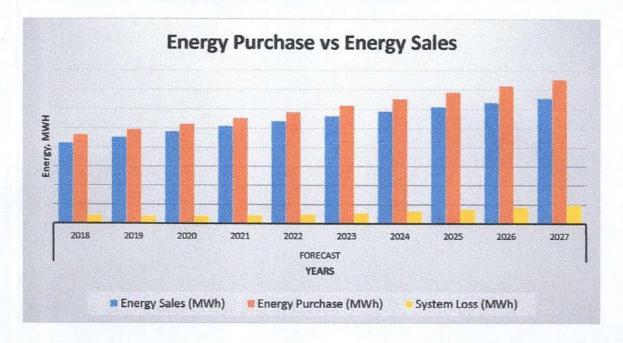


## **ENERGY SALES AND PURCHASE**

<b>ENERGY SALES</b>		HISTORICAL												
AND PURCHASE	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017				
Energy Sales (MWh)	476,812	544,504	628,445	662,625	693,679	663,242	681,479	732,554	811,790	769,988				
Energy Purchase (MWh)	562,235	555,391	611,760	704,984	739,494	753,282	761,959	815,688	901,841	866,666				
System Loss (MWh)	79,661	68,320	76,539	76,869	85,555	90,040	80,481	83,135	90,052	96,678				

<b>ENERGY SALES</b>	Social S	FORECAST												
AND PURCHASE	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027				
Energy Sales (MWh)	844,052							1,221,696		1,312,212				
Energy Purchase (MWh)	931,693	984,235	1,041,642	1,103,055	1,167,614	1,234,458	1,302,729	1,371,567	1,440,112	1,507,504				
System Loss (MWh)	87,640	79,193	78,221	83,724	94,668	110,019	128,756	149,872	172,376	195,292				

Note: Actual and forecasted energy sales and purchase for captive customers.



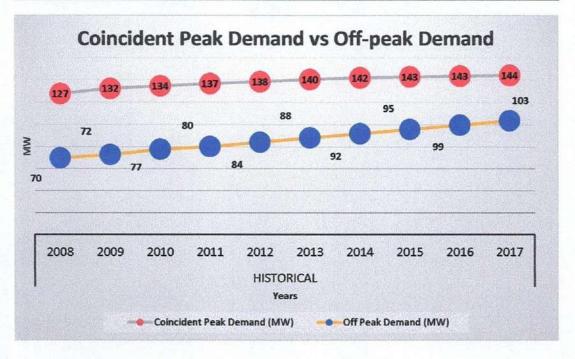
#### Brief highlight/report

Presently, BATELEC II was being supplied by GN Mariveles Coal Plant, Ltd. (GMCP), with long term contract of 20years which commenced its operation in the year 2014. Recently, BATELEC II engaged in another contract of additional 20MW to be utilized by year 2020. The additional contracted capacity was considered to augment the existing capacity which will spare the cooperative from sourcing power from the market. This will introduce a reasonable rate to the existing consumers and competitive rate that can be offered to contestable customers. Generally, it can be realized that there is a drop of losses in terms of mwh in the year 2014 and 2017. This was due to system improvement campaign of Batelec II by reducing the technical and non-technical losses. There were launching of meter clustering, massive replacement of defective meters, massive program to eliminate pilferage and many more.

### DEMAND

Downsord					HISTO	RICAL				
Demand	2008	2009	2010	2011	2012	2013	2014	2015	<b>2016</b> 137 57	2017
Coincident Peak Demand (MW)	99.03	106.4	116.9	120.5	130.2	119.3	129	129	137	125
Off Peak Demand (MW)	37	31	35	41	51	52	50	51	57	60

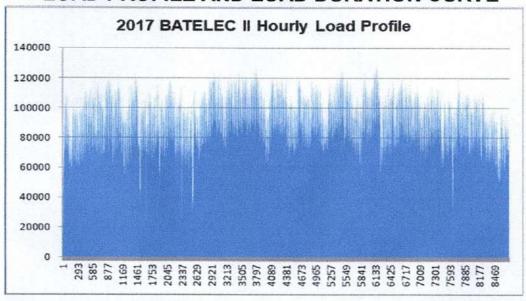
					HISTO	RICAL				
Demand (MW)	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027
Coincident Peak Demand (MW)	127	132	134	137	138	140	142	143	143	144
Off Peak Demand (MW)	70	72	77	80	84	88	92	95	99	103

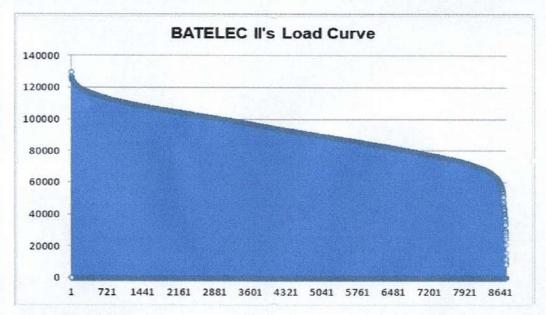


Brief highlight of historical demand and forecasting methodology and result

In 2012, a certain bigload customer went on shutdown - - the reason why there is a huge drop down of demand in 2013 as per CPD. Consequently, there are also customer-switch transpired in 2014 and 2016 as well as in 2017 due to mandatory migration of contestable customers. Even though there are possible switches for contestable market in the near future, there still potential load growth to be consider for captive market.

