

NON-CONFIDENTIAL

Request IR-1:

Reference Report p. 7: “As with any forecast, there is a degree of uncertainty around actual future outcomes. In electricity forecasting, much of this uncertainty is due to the impact of variations in weather, energy efficiency program effectiveness, the health of the economy, government policy, the impact of electrification, changes in large customer loads, the number of electric appliances and end-use equipment installed, and changes in technology;” and the application of a general warming trend to annual HDD, CDD and peak period minimum temperature variables (p. 82).

(a) Please confirm that Appendix D includes the only scenario analysis or sensitivity analysis to these uncertainties performed by NS Power. If not confirmed, provide workpapers showing the assumptions and results.

(b) Please explain why Appendix D does not include any scenario or sensitivity analysis examining sensitivity to future changes in the general warming trend (i.e., a more pronounced trend in HDD, CDD and peak period minimum temperature).

(c) Please explain why Figure 53 does not identify the general warming trend as one of the forecast components affecting the difference in energy load between 2022 and 2032.

(d) If possible, please provide versions of Figure 53 for both energy and peak demand that includes the impact of the general warming trend.

Response IR-1:

(a) Confirmed. Weather (normal) and economics are the only uncertainties considered in Appendix D scenario analysis using Monte Carlo simulations.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

- 1 (b) Historical signal around the mean is not significant enough for scenario analysis.
2 Conceptually some of the uncertainty is already captured in the 20-year monthly averages
3 used for normal weather. It is expected that within a 10-year scope, seasonal uncertainties
4 are larger than those imposed by warming trends.
5
6 (c-d) The warming trend is included in the “Model” variable, it is not added after the fact like
7 the other variables in Figure 53.

NON-CONFIDENTIAL

Request IR-2:

Reference Report p. 10: “Produced in the winter of 2021-2022 and using information available at the time, this forecast covers the period of 2022-2032.”

(a) Please clarify when the 2021 load forecasts were finalized.

(b) For the major sources of information (economic inputs, load history, etc.) please clarify the date of the “information available at the time” and used in the forecasts.

(c) With respect to economic variable data obtained from the “Conference Board of Canada’s Economic Outlook,” please provide the most recent available economic data in electronic form.

Response IR-2:

(a) The CA has clarified that this question should reference the 2022 load forecast and not the 2021 load forecast. The 2022 load forecast models were largely completed in March 2022 and finalized in April 2022.

(b) Economic inputs are based on Conference Board of Canada’s five-year forecast from February 2022 (up to 2026) combined with the year-over-year changes from their 20- year forecast (for the years 2027-2032) released in January 2022. Load history and weather history up to the end of 2021 was available in January 2022. Solar data up to the end of 2021 was available in January 2022. Large customer surveys were completed by February 2022. EIA data was available in July of 2021.

(c) Please refer to NSUARB IR-3 Attachment 1.

NON-CONFIDENTIAL

Request IR-3:

Reference Report p. 26: “A population weighted approach has been selected ... as geographic load data was not available.”

(a) Please describe and provide any geographic disaggregation of load data that NS Power has available, such as by transmission zone or substations.

(b) If NS Power does not have load data by transmission zone, please explain how NS Power determines load flows in transmission planning.

(c) Please discuss NS Power’s plan to develop geographic load data (e.g., by feeder) in the foreseeable future.

Response IR-3:

(a-c) Although load flows are used in transmission planning, they have not been evaluated as possible inputs for use in the load forecast. The billing data presently used in the forecast represents 1 to 2 months of consumption, which would introduce further uncertainty if it were disaggregated into smaller regional entities. The Company is reviewing how to integrate AMI data in order to provide more granular analysis.

NON-CONFIDENTIAL

Request IR-4:

Reference Report pp. 43-44: “The management of charging in this scenario was based on minimizing the cost of electricity to charge with the electric rates referenced being the existing time of use tariffs that are currently in the pilot stage, coupled with vehicle-grid integration to smooth large spikes in charging that would occur during switches from peak to off-peak periods.”

(a) Please explain why E3 expects that managed charging will achieve a reduction of only 0.4 kW/vehicle below the unmanaged charging on-peak demand of 1.3 kW/vehicle. In your response, please provide all assumptions relied upon by E3 to reach this conclusion (e.g., system peak time) and confirm that these assumptions are substantially unchanged based on the updated load forecast and any available class load shape data or forecasts.

(b) Please provide NS Power’s current opinion regarding the impact of temperature, cloud cover, snow cover, precipitation and wind speed on EV loads.

(c) Please state whether NS Power has reviewed traffic data related to peak load periods, for example resulting from business or institutional closures on the day prior to a peak load event, to determine whether charging demand may be different during peak load events.

Response IR-4:

(a) The 1.3 kW/vehicle (compared to E3’s estimate of 0.9 kW/vehicle for the managed plus unmanaged peak used in the forecast) was the previous estimate for unmanaged charging peak. E3 provides an unmanaged peak estimate for LDV’s of 1.5 kW/vehicle based on a coincident peak time of a weekday evening in January at hour ending 1800, so the difference between the E3 models would be 0.6 kW/vehicle. Not all of the charging will

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

1 be shifted off-peak in the forecast scenario, 30 percent of the vehicles remain unmanaged
2 and some of those that are managed may still require charging at peak times.
3

4 (b) No analysis has been done on all the variables mentioned, but temperature is known to
5 have an impact of EV loads as the passenger heating and cooling loads require additional
6 electricity, and temperatures impact the efficiency of batteries. E3 includes a seasonal
7 impact in their model through driving patterns and efficiencies.
8

9 (c) NS Power has not reviewed traffic data related to system peak periods.

NON-CONFIDENTIAL

Request IR-5:

Reference Report pp. 57-58 regarding the DSM adjustments, please provide workpapers in electronic format with working formulas and the source of all data and assumptions fully documented demonstrating:

(a) Calculation of the DSM adjustment coefficients.

(b) Application of the DSM adjustment coefficients as shown in Figure 36.

Response IR-5:

(a) As described in section 4.6 of the Report, the coefficients are determined by the regression models. The inputs and outputs of the residential model is provided in 2022 Load Forecast Report Attachment 5 Residential Model, filed electronically, with the resulting coefficient in Appendix B on page 2 (MSales.AvgEESavingsProfiled = -0.512). The commercial and industrial model inputs, outputs and coefficient are provided in Synapse IR-16 Attachment 1 (MSales.EESavingsProfiled= -0.38).

