CAMARINES SUR I ELECTRIC COOPERATIVE, INC.

POWER SUPPLY PROCUREMENT PLAN

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

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

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

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

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

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

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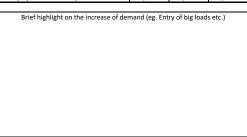
INTRODUCTION

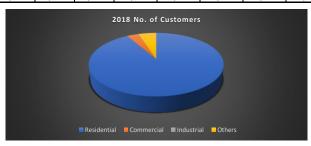
DISTRIBUTION UTILITIES PROFILE

CASURECO I has a coverage area of 10 towns – 4 from the 1st congressional district, namely, Ragay, Sipocot, Lupi and Cabusao; 5 from the 2nd congressional district, namely, Libmanan, Pamplona, Pasacao, San Fernando and Gainza; and 1 from the 3rd congressional district, Camaligan. Through agreements made with QUEZELCO I, it services barangays Salvacion and Nagkalit of Del Gallego.



| Number of Customer Connections in | ACTUAL | | | | | FC | RECAST | | | | |
|-------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|------------|------------|
| Franchise | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| Residential | 74623 | 76828 | 80105 | 83441 | 86841 | 90311 | 93859 | 97488 | 101204 | 105012 | 108918 |
| Commercial | 2682 | 2771 | 2889 | 3009 | 3132 | 3257 | 3384 | 3516 | 3650 | 3787 | 3928 |
| Industrial | 72 | 73 | 76 | 78 | 82 | 86 | 89 | 93 | 96 | 100 | 103 |
| Others | 4091 | 4495 | 4686 | 4883 | 5081 | 5284 | 5491 | 5703 | 5920 | 6146 | 6375 |
| Contestable Customers served by RES | | | | | | | | | | | |
| Total (Captive Customers) | 81,468.00 | 84,167.00 | 87,756.00 | 91,411.00 | 95,136.00 | 98,938.00 | 102,823.00 | 106,800.00 | 110,870.00 | 115,045.00 | 119,324.00 |

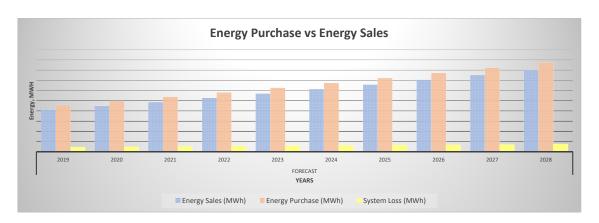




ENERGY SALES AND PURCHASE

| ENERGY SALES AND | | | | | HIST | ORICAL | | | | |
|-----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| PURCHASE | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Energy Sales (MWh) | 35,888.99 | 40,446.85 | 42,035.17 | 47,306.26 | 50,821.68 | 48,129.38 | 56,653.70 | 65,472.75 | 67,906.54 | 76,842.51 |
| Energy Purchase (MWh) | 45,904.76 | 51,891.78 | 52,382.75 | 56,521.48 | 60,258.92 | 56,591.90 | 64,304.43 | 73,798.85 | 75,187.09 | 85,342.87 |
| System Loss (MWh) | 10,015.77 | 11,444.93 | 10,347.59 | 9,215.22 | 9,437.25 | 8,462.52 | 7,650.73 | 8,326.09 | 7,280.55 | 8,500.36 |

| ENERGY SALES AND | | | | | FOF | RECAST | | | | |
|-----------------------|-----------|-----------|------------|------------|------------|------------|------------|------------|------------|------------|
| PURCHASE | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| Energy Sales (MWh) | 82,461.90 | 89,646.21 | 97,282.38 | 105,332.84 | 113,759.19 | 122,522.43 | 131,583.19 | 140,901.84 | 150,438.54 | 160,153.32 |
| Energy Purchase (MWh) | 91,415.81 | 99,198.35 | 107,453.44 | 116,137.50 | 125,206.37 | 134,615.60 | 144,320.68 | 154,277.09 | 164,440.47 | 175,059.44 |
| System Loss (MWh) | 8,953.91 | 9,552.14 | 10,171.06 | 10,804.66 | 11,447.18 | 12,093.17 | 12,737.48 | 13,375.25 | 14,001.93 | 14,906.12 |

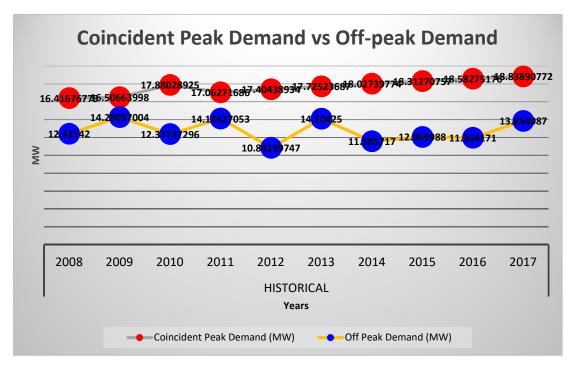


Brief highlight/report

DEMAND

| Demand | | | | | HISTO | RICAL | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Demand | 2009 | 2010 | 2011 | 2012 | 2013 | 2014 | 2015 | 2016 | 2017 | 2018 |
| Coincident Peak | | | | | | | | | | |
| Demand (MW) | 10.36 | 11.02 | 11.01 | 11.68 | 12.5 | 13.29 | 12.91 | 14.35 | 14.96 | 15.86 |
| Off Peak Demand | | | | | | | | | | |
| (MW) | 8.499 | 8.986 | 7.615 | 10.15 | 8.93 | 11 | 9.802 | 11.13 | 11.96 | 12.91 |

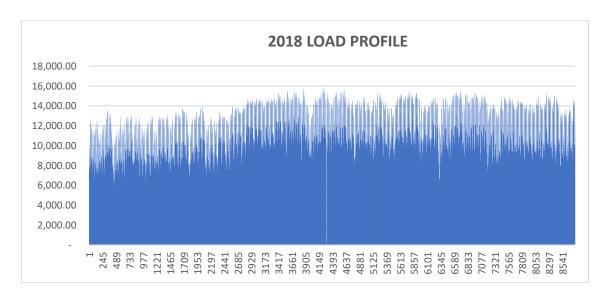
| Demand | | | | | HISTO | RICAL | | | | |
|-----------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Demand | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| Coincident Peak | | | | | | | | | | |
| Demand (MW) | 16.42 | 16.51 | 17.88 | 17.06 | 17.4 | 17.73 | 18.03 | 18.31 | 18.58 | 18.84 |
| Off Peak Demand | | | | | | | | | | |
| (MW) | 12.42 | 14.28 | 12.38 | 14.13 | 10.84 | 14.1 | 11.59 | 12.07 | 11.96 | 13.85 |