## LOAD PROFILE AND LOAD DURATION CURVE





#### Brief highlight:

Based from the graph above, it is shown that the peaking is at 120 mega-watt level and above. There is also instance/s of major drop in demand. This is primarily due to power interruption. By eliminating the outlier in the data (or those trading days that has power outage) - - it can be declared that the baseload is somewhere in the level of 50 mega-watt. Meanwhile, it can also be seen that the intermediate or mid-merit requirement of Batelec II is between 60mW to 90mW level.

## MIXSUPPLY VS DEMAND AND THE OPTIMAL SUPPLY

Supply Demand	ACTUAL													
Supply Demand	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027			
Peak Demand, MW	124.8705	127.4786	132.194	134.469	136.64	138.29993	140.356	141.8	142.66	143.441	144.033			
Supply Contracted, MW	115	115	115	115	115	115	115	115	115	115	115			
GMCP	115	115	115	115	115	115	115	115	115	115	115			
Generation Plant Name 2								17.1						
Generation Plant Name 3														
Supply for PSA Approval, MW	0	0	0	20	20	20	20	20	20	20	20			
GNPD				20	20	20	20	20	20	20	20			
Generation Plant Name 2														
Generation Plant Name 3														
Uncontracted Demand, MW	9.87049	12.4786	17.1938	0	1.6406	3.2999254	5.35604	6.7972	7.66042	8.44142	9.03275			



List of Existing Contracts and Details

Supply Contracted	Plant Owner/ Operator	Capacity Factor	PSA Effectivity (MM/YR)	PSA Expiration (MM/YR)	COLUMN TO THE RESIDENCE OF THE PARTY OF THE	Contracte d Energy, MWH	merit /	Embedded/ Grid Connected	NPC/ IPP/	Status	Fuel Type	Installed Capacity (MW)	Net Dependable Capacity (MW)
GenCo 1	GMCP	65% to 100%	Feb-14	Feb-29	115	563136.6	Base / Mid- merit / Peaking	Grid Connected	IPP	Commerci al Operation	coal-fired:	651.6	632
GenCo 2													
GenCo 3													
GenCo 4	la l												
GenCo 5													

BATELEC II (BII) strategically entered in to power supply contract with GMCP by nominating bilateral contract quantities (bcq) with much flexibility. This means Batelec II can nominate bcq with resulting capacity factor ranging from 65% to 100%. Logically, Batelec II buys power from WESM during off-peak periods (where most of the time spot prices are low) and buys power from bilateral supplier during peak periods. Contract with GMCP will expire come CY 2028. In consideration of BII's potential load growth, BII opted to increase its contracted capacity by conducting in-house CSP way back 2016. The contract was awarded to GNPD being the least cost evaluated offer for baseload requirement of Batelec II and will commence on 2020.

### **DISTRIBUTION IMPACT STUDY**

Brief discussion on the following:

BATELEC II power distribution is composed of distribution substations, sub transmission lines and distribution lines. With distribution line voltage ranging from 13.2kV and 13.8 kV, and sub-transmission line voltage of 69 kV, it covers 15 municipalities and 2 cities composing of 483 Barangays.

Given this, the system forecast for demand, energy losses and load factor, if done separately, would become complicated. This is due to very dynamic nature of the feeders within the system's load transfers and switching would render it hard to have a normalized loading for a specific substation or feeder. Thus, we only did forecast on our system energy sales and purchases to derive system loss. From this forecast, we derived all substation and feeder loading using weighted average method for the next 5 years.

The 2-year projects are formulated to address the issues on safety, capacity, reliability, statutory compliance and customer requests. BATELEC II system will be ready for the load growth if the said projects will be implemented. After 2 years, new projects are yet to be determined.

The loading of substations were also considered in the project formulation so that the load growth will not be an issue in the coming years. Substation loadings are always closely monitored.

For project formulation, compliance to regulatory standards is always considered especially on system loss and power quality issues. Ongoing analysis of all BATELEC II feeders using engineering software like Distribution System Application Software is used to come up with projects to meet the minimum standards set by PGC and PDC. Compliance to these standards is always a priority because it will always provide benefits to the electric cooperative.

## **SCHEDULE OF CSP**

Base / mid-	For	CSP	Proposed cor (MM/Y				Proposed	schedule (MM	M/YYYY)		
merit /	Demand (MW)	Energy (MWh)	Start Month and Year	End Month and Year	Publication of Invitation to Bid	Pre-bid Conference	Submission and Opening of Bids	Bid Evaluation	Awarding	PSA Signing	Joint Application to ERC
Base / mid- merit	5	44,650	12/26/2019	12/2/2024	11/4/2018 and 11/11/2018	11/19/2018	12/3/2018	12/10/2018	1/4/2019	1/30/2019	3/15/2019
				0.000							

#### Note:

The scheduled CSP timeline, scheduled demand and energy is in compliance with Mandatory RPS. May vary upon DOE confirmation and TPBAC availability.