(b) Please refer to Synapse IR-15 Attachment 1 for details regarding Figure 36 . In preparing this response NS Power identified that there was an inadvertent error when producing Figure 36 as the values in the last column used the wrong adjustment factor. The error in the figure only, not in the model. The corrected figure is set out below.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

1 REVISED Figure 36: Annual Forecast DSM Savings (incremental)
2

Year	Forecast Residential DSM savings (GWh)	Forecast Commercial and Industrial DSM savings (GWh)	DSM captured by Residential end use forecast (GWh)	DSM captured by Comm/Ind end use forecast (GWh)	DSM Adjustment for Residential with Coefficient (GWh)	DSM Adjustment for Comm/Ind with Coefficient (GWh)
2022	55.5	71.6	27.1	35.0	28.4	27.2
2023	69.3	51.4	33.8	25.1	35.5	19.5
2024	60.9	81.7	29.7	39.9	31.2	31.0
2025	65.6	83.9	32.0	40.9	33.6	31.9
2026	69.6	66.7	34.0	32.5	35.7	25.3
2027	71.6	65.5	34.9	32.0	36.6	24.9
2028	73.0	74.0	35.6	36.1	37.4	28.1
2029	73.7	61.4	35.9	30.0	37.7	23.3
2030	73.3	60.0	35.8	29.3	37.5	22.8
2031	74.1	56.5	36.2	27.6	37.9	21.5
2032	73.2	55.0	35.7	26.9	37.5	20.9

NON-CONFIDENTIAL

Request IR-6:

Reference 2022 Load Forecast Report Appendix B Page 6 of 32, “Residential Load – Post Regression (GWh)” table.

(a) Please confirm that the “DSM captured by end uses” column is the “Total Res DSM” column, minus the “Res DSM Adjustment” column.

(b) Please list the parameters in the end use computation that could “capture DSM”.

(c) Please provide a specific example of the manner in which the end use inputs or parameters could have captured the 2022 DSM attributed to the end uses. For example, how much did the heating variable change due to Efficiency and Shell Integrity from the historical period to 2022, and how much does that reduce the regression result for 2022?

Response IR-6:

(a) Confirmed.

(b-c) The forecast is a regression model based on sales which include past DSM activity, and past DSM also has an influence on other inputs to the load forecast such as price, end use appliance efficiency and even the economic variables. NS Power does not have historic appliance level or building shell level DSM data, only annually reported savings at the class level. The treatment of DSM in the forecast is outlined in section 4.6 of the Report.

NON-CONFIDENTIAL

Request IR-7:

Reference Appendix B, p. 32: “Although it was not possible to produce a peak model with an explicit DSM variable ...”

(a) Please confirm this refers to the DSM adjustment coefficients (pp. 57-58). If not confirmed, please explain.

(b) Please explain what is meant by “as the associated parameters are insignificant.” In your explanation, please provide all supporting analyses with workpapers in excel including all calculations, with source data identified and assumptions justified.

(c) Please explain how the impact on varying levels of DSM is reflected in the peak model, if the peak model fit analysis does not require DSM levels as an input variable.

Response IR-7:

(a) Confirmed.

(b) With DSM added as a coefficient, the regression model does not see it as reducing load over time but reallocates the other coefficients (they are all reduced slightly) such that DSM is seen as increasing peak load over time. The DSM variable would need to be assigned a negative coefficient by the regression model (like it is in the residential model) for it to be considered “significant” in the model, as DSM should reduce peak over time. The resulting coefficients with the DSM variable added are as follows:

Variable	Coefficient	StdErr	T-Stat	P-Value
mVarsNew.Cool_Var	0.830	0.399	2.078	4.02%
mVarsNew.Heat_Var	1.375	0.104	13.276	0.00%

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

mVarsNew.Jan_Other	1.290	0.093	13.799	0.00%
mVarsNew.Feb_Other	1.236	0.101	12.266	0.00%
mVarsNew.Mar_Other	1.377	0.084	16.369	0.00%
mVarsNew.Apr_Other	1.570	0.047	33.165	0.00%
mVarsNew.May_Other	1.543	0.035	43.547	0.00%
mVarsNew.Jun_Other	1.622	0.031	52.206	0.00%
mVarsNew.Jul_Other	1.639	0.047	34.787	0.00%
mVarsNew.Aug_Other	1.511	0.053	28.496	0.00%
mVarsNew.Sep_Other	1.466	0.029	50.539	0.00%
mVarsNew.Oct_Other	1.538	0.033	47.316	0.00%
mVarsNew.Nov_Other	1.730	0.052	33.144	0.00%
mVarsNew.Dec_Other	1.646	0.084	19.662	0.00%
mBin.Year20Plus	18.079	14.773	1.224	22.38%
AnnualSavings.DSMDemSavings	0.290	0.101	2.866	0.50%

The model statistics are as follows:

Model Statistics	
Iterations	1
Adjusted Observations	120
Deg. of Freedom for Error	104
R-Squared	0.976
Adjusted R-Squared	0.973
AIC	7.870301
BIC	8.241966
F-Statistic	#NA
Prob (F-Statistic)	#NA
Log-Likelihood	-626.49066
Model Sum of Squares	9,931,770.617
Sum of Squared Errors	240,656.468
Mean Squared Error	2,314.00450
Std. Error of Regression	48.10410
Mean Abs. Dev. (MAD)	35.70558

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

Model Statistics	
Mean Abs. % Err. (MAPE)	2.69%
Durbin-Watson Statistic	1.831
Durbin-H Statistic	#NA
Ljung-Box Statistic	29.57
Prob (Ljung-Box)	0.1994
Skewness	0.428
Kurtosis	2.925
Jarque-Bera	3.685
Prob (Jarque-Bera)	0.1584

- 1
- 2 (c) DSM amounts have been consistent over the historic period in the model, around 27 MW
- 3 per year, with a low of 21 MW in 2020 and a high of 34 MW in 2013 and were consistent
- 4 with the energy DSM savings. Since the assumption of the model is that the DSM included
- 5 in the underlying energy model is passed to the peak model, if the peak DSM amounts were
- 6 consistent with the energy amounts then the model should work as intended.

NON-CONFIDENTIAL

Request IR-8:

Reference Report p. 59: “The non-weather variance in 2021 is mainly related to an increase in people working from home due to the COVID-19 pandemic and a higher number of new customers compared to forecast.” Also p. 60, “new customers will add to sales.”

(a) Please provide any analysis or information that NS Power is aware of suggesting that the higher number of new customers may relate to pandemic-driven migration patterns. Please also elaborate on related discussion found on p. 61.

