ILOCOS SUR ELECTRIC COOPERATIVE, INC. POWER SUPPLY PROCUREMENT PLAN

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

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

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

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

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

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

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

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

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INTRODUCTION

DISTRIBUTION UTILITIES PROFILE

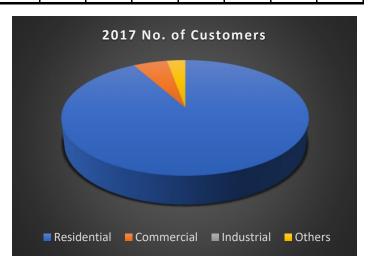
DU's Franchise MAP

ISECO is a dream put into realization of the concerned citizens of San Esteban. They aspired to have their own Rural Electric Cooperative (REC) in December 1971 but since it is a very small town for an REC, it was then established to cater the 2nd District of Ilocos Sur consisting of 23 municipalities. The Utility was registered on January 24, 1974 under the National Electrification Administration (NEA) and had its formal operation on April 16 of the same year at Candon having Engr. Evelito Elento as the Acting General Manager. With commendable performances, numerous awards were received for the past decade. From 2000 to 2009, ISECO received twenty eight (28) awards from NEA aside from the recognitions from Local Government Units (LGU's). Some of these are four (4) times EC of the Year; Best BAPA in Luzon; Best in Collection Performance; Emmanuel N. Pelaez Awardee for the Most Outstanding EC (extra large) and recently, Special Citation of EC's Attaining 100% Barangay Energization. All of these were attributed to good performance and camaraderie of BOD's down to rank and files. But the most important award was the satisfaction and delight of our member-consumers. From 2012 up to the present, ISECO maintained its NEA Triple A electric cooperative categorization under the leadership of Engr. Egdon A. Sabio as General Manager.



Number of	ACTUAL					FORE	CAST				
Customer	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Residential	160498	163104.4	165492.8	167709.2	169782.1	171733.2	173579.6	175335	177010.5	178615.2	180156.6
Commercial	9169	9538.861	9958.32	10373.69	10783.67	11187.55	11584.92	11975.63	12359.65	12737.04	13107.92
Industrial	60	63.25994	65.32	67.25894	69.09114	70.82868	72.48176	74.05898	75.56772	77.0143	78.40418
Others	4947	5313.777	5656.063	5990.136	6315.921	6633.563	6943.326	7245.527	7540.506	7828.604	8110.157
Contestable (1	1	1	1	1	1	1	1	1	1	1
Total (Captive	174675	178021.3	181173.5	184141.3	186951.8	189626.1	192181.3	194631.2	196987.2	199258.8	201454.1

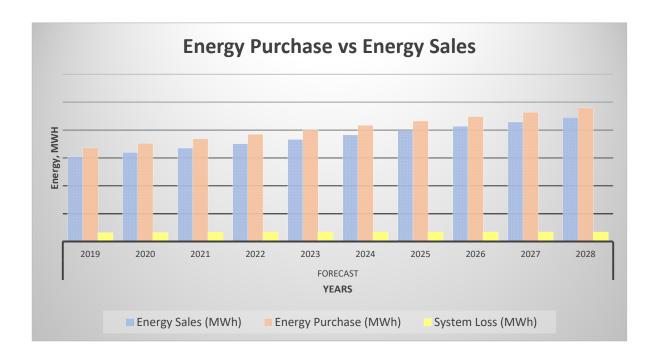
Based from the planning manual, a substation shall not be loaded beyond 70% of its maximum rated capacity (ONAF) to ensure efficient operation and reliability of power supply. The remaining 30% would become a reserve in case of unforeseen or significant loads will commence due to increasing demand of power in the province of llocos Sur brought about by the development of commercial and industrial establishments.