## POWER SUPPLY PROCUREMENT PLAN

## 10 Year Monthly Data

		Forecast		Approval	and For PSA Demand and nergy		I Demand and ergy	A STATE OF THE PARTY OF THE PAR	tted for
Year	Coincident Peak Demand (MW)	Off Peak Demand (MW)	Energy Requirement (MWh)	Demand (MW)	Energy (MWh)	Uncontracted Demand (MW)	Uncontracted Energy (MWh)	Deman d (MW)	Energy (MWh)
2018									
Jan	111.81	69.52	65,933.84	115.00	59,902.25	-	6,031.59		
Feb	119.08	69.94	68,859.87	115.00	56,024.25	4.08	12,835.62		
Mar	121.83	74.49	66,020.09	115.00	32,211.05	6.83	33,809.04		
Apr	124.61	84.89	75,980.77	115.00	61,175.45	9.61	14,805.32		
May	133.07	93.91	80,535.04	115.00	58,879.90	18.07	21,655.14		
Jun	126.03	95.09	75,049.34	115.00	58,918.82	11.03	16,130.53		
Jul	120.65	80.96	69,571.82	115.00	54,618.58	5.65	14,953.23		
Aug	119.83	83.24	71,400.41	115.00	56,054.16	4.83	15,346.26		
Sep		94.29	72,253.94	115.00	56,724.23	12.48	15,529.71		
Oct		87.78	69,353.78	115.00	54,447.41	5.81	14,906.37	_	
Nov	122.18	84.21	65,913.08	115.00	51,746.23	7.18	14,166.85		
Dec	114.67	79.25	63,180.07	115.00	49,600.63	7.10	13,579.44		
2019	114.07	19.20	00,100.07	113.00	43,000.03		13,379.44	-	
Jan	128.12	72.54	66,390.33	115.00	E2 420 00	12.12	44.000.40	-	
	118.54	72.50			52,120.90	13.12	14,269.43	-	
Feb			73,485.19	115.00	57,690.85	3.54	15,794.34		
Mar	121.34	77.53	66,512.93	115.00	52,217.15	6.34	14,295.78		
Apr	130.40	87.41	75,478.59	115.00	59,255.81	15.40	16,222.79		
May		95.33	82,340.21	115.00	64,642.64	19.22	17,697.57		
Jun	132.19	98.51	83,178.34	115.00	65,300.63	17.19	17,877.71		
Jul	125.12	89.61	77,305.01	115.00	60,689.67	10.12	16,615.34		
Aug		87.91	79,265.74	115.00	62,228.97	11.27	17,036.77		
Sep		95.85	80,180.94	115.00	62,947.47	16.71	17,233.47		
Oct		88.46	77,071.22	115.00	60,506.13	9.77	16,565.10		
Nov	125.78	84.68	73,381.91	115.00	57,609.76	10.78	15,772.14		
Dec	117.80	81.65	70,451.41	115.00	55,309.13	2.80	15,142.28		
2020									
Jan	131.72	78.72	70,672.79	131.72	55,482.92	-	15,189.87		
Feb	121.00	77.46	78,225.30	121.00	61,412.16	-	16,813.14		
Mar	125.50	82.29	70,803.29	125.50	55,585.38		15,217.92		
Apr	134.26	91.80	80,347.28	134.26	63,078.06		17,269.23		
May	137.13	101.42	87,651.50	135.00	68,812.36	2.13	18,839.14		
Jun		104.40	88,543.69	134.47		-	19,030.90		
Jul		92.75	82,291.51	125.83		-	17,687.10	_	
Aug		94.75	84,378.72	128.56	66,243.01	-	18,135.71		
Sep		101.14	85,352.95	134.19	67,007.85		18,345.11		
Oct		92.26	82,042.64	127.16	64,409.03		17,633.61	-	_
Nov		88.21	78,115.35	127.10	61,325.84		16,789.51	-	_
Dec		87.90				-		-	
	119.01	67.90	74,995.83	119.01	58,876.80	-	16,119.03		
2021	124.00	04.04	74 774 40	404.00	E0 700 74		40.074.07	-	
Jan		81.34	74,774.12	134.90	58,702.74	-	16,071.37		
Feb		79.85	82,764.92	123.40	64,976.06	-	17,788.85		
Mar		87.41	74,912.20	129.46	58,811.15	0.40	16,101.05		
Apr		94.42	85,010.05	135.00	66,738.64	0.13	18,271.41	-	
May		107.79	92,738.14	135.00	72,805.72	5.64	19,932.42		
Jun		109.92	93,682.12	135.00	73,546.80	1.64	20,135.31		
Jul		97.72	87,067.11	129.25	68,353.57		18,713.53		
Aug		100.35	89,275.44	131.71	70,087.26	-	19,188.18		
Sep		106.04	90,306.21	135.00	70,896.49	3.29	19,409.72		
Oct		99.04	86,803.79	129.90	68,146.85	-	18,656.94		
Nov		91.96	82,648.59	130.40	64,884.74	-	17,763.85		
Dec	120.72	88.79	79,348.03	120.72	62,293.58		17,054.46		