(b) Does NS Power have reasons to expect that its residential model may continue to under forecast new residential customers for the next several years?

(c) Please explain how NS Power’s model takes into consideration the likelihood that new customers drive up new construction which is more efficient than the average residential property.

(d) Please explain how the forecast increase in population and customers is reflected in the commercial (General Service) models.

Response IR-8:

(a) NS Power does not have an analysis correlating the number of new customers with the pandemic. As shown in Figure 16 of the Report, the population of Nova Scotia started increasing in 2016, and the year over year growth actually dropped slightly in 2020 and 2021.

(b) No. Both provincial and municipal governments have discussed targets related to affordable housing and population growth, but no concrete policies or programs have been

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

1 initiated to date that would indicate a large variation from the present housing completion
2 forecast provided by the Conference Board of Canada.

3
4 (c) New customer load is estimated separately from overall average use based on billing
5 analysis of new dwellings from 2018. These estimates incorporate the fact that most new
6 homes are electrically heated as well as the fact that they have more efficient building shells
7 than the overall average. New customers in the forecast period also use the structural index
8 to account for the fact that they will continue to be built to higher efficiencies.

9
10 (d) Population is not taken into account explicitly in the model; however, the economic
11 variables of non-manufacturing GDP and non-manufacturing employment are assumed to
12 incorporate overall changes in population in the province.

NON-CONFIDENTIAL

Request IR-9:

Reference Report p. 59: “The COVID-19 impact to the Residential forecast is approximately +100 GWh in 2022 ...”

(a) Does “impact” refer to an estimated change in demand determined in an analysis, or to the magnitude of the COVID-19 variable applied to the forecast?

(b) Please provide any quantitative or qualitative analysis of the impact of any factors closely related to the COVID-19 pandemic on demand for any class or the system as a whole.

(c) Is NS Power conducting or does it plan to conduct any further analyses of the impact of the COVID-19 pandemic on demand?

Response IR-9:

(a) Impact refers to the load associated with the COVID-19 variable in the forecast.

(b) No such analysis was completed as part of the 2022 forecast.

(c) No.

NON-CONFIDENTIAL

Request IR-10:

Reference Report p. 71: “Sales in this class have been flat for the last 10 years and are expected to grow at 0.7 percent annually over the forecast period due to underlying economic growth.”

(a) Identify the source and date of the economic forecast on which this statement is based.

(b) Provide the latest available version of the economic forecast.

(c) Please compare historical (flat) sales over the last 10 years to relevant underlying economic metrics over the same time period.

(d) Please explain what economic drivers are resulting in the forecast change from flat load to growth and why NS Power has confidence that those drivers will not be balanced out by other factors.

(e) Has the Company re-run its load forecasting models since producing this forecast, using updated economic inputs and any other inputs that can be updated? If so, provide the updated forecasts.

Response IR-10:

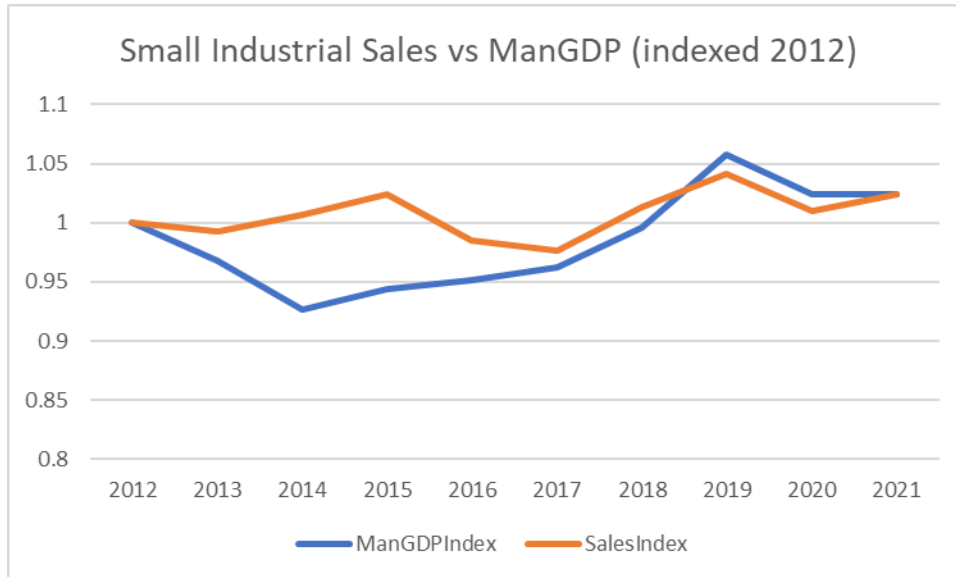
(a) The econometric forecast for the small industrial class uses manufacturing GDP as the economic driver as provided by the Conference Board of Canada in their February 5-year forecast plus their 20-year forecast produced in January for the years beyond 2026.

(b) Please refer to Figure 19 of the Report for the data series. The series is based on the Conference Board of Canada’s February 5-year forecast plus their 20-year forecast produced in January for the years beyond 2026.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

1 (c) The comparison of sales to manufacturing GDP is shown in the following figure:



5 (d) As described in the Report and part (a), the small industrial forecast is an econometric
6 forecast with manufacturing GDP as the economic driver, and, as shown in part (c), the
7 historic sales trend generally follows that variable. NS Power has no reason to anticipate a
8 material change within the timeframe of the load forecast.

9
10 (e) No.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

REDACTED

Request IR-11:

With reference to the Report pp. 73-74: “One customer makes up over [redacted] of sales within this class, and after a drop in sales in 2019 and 2020 operations started to return to historic levels in 2021 ...”

(a) Please provide the amount of sales added by this customer in 2021.

(b) Please provide a year-over-year comparison for this customer’s sales for January-May of 2022.

Response IR-11:

(a) The difference in sales between 2021 and 2020 was [REDACTED]

(b) Mid-year calculations are not part of the annual load forecast report; however, the difference in sales for the Jan – May period between 2022 and 2021 was [REDACTED]

NON-CONFIDENTIAL

1 **Request IR-12:**

2
3 **Reference report p. 83 regarding the January 2022 peak, please provide monthly energy and**
4 **peak demand data for January – May 2022 in spreadsheet format.**

5
6 Response IR-12:

7
8 Mid-year calculations are not part of the annual load forecast report; however, the monthly energy
9 and peak demand data for January to May 2022 is provided in Attachment 1.