ENERGY SALES AND PURCHASE

ENERGY SALES AND					HISTO	RICAL				
PURCHASE	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Energy Sales (MWh)	165113.5	177629.7	182404.8	194884.8	212946.9	212843.7	230753.9	256668	276798.6	286985
Energy Purchase (MWh)	188100	197302.9	206994	219972	229298.5	2E+05	257695.4	286784.1	307118.8	318787.4
System Loss (MWh)	22986.5	19673.26	24589.2	25087.21	16351.55	24928.46	26941.45	30116.18	30320.22	31802.37

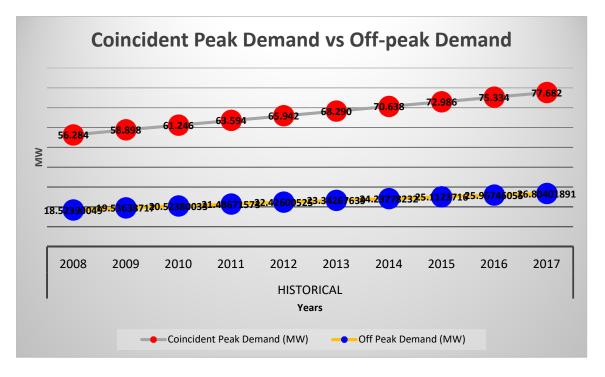
ENERGY SALES AND					FORE	CAST				
PURCHASE	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Energy Sales (MWh)	303835.9	319452.3	335068.8	350685.3	366301.7	381918.2	397534.7	413151.1	428767.6	444384.1
Energy Purchase (MWh)	336069.4	352319	368474.8	384537.6	400508.1	416387.1	432175.4	447873.8	463483.1	479004.1
System Loss (MWh)	32233.5	32866.7	33406.03	33852.3	34206.32	34468.87	34640.74	34722.71	34715.54	34619.98



DEMAND

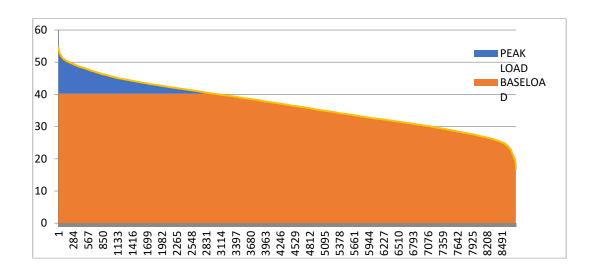
Demand					HISTO	ORICAL				
Demand	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Coincident Peak										
Demand (MW)	38.126	40.490	41.392	42.396	46.700	44.194	46.082	50.296	51.479	54.986
Off Peak Demand										
(MW)		11.65	12.17	13.72	11.62	11.977	13.23	15.61	16.67	16.82

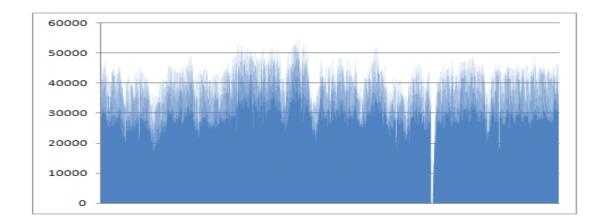
Demand		HISTORICAL											
Demand	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028			
Coincident Peak													
Demand (MW)	56.284	58.898	61.246	63.594	65.942	68.290	70.638	72.986	75.334	77.682			
Off Peak Demand													
(MW)	18.52	19.54	20.52	21.49	22.426	23.3427	24.24	25.11	25.97	26.8			



The average growth rate in the demand for 5 year historical data is 4.47%. Based on forecast, using linear trend (Y=a + bt), an average growth rate of 3.92% for 5 years. Much lower growth rate compared to 5 year historical data growth rate which is due to conversion to contestable customer.