#### POWER SUPPLY PROCUREMENT PLAN

Demand (MW)		Uncontracted Ene	Commit	
Jan	ncontracted ergy (MWh)	THE RESERVE TO SERVE THE PARTY OF THE PARTY	Deman d (MW)	Energy (MWh)
Feb   126,90   83,91   87,118.18   126,90   68,393.67   -     Mar   131.65   90.33   78,852.42   131.65   61,904.49   -     Apr   138.88   100.77   89,481.40   135.00   70,248.96   3.88     May   144.98   112.03   97,815.98   135.00   76,635.15   9.98     Jun   138.30   114.70   98,609.60   135.00   77,415.21   3.30     Jun   130.66   101.21   91,646.66   130.66   71,948.83   -     Aug   131.94   102.67   93,971.14   131.94   73,773.71   -     Sep   140.08   111.62   95,056.13   135.00   74,625.50   5.08     Oct   131.88   103.11   91,389.49   131.88   71,731.24   -     Nov   132.48   97.88   86,995.74   132.48   68,297.54   -     Dec   122.40   93.92   83,521.58   122.40   65,570.09   -     2023				
Feb   126.90   83.91   87,118.18   126.90   68,393.67	16,916.69	0.70		
Mar	18,724.51			
Apr         138.88         100.77         89.481.40         135.00         70,248.96         3.88           May         144.98         112.03         97,615.98         135.00         76,635.15         9.98           Jun         138.30         114.70         98,609.60         135.00         77,415.21         3.30           Jul         130.66         101.21         91,646.68         130.06         71,948.83         -           Aug         131.94         102.67         93,971.14         131.94         73,773.71         -           Sep         140.08         111.62         95,056.13         135.00         74,625.50         5.08           Oct         132.48         193.11         91,369.49         131.88         71,731.24         -           Nov         132.48         97.88         86,995.74         132.48         68,297.54         -           Dec         122.40         93.92         83,521.58         122.40         65,570.09         -           2023         3         3         82,484.45         135.00         64,755.87         8.13           Feb         127.00         87.80         91,299.22         127.00         71,676.07         - <t< td=""><td>16,947.93</td><td>-</td><td></td><td></td></t<>	16,947.93	-		
May   144.98   112.03   97.815.98   135.00   76.835.15   9.98   Jun   138.30   114.70   98.609.60   135.00   77,415.21   3.30   Jul   130.66   101.21   91,646.68   130.66   71,948.83   -	19,232.44	3.88		
Jun   138,30   114,70   98,609,60   135,00   77,415,21   3,30   Jul   130,66   101,21   91,646,66   130,66   77,948,83   -	20,980.83	9.98		
Aug   131.94   102.67   91,646.68   130.66   71,948.83   -	21,194.39	3.30		
Aug         131.94         102.67         93.971.14         131.94         73,773.71         -           Sep         140.08         111.62         95,056.13         135.00         74,625.50         5.08           Oct         131.88         103.11         91,369.49         131.88         71,731.24         -           Nov         132.48         97.88         86,995.74         132.48         68,297.54         -           Dec         122.40         93.92         83,521.58         122.40         65,570.09         -           2023         Jan         143.13         88.79         82,484.45         135.00         64,755.87         8.13           Feb         127.00         87.80         91,299.22         127.00         71,676.07         -           Apr         140.82         105.10         93,775.85         135.00         73,620.39         5.82           May         145.97         116.98         102,300.83         135.00         73,620.39         5.82           May         140.36         120.11         103,342.14         135.00         81,130.58         5.36           Jul         132.10         106.97         96,045.03         132.10         75,401.85	19,697.83	- 1		
Sep         140.08         111.62         95,056.13         135.00         74,625.50         5.08           Oct         131.88         103.11         91,369.49         131.88         71,731.24         -           Nov         132.48         97.88         86,995.74         132.48         68,297.54         -           Dec         122.40         93.92         83,521.58         122.40         65,570.09         -           2023         Jan         143.13         88.79         82,484.45         135.00         64,755.87         8.13           Feb         127.00         87.80         91,299.22         127.00         71,676.07         -           Mar         132.42         94.74         82,636.76         132.42         64,875.45         -           Apr         140.82         105.10         93,775.85         135.00         73,620.39         5.82           May         145.97         116.98         102,300.83         135.00         80,313.08         10.97           Jun         140.36         120.11         103,342.14         135.00         81,130.58         5.36           Jul         132.10         106.97         96,045.03         132.10         75,401.85	20,197.43	-		