	Jan	Feb	Mar	Apr	May
Net System Requirement (GWh)	1,242	1,096	1,091	913	836
System Peak (MW)	2,216	2,112	2,024	1,720	1,422

NON-CONFIDENTIAL

Request IR-13:

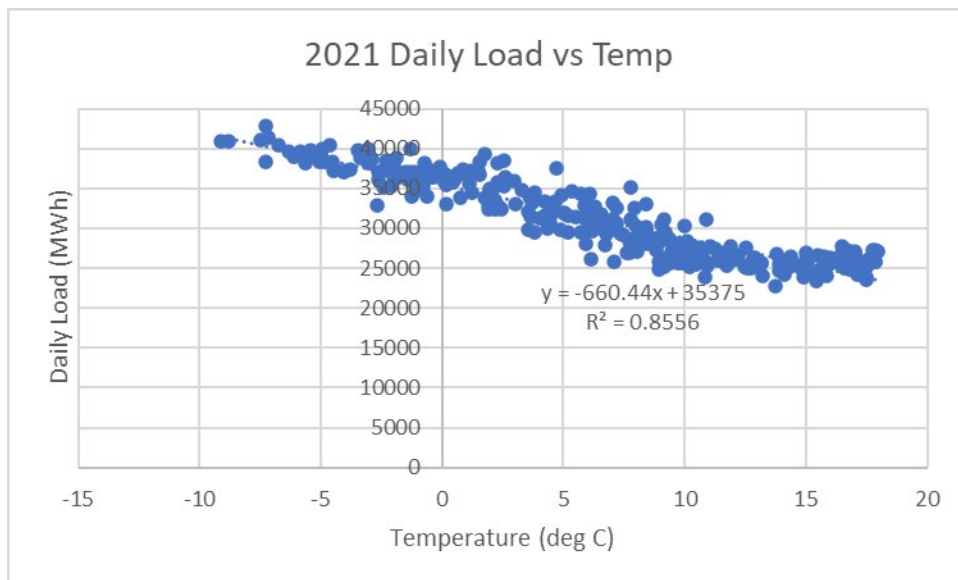
Reference NS Power's 2021 Rebuttal Evidence (M10109), p. 10, where NS Power acknowledges the CA's comment that "Data on weather circumstances other than temperature is also available," but does not appear to respond to this comment, Exhibit N-2, NS Power response to CA IR-7(c-5), "Although other weather conditions have been examined in the past, temperature is the only weather condition used in the forecast as it is the predominant driver of load," and the application of a general warming trend to annual HDD, CDD, and peak period minimum temperature variables (p. 82).

- (a) Please provide all analyses or studies that support the statement that "temperature is the only weather condition used in the forecast as it is the predominant driver of load."
- (b) Please identify what wind speed data variables are available from Environment Canada and whether NS Power views each of those variables as subjective or objective.
- (c) Please identify what precipitation data variables are available from Environment Canada and whether NS Power views each of those variables as subjective or objective.
- (d) Please identify what cloud cover data variables are available from Environment Canada and whether NS Power views each of those variables as subjective or objective.
- (e) Please identify what snow cover data variables are available from Environment Canada and whether NS Power views each of those variables as subjective or objective.
- (f) Please provide any other available data regarding general trends in cloud cover, snow cover, precipitation and wind speed.
- (g) Please provide NS Power's best estimate (quantitative or qualitative) as to the impact of cloud cover, snow cover, precipitation, and wind speed on loads, including peak loads.

NON-CONFIDENTIAL

Response IR-13:

- (a) The figure below shows daily load vs daily average temperatures for days with an average temperature below 18 degrees Celsius. The R squared value of the trendline (0.8556) indicates that 85.6 percent of the variance in load is explained by the temperature variable.



- (b-f) The variables provided by Environment Canada are listed in the figure below which also provides NS Power's view on whether the variable is subjective or objective:

Variable	Unit	Populated?	Frequency	Type
Temperature	Degrees Celsius	Yes	Hourly	Objective
Dew point	Degrees Celsius	Yes	Hourly	Objective
Relative Humidity	Percentage	Yes	Hourly	Objective
Precipitation	mm	Sometimes	Hourly	Objective
Wind direction	Degrees	Yes	Hourly	Objective
Wind speed	km/h	Yes	Hourly	Objective
Visibility	km	Sometimes	Hourly	Objective

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

Variable	Unit	Populated?	Frequency	Type
Station pressure	kPa	Yes	Hourly	Objective
Humidex	N/A	Sometimes	Hourly	Objective
Windchill	N/A	Sometimes	Hourly	Objective
Weather	N/A	Sometimes	Hourly	Subjective
Max Temp	Degrees Celsius	Yes	Daily	Objective
Min Temp	Degrees Celsius	Yes	Daily	Objective
Mean Temp	Degrees Celsius	Yes	Daily	Objective
HDD	N/A	Yes	Daily	Objective
CDD	N/A	Yes	Daily	Objective
Total Rain	mm	Sometimes	Daily	Objective
Total Snow	cm	Sometimes	Daily	Objective
Total Precipitation	mm	Sometimes	Daily	Objective
Snow on ground	cm	Sometimes	Daily	Objective
Direction of max gusts	Degrees	Sometimes	Daily	Objective
Speed of max gusts	km/h	Sometimes	Daily	Objective

- 1
- 2 (g) NS Power did not perform this analysis as part of the load forecast. One or more of the
- 3 factors listed may have an impact on loads, but as described in the report temperature (and
- 4 likely lagged temperature) is the predominant driver, so the impact of other factors may
- 5 not be statistically significant when combined with temperature.

NON-CONFIDENTIAL

Request IR-14:

Reference Report p. 86 Figure 60 “Weather-Normalized Firm Peak.” For items a-d below, please provide responses for the system as a whole and for each class. If both firm and system peak load data are available, please provide both where requested in items b, c, and e.

(a) Please provide weather-normalized sales and requirements.

(b) Provide documentation of the methodology for calculating weather-normalized sales, requirements and peak load. If the method is to multiply the difference in actual temperature vs the design temperature by a peak adjustment of 25 MW/°C, please explain whether any further adjustments are made in any circumstances.

(i) Please provide complete workpapers supporting all calculations (including the peak adjustment of 25 MW/°C) used to support the weather normalization and any adjustments.

(ii) If NS Power is continuing to apply an adjustment for reduced lighting load in morning hours relative to the more usual evening peak circumstances, please explain why it is appropriate to adjust this one end use when other end uses may also be different in the morning than in the evening.

(c) Provide workpapers for the calculation of weather-normalized sales, requirements and peak load.

(d) Provide actual and weather-adjusted sales for 2021.