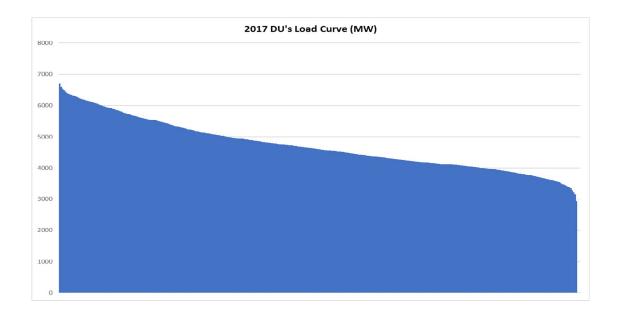


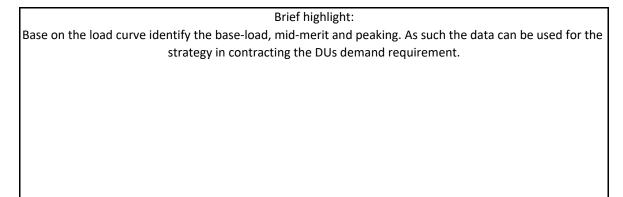
Brief highlight of historical demand and forecasting methodology and result:

CASURECO I adopted the Trend Analysis Approach Forecast Method in projecting Annual Energy Sales, Customer and Demand utilizing the five (5) years normalized historical data. The forecast models used have passed the criteria as prescribed in Article 2.4 of Electric Cooperative Distribution Utility Planning Manual (ECDUPM). The summary of forecasting models are as follows:

LOAD PROFILE AND LOAD DURATION CURVE

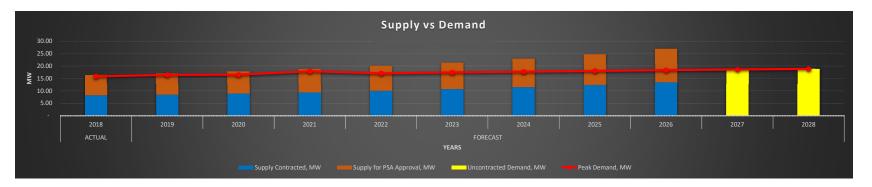






MIXSUPPLY VS DEMAND AND THE OPTIMAL SUPPLY

| Supply Demand | ACTUAL | | | | | FORECA | ST | | | | |
|--|-----------|-----------|-----------|-----------|-----------|-----------|------------|------------|------------|-------|-------|
| Зирріу Детапи | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 | 2024 | 2025 | 2026 | 2027 | 2028 |
| Peak Demand, MW | 15.86 | 16.42 | 16.51 | 17.88 | 17.06 | 17.40 | 17.73 | 18.03 | 18.31 | 18.58 | 18.84 |
| Supply Contracted, MW | 8.20 | 8.50 | 8.90 | 9.40 | 10.00 | 10.70 | 11.50 | 12.40 | 13.50 | | |
| San Miguel Energy Corporation (MWh) | 72,964.42 | 74,460.00 | 77,964.00 | 82,344.00 | 87,600.00 | 93,732.00 | 100,740.00 | 108,624.00 | 118,260.00 | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| Supply for PSA Approval, MW | 8.2 | 8.5 | 8.9 | 9.4 | 10 | 10.7 | 11.5 | 12.4 | 13.5 | 0 | c |
| Limay Premier Power Corporation (LPPC) | 8.2 | 8.5 | 8.9 | 9.4 | 10 | 10.7 | 11.5 | 12.4 | 13.5 | | |
| Generation Plant Name 2 | | | | | | | | | | | |
| Generation Plant Name 3 | | | | | | • | | | | • | |
| Uncontracted Demand, MW | , | - | | | - | - | | | - | 18.58 | 18.84 |



List of Existing Contracts and Details

| Supply Contracted | Plant Owner/ Operator | Capacity Factor | PSA Effectivity (MM/YR) | PSA Expiration (MM/YR) | | 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) |
|--|------------------------|--------------------|----------------------------|------------------------------|-----------------|---------------------------|-----------------------------------|-----------------------------|--|-----------|-----------|-------------------------------|------------------------------|
| Limay Premier Power Corporation (LPPC) | San Miguel Corporation | | 12/26/2016 | 12/25/2026 | 7.9 incremental | | Mid-merit | Grid Connected | IPP | Supplying | Coal | 2x150 | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | | | | | | | | | | | | |
| | | , and the second | | | • | | | | | | | • | |

Discuss the following:

Performance of the existing Contracted Generation Companies.

For off-grid DUs specify the approved SAGR

Further, discuss the optimal supply mix for the DU given the load curve, performance of the existing contracted generation companies and other factors as found significant.

CASURECO I has a bilaterl contract with Limay Premier Power Corporation (LPPC)/SMEC with a period of Ten(10) years from December 26, 2016 to December 25, 2026 and awaiting for the Energy Regulatory Commission (ERC) decision of our Power Supply Agreement

While pending ERC decision on our Power Supply Agreement (PSA), CASURECO I and SMEC executed a Letter of Agreement (LOA) on December 12, 2016 wherein SMEC agreed to continue to supply power to CASURECO I from December 26, 2016 based on a lower rate, which is th prevailing National Power Corporation Time-Of-Use (NPC TOU) rate. The purpose of which is to guarantee the continuity of supply of power to CASURECO I's member-consumers. Although we have a contracted capacity per year under our PSA, we have the renomination protocol on which we are allowed to purchased greater than the contracted capacity that is why our data with San Miguel Corporation is energy based.

The contracted capacity for a period of 10 years in our existing power supplier was an intermediate load or Mid-Merit. We have a high demand only during summer time, which is the month of June and since almost our customers is residential, our highest demand registration was between 8pm to 9pm and with average load of 63%

Currently, 81% of our energy requirements was sourced from SMEC and 19% from WESM, our blended generation. We have a Bilateral Contract Quantity Nomination Protocol with our existing power supplier allowing us to purchase only 50% of our energy requirements per interval. This protocol is favorable to CASURECO I during the wet season wherein WESM price was lesser than SMEC Time of Use (TOU).

In view of the Supreme Court Decision that all Distribution Utilities (DUs) with Power Supply Agreement (PSA) application with the ERC and did not undertake the CSP process on or after 30 June 2015 should conduct CSP. The existing PSA of CASURECO I was submitted April 29, 2016, thus it is covered by the Supreme Court decision. That's why, CASURECO I and LPPC executed a Motion for Reconsideration to the ERC dated 11 October 2019 on the allegation that CASURECO I had already conducted a CSP to secure the PSA with LPPC but in compliance with the 2015 DOE Circular, Joint Resolution and 2015 CSP Guidelines on the conduct of a CSP.