Oct 131.88 103.11 91,369.49 131.88 71,731.24 Nov 132.48 97.88 86,995.74 132.48 68,297.54 Dec 122.40 93.92 83,521.58 122.40 65,570.09  2023  Jan 143.13 88.79 82,484.45 135.00 64,755.87 8.13  Feb 127.00 87.80 91,299.22 127.00 71,676.07 Mar 132.42 94.74 82,636.76 132.42 64,875.45 Apr 140.82 105.10 93,775.85 135.00 73,620.39 5.82  May 145.97 116.98 102,300.83 135.00 80,313.08 10.97  Jun 140.36 120.11 103,342.14 135.00 81,130.58 5.36  Jul 132.10 106.97 96,045.03 132.10 75,401.85 Aug 134.10 108.14 98,481.07 134.10 77,314.31 Sep 142.26 116.32 99,618.13 135.00 78,206.98 Cet 133.70 107.24 95,754.56 133.70 75,173.81 Nov 134.06 101.53 91,170.90 134.06 71,575.32 Dec 123.31 97.97 87,530.00 123.31 68,716.98  2024  Jan 146.43 92.88 86,118.10 135.00 67,608.54 11.43  Feb 128.64 91.60 95,321.19 128.64 74,833.59 Apr 142.98 109.44 97,906.93 135.00 76,863.57 7.98  May 148.52 122.46 106,807.46 135.00 84,704.60 6.80  Jul 133.24 111.20 100,276.07 133.24 78,723.50 Aug 135.52 113.29 102,819.42 135.00 80,720.21 0.52  Sep 144.47 121.45 104,006.57 135.00 80,720.21 0.52  Sep 144.47 121.45 104,006.57 135.00 80,720.21 0.52  Sep 144.47 121.45 104,006.57 135.00 73,885.03 14.26  Feb 129.66 89,618.81 135.00 70,356.83 14.26  Feb 129.74 95.38 99,196.01 129.74 77,774.41  Cott 135.48 111.99 91,385.93 124.14 71,744.14  2025  Jan 149.28 96.66 89,618.81 135.00 70,356.83 14.26  Feb 129.74 95.38 99,196.01 129.74 77,675.58  Mar 136.45 103.59 89,784.31 135.00 70,356.83 14.26  Feb 129.74 95.38 99,196.01 129.74 77,675.58  Mar 136.45 103.59 89,784.31 135.00 70,956.83 9.29  May 146.26 131.22 112,280.57 135.00 84,704.60 6.80  Jul 133.66 128.16 111,149.19 135.00 70,956.83 9.29  May 140.66 128.16 111,149.19 135.00 87,259.64 15.66  Jun 142.66 131.22 112,280.57 135.00 84,001.49 1.37	20,430.63	5.08		
Nov 132.48 97.88 86,995.74 132.48 68,297.54 — Dec 122.40 93.92 83,521.58 122.40 65,570.09 — 2023 — 2023 — 2024 — 2024 — 2025 — 2028 — 2029 — 2	19,638.26			
Dec 122.40 93.92 83,521.58 122.40 65,570.09 - 2023  Jan 143.13 88.79 82,484.45 135.00 64,755.87 8.13  Feb 127.00 87.80 91,299.22 127.00 71,676.07 - 41.00 132.42 94.74 82,636.76 132.42 64,875.45 - 41.00 15.10 93,775.85 135.00 73,620.39 5.82  May 145.97 116.98 102,300.83 135.00 80,313.08 10.97  Jun 140.36 120.11 103,342.14 135.00 81,130.58 5.36  Jul 132.10 106.97 96,045.03 132.10 75,401.85 - 40.00 132.10 106.97 96,045.03 132.10 75,401.85 - 40.00 132.10 106.97 96,045.03 132.10 75,401.85 - 40.00 132.10 106.97 96,045.03 132.10 75,401.85 - 40.00 133.70 107.24 95,754.56 133.70 75,173.81 - 40.00 133.70 107.24 95,754.56 133.70 75,173.81 - 40.00 133.70 107.24 95,754.56 133.70 75,173.81 - 40.00 134.06 101.53 91,170.90 134.06 71,575.32 - 40.00 134.06 101.53 91,170.90 134.06 71,575.32 - 40.00 134.06 101.53 91,170.90 134.06 71,575.32 - 40.00 134.06 101.53 91,170.90 134.06 77,575.32 - 40.00 134.06 101.53 91,170.90 134.06 77,575.32 - 40.00 134.06 101.53 91,170.90 134.06 77,575.32 - 40.00 134.06 101.53 91,170.90 134.06 77,575.32 - 40.00 134.06 101.53 91,170.90 134.06 76,608.54 11.43 135.00 134.86 99.06 86,277.13 134.86 67,733.39 - 40.00 134.06 101.53 91,170.90 134.86 67,733.39 - 40.00 134.00 134.00 135.0	18,698.19			
Dec   123.31   97.97   87.530.00   123.31   68.716.98	17,951.49			
Jan				
Feb 127.00 87.80 91,299.22 127.00 71,676.07 - Mar 132.42 94.74 82,636.76 132.42 64,875.45 - Apr 140.82 105.10 93,775.85 135.00 73,620.39 5.82 May 145.97 116.98 102,300.83 135.00 80,313.08 10.97 Jun 140.36 120.11 103,342.14 135.00 81,130.58 5.36 Jul 132.10 106.97 96,045.03 132.10 75,401.85 - Aug 134.10 108.14 98,481.07 134.10 77,314.31 - Sep 142.26 116.32 99,618.13 135.00 78,206.98 7.26 Oct 133.70 107.24 95,754.56 133.70 75,173.81 - Nov 134.06 101.53 91,170.90 134.06 71,575.32 - Dec 123.31 97.97 87,530.00 123.31 68,716.98 -  2024  Jan 146.43 92.88 86,118.10 135.00 67,608.54 11.43 Feb 128.64 91.60 95,321.19 128.64 74,833.59 - Mar 134.86 99.06 86,277.13 134.86 67,733.39 - Apr 142.98 109.44 97,906.93 135.00 76,683.57 7.98 May 148.52 122.46 106,807.46 135.00 83,851.08 13.52 Jun 141.80 125.53 107,894.64 135.00 84,704.60 6.80 Jul 133.24 111.20 100,276.07 133.24 78,723.50 - Aug 135.52 113.29 102,819.42 135.00 80,720.21 0.52 Sep 144.47 121.45 104,006.57 135.00 80,720.21 0.52 Sep 144.47 121.45 104,006.57 135.00 74,728.41 0.65 Dec 124.14 101.99 91,385.93 124.14 71,744.14 - 2025 Jan 149.26 96.66 89,618.81 135.00 70,356.83 14.26 Feb 129.74 95.38 99,180.01 129.74 77,875.58 - Mar 136.45 103.59 89,784.31 135.00 70,988.08 9.29 May 140.26 131.22 111,249 135.00 70,986.08 9.29 May 140.26 131.62 111,149.19 135.00 70,986.08 9.29 May 140.26 131.22 111,20 10,986.85 135.00 79,988.08 9.29 May 140.26 131.62 111,149.19 135.00 70,986.76 1.45 Apr 144.29 114.17 101,886.85 135.00 79,988.08 9.29 May 150.66 128.16 111,149.19 135.00 79,988.08 9.29 May 150.66 128.16 111,149.19 135.00 87,259.64 15.66 Jul 134.26 116.17 104,352.30 134.26 81,923.62 - Aug 136.37 118.27 106,999.04 135.00 84,001.49 1.37	17,728.57	8.13		
Mar         132.42         94.74         82,636.76         132.42         64,875.45         -           Apr         140.82         105.10         93,775.85         135.00         73,620.39         5.82           May         145.97         116.98         102,300.83         135.00         80,313.08         10.97           Jul         140.36         120.11         103,342.14         135.00         81,130.58         5.36           Jul         132.10         106.97         96,045.03         132.10         75,401.85         -           Aug         134.10         108.14         98,481.07         134.10         77,314.31         -           Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.66         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.07         75,173.81         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54	19,623.15			-
Apr         140.82         105.10         93,775.85         135.00         73,620.39         5.82           May         145.97         116.98         102,300.83         135.00         80,313.08         10.97           Jun         140.36         120.11         103,342.14         135.00         81,130.58         5.36           Jul         132.10         106.97         96,045.03         132.10         75,401.85         -           Aug         134.10         108.14         98,481.07         134.10         77,314.31         -           Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11,43           Feb         128.64         91.60         95,321.19         128.64         74,833.59	17,761.31			