(e) Provide the data used to construct Figure 60.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

1 Response IR-14:

2
3 (a) Weather normalized (WN) sales and net system requirement are provided in the figure
4 below:

	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
WN Sales (GWh)	9,635	10,362	10,352	10,318	10,023	10,136	10,419	10,262	10,146	10,366
WN Residential Sales (GWh)	4,234	4,327	4,409	4,430	4,269	4,377	4,484	4,596	4,766	4,761
WN Commercial Sales (GWh)	3,100	3,128	3,116	3,129	3,046	3,052	3,088	3,052	2,891	2,922
Industrial Sales (GWh)	1,997	2,598	2,522	2,456	2,444	2,461	2,614	2,388	2,340	2,480
Other Sales (GWh)	304	309	304	303	264	246	233	226	150	155
WN NSR (GWh)	10,571	11,148	11,044	11,001	10,813	10,889	11,190	10,955	10,843	11,087

5
6 (b-c) Weather adjusted actuals are not used in the forecast. They are provided for variance analysis
7 and to compare historic series to the forecast series. The forecast models are based on an
8 assumption of normal weather in the forecast period, and in the historic period use actual
9 peaks and sales along with actual temperatures and HDD/CDD as inputs.

10
11 The weather adjustment uses a regression model that has as inputs daily energy (system
12 load less large customer load) and weather variables in the form of daily HDD and CDD
13 values by month. Binaries are added for day of week. The baseload is estimated by a
14 constant, with the other variables accounting for the temperature dependent load.

15

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

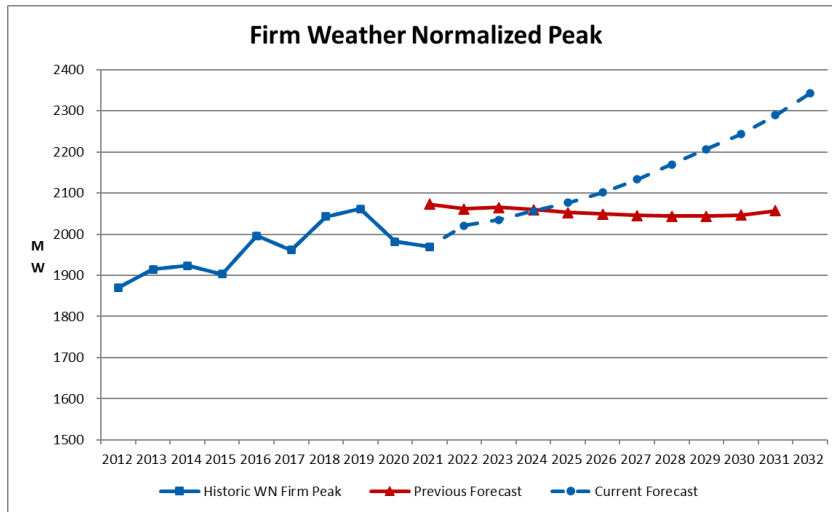
$$\begin{aligned} \text{DailyEnergy} = & \text{Constant} + b_1 \times \text{HDD13} + b_2 \times \text{HDD0} + b_3 \times \text{Lag1HDD13} + \\ & b_4 \times \text{Lag2HDD13} + b_5 \times \text{JanHDD13} + b_6 \times \text{FebHDD13} + b_7 \times \text{MarHDD13} + b_8 \times \text{AprHDD13} \\ & + b_9 \times \text{OctHDD13} + b_{10} \times \text{NovHDD13} + b_{11} \times \text{DecHDD13} + b_{12} \times \text{JulCDD18} + \\ & b_{13} \times \text{AugCDD13} + b_{14} \times \text{SepCDD13} + \sum \text{Binaries} \end{aligned}$$

Please refer to Attachment 1 for the model inputs, outputs and coefficients used for the 2021 calculations, and to Attachment 2 for the corresponding sales adjustments. Monthly totals based on actual daily temperatures are compared to the same calculation using 10-year average temperature values, and the difference is the weather impact. The weather impact is allocated to the residential (approximately 77 percent), commercial (approximately 15 percent), and municipal (approximately 3 percent) on a monthly basis with the remainder attributed to system losses.

Details for the weather normalization factor of 25MW/degree C were provided in response to CA IR-31 in 2021 Load Forecast Report proceeding (M10178), a copy of which is attached as Attachment 3. The methodology used is to multiply the difference in actual temperature vs the design temperature of -13.7° Celsius by the peak adjustment. Prior to 2016 this value was 20 MW per degree; but based on the analysis referred to above the factor has increased to 25 MW per degree since 2016. The adjustment for the morning peak in 2019 in Figure 60 was inadvertently omitted from the Report and a copy of the revised figure is provided below.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL



An explanation of the adjustment in 2019 was provided in response to NSUARB IR-13, in respect of the 2020 Load Forecast Report (M09776), a copy of which is attached as Attachment 4. The adjustment was attributed primarily to lighting, but as described in that IR it represents the difference between a morning and evening peak load, not specifically lighting, and it would encompass many different end uses in addition to lighting.

(d) Actual and weather adjusted 2021 sales are provided in the following figure:

	Res	Comm	Ind	Other	Losses	NSR
2021 Actual	4,619	2,973	2,480	72	757	10,903
Est. Weather Impact	-141	-28		-3	-12	-184
2021 Weather Adjusted Actual	4,760	3,001	2,480	75	769	11,087

(e) Please refer to Attachment 5.