DISTRIBUTION IMPACT STUDY

Brief discussion on the following:
Readiness of substation, distribution lines on the forecasted increase of loads
Impact on the entry of a new power plant which may affects transmission congestion
Loading of substations

Compliance with the PDC and PEC will

CASURECO I has three (3) substations with a total capacity of 20 MVA which supplies the energy requirement of its entire coverage area. The evaluation of the substation capacity, power quality, efficiency and reliability of electric distribution system were conducted so that any plans for improvement would be most economical and effective. The substation projected loads were evaluated applying the 10-year forecast for demand of every substation and was compared to each rated capacity. Below table shows the forecasted demand of the existing substation over the 10-year planning period to monitor the possible capacity loading of each substation. Demand is forecasted to increase from 16.01MW in 2018 to about 31.80 MW in 2028 which corresponds to an average annual increase of 3.86% over the 10 year period.

| | 5 | MVA Libman | an | 10 | MVA Pamp | lona | | 5 MVASipo | ocot | |
|------|--------|------------|--------------------------------------|--------|-----------|---|--------|-----------|--------------------------------------|------------------|
| Year | Demand | % Loading | Substation Loading (Condition) | Demand | % Loading | Substatio n Loading (Condition) | Demand | % Loading | Substation Loading (Condition) | Entire System |
| 2012 | 2.93 | 48.36% | Ideal | 5.14 | 42% | Ideal | 4.05 | 69.15% | Tolerable | 12.12 |
| 2013 | 3.02 | 49.52% | Ideal | 5.31 | 43% | Ideal | 4.18 | 70.42% | Tolerable | 12.51 |
| 2014 | 3.25 | 53.79% | Ideal | 5.54 | 46% | Ideal | 4.59 | 76.69% | Tolerable | 13.38 |
| 2015 | 3.26 | 54.19% | Ideal | 5.34 | 45% | Ideal | 4.86 | 79.48% | Tolerable | 13.46 |
| 2016 | 3.44 | 56.91% | Ideal | 5.85 | 49% | Ideal | 5.12 | 83.29% | Loaded | 14.42 |
| 2017 | 4.19 | 69.10% | Tolerable | 6.01 | 50% | Ideal | 5.31 | 85.33% | Loaded | 15.51 |
| 2018 | 4.57 | 75.61% | Tolerable | 6.24 | 52% | Ideal | 5.20 | 84.24% | Loaded | 16.01 |
| 2019 | 4.76 | 77.65% | Tolerable | 6.49 | 53% | Ideal | 5.42 | 87.58% | Loaded | 16.67 |
| 2020 | 5.07 | 82.80% | Loaded | 6.92 | 57% | Ideal | 5.78 | 93.40% | Loaded | 17.77 |
| 2021 | 5.42 | 88.57% | Loaded | 7.41 | 60% | Tolerable | 6.18 | 99.90% | Loaded | 19.01 |
| 2022 | 5.82 | 94.97% | Loaded | 7.94 | 65% | Tolerable | 6.63 | 107.13% | Overloaded | 20.39 |
| 2023 | 6.25 | 102.04% | Overloaded | 8.53 | 70% | Tolerable | 7.12 | 115.10% | Overloaded | 21.90 |
| 2024 | 6.72 | 109.79% | Overloaded | 9.18 | 75% | Tolerable | 7.66 | 123.84% | Overloaded | 23.57 |
| 2025 | 7.24 | 118.25% | Overloaded | 9.89 | 81% | Loaded | 8.25 | 133.39% | Overloaded | 25.38 |
| 2026 | 7.81 | 127.45% | Overloaded | 10.66 | 87% | Loaded | 8.90 | 143.76% | Overloaded | 27.36 |
| 2027 | 8.42 | 137.40% | Overloaded | 11.49 | 94% | Loaded | 9.59 | 154.98% | Overloaded | 29.49 |
| 2028 | 9.07 | 148.13% | Overloaded | 12.39 | 101% | Overloaded | 10.34 | 167.09% | Overloaded | 31.80 |

The recent assessment and evaluation of CASURECO I existing loading and substation capacity showed that the 5-MVA Substation in Libmanan is loaded at 82.80% and 83.29% for Sipocot which violated the Section 3.2.1 of EC-DU Planning Manual.

Presently, additional 5-MVA Ragay substation was energized last July 9, 2019 to address the capacity and voltage drop at the far-flung areas in Ragay. Further, we have on-going construction of 20-MVA substation to address also the capacity issue of the 5MVA Libmanan Substation. Associated are the construction of 800 meters 69kV Sub-Transmission for the energization.

Acquisition of the New substations and upgrading of distribution lines assure that CASURECO I substation capacity is enough for the rapidly increasing power demands from existing and new consumers.

SCHEDULE OF CSP

| | For CSP | | Proposed con | tract period | | | Propose | d schedule (0 | 09/2024) | | |
|-----------------------------------|-------------|-----------------|-------------------------|-----------------------|---|-----------------------|---|-------------------|----------|-------------|--------------------------------|
| Base / mid- merit / peaking | 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 |
| Med-merit | 8.90 | 78,178 | | | | | | | | | |
| | 9.40 | 82,344 | | | | | | | | | |
| | 10.00 | 87,600 | | | | | | | | | |
| | 10.70 | 93,732 | 12/26/2020 | 12/25/2026 | 07/2020 | 08/2020 | 09/2020 | 09/2020 | 10/2020 | 11/2020 | 12/2020 |
| | 11.50 | 101,016 | | | | | | | | | |
| | 12.40 | 108,624 | | | | | | | | | |
| | 13.50 | 118,260 | | | | | | | | | |
| Med-merit | 14.35 | 125,706 | 12/26/2026 | 12/25/2028 | 04/2026 | 05/2026 | 06/2026 | 06/2026 | 07/2026 | 08/2026 | 09/2026 |
| | 15.28 | 134,220 | 12/20/2020 | 12/23/2028 | 04/2020 | 03/2020 | 00/2020 | 00/2020 | 07/2020 | 08/2020 | 09/2020 |
| | | | | | | | | | | | |

Note: CASURECO I and Limay Premiere Power Corporation (LPPC) jointly filed a Motion for Reconsideration (MR) with the ERC on October 11, 2019. If this MR will not be given due course by ERC, at Row 6 to 12 of the CSP Schedule Worksheet will be the demand (MW) subject for CSP.