LOAD PROFILE AND LOAD DURATION CURVE

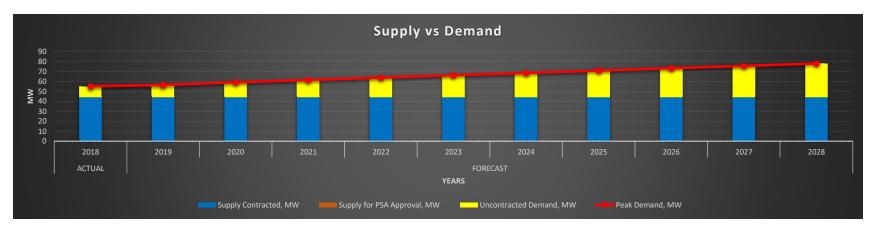




Based on the figure, loads are categorized as base and peak load only, where baseload came from Contracted capacity to Coal plant while peak load are purchased in the WESM. As per computationand evaluation, base load and peak load are 40.796 and 14.466 MW respectively.

MIXSUPPLY VS DEMAND AND THE OPTIMAL SUPPLY

Superly Damand	ACTUAL					FOREC	CAST				
Supply Demand	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028
Peak Demand, MW	54.986	56.284	58.898	61.246	63.594	65.942	68.290	70.638	72.986	75.334	77.682
Supply Contracted, MW	44	44	44	44	44	44	44	44	44	44	44
GMPC	32	32	32	32	32	32	32	32	32	32	32
SCPC	5	5	5	5	5	5	5	5	5	5	5
MPPCL	7	7	7	7	7	7	7	7	7	7	7
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	10.986049	12.28419875	14.8977477	17.24573002	19.59371234	21.94169466	24.28967698	26.6376593	28.98564162	31.33362394	33.68160627



List of Existing Contracts and Details

Supply Contracte d	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)
GMPC	GMCP		02/26/2014	2/25/2029	32	168753		Grid Connected	IPP		Coal	690	632
SCPC	SCPC		07/26/2018	07/25/2028	5	38010		Grid Connected	IPP		Coal	300	270
MPPCL	MPPCL	•	12/26/2018	12/25/2038	7	55272		Grid Connected	IPP		Coal	660	659

							23040	720			•	•	
				pliers namely Gnpo I 7 MW respectivel					•	on and			
coal fire	d power pla	int as base	plant is much ch	pon comparing the neaper to supply b ing 26.46 % of the	aseload of ISEC	O for 73.54% of	the demand, 95	.9% for the					

DISTRIBUTION IMPACT STUDY

With the forecasted loads, the DU is prepared in all aspects considering that its substation and distribution line assets are capacity sufficient for the present time. For the increase in demand in the coming years, ISECO had prepared CAPEX projects that will address safety, capacity, power quality, reliablity and efficiency in all aspects of the distribution network.

For Safety, installation of protective device such as fuses and breakers with adequate interrupting capacity that will sense or detect both maximum and minimum fault and to minimize damage of the distribution system equipment. Installation of insulated wires to avoid injury in case of accidental contact with the energized wire. Replacement of overloaded wires and distribution transformers.

For Capacity, Installation of new substation in Cabugao to cater the demand from Magsingal to Sinait and uprating of substation in Narvacan Substation from 10MVA to 20 MVA.

For Power Quality, Conversion of lines from 1-phase to vee-phase and vee-phase to 3 phase to easily balance the load of the distribution sytem and to solve voltage drop in the far end especially long lateral lines. And, uprating the size of wire for distribution system. In case of long lateral lines, installation of capacitor to correct the power factor and voltage drop.

For Reliability, Installation of protective device with adequate interrupting capability and installation of insulated wire to minimized sytem interruption. Replacement of overloaded transformers and wires.