Year	Month	Day	Energy	HDD13	HDD0	JanHDD13	FebHDD13	MarHDD13	AprHDD13	OctHDD13	NovHDD13	DecHDD13	AugCDD18	JulCDD18	SepCDD18	JunCDD18	Sun	Sat	Mon	Fri	LagHDD13	Lag2HDD13	Bad	XMissing	YMissing	
2018	1	1	1 36,263.18	23.75	10.75	23.75	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	23.85	21.79	0	0	0
2018	1	2	2 37,473.12	23.93	10.93	23.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.75	23.85	0	0	0
2018	1	3	3 36,182.21	19.02	6.02	19.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.93	23.75	0	0	0
2018	1	4	4 30,916.49	9.66	0	9.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19.02	23.93	0	0	0
2018	1	5	5 28,459.54	11.73	0	11.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9.66	19.02	0	0	0
2018	1	6	6 38,244.65	25.41	12.41	25.41	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	11.73	9.66	0	0	0
2018	1	7	7 39,957.69	26.21	13.21	26.21	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	25.41	11.73	0	0	0
2018	1	8	8 35,417.80	16.88	3.88	16.88	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	26.21	25.41	0	0	0
2018	1	9	9 30,835.23	11.2	0	11.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.88	26.21	0	0	0
2018	1	10	10 33,000.50	16.38	3.38	16.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11.2	16.88	0	0	0
2018	1	11	11 29,902.00	8.73	0	8.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.38	11.2	0	0	0
2018	1	12	12 24,649.26	3.84	0	3.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8.73	16.38	1	0	0
2018	1	13	13 22,477.61	2.22	0	2.22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3.84	8.73	1	0	0
2018	1	14	14 29,545.51	15.67	2.67	15.67	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2.22	3.84	0	0	0
2018	1	15	15 33,561.36	18.6	5.6	18.6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15.67	2.22	0	0	0
2018	1	16	16 32,538.77	16.35	3.35	16.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.6	15.67	0	0	0
2018	1	17	17 32,726.73	16.06	3.06	16.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.35	18.6	0	0	0
2018	1	18	18 30,433.26	13.76	0.76	13.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.06	16.35	0	0	0
2018	1	19	19 33,067.41	20.18	7.18	20.18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13.76	16.06	0	0	0
2018	1	20	20 31,175.50	13.42	0.42	13.42	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	20.18	13.76	0	0	0
2018	1	21	21 28,630.41	12.6	0	12.6	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	13.42	20.18	0	0	0
2018	1	22	22 32,976.89	18.99	5.99	18.99	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12.6	13.42	0	0	0
2018	1	23	23 33,086.93	14.72	1.72	14.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18.99	12.6	0	0	0
2018	1	24	24 26,402.71	7.59	0	7.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.72	18.99	0	0	0
2018	1	25	25 32,543.90	18.54	5.54	18.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.59	14.72	0	0	0
2018	1	26	26 35,378.91	22.43	9.43	22.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.54	7.59	0	0	0
2018	1	27	27 33,391.22	16.7	3.7	16.7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	22.43	18.54	0	0	0
2018	1	28	28 26,157.36	7.15	0	7.15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	16.7	22.43	0	0	0
2018	1	29	29 30,533.31	14.93	1.93	14.93	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7.15	16.7	0	0	0
2018	1	30	30 34,578.77	17.68	4.68	17.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.93	7.15	0	0	0
2018	1	31	31 34,156.13	20.26	7.26	20.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.68	14.93	0	0	0
2018	2	1	1 31,991.40	12.36	0	0	12.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20.26	17.68	0	0	0
2018	2	2	2 28,451.61	10.61	0	0	10.61	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12.36	20.26	0	0	0
2018	2	3	3 36,043.77	24.73	11.73	0	24.73	0	0	0	0	0	0	0	0	0	0	0	1	0	0	10.61	12.36	0	0	0
2018	2	4	4 33,502.05	14.03	1.03	0	14.03	0	0	0	0	0	0	0	0	0	0	1	0	0	0	24.73	10.61	0	0	0
2018	2	5	5 27,630.57	7.64	0	0	7.64	0	0	0	0	0	0	0	0	0	0	0	0	1	0	14.03	24.73	0	0	0
2018	2	6	6 31,589.83	15.89	2.89	0	15.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.64	14.03	0	0	0
2018	2	7	7 30,981.40	14.47	1.47	0	14.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.89	7.64	0	0	0
2018	2	8	8 30,456.91	12.15	0	0	12.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.47	15.89	0	0	0
2018	2	9	9 32,331.68	17.72	4.72	0	17.72	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12.15	14.47	0	0	0
2018	2	10	10 29,265.67	10.43	0	0	10.43	0	0	0	0	0	0	0	0	0	0	0	1	0	0	17.72	12.15	0	0	0
2018	2	11	11 27,299.15	8.78	0	0	8.78	0	0	0	0	0	0	0	0	0	0	1	0	0	0	10.43	17.72	0	0	0
2018	2	12	12 27,031.66	7.93	0	0	7.93	0	0	0	0	0	0	0	0	0	0	0	0	1	0	8.78	10.43	0	0	0
2018	2	13	13 32,944.68	18.93	5.93	0	18.93	0																		