May         145.97         116.98         102,300.83         135.00         80,313.08         10.97           Jun         140.36         120.11         103,342.14         135.00         81,130.58         5.36           Jul         132.10         106.97         96,045.03         132.10         75,401.85         -           Aug         134.10         108.14         98,481.07         134.10         77,314.31         -           Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Apr         142.98         109.44         97,906.93         135.00         76,685.57	20,155.46			
Jun         140.36         120.11         103,342.14         135.00         81,130.58         5,36           Jul         132.10         106.97         96,045.03         132.10         75,401.85         -           Aug         134.10         108.14         98,481.07         134.10         77,314.31         -           Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         <	21,987.75			
Jul         132.10         106.97         96,045.03         132.10         75,401.85         -           Aug         134.10         108.14         98,481.07         134.10         77,314.31         -           Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Apr         142.98         190.44         97,906.93         135.00         66,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60	22,211.57			
Aug         134.10         108.14         98,481.07         134.10         77,314.31         -           Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60	20,643.18			
Sep         142.26         116.32         99,618.13         135.00         78,206.98         7.26           Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         80,720.21	21,166.76	-		_
Oct         133.70         107.24         95,754.56         133.70         75,173.81         -           Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         - </td <td>21,411.15</td> <td>7.26</td> <td></td> <td></td>	21,411.15	7.26		
Nov         134.06         101.53         91,170.90         134.06         71,575.32         -           Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         -         -         -         -         -           Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep <td< td=""><td>20,580.75</td><td></td><td></td><td></td></td<>	20,580.75			
Dec         123.31         97.97         87,530.00         123.31         68,716.98         -           2024         Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42<	19,595.57			
Dec   124.14   101.99   138.59   135.00   67,608.54   11.43   136.45   105.66   124.14   101.99   136.00   136.00   70,356.83   14.26   136.00   136.00   70,356.83   14.26   142.96   144.29   144.20   101.352.30   135.00   37,259.64   15.66   136.37   136.07   135.00   37,259.64   15.66   136.37   136.00   37,259.64   15.66   136.37   136.00   37,259.64   15.66   136.37   136.00   37,259.64   15.66   136.37   136.00   37,259.64   15.66   136.37   136.00   37,259.64   15.66   136.37   136.20   37,259.64   15.66   136.37   136.20   37,259.64   15.66   136.37   136.20   37,259.64   15.66   136.37   136.20   37,259.64   15.66   136.37   136.20   37,259.64   15.66   136.37   136.20   37,259.64   15.66   136.37   136.27   106,999.04   135.00   34,001.49   1.37   137	18,813.03		-	
Jan         146.43         92.88         86,118.10         135.00         67,608.54         11.43           Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0	10,013.03			
Feb         128.64         91.60         95,321.19         128.64         74,833.59         -           Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -	18,509.56	11.42		
Mar         134.86         99.06         86,277.13         134.86         67,733.39         -           Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         Jan         149.26         96.66         89,618.81         135.00         70,356	20,487.60	11.43		
Apr         142.98         109.44         97,906.93         135.00         76,863.57         7.98           May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50            Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         Jan         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         7				
May         148.52         122.46         106,807.46         135.00         83,851.08         13.52           Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         Jan         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,48	18,543.74	7.00		
Jun         141.80         125.53         107,894.64         135.00         84,704.60         6.80           Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         3an         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988	21,043.36			
Jul         133.24         111.20         100,276.07         133.24         78,723.50         -           Aug         135.52         113.29         102,819.42         135.00         80,720.21         0.52           Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         Jan         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259	22,956.37			
Aug       135.52       113.29       102,819.42       135.00       80,720.21       0.52         Sep       144.47       121.45       104,006.57       135.00       81,652.20       9.47         Oct       135.48       111.94       99,972.80       135.00       78,485.42       0.48         Nov       135.65       105.68       95,187.21       135.00       74,728.41       0.65         Dec       124.14       101.99       91,385.93       124.14       71,744.14       -         2025       3       3       3       3       3       3       3       3       3       3       4       4       6       6       6       6       6       6       8       6       8       6       8       8       8       8       8       8       14.26       8       14.26       8       14.26       8       14.26       8       14.26       8       14.26 <t< td=""><td>23,190.04</td><td>0.80</td><td></td><td></td></t<>	23,190.04	0.80		