10 Year Monthly Data

| V | | Forecast | | Contracted PSA Approval and En | Demand | Uncontra | ncted Demand and Energy | Committe | ed for CSP |
|------------|-----------------------------|----------------------------|--------------------------------|--------------------------------------|-----------------|--------------------------------|---------------------------|----------------|-----------------|
| Year | Coincident Peak Demand (MW) | Off Peak Demand (MW) | Energy Requirement (MWh) | Demand (MW) | Energy (MWh) | Uncontracted Demand (MW) | Uncontracted Energy (MWh) | Demand (MW) | Energy (MWh) |
| 2019 | | | | | | | | | |
| Jan | 11.59 | 10.03 | 6,518.37 | 8.5 | | 3.09 | | | |
| Feb | 11.82 | 9.79 | 6,586.92 | 8.5 | | 3.32 | | | |
| Mar | 11.76 | 10.40 | 6,338.60 | 8.5 | | 3.26 | | | |
| Apr | 14.51 | 11.17 | 7,471.12 | 8.5 | | 6.01 | | | |
| May | 15.35 | 12.09 | 8,218.67 | 8.5 | | 6.85 | | | |
| Jun | 16.42 | 12.42 | 8,365.91 | 8.5 | | 7.92 | | | |
| Jul | 14.75 | 11.70 | 8,047.42 | 8.5 | | 6.25 | | | |
| Aug | 15.68 | 12.14 | 8,154.86 | 8.5 | | 7.18 | | | |
| Sep | 15.62 | 12.08 | 8,111.73 | 8.5 | | 7.12 | | | |
| Oct Nov | 15.22 15.89 | 12.21 11.70 | 8,065.46 7,947.45 | 8.5 8.5 | | 6.72 7.39 | | | |
| Dec | 14.46 | 12.12 | 7,589.30 | 8.5 | | 5.96 | | | |
| 2020 | 14.40 | 12.12 | 7,369.30 | 6.5 | | 3.30 | | | |
| Jan | 11.65 | 11.75 | 7,073.31 | 8.9 | | 2.75 | | | |
| Feb | 11.88 | 11.53 | 7,147.68 | 8.9 | | 2.98 | | | |
| Mar | 11.82 | 11.68 | 6,878.22 | 8.9 | | 2.92 | | | |
| Apr | 14.59 | 12.97 | 8,107.16 | 8.9 | | 5.69 | | | |
| May | 15.43 | 13.91 | 8,918.35 | 8.9 | | 6.53 | | | |
| Jun | 16.51 | 14.28 | 9,078.13 | 8.9 | | 7.61 | | | |
| Jul | 14.83 | 13.77 | 8,732.52 | 8.9 | | 5.93 | | | |
| Aug | 15.76 | 13.99 | 8,849.11 | 8.9 | | 6.86 | | | |
| Sep | 15.71 | 14.03 | 8,802.32 | 8.9 | | 6.81 | | | |
| Oct | 15.30 | 14.37 | 8,752.10 | 8.9 | | 6.40 | | | |
| Nov Dec | 15.98 14.54 | 13.53 13.93 | 8,624.05 8,235.40 | 8.9 8.9 | | 7.08 5.64 | | | |
| 2021 | 14.54 | 13.33 | 0,233.40 | 0.5 | | 3.04 | | | |
| Jan | 12.62 | 9.73 | 7,661.93 | 9.4 | | 3.22 | | | |
| Feb | 12.87 | 9.52 | 7,742.50 | 9.4 | | 3.47 | | | |
| Mar | 12.80 | 10.19 | 7,450.62 | 9.4 | | 3.40 | | | |
| Apr | 15.81 | 11.01 | 8,781.82 | 9.4 | | 6.41 | | | |
| May | 16.71 | 11.98 | 9,660.52 | 9.4 | | 7.31 | | | |
| Jun | 17.88 | 12.38 | 9,833.59 | 9.4 | | 8.48 | | | |
| Jul | 16.07 | 11.85 | 9,459.23 | 9.4 | | 6.67 | | | |
| Aug | 17.08 | 12.07 | 9,585.52 | 9.4 | | 7.68 | | | |
| Sep | 17.02 | 12.11 | 9,534.83 | 9.4 | | 7.62 | | | |
| Oct | | 12.46 | 9,480.43 | 9.4 | | 7.17 | | | |
| Nov | | 11.61 | 9,341.72 | 9.4 | | 7.91 | | | |
| Dec | 15.75 | 11.98 | 8,920.74 | 9.4 | | 6.35 | | | |
| 2022 | 4.55 | | 0.00: :- | | | | | | |
| Jan | 14.29 | 11.36 | 8,281.15 | 10 | | 4.29 | | | |
| Feb | 14.10 | 11.17 | 8,368.23 | 10 | | 4.10 | | | |
| Mar | 14.80 | 11.86 | 8,052.75 | 10 10 | | 4.80 | | | |
| Apr May | 15.64 16.63 | 12.70 13.69 | 9,491.54 10,441.25 | 10 | | 5.64 6.63 | | | |
| Jun | 17.06 | 14.13 | 10,441.25 | 10 | | 7.06 | | | |
| Jul | 16.52 | 13.58 | 10,028.31 | 10 | | 6.52 | | | |
| Aug | 16.74 | 13.81 | 10,360.19 | 10 | | 6.74 | | | |
| Sep | 16.78 | 13.84 | 10,305.40 | 10 | | 6.78 | | | |
| Oct | | 14.20 | 10,246.61 | 10 | | 7.14 | | | |
| Nov | 16.27 | 13.34 | 10,096.69 | 10 | | 6.27 | | | |
| Dec | 16.62 | 13.68 | 9,641.68 | 10 | | 6.62 | | | |
| 2023 | | | | | | | | | |
| Jan | 14.52 | 7.96 | 8,927.80 | 10.7 | | 3.82 | | | |
| Feb | 14.35 | 7.78 | 9,021.68 | 10.7 | | 3.65 | | | |