2018	2	25	29,596.25	15.25	2.25	0	15.25	0	0	0	0	0	0	0	0	0	1	0	0	0	10.01	16.54	0	0	0
2018	2	26	28,959.49	11.25	0	0	11.25	0	0	0	0	0	0	0	0	0	0	0	1	0	15.25	10.01	0	0	0
2018	2	27	27,362.44	10.96	0	0	10.96	0	0	0	0	0	0	0	0	0	0	0	0	0	11.25	15.25	0	0	0
2018	2	28	27,387.75	10.2	0	0	10.2	0	0	0	0	0	0	0	0	0	0	0	0	0	10.96	11.25	0	0	0
2018	3	1	28,186.60	12.23	0	0	0	12.23	0	0	0	0	0	0	0	0	0	0	0	0	10.2	10.96	0	0	0
2018	3	2	26,972.77	10.86	0	0	0	10.86	0	0	0	0	0	0	0	0	0	0	0	1	12.23	10.2	0	0	0
2018	3	3	26,174.92	8.61	0	0	0	8.61	0	0	0	0	0	0	0	0	0	1	0	0	10.86	12.23	0	0	0
2018	3	4	27,179.76	10.72	0	0	0	10.72	0	0	0	0	0	0	0	0	1	0	0	0	8.61	10.86	0	0	0
2018	3	5	27,337.01	10.58	0	0	0	10.58	0	0	0	0	0	0	0	0	0	0	1	0	10.72	8.61	0	0	0
2018	3	6	28,204.12	11.68	0	0	0	11.68	0	0	0	0	0	0	0	0	0	0	0	0	10.58	10.72	0	0	0
2018	3	7	28,042.27	11.7	0	0	0	11.7	0	0	0	0	0	0	0	0	0	0	0	0	11.68	10.58	0	0	0
2018	3	8	29,391.63	11.84	0	0	0	11.84	0	0	0	0	0	0	0	0	0	0	0	0	11.7	11.68	0	0	0
2018	3	9	28,469.56	11.66	0	0	0	11.66	0	0	0	0	0	0	0	0	0	0	0	1	11.84	11.7	0	0	0
2018	3	10	26,536.20	11.92	0	0	0	11.92	0	0	0	0	0	0	0	0	0	1	0	0	11.66	11.84	0	0	0
2018	3	11	26,602.79	12.03	0	0	0	12.03	0	0	0	0	0	0	0	0	1	0	0	0	11.92	11.66	0	0	0
2018	3	12	27,268.56	12.15	0	0	0	12.15	0	0	0	0	0	0	0	0	0	0	1	0	12.03	11.92	0	0	0
2018	3	13	29,050.51	13	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	12.15	12.03	0	0	0
2018	3	14	27,265.11	9.72	0	0	0	9.72	0	0	0	0	0	0	0	0	0	0	0	0	13	12.15	0	0	0
2018	3	15	26,613.06	10.64	0	0	0	10.64	0	0	0	0	0	0	0	0	0	0	0	0	9.72	13	0	0	0
2018	3	16	27,120.15	11.89	0	0	0	11.89	0	0	0	0	0	0	0	0	0	0	0	1	10.64	9.72	0	0	0
2018	3	17	30,185.11	18.12	5.12	0	0	18.12	0	0	0	0	0	0	0	0	0	1	0	0	11.89	10.64	0	0	0
2018	3	18	30,398.60	17.88	4.88	0	0	17.88	0	0	0	0	0	0	0	0	1	0	0	0	18.12	11.89	0	0	0
2018	3	19	30,577.29	17.11	4.11	0	0	17.11	0	0	0	0	0	0	0	0	0	0	1	0	17.88	18.12	0	0	0
2018	3	20	29,124.62	14.16	1.16	0	0	14.16	0	0	0	0	0	0	0	0	0	0	0	0	17.11	17.88	0	0	0
2018	3	21	29,007.96	13.32	0.32	0	0	13.32	0	0	0	0	0	0	0	0	0	0	0	0	14.16	17.11	0	0	0
2018	3	22	29,946.36	11.92	0	0	0	11.92	0	0	0	0	0	0	0	0	0	0	0	0	13.32	14.16	0	0	0
2018	3	23	28,388.74	12.18	0	0	0	12.18	0	0	0	0	0	0	0	0	0	0	0	1	11.92	13.32	0	0	0
2018	3	24	27,264.13	12.17	0	0	0	12.17	0	0	0	0	0	0	0	0	1	0	0	0	12.18	11.92	0	0	0
2018	3	25	28,680.94	13.98	0.98	0	0	13.98	0	0	0	0	0	0	0	0	1	0	0	0	12.17	12.18	0	0	0
2018	3	26	28,172.39	13.88	0.88	0	0	13.88	0	0	0	0	0	0	0	0	0	0	1	0	13.98	12.17	0	0	0
2018	3	27	26,606.58	9.67	0	0	0	9.67	0	0	0	0	0	0	0	0	0	0	0	0	13.88	13.98	0	0	0
2018	3	28	25,454.92	8.67	0	0	0	8.67	0	0	0	0	0	0	0	0	0	0	0	0	9.67	13.88	0	0	0
2018	3	29	24,621.46	8.2	0	0	0	8.2	0	0	0	0	0	0	0	0	0	0	0	0	8.67	9.67	0	0	0
2018	3	30	24,981.21	8	0	0	0	8	0	0	0	0	0	0	0	0	0	0	0	1	8.2	8.67	0	0	0
2018	3	31	23,192.54	7.63	0	0	0	7.63	0	0	0	0	0	0	0	0	0	1	0	0	8	8.2	0	0	0
2018	4	1	24,829.58	8.58	0	0	0	0	8.58	0	0	0	0	0	0	0	1	0	0	0	7.63	8	0	0	0
2018	4	2	26,126.22	11.63	0	0	0	0	11.63	0	0	0	0	0	0	0	0	0	1	0	8.58	7.63	0	0	0
2018	4	3	26,301.73	11.08	0	0	0	0	11.08	0	0	0	0	0	0	0	0	0	0	0	11.63	8.58	0	0	0
2018	4	4	26,182.99	7.7	0	0	0	0	7.7	0	0	0	0	0	0	0	0	0	0	0	11.08	11.63	0	0	0
2018	4	5	24,675.18	9.57	0	0	0	0	9.57	0	0	0	0	0	0	0	0	0	0	0	7.7	11.08	0	0	0
2018	4	6	27,048.16	13.66	0.66	0	0	0	13.66	0	0	0	0	0	0	0	0	0	0	1	9.57	7.7	0	0	0
2018	4	7	26,148.51	10.72	0	0	0	0	10.72	0	0	0	0	0	0	0	0	1	0	0	13.66	9.57	0	0	0
2018	4	8	27,338.15	12.63	0	0	0	0	12.63	0	0	0	0	0	0	0	1	0	0	0	10.72	13.66	0	0	0
2018	4	9	27,710.93	14.13	1.13	0	0	0	14.13	0	0	0	0	0	0	0	0	0	1	0	12.63	10.72	0	0	0
2018	4	10	26,812.17	12.54	0	0	0	0	12.54	0	0	0	0	0	0	0	0	0	0	0	14.13	12.63	0	0	0
2018	4	11	25,402.49	10.88	0	0	0	0	10.88	0	0	0	0	0	0	0	0	0	0	0	12.54	14.13	0	0	0
2018	4	12	24,944.95	10.79	0	0	0	0	10.79	0	0	0	0	0	0	0	0	0	0	0	10.88	12.54	0	0	0
2018	4	13	24,368.54	6.28	0	0	0	0	6.28	0	0	0	0	0	0	0	0	0	0	1	10.79	10.88	0	0	0
2018	4	14	24,451.30	8.53	0	0	0	0	8.53	0	0	0	0	0	0	0	0	1	0	0	6.28	10.79	0	0	0
2018	4	15	27,047.88	13.85	0.85	0	0	0	13.85	0	0	0	0	0	0	0	1	0	0	0	8.53	6.28	0	0	0
2018	4	16	27,304.08	13.37	0.37	0	0	0	13.37	0	0	0	0	0	0	0	0	0	1	0	13.85	8.53	0	0	0
2018	4	17	26,390.55	7.93	0	0	0	0	7.93	0	0	0	0	0	0	0	0	0	0	0	13.37	13.85	0	0	0
2018	4	18	24,064.38	8.35	0	0	0	0	8.35	0	0	0	0	0	0	0	0	0	0	0	7.93	13.37	0	0	0
2018	4	19	24,388.42	8.45	0	0	0	0	8.45	0	0	0	0	0	0	0	0	0	0	0	8.35	7.93	0	0	0
2018	4	20	25,301.72	10.31	0	0	0	0	10.31	0	0	0	0	0	0	0	0	0	0	1	8.45	8.35	0	0	0
2018	4	21	23,990.36	8.27	0	0	0	0	8.27	0	0	0	0	0	0	0	0	1	0	0	10.31	8.45	0	0	0