Sep         144.47         121.45         104,006.57         135.00         81,652.20         9.47           Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         34         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259.64         15.66           Jul         134.26         131.22         112,280.57         135.00         88,147.85         7.66           Jul         134.26         116.17         104,352.30         134.26         81,	21,552.57	- 0.50		
Oct         135.48         111.94         99,972.80         135.00         78,485.42         0.48           Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025	22,099.22			
Nov         135.65         105.68         95,187.21         135.00         74,728.41         0.65           Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         Jan         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259.64         15.66           Jun         142.66         131.22         112,280.57         135.00         88,147.85         7.66           Jul         134.26         116.17         104,352.30         134.26         81,923.62         -           Aug         136.37         118.27         106,999.04         135.00         84,001.49         1.37	22,354.37			
Dec         124.14         101.99         91,385.93         124.14         71,744.14         -           2025         Jan         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259.64         15.66           Jun         142.66         131.22         112,280.57         135.00         88,147.85         7.66           Jul         134.26         116.17         104,352.30         134.26         81,923.62         -           Aug         136.37         118.27         106,999.04         135.00         84,001.49         1.37	21,487.39			
2025       Jan     149.26     96.66     89,618.81     135.00     70,356.83     14.26       Feb     129.74     95.38     99,196.01     129.74     77,875.58     -       Mar     136.45     103.59     89,784.31     135.00     70,486.76     1.45       Apr     144.29     114.17     101,886.85     135.00     79,988.08     9.29       May     150.66     128.16     111,149.19     135.00     87,259.64     15.66       Jun     142.66     131.22     112,280.57     135.00     88,147.85     7.66       Jul     134.26     116.17     104,352.30     134.26     81,923.62     -       Aug     136.37     118.27     106,999.04     135.00     84,001.49     1.37	20,458.81			
Jan         149.26         96.66         89,618.81         135.00         70,356.83         14.26           Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259.64         15.66           Jun         142.66         131.22         112,280.57         135.00         88,147.85         7.66           Jul         134.26         116.17         104,352.30         134.26         81,923.62         -           Aug         136.37         118.27         106,999.04         135.00         84,001.49         1.37	19,641.79	-		
Feb         129.74         95.38         99,196.01         129.74         77,875.58         -           Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259.64         15.66           Jun         142.66         131.22         112,280.57         135.00         88,147.85         7.66           Jul         134.26         116.17         104,352.30         134.26         81,923.62         -           Aug         136.37         118.27         106,999.04         135.00         84,001.49         1.37	40.00 : 55	11.55		
Mar         136.45         103.59         89,784.31         135.00         70,486.76         1.45           Apr         144.29         114.17         101,886.85         135.00         79,988.08         9.29           May         150.66         128.16         111,149.19         135.00         87,259.64         15.66           Jun         142.66         131.22         112,280.57         135.00         88,147.85         7.66           Jul         134.26         116.17         104,352.30         134.26         81,923.62         -           Aug         136.37         118.27         106,999.04         135.00         84,001.49         1.37	19,261.98			
Apr     144.29     114.17     101,886.85     135.00     79,988.08     9.29       May     150.66     128.16     111,149.19     135.00     87,259.64     15.66       Jun     142.66     131.22     112,280.57     135.00     88,147.85     7.66       Jul     134.26     116.17     104,352.30     134.26     81,923.62     -       Aug     136.37     118.27     106,999.04     135.00     84,001.49     1.37	21,320.43			
May     150.66     128.16     111,149.19     135.00     87,259.64     15.66       Jun     142.66     131.22     112,280.57     135.00     88,147.85     7.66       Jul     134.26     116.17     104,352.30     134.26     81,923.62     -       Aug     136.37     118.27     106,999.04     135.00     84,001.49     1.37	19,297.55			
Jun     142.66     131.22     112,280.57     135.00     88,147.85     7.66       Jul     134.26     116.17     104,352.30     134.26     81,923.62     -       Aug     136.37     118.27     106,999.04     135.00     84,001.49     1.37	21,898.78			
Jul     134.26     116.17     104,352.30     134.26     81,923.62     -       Aug     136.37     118.27     106,999.04     135.00     84,001.49     1.37	23,889.55			
Aug 136.37 118.27 106,999.04 135.00 84,001.49 1.37	24,132.72	7.66		
	22,428.68	-		
Sept 140.27   120.92   108,234.45   135.00   84,9/1.37   11.27	22,997.55			
	23,263.08			
	22,360.85			
	21,290.46 20,440.23			