SCHEDULE OF CSP

Base / mid-	Foi	r CSP	Proposed contract	period (MM/YYYY)			Propos	ed schedule (MM/Y	YYY)		
merit / peaking	Demand (MW)	Energy (MWh)	Start Month and Year	Fnd Month and Voar	Publication of Invitation to Bid	Pre-bid Conference	Submission and Opening of Bids	Bid Evaluation	Awarding	PSA Signing	Joint Application to ERC
Base	4.00	26,496	03/2020	12/2020		Jan 10, 2020 & Jan. 16, 2020	Jan. 31, 2020	Jan. 31, 2020	Feb. 6, 2020	Feb. 13, 2020	Mar. 3, 2020
Base	5.00	43,800	12/2020	12/2021	•	Jan 10, 2020 & Jan. 16, 2020	Jan. 31, 2020	Jan. 31, 2020	Feb. 6, 2020	Feb. 13, 2020	Mar. 3, 2020
Base	7.00	61,320	12/2021	12/2022		Jan 10, 2020 & Jan. 16, 2020	Jan. 31, 2020	Jan. 31, 2020	Feb. 6, 2020	Feb. 13, 2020	Mar. 3, 2020
Base	8.50	74,460	12/2022	12/2023		Jan 10, 2020 & Jan. 16, 2020	Jan. 31, 2020	Jan. 31, 2020	Feb. 6, 2020	Feb. 13, 2020	Mar. 3, 2020
Base	12.00	2,103,840	12/2023	12/2043	To be determined	To be determined	To be determined	To be determined	To be determined	To be determined	To be determined

10 Year Monthly Data

		Foreca	st	PSA A	ted and For Approval	ontracted D	emand and Er	Commi	itted for CSP
Year	Coincide nt Peak Demand (MW)	Off Peak Demand (MW)	Energy Requirement (MWh)	Demand (MW)	Energy (MWh)	Uncontrac ted Demand (MW)	Uncontracte d Energy (MWh)	Demand (MW)	Energy (MWh)
2019									
Jan	46.78	21.61	24,508.43	44.00	22,255.03	2.78	2,253.40		
Feb	43.83	18.52	23,657.04	44.00	22,255.03	(0.17)	1,402.01		
Mar	47.97	26.30	22,943.53	44.00	20,101.32	3.97	2,842.21		
Apr	55.33	27.34	27,603.60	44.00	22,255.03	11.33	5,348.57		
May	56.28	30.95	29,355.56	44.00	21,537.12	12.28	7,818.44		
Jun	54.87	22.96	27,093.87	44.00	22,255.03	10.87	4,838.84		
Jul	48.98	26.90	24,960.16	44.00	21,537.12	4.98	3,423.04		
Aug	51.96	23.05	24,777.34	44.00	22,255.03	7.96	2,522.32		
Sep	47.63	21.35	22,353.84	44.00	22,255.03	3.63	98.81		
Oct	49.27	27.40	25,842.25	44.00	21,537.12	5.27	4,305.13		