| | 1 | | | | | |
|----------|--------|-------|-----------|------|-------|--|
| Mar | 15.07 | 8.50 | 8,681.57 | 10.7 | 4.37 | |
| Apr | 15.93 | 9.37 | 10,232.71 | 10.7 | 5.23 | |
| May | 16.94 | 10.38 | 11,256.58 | 10.7 | 6.24 | |
| Jun | 17.40 | 10.84 | 11,458.25 | 10.7 | 6.70 | |
| Jul | 16.84 | 10.28 | 11,022.03 | 10.7 | 6.14 | |
| Aug | 17.07 | 10.51 | 11,169.19 | 10.7 | 6.37 | |
| — | | | | | | |
| Sep | 17.10 | 10.54 | 11,110.12 | 10.7 | 6.40 | |
| Oct | 17.47 | 10.91 | 11,046.74 | 10.7 | 6.77 | |
| Nov | 16.60 | 10.03 | 10,885.12 | 10.7 | 5.90 | |
| Dec | 16.92 | 10.35 | 10,394.58 | 10.7 | 6.22 | |
| 2024 | | | | | - | |
| Jan | 14.73 | 11.11 | 9,598.72 | 11.5 | 3.23 | |
| Feb | 14.58 | 10.95 | 9,699.66 | 11.5 | 3.08 | |
| - | 14.79 | | · · | 11.5 | 3.29 | |
| Mar | | 11.17 | 9,333.99 | | | |
| Apr | 16.20 | 12.58 | 11,001.70 | 11.5 | 4.70 | |
| May | 17.23 | 13.61 | 12,102.51 | 11.5 | 5.73 | |
| Jun | 17.73 | 14.10 | 12,319.33 | 11.5 | 6.23 | |
| Jul | 17.15 | 13.53 | 11,850.34 | 11.5 | 5.65 | |
| Aug | 17.38 | 13.76 | 12,008.55 | 11.5 | 5.88 | |
| Sep | 17.40 | 13.78 | 11,945.05 | 11.5 | 5.90 | |
| Oct | 17.79 | 14.16 | 11,876.90 | 11.5 | 6.29 | |
| - | | | | | | |
| Nov | 16.90 | 13.28 | 11,703.13 | 11.5 | 5.40 | |
| Dec | 17.20 | 13.57 | 11,175.73 | 11.5 | 5.70 | |
| 2025 | | | | | | |
| Jan | 14.93 | 8.49 | 10,290.74 | 12.4 | 2.53 | |
| Feb | 14.79 | 8.35 | 10,398.95 | 12.4 | 2.39 | |
| Mar | 15.56 | 9.11 | 10,006.92 | 12.4 | 3.16 | |
| Apr | 16.46 | 10.02 | 11,794.86 | 12.4 | 4.06 | |
| — | 17.51 | 11.07 | 12,975.04 | 12.4 | 5.11 | |
| May | | | | | | |
| Jun | 18.03 | 11.59 | 13,207.49 | 12.4 | 5.63 | |
| Jul | 17.43 | 10.99 | 12,704.68 | 12.4 | 5.03 | |
| Aug | 17.67 | 11.23 | 12,874.31 | 12.4 | 5.27 | |
| Sep | 17.69 | 11.25 | 12,806.22 | 12.4 | 5.29 | |
| Oct | 18.08 | 11.64 | 12,733.16 | 12.4 | 5.68 | |
| Nov | 17.18 | 10.74 | 12,546.87 | 12.4 | 4.78 | |
| Dec | 17.46 | 11.02 | 11,981.44 | 12.4 | 5.06 | |
| 2026 | 271.10 | 11.02 | 11,501 | | 5.00 | |
| - | 45.42 | 0.00 | 44 000 60 | 42.5 | 4.62 | |
| Jan | 15.12 | 8.88 | 11,000.68 | 13.5 | 1.62 | |
| Feb | 14.99 | 8.75 | 11,116.35 | 13.5 | 1.49 | |
| Mar | 15.78 | 9.54 | 10,697.28 | 13.5 | 2.28 | |
| Apr | 16.70 | 10.46 | 12,608.57 | 13.5 | 3.20 | |
| May | 17.77 | 11.52 | 13,870.16 | 13.5 | 4.27 | |
| Jun | 18.31 | 12.07 | 14,118.65 | 13.5 | 4.81 | |
| Jul | 17.71 | 11.46 | 13,581.16 | 13.5 | 4.21 | |
| Aug | 17.95 | 11.70 | 13,762.48 | 13.5 | 4.45 | |
| Sep | 17.96 | 11.71 | 13,689.70 | 13.5 | 4.46 | |
| | | | | | | |
| Oct | 18.36 | 12.12 | 13,611.60 | 13.5 | 4.86 | |
| Nov | 17.45 | 11.21 | 13,412.45 | 13.5 | 3.95 | |
| Dec | 17.70 | 11.46 | 12,808.01 | 13.5 | 4.20 | |
| 2027 | | | | | | |
| Jan | 15.30 | 8.68 | 11,725.37 | | 14.35 | |
| Feb | 15.19 | 8.57 | 11,848.67 | | 14.35 | |
| Mar | 15.99 | 9.37 | 11,401.99 | | 14.35 | |
| Apr | 16.93 | 10.31 | 13,439.19 | | 14.35 | |
| | | | - | | | |
| May | 18.01 | 11.39 | 14,783.89 | | 14.35 | |
| Jun | 18.58 | 11.96 | 15,048.75 | | 14.35 | |
| Jul | 17.96 | 11.34 | 14,475.85 | | 14.35 | |
| Aug | 18.21 | 11.59 | 14,669.12 | | 14.35 | |
| Sep | 18.21 | 11.59 | 14,591.54 | | 14.35 | |
| Oct | 18.63 | 12.01 | 14,508.30 | | 14.35 | |
| Nov | 17.71 | 11.09 | 14,296.03 | | 14.35 | |
| Dec | 17.94 | 11.32 | 13,651.77 | | 14.35 | |
| - | 17.34 | 11.32 | 13,031.77 | | 14.55 | |
| 2028 | | | 40 | | | |
| Jan | 15.47 | 10.48 | 12,482.56 | | 15.28 | |
| | | | | | | |

| Feb | 15.37 | 10.38 | 12,613.81 | | 15.28 | | |
|-----|-------|-------|-----------|--|-------|--|--|
| Mar | 15.63 | 10.65 | 12,138.29 | | 15.28 | | |
| Apr | 17.15 | 12.16 | 14,307.04 | | 15.28 | | |
| May | 18.24 | 13.26 | 15,738.58 | | 15.28 | | |
| Jun | 18.84 | 13.85 | 16,020.54 | | 15.28 | | |
| Jul | 18.21 | 13.22 | 15,410.64 | | 15.28 | | |
| Aug | 18.45 | 13.47 | 15,616.40 | | 15.28 | | |
| Sep | 18.45 | 13.47 | 15,533.81 | | 15.28 | | |
| Oct | 18.88 | 13.89 | 15,445.19 | | 15.28 | | |
| Nov | 17.95 | 12.96 | 15,219.21 | | 15.28 | | |
| Dec | 18.16 | 13.18 | 14,533.35 | | 15.28 | | |