#### POWER SUPPLY PROCUREMENT PLAN

		Forecas		Approval	l and For PSA Demand and nergy		d Demand and ergy	Committed for CSP	
Year	Coincident Peak Demand (MW)	Off Peak Demand (MW)	Energy Requirement (MWh)	Demand (MW)	Energy (MWh)	Uncontracted Demand (MW)	Uncontracted Energy (MWh)	Deman d (MW)	Energy (MWh)
2026									
Jan	152.20	100.56	92,996.18	135.00	73,008.30	17.20	19,987.88		
Feb	130.77	99.37	102,934.30	130.77	80,810.40		22,123.91		
Mar	137.59	107.70	93,167.91	135.00	73,143.12	2.59	20,024.79		
Apr	146.11	119.32	105,726.56	135.00	83,002.50	11.11	22,724.05		
May	152.71	133.35	115,337.95	135.00	90,548.10	17.71	24,789.85		
Jun	143.44	136.69	116,511.97	135.00	91,469.78	8.44	25,042.19		
Jul	134.80	120.89	108,284.91	134.80	85,010.99	-	23,273.93	1-2-	
Aug	136.78	122.80	111,031.40	135.00	87,167.17	1.78	23,864.24		
Sep		132.31	112,313.37	135.00	88,173.60	12.63	24,139.77		
Oct	-	121.95	107,957.43	135.00	84,753.89	2.89	23,203.54		
Nov	137.92	115.19	102,789.63	135.00	80,696.81	2.92	22,092.81		
Dec	124.92	110.08	98,684.74	124.92	77,474.20	-	21,210.54		
2027				77.5					
Jan	156.42	104.77	96,258.76	135.00	75,569.64	21.42	20,689.12		
Feb	130.89	103.41	106,545.53	130.89	83,645.46	-	22,900.08		
Mar	138.32	112.27	96,436.51	135.00	75,709.19	3.32	20,727.32		
Apr	147.14	124.15	109,435.75	135.00	85,914.47	12.14	23,521.28		STALL.
May	153.81	138.94	119,384.34	135.00	93,724.79	18.81	25,659.55		
Jun	144.03	142.46	120,599.54	135.00	94,678.80	9.03	25,920.74		
Jul	135.15	126.08	112,083.86	135.00	87,993.42	0.15	24,090.44		
Aug	137.36	128.11	114,926.70	135.00	90,225.24	2.36	24,701.46		
Sep		137.71	116,253.64	135.00	91,266.98	13.94	24,986.66		
Oct		126.87	111,744.89	135.00	87,727.30	3.81	24,017.59		
Nov	138.67	119.68	106,395.78	135.00	83,527.89	3.67	22,867.89		
Dec		114.30	102,146.88	124.90	80,192.22	-	21,954.67		