Nov	47.08	27.85	25,254.61	44.00	22,255.03	3.08	2,999.58		
Dec	48.66	31.44	25,485.64	44.00	21,537.12	4.66	3,948.52		
2020									
Jan	50.92	22.79	25,768.10	44.00	22,255.03	6.92	3,513.08		
Feb	49.54	19.54	24,872.96	44.00	22,255.03	5.54	2,617.93		
Mar	52.52	27.74	24,122.77	44.00	20,101.32	8.52	4,021.46	4.00	2,976.00
Apr	56.87	28.84	29,022.36	44.00	22,255.03	12.87	6,767.34	4.00	2,880.00
May	58.32	32.64	30,864.37	44.00	21,537.12	14.32	9,327.25	4.00	2,976.00
Jun	58.90	24.22	28,486.43	44.00	22,255.03	14.90	6,231.41	4.00	2,880.00
Jul	52.46	28.37	26,243.06	44.00	21,537.12	8.46	4,705.94	4.00	2,976.00
Aug	55.66	24.31	26,050.84	44.00	22,255.03	11.66	3,795.81	4.00	2,976.00
Sep	51.02	22.52	23,502.77	44.00	22,255.03	7.02	1,247.74	4.00	2,880.00
Oct	52.78	28.90	27,170.49	44.00	21,537.12	8.78	5,633.36	4.00	2,976.00
Nov	50.42	29.37	26,552.63	44.00	22,255.03	6.42	4,297.61	4.00	2,880.00
Dec	52.12	33.16	26,795.54	44.00	21,537.12	8.12	5,258.42	4.00	2,976.00
2021									
Jan	52.95	23.95	27,027.78	44.00	22,255.03	8.95	4,772.75	5.00	3,720.00
Feb	51.52	20.52	26,088.88	44.00	22,255.03	7.52	3,833.85	5.00	3,360.00
Mar	54.61	29.14	25,302.02	44.00	20,101.32	10.61	5,200.70	5.00	3,720.00
Apr	59.14	30.30	30,441.13	44.00	22,255.03	15.14	8,186.10	5.00	3,600.00
May	60.65	34.29	32,373.18	44.00	21,537.12	16.65	10,836.05	5.00	3,720.00
Jun	61.25	25.44	29,879.00	44.00	22,255.03	17.25	7,623.97	5.00	3,600.00
Jul	54.55	29.81	27,525.96	44.00	21,537.12	10.55	5,988.83	5.00	3,720.00
Aug	57.88	25.54	27,324.34	44.00	22,255.03	13.88	5,069.31	5.00	3,720.00
Sep	53.05	23.66	24,651.71	44.00	22,255.03	9.05	2,396.68	5.00	3,600.00
Oct	54.88	30.36	28,498.72	44.00	21,537.12	10.88	6,961.60	5.00	3,720.00
Nov	52.44	30.85	27,850.66	44.00	22,255.03	8.44	5,595.64	5.00	3,600.00
Dec	54.19	34.84	28,105.45	44.00	21,537.12	10.19	6,568.32	5.00	3,720.00
2022									
Jan	54.98	25.07	28,287.46	44.00	22,255.03	10.98	6,032.43	7.00	5,208.00