10 Year Monthly Data

| | Forecast | | | Contracted and For PSA Approval Demand and Energy | | Uncontracted Demand and Energy | |
|------|-----------------------------|----------------------------|--------------------------------|---|-----------------|--------------------------------|---------------------------|
| Year | Coincident Peak Demand (MW) | Off Peak Demand (MW) | Energy Requirement (MWh) | Demand (MW) | Energy (MWh) | Uncontracted Demand (MW) | Uncontracted Energy (MWh) |
| 2018 | | | | | | | |
| Jan | 13.57 | 10.97 | 6,085.35 | | 5,053.43 | | 1,031.92 |
| Feb | 13.20 | 10.26 | 6,149.34 | | 5,166.13 | | 983.21 |
| Mar | 13.94 | 10.81 | 5,917.51 | | 5,169.33 | | 748.18 |
| Apr | 14.68 | 12.00 | 6,974.80 | | 5,871.01 | | 1,103.79 |
| May | 15.55 | 12.72 | 7,672.69 | | 6,809.09 | | 863.60 |
| Jun | 15.86 | 12.91 | 7,810.14 | | 6,807.41 | | 1,002.73 |
| Jul | 15.56 | 11.94 | 7,512.81 | | 6,495.61 | | 1,017.21 |
| Aug | 15.42 | 11.85 | 7,613.12 | | 6,447.35 | | 1,165.77 |
| Sep | 15.31 | 12.15 | 7,572.86 | | 6,548.52 | | 1,024.34 |
| Oct | 15.55 | 12.28 | 7,529.66 | | 6,401.29 | | 1,128.36 |
| Nov | 15.05 | 11.69 | 7,419.49 | | 6,246.38 | | 1,173.11 |
| Dec | 15.37 | 11.70 | 7,085.13 | | 5,948.88 | | 1,136.25 |
| 2017 | | | | | | | |
| Jan | 10.59 | 7.59 | 3,249.18 | | 2,850.04 | | |
| Feb | 11.94 | 8.67 | 5,100.58 | | 5,050.97 | | 399.14 |
| Mar | 12.72 | 9.65 | 5,106.84 | | 4,453.17 | | 49.61 |
| Apr | 13.73 | 10.92 | 6,520.40 | | 4,466.86 | | 653.67 |
| May | 14.47 | 11.57 | 7,112.44 | | 5,481.72 | | 2,053.54 |
| Jun | 14.96 | 11.96 | 7,615.92 | | 4,143.05 | | 1,630.72 |
| Jul | 14.20 | 10.62 | 6,634.16 | | 5,971.50 | | 3,472.87 |
| Aug | 14.82 | 11.20 | 7,264.37 | | 6,715.44 | | 662.66 |
| Sep | 14.23 | 11.08 | 7,054.72 | | 6,320.13 | | 548.93 |
| Oct | 13.99 | 11.02 | 6,579.61 | | 5,599.19 | | 734.59 |
| Nov | 13.75 | 10.39 | 6,684.11 | | 5,629.78 | | 980.42 |
| Dec | 13.64 | 10.58 | 6,264.76 | | 5,034.73 | | 1,054.33 |
| 2016 | | | , | | , | | , |
| Jan | 12.00 | 11.13 | 5,546.77 | | 3,900.00 | | 1,646.77 |
| Feb | 11.98 | 8.14 | 5,073.13 | | 4,000.00 | | 1,073.13 |
| Mar | 12.55 | 9.33 | 5,438.72 | | 4,000.00 | | 1,438.72 |
| Apr | 13.41 | 10.12 | 6,322.36 | | 4,800.00 | | 1,522.36 |
| May | | | 6,883.13 | | 5,100.00 | | 1,783.13 |
| Jun | 14.35 | 10.72 | 7,041.10 | | 5,300.00 | | 1,741.10 |
| Jul | 13.94 | 10.35 | 6,231.50 | | 4,900.00 | | 1,331.50 |
| Aug | 13.97 | 9.83 | 6,562.27 | | 5,100.00 | | 1,462.27 |
| Sep | 14.04 | 10.47 | 6,885.62 | | 4,800.00 | | 2,085.62 |
| Oct | 13.48 | 9.91 | 6,088.20 | | 4,600.00 | | 1,488.20 |
| Nov | 12.69 | 9.57 | 5,971.53 | | 4,600.00 | | 1,371.53 |
| Dec | 13.16 | 9.64 | 5,754.52 | | 4,500.00 | | 1,254.52 |
| 2015 | | | , | | , | | , |
| Jan | 10.79 | 9.79 | 4,305.28 | | 3,840.70 | | 464.58 |
| Feb | 10.58 | 6.72 | 4,390.68 | | 4,000.00 | | 390.68 |
| Mar | 10.79 | 7.92 | 4,368.39 | | 3,900.00 | | 468.39 |
| Apr | 12.00 | 8.78 | 5,392.54 | | 3,900.00 | | 1,492.54 |
| May | 12.72 | 9.24 | 5,701.90 | | 4,900.00 | | 801.90 |
| Jun | 12.65 | 9.80 | 6,100.12 | | 5,100.00 | | 1,000.12 |
| Jul | 12.19 | 9.01 | 5,481.49 | | 4,900.00 | | 581.49 |
| | | | | | | 1 | |

| Aug 12.91 9.65 5.825.51 4.900.00 1.005.51 | | | | | | |
|--|------|-------|-------|---------------------------------------|------------|--------------|
| Oct 12.55 | Aug | 12.91 | 9.65 | 5,825.51 | 4,900.00 | 925.51 |
| Nov 12.44 | Sep | 12.58 | 9.15 | 5,805.13 | 4,800.00 | 1,005.13 |
| Dec 12.34 | Oct | 12.55 | 9.13 | 5,654.45 | 4,400.00 | 1,254.45 |
| Dec 12.34 | Nov | 12.44 | 9.16 | | 4.500.00 | 1.404.92 |
| 2014 | - | | | | . | |
| Han | - | | 0.02 | 3,011100 | 1,000100 | 51.1166 |
| Feb | | 11 75 | 11.00 | <i>I</i> 501 90 | 4 000 00 | 501.90 |
| Mar 10.82 7.61 4.279.73 3,600.00 679.73 Apr 11.75 8.64 5,319.26 4,950.00 369.26 May 12.55 9.47 5,872.77 5,000.00 872.77 Jun 13.29 9.44 6,276.12 4,900.00 1,376.12 Jul 12.21 8.52 3,681.41 4,900.00 3,681.41 Aug 9.05 6.62 2,978.89 2,911.08 67.81 Sep 11.11 8.12 4,693.85 4,369.56 324.29 Oct 11.60 8.85 4,972.9 4,300.00 647.29 Nov 11.22 7.70 5,095.97 4,150.00 945.97 Dec 11.21 7.90 4,562.93 4,100.00 462.93 2013 Jan 10.15 8.93 4,452.92 3,800.00 652.92 Feb 8.42 7.30 4,347.83 3,600.00 747.83 Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 714.56 Jul 11.99 8.57 5,564.56 4,850.00 714.55 Jul 11.99 8.57 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,000.00 839.91 Oct 11.68 8.04 5,090.12 4,000.00 839.91 Oct 11.68 8.04 5,090.12 4,000.00 839.91 Dec 11.58 8.71 4,931.11 3,900.00 879.11 Oct 11.68 8.04 5,090.12 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 973.59 Aug 11.49 7.86 5,723.59 4,300.00 973.59 Aug 11.03 7.63 4,757.90 4,100.00 993.52 Jul 11.99 8.20 5,155.28 4,100.00 973.59 Aug 11.03 7.63 4,757.90 4,150.00 973.59 Aug 11.04 7.66 4,766.88 3,900.00 973.59 Aug 11.05 7.60 4,884.39 3,950.00 973.59 Aug 10.66 7.71 4,552.37 4,552.37 - | | | | | . | |
| Apr 11.75 | - | | | | . | |
| May 12.55 9.47 5.872.77 5.000.00 872.77 | | | | | | |
| Jun 13.29 | | | | | . | |
| Jul 12.21 8.52 3,681.41 4,900.00 3,681.41 Aug 9.05 6.62 2,978.89 2,911.08 67.81 Sep 11.11 8.12 4,693.85 4,369.56 324.29 Oct 11.60 8.85 4,947.29 4,300.00 647.29 Nov 11.22 7.70 5,095.97 4,150.00 945.97 Dec 11.21 7.90 4,662.93 4,100.00 462.93 Jan 10.15 8.93 4,452.92 3,800.00 652.92 Feb 8.42 7.30 4,347.83 3,600.00 747.83 Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 714.56 Jul 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.99 8.32 4,934.70 4,350.00 839.99 Oct 11.68 8.04 5,990.12 4,100.00 839.99 Oct 11.68 8.04 5,990.12 4,100.00 839.99 Oct 11.68 8.04 5,990.12 4,100.00 897.91 Dec 11.58 8.71 4,933.11 3,900.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 749.15 Feb 6.58 4.34 3,875.30 3,800.00 749.20 Oct 11.50 7.63 4,759.90 4,150.00 749.20 Oct 11.50 7.63 4,759.90 4,150.00 749.20 Oct 11.50 7.69 4,704.20 3,800.00 749.20 Oct 11.50 7.69 4,704.20 3,805.00 749 | | | | | . | ł |
| Aug 9.05 6.62 2,978.89 2,911.08 67.81 | | | | | . | |
| Sep | | | | | · ' | |
| Oct 11.60 8.85 4,947.29 4,300.00 647.29 Nov 11.22 7.70 5,095.97 4,150.00 945.97 Dec 11.21 7.90 4,562.93 4,100.00 462.93 2013 3n 10.15 8.93 4,452.92 3,800.00 747.83 Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 744.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 897.91 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 | | | | | | |
| Nov 11.22 | Sep | | | | | |
| Dec 11.21 7.90 4,562.93 4,100.00 462.93 Jan 10.15 8.93 4,452.92 3,800.00 652.92 Feb 8.42 7.30 4,347.83 3,600.00 747.83 Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 714.56 Jul 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 741.56 Mar 10.36 6.94 4,290.24 3,450.00 742.67 Mar 11.59 8.20 5,155.28 4,100.00 904.20 May 11.59 8.20 5,155.28 4,100.00 904.20 May 11.68 8.26 5,273.59 4,300.00 904.20 May 11.03 7.63 4,757.90 4,150.00 975.28 Jul 11.68 8.26 5,273.59 4,300.00 904.20 Sep 11.08 7.62 4,898.11 4,100.00 975.51 Jan 6.80 6.35 4,051.36 4,051.36 -1 Dec 11.51 7.57 4,690.29 3,950.00 934.39 Dec 11.51 7.57 4,690.29 3,950.00 934.39 Dec 11.51 7.57 4,690.29 3,950.00 934.39 Dec 11.01 7.28 4,757.90 4,150.71 -1 Jan 6.80 6.35 4,051.36 4,051.36 -1 Apr 10.17 6.79 4,150.71 4,150.71 -1 Jan 10.99 7.56 4,788.23 4,982.37 -2 Jul 11.01 7.28 4,572.77 4,572.77 -1 Aug 10.66 7.31 4,435.32 4,435.32 -1 Jul 10.00 7.29 4,488.61 4,408.62 -1 | Oct | | | 4,947.29 | 4,300.00 | 647.29 |
| Dec | Nov | 11.22 | 7.70 | 5,095.97 | | 945.97 |
| Jan 10.15 8.93 4,452.92 3,800.00 652.92 Feb 8.42 7.30 4,347.83 3,600.00 747.83 Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.77 5,239.99 4,400.00 8339.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 | Dec | 11.21 | 7.90 | 4,562.93 | 4,100.00 | 462.93 |
| Feb 8.42 7.30 4,347.83 3,600.00 747.83 Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.93 8.32 4,934.70 4,350.00 947.07 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 <t< td=""><td>2013</td><td></td><td></td><td></td><td></td><td></td></t<> | 2013 | | | | | |
| Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 833.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 887.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 | Jan | 10.15 | 8.93 | 4,452.92 | 3,800.00 | 652.92 |
| Mar 11.70 8.21 4,338.90 3,550.00 788.90 Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 833.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 887.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 | Feb | 8.42 | 7.30 | 4,347.83 | 3,600.00 | 747.83 |
| Apr 12.50 8.84 5,543.57 4,000.00 1,543.57 May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 734.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 80.24 Apr 11.15 7.69 < | Mar | 11.70 | | | 3,550.00 | |
| May 12.31 8.87 5,670.25 4,550.00 1,120.25 Jun 11.99 8.57 5,564.56 4,850.00 714.56 Jul 11.93 8.32 4,934.70 4,350.00 584.70 Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.58 8.26 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | |
| Jun 11.99 | - | | | | | · |
| Jul | • | | | | 1 | |
| Aug 11.49 7.86 5,147.07 4,200.00 947.07 Sep 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 721.67 Mar 10.36 6.94 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<> | | | | | | |
| Sep 11.79 8.27 5,239.99 4,400.00 839.99 Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 — — — — Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 | | | | | | |
| Oct 11.68 8.04 5,090.12 4,100.00 990.12 Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 3an 10.96 10.15 4,394.15 3,600.00 721.67 Mar 10.36 6.94 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 <t< td=""><td></td><td></td><td></td><td></td><td>,</td><td></td></t<> | | | | | , | |
| Nov 11.49 7.85 4,997.91 4,100.00 897.91 Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 | | | | | | |
| Dec 11.58 8.71 4,931.11 3,900.00 1,031.11 2012 Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 778.81 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 <td< td=""><td>-</td><td></td><td></td><td></td><td></td><td></td></td<> | - | | | | | |
| Day Day | - | | | | | |
| Jan 10.96 10.15 4,394.15 3,600.00 794.15 Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4 | | 11.58 | 8./1 | 4,931.11 | 3,900.00 | 1,031.11 |
| Feb 10.06 6.74 4,221.67 3,500.00 721.67 Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 | 2012 | | | | | |
| Mar 10.36 6.94 4,290.24 3,450.00 840.24 Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - - Apr 10.17 6.79 | | | | | | |
| Apr 11.15 7.69 4,704.20 3,800.00 904.20 May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.7 | - | | | | . | ł |
| May 11.59 8.20 5,155.28 4,100.00 1,055.28 Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - - Mar 9.74 6.25 3,686.72 3,686.72 - - Apr 10.17 6.79 4,150.71 4,150.71 - - May 10.64 | Mar | 10.36 | 6.94 | 4,290.24 | 3,450.00 | 840.24 |
| Jun 11.68 8.26 5,273.59 4,300.00 973.59 Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 4,150.71 - May 10.64 7.61 4,552.37 4,552.37 - Jul 11.01 7.28 4,572.77 4,572 | Apr | 11.15 | 7.69 | 4,704.20 | 3,800.00 | |
| Jul 11.41 7.80 4,655.98 4,100.00 555.98 Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - - Mar 9.74 6.25 3,686.72 3,686.72 - - Apr 10.17 6.79 4,150.71 4,150.71 - - May 10.64 7.61 4,552.37 4,552.37 - - Jul 11.01 7.28 4,572.77 4,572.77 - - Aug <td>May</td> <td>11.59</td> <td>8.20</td> <td>5,155.28</td> <td>4,100.00</td> <td>1,055.28</td> | May | 11.59 | 8.20 | 5,155.28 | 4,100.00 | 1,055.28 |
| Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - - Mar 9.74 6.25 3,686.72 3,686.72 - - Apr 10.17 6.79 4,150.71 4,150.71 - - May 10.64 7.61 4,552.37 4,552.37 - - Jul 10.01 7.28 4,572.77 4,572.77 - - Aug 10.66 7.31 4,435.32 4,435.32 - - | Jun | 11.68 | 8.26 | 5,273.59 | 4,300.00 | 973.59 |
| Aug 11.03 7.63 4,757.90 4,150.00 607.90 Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - - Mar 9.74 6.25 3,686.72 3,686.72 - - Apr 10.17 6.79 4,150.71 4,150.71 - - May 10.64 7.61 4,552.37 4,552.37 - - Jul 10.01 7.28 4,572.77 4,572.77 - - Aug 10.66 7.31 4,435.32 4,435.32 - - | Jul | 11.41 | 7.80 | 4,655.98 | 4,100.00 | 555.98 |
| Sep 11.08 7.92 4,898.11 4,100.00 798.11 Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 | | | | | | |
| Oct 10.90 7.78 4,676.68 3,900.00 776.68 Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - - Mar 9.74 6.25 3,686.72 3,686.72 - - Apr 10.17 6.79 4,150.71 4,150.71 - - May 10.64 7.61 4,552.37 4,552.37 - - Jul 10.99 7.56 4,798.23 4,798.23 - - Jul 11.01 7.28 4,572.77 4,572.77 - - Aug 10.66 7.31 4,435.32 4,435.32 - - Sep 10.91 7.60 4,823.48 4,823.48 - - </td <td></td> <td></td> <td></td> <td>· · · · · · · · · · · · · · · · · · ·</td> <td>· '</td> <td></td> | | | | · · · · · · · · · · · · · · · · · · · | · ' | |
| Nov 11.08 7.60 4,884.39 3,950.00 934.39 Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 - - May 10.64 7.61 4,552.37 4,552.37 - Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | 4,676.68 | + ' | ł |
| Dec 11.51 7.57 4,609.29 3,950.00 659.29 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 4,150.71 - May 10.64 7.61 4,552.37 4,552.37 - Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | | |
| 2011 Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 4,150.71 - May 10.64 7.61 4,552.37 4,552.37 - Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | | |
| Jan 6.80 6.35 4,051.36 4,051.36 - Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 - - May 10.64 7.61 4,552.37 - - Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | ,::::: | 2,222:00 | 333.23 |
| Feb 6.58 4.34 3,875.30 3,875.30 - Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 4,150.71 - May 10.64 7.61 4,552.37 4,552.37 - Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | 6 80 | 6 35 | 4 051 36 | 4 051 36 | _ |
| Mar 9.74 6.25 3,686.72 3,686.72 - Apr 10.17 6.79 4,150.71 - - May 10.64 7.61 4,552.37 - - Jun 10.99 7.56 4,798.23 - - Jul 11.01 7.28 4,572.77 - - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | | |
| Apr 10.17 6.79 4,150.71 4,150.71 - May 10.64 7.61 4,552.37 - - Jun 10.99 7.56 4,798.23 - - Jul 11.01 7.28 4,572.77 - - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | - | | | | | - |
| May 10.64 7.61 4,552.37 4,552.37 - Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | · ' | - |
| Jun 10.99 7.56 4,798.23 4,798.23 - Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | | - |
| Jul 11.01 7.28 4,572.77 4,572.77 - Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | | - |
| Aug 10.66 7.31 4,435.32 4,435.32 - Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | - | | | | | - |
| Sep 10.91 7.60 4,823.48 4,823.48 - Oct 10.39 7.29 4,408.62 4,408.62 - | - | | | | | - |
| Oct 10.39 7.29 4,408.62 4,408.62 - | | | | | | - |
| | | | | | , | - |
| Nov 10.66 7.11 4,652.02 4,652.02 - | Oct | 10.39 | 7.29 | 4,408.62 | 4,408.62 | - |
| | Nov | 10.66 | 7.11 | 4,652.02 | 4,652.02 | - |