Feb	53.49	21.49	27,304.80	44.00	22,255.03	9.49	5,049.77	7.00	4,704.00
Mar	56.71	30.51	26,481.26	44.00	20,101.32	12.71	6,379.95	7.00	5,208.00
Apr	61.41	31.72	31,859.89	44.00	22,255.03	17.41	9,604.86	7.00	5,040.00
May	62.97	35.90	33,881.99	44.00	21,537.12	18.97	12,344.86	7.00	5,208.00
Jun	63.59	26.64	31,271.56	44.00	22,255.03	19.59	9,016.53	7.00	5,040.00
Jul	56.64	31.20	28,808.85	44.00	21,537.12	12.64	7,271.73	7.00	5,208.00
Aug	60.10	26.74	28,597.84	44.00	22,255.03	16.10	6,342.81	7.00	5,208.00
Sep	55.09	24.77	25,800.64	44.00	22,255.03	11.09	3,545.62	7.00	5,040.00
Oct	56.99	31.78	29,826.95	44.00	21,537.12	12.99	8,289.83	7.00	5,208.00
Nov	54.45	32.30	29,148.69	44.00	22,255.03	10.45	6,893.66	7.00	5,040.00
Dec	56.27	36.47	29,415.35	44.00	21,537.12	12.27	7,878.23	7.00	5,208.00
2023									
Jan	57.01	26.17	29,547.13	44.00	22,255.03	13.01	7,292.11	8.50	6,324.00
Feb	55.47	22.43	28,520.71	44.00	22,255.03	11.47	6,265.69	8.50	5,712.00
Mar	58.80	31.84	27,660.51	44.00	20,101.32	14.80	7,559.19	8.50	6,324.00
Apr	63.67	33.11	33,278.65	44.00	22,255.03	19.67	11,023.62	8.50	6,120.00
May	65.30	37.47	35,390.80	44.00	21,537.12	21.30	13,853.67	8.50	6,324.00
Jun	65.94	27.80	32,664.12	44.00	22,255.03	21.94	10,409.09	8.50	6,120.00
Jul	58.73	32.57	30,091.75	44.00	21,537.12	14.73	8,554.62	8.50	6,324.00
Aug	62.32	27.91	29,871.34	44.00	22,255.03	18.32	7,616.31	8.50	6,324.00
Sep	57.12	25.85	26,949.58	44.00	22,255.03	13.12	4,694.55	8.50	6,120.00
Oct	59.09	33.17	31,155.18	44.00	21,537.12	15.09	9,618.06	8.50	6,324.00
Nov	56.46	33.71	30,446.72	44.00	22,255.03	12.46	8,191.69	8.50	6,120.00
Dec	58.35	38.07	30,725.25	44.00	21,537.12	14.35	9,188.13	8.50	6,324.00
2024									
Jan	59.04	27.24	30,806.81	44.00	22,255.03	15.04	8,551.78	12.00	8,928.00
Feb	57.44	23.34	29,736.63	44.00	22,255.03	13.44	7,481.60	12.00	8,064.00
Mar	60.89	33.14	28,839.75	44.00	20,101.32	16.89	8,738.44	12.00	8,928.00
Apr	65.94	34.46	34,697.41	44.00	22,255.03	21.94	12,442.38	12.00	8,640.00
May	67.62	39.00	36,899.60	44.00	21,537.12	23.62	15,362.48	12.00	8,928.00
Jun	68.29	28.94	34,056.68	44.00	22,255.03	24.29	11,801.66	12.00	8,640.00
Jul	60.82	33.90	31,374.64	44.00	21,537.12	16.82	9,837.52	12.00	8,928.00
Aug	64.54	29.05	31,144.84	44.00	22,255.03	20.54	8,889.81	12.00	8,928.00
Sep	59.15	26.91	28,098.51	44.00	22,255.03	15.15	5,843.49	12.00	8,640.00
Oct	61.20	34.53	32,483.42	44.00	21,537.12	17.20	10,946.29	12.00	8,928.00
Nov	58.47	35.09	31,744.75	44.00	22,255.03	14.47	9,489.72	12.00	8,640.00
Dec	60.43	39.62	32,035.16	44.00	21,537.12	16.43	10,498.03	12.00	8,928.00
2025									
Jan	61.07	28.28	32,066.49	44.00	22,255.03	17.07	9,811.46	12.00	8,928.00
Feb	59.42	24.24	30,952.55	44.00	22,255.03	15.42	8,697.52	12.00	8,064.00
Mar	62.99	34.41	30,019.00	44.00	20,101.32	18.99	9,917.68	12.00	8,928.00
Apr	68.21	35.78	36,116.17	44.00	22,255.03	24.21	13,861.15	12.00	8,640.00
May	69.95	40.49	38,408.41	44.00	21,537.12	25.95	16,871.29	12.00	8,928.00
Jun	70.64	30.05	35,449.25	44.00	22,255.03	26.64	13,194.22	12.00	8,640.00
Jul	62.92	35.20	32,657.54	44.00	21,537.12	18.92	11,120.41	12.00	8,928.00