| Dec | 10.61 | 6.76 | 4,375.86 | 4,375.86 | - |
|------|-------|------|----------|----------|---|
| 2010 | | | | | |
| Jan | 9.74 | 8.99 | 3,798.80 | 3,798.80 | - |
| Feb | 9.32 | 5.98 | 3,764.14 | 3,764.14 | - |
| Mar | 9.60 | 7.50 | 3,687.34 | 3,687.34 | - |
| Apr | 10.17 | 6.91 | 4,032.22 | 4,032.22 | - |
| May | 10.84 | 7.67 | 4,745.06 | 4,745.06 | - |
| Jun | 11.19 | 7.94 | 5,112.49 | 5,112.49 | - |
| Jul | 10.84 | 7.30 | 4,357.17 | 4,357.17 | - |
| Aug | 10.42 | 7.14 | 4,599.15 | 4,599.15 | - |
| Sep | 10.59 | 7.21 | 4,680.16 | 4,680.16 | - |
| Oct | 10.32 | 6.96 | 4,422.05 | 4,422.05 | - |
| Nov | 10.29 | 6.58 | 4,415.57 | 4,415.57 | - |
| Dec | 10.46 | 7.04 | 4,277.63 | 4,277.63 | - |
| 2009 | | | | | |
| Jan | 8.50 | 9.27 | 3,373.65 | 3,373.65 | - |
| Feb | 8.90 | 5.41 | 3,576.94 | 3,576.94 | - |
| Mar | 9.42 | 5.81 | 3,557.71 | 3,557.71 | - |
| Apr | 9.65 | 6.36 | 4,149.04 | 4,149.04 | - |
| May | 9.32 | 6.08 | 3,873.28 | 3,873.28 | - |
| Jun | 9.54 | 6.09 | 4,081.60 | 4,081.60 | - |
| Jul | 9.53 | 6.13 | 4,001.76 | 4,001.76 | - |
| Aug | 9.27 | 6.11 | 4,051.85 | 4,051.85 | - |
| Sep | 9.36 | 6.12 | 4,198.22 | 4,198.22 | - |
| Oct | 9.14 | 5.66 | 3,737.46 | 3,737.46 | - |
| Nov | 9.14 | 6.19 | 3,922.81 | 3,922.81 | - |
| Dec | 9.38 | 6.59 | 3,380.47 | 3,380.47 | - |