Aug	66.76	30.17	32,418.33	44.00	22,255.03	22.76	10,163.31	12.00	8,928.00
Sep	61.19	27.94	29,247.45	44.00	22,255.03	17.19	6,992.42	12.00	8,640.00
Oct	63.30	35.85	33,811.65	44.00	21,537.12	19.30	12,274.53	12.00	8,928.00
Nov	60.48	36.44	33,042.78	44.00	22,255.03	16.48	10,787.75	12.00	8,640.00
Dec	62.51	41.14	33,345.06	44.00	21,537.12	18.51	11,807.94	12.00	8,928.00
2026			-						-
Jan	63.10	29.30	33,326.17	44.00	22,255.03	19.10	11,071.14	12.00	8,928.00
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Feb	61.39	25.11	32,168.47	44.00	22,255.03	17.39	9,913.44	12.00	8,064.00
Mar	65.08	35.66	31,198.24	44.00	20,101.32	21.08	11,096.93	12.00	8,928.00
Apr	70.47	37.07	37,534.93	44.00	22,255.03	26.47	15,279.91	12.00	8,640.00
May	72.27	41.95	39,917.22	44.00	21,537.12	28.27	18,380.10	12.00	8,928.00
Jun	72.99	31.13	36,841.81	44.00	22,255.03	28.99	14,586.78	12.00	8,640.00
Jul	65.01	36.47	33,940.43	44.00	21,537.12	21.01	12,403.31	12.00	8,928.00
Aug	68.97	31.25	33,691.83	44.00	22,255.03	24.97	11,436.81	12.00	8,928.00
Sep	63.22	28.94	30,396.39	44.00	22,255.03	19.22	8,141.36	12.00	8,640.00
Oct	65.40	37.14	35,139.88	44.00	21,537.12	21.40	13,602.76	12.00	8,928.00
Nov	62.49	37.75	34,340.81	44.00	22,255.03	18.49	12,085.78	12.00	8,640.00
Dec	64.58	42.63	34,654.96	44.00	21,537.12	20.58	13,117.84	12.00	8,928.00
2027									
Jan	65.13	30.30	34,585.84	44.00	22,255.03	21.13	12,330.81	12.00	8,928.00
Feb	63.37	25.97	33,384.38	44.00	22,255.03	19.37	11,129.36	12.00	8,064.00
Mar	67.17	36.87	32,377.49	44.00	20,101.32	23.17	12,276.17	12.00	8,928.00
Apr	72.74	38.33	38,953.70	44.00	22,255.03	28.74	16,698.67	12.00	8,640.00
May	74.60	43.38	41,426.03	44.00	21,537.12	30.60	19,888.91	12.00	8,928.00
Jun	75.33	32.19	38,234.37	44.00	22,255.03	31.33	15,979.34	12.00	8,640.00
Jul	67.10	37.71	35,223.33	44.00	21,537.12	23.10	13,686.20	12.00	8,928.00
Aug	71.19	32.32	34,965.33	44.00	22,255.03	27.19	12,710.30	12.00	8,928.00
Sep	65.26	29.93	31,545.32	44.00	22,255.03	21.26	9,290.30	12.00	8,640.00
Oct	67.51	38.41	36,468.11	44.00	21,537.12	23.51	14,930.99	12.00	8,928.00
Nov	64.50	39.04	35,638.84	44.00	22,255.03	20.50	13,383.81	12.00	8,640.00
Dec	66.66	44.08	35,964.87	44.00	21,537.12	22.66	14,427.74	12.00	8,928.00
2028									
Jan	67.16	31.27	35,845.52	44.00	22,255.03	23.16	13,590.49	12.00	8,928.00
Feb	65.34	26.80	34,600.30	44.00	22,255.03	21.34	12,345.27	12.00	8,064.00
Mar	69.27	38.06	33,556.73	44.00	20,101.32	25.27	13,455.42	12.00	8,928.00
Apr	75.01	39.57	40,372.46	44.00	22,255.03	31.01	18,117.43	12.00	8,640.00
May	76.92	44.78	42,934.84	44.00	21,537.12	32.92	21,397.71	12.00	8,928.00
Jun	77.68	33.23	39,626.93	44.00	22,255.03	33.68	17,371.91	12.00	8,640.00
Jul	69.19	38.93	36,506.22	44.00	21,537.12	25.19	14,969.10	12.00	8,928.00
Aug	73.41	33.36	36,238.83	39.00	19,026.78	34.41	17,212.05	12.00	8,928.00
Sep	67.29	30.89	32,694.26	39.00	19,026.78	28.29	13,667.48	12.00	8,640.00
Oct	69.61	39.64	37,796.35	39.00	18,413.01	30.61	19,383.33	12.00	8,928.00
Nov	66.51	40.30	36,936.86	39.00	19,026.78	27.51	17,910.08	12.00	8,640.00
Dec	68.74	45.50	37,274.77	39.00	18,413.01	29.74	18,861.76	12.00	8,928.00