2018	4	22	22,499.64	6.65	0	0	0	0	6.65	0	0	0	0	0	0	0	1	0	0	0	8.27	10.31	0	0	0
2018	4	23	22,482.70	6.18	0	0	0	0	6.18	0	0	0	0	0	0	0	0	0	1	0	6.65	8.27	0	0	0
2018	4	24	21,170.24	4.73	0	0	0	0	4.73	0	0	0	0	0	0	0	0	0	0	0	6.18	6.65	0	0	0
2018	4	25	20,345.14	4.07	0	0	0	0	4.07	0	0	0	0	0	0	0	0	0	0	0	4.73	6.18	0	0	0
2018	4	26	20,978.42	4.32	0	0	0	0	4.32	0	0	0	0	0	0	0	0	0	0	0	4.07	4.73	0	0	0
2018	4	27	19,545.95	3.88	0	0	0	0	3.88	0	0	0	0	0	0	0	0	0	0	1	4.32	4.07	0	0	0
2018	4	28	19,228.70	4.14	0	0	0	0	4.14	0	0	0	0	0	0	0	0	1	0	0	3.88	4.32	0	0	0
2018	4	29	19,649.48	1.31	0	0	0	0	1.31	0	0	0	0	0	0	0	1	0	0	0	4.14	3.88	0	0	0
2018	4	30	22,001.23	6.47	0	0	0	0	6.47	0	0	0	0	0	0	0	0	0	1	0	1.31	4.14	0	0	0
2018	5	1	22,750.27	7.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.47	1.31	0	0	0
2018	5	2	21,185.78	2.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.54	6.47	0	0	0
2018	5	3	20,498.88	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.33	7.54	0	0	0
2018	5	4	21,512.15	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2.33	0	0	0
2018	5	5	19,194.12	0.02	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6.9	1	0	0	0
2018	5	6	18,879.08	1.08	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.02	6.9	0	0	0
2018	5	7	19,915.11	2.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1.08	0.02	0	0	0
2018	5	8	20,056.20	5.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.85	1.08	0	0	0
2018	5	9	19,686.73	2.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.42	2.85	0	0	0
2018	5	10	20,662.11	5.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.76	5.42	0	0	0
2018	5	11	19,550.83	0.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5.65	2.76	0	0	0
2018	5	12	19,660.34	5.5	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.77	5.65	0	0	0
2018	5	13	19,007.94	2.9	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	5.5	0.77	0	0	0
2018	5	14	19,403.68	3.74	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2.9	5.5	0	0	0
2018	5	15	19,416.65	2.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.74	2.9	0	0	0
2018	5	16	19,541.81	4.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.59	3.74	0	0	0
2018	5	17	20,133.29	2.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.63	2.59	0	0	0
2018	5	18	19,771.28	2.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.23	4.63	0	0	0
2018	5	19	18,626.81	3.12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2.45	2.23	0	0	0
2018	5	20	18,502.53	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3.12	2.45	0	0	0
2018	5	21	18,242.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3.12	0	0	0
2018	5	22	18,860.61	2.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	5	23	19,250.17	2.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.38	0	0	0	0
2018	5	24	19,979.86	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.46	2.38	0	0	0
2018	5	25	20,115.99	1.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	2.46	0	0	0
2018	5	26	18,816.32	0.93	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1.83	5	0	0	0
2018	5	27	18,977.97	5.32	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.93	1.83	0	0	0
2018	5	28	19,461.30	3.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.32	0.93	0	0	0
2018	5	29	19,149.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.95	5.32	0	0	0
2018	5	30	19,073.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.95	0	0	0
2018	5	31	19,403.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	6	1	19,209.55	0	0	0	0	0	0	0	0	0	0	0	0	1.55	0	0	0	1	0	0	0	0	0
2018	6	2	18,388.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	6	3	19,337.98	5.49	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2018	6	4	20,736.59	7.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.49	0	0	0	0
2018	6	5	21,709.05	6.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.31	5.49	0	0	0
2018	6	6	21,221.45	5.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.9	7.31	0	0	0
2018	6	7	20,262.92	3.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.85	6.9	0	0	0
2018	6	8	18,947.23	1.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.65	5.85	0	0	0
2018	6	9	17,879.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1.25	3.65	0	0	0
2018	6	10	18,151.58	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1.25	0	0	0
2018	6	11	19,581.52	2.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2018	6	12	19,464.70	1.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.63	0	0	0	0
2018	6	13	18,804.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.31	2.63	0	0	0
2018	6	14	19,926.81	5.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.31	0	0	0
2018	6	15	19,130.76	1.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5.11	0	0	0	0
2018	6	16	17,835.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1.33	5.11	0	0	0

2018	6	17	17,493.94	0.32	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1.33	0	0	0
2018	6	18	19,916.86	1.72	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.32	0	0	0	0
2018	6	19	19,410.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.72	0.32	0	0	0
2018	6	20	18,716.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.72	0	0	0
2018	6	21	18,531.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	6	22	18,113.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2018	6	23	16,834.44	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	6	24	17,699.33	0	0	0	0	0	0	0	0	0	0	0	0.18	1	0	0	0	0	0	0	0	0
2018	6	25	19,457.95	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2018	6	26	19,426.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.49	0	0	0	0
2018	6	27	18,623.21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.49	0	0	0
2018	6	28	18,554.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	6	29	19,182.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2018	6	30	18,594.38	0	0	0	0	0	0	0	0	0	0	0	2.07	0	1	0	0	0	0	0	0	0
2018	7	1	17,699.74	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2018	7	2	18,474.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2018	7	3	20,295.63	0	0	0	0	0	0	0	0	0	1.11	0	0	0	0	0	0	0	0	0	0	0
2018	7	4	21,544.93	0	0	0	0	0	0	0	0	0	7.01	0	0	0	0	0	0	0	0	0	0	0
2018	7	5	21,469.27	0	0	0	0	0	0	0	0	0	5.03	0	0	0	0	0	0	0	0	0	0	0
2018	7	6	20,310.30	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	1	0	0	0	0	0
2018	7	7	17,832.10	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	7	8	17,899.36	0	0	0	0	0	0	0	0	0	1.18	0	0	1	0	0	0	0	0	0	0	0
2018	7	9	19,567.65	0	0	0	0	0	0	0	0	0	0.75	0	0	0	0	1	0	0	0	0	0	0
2018	7	10	19,830.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	7	11	19,648.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	7	12	19,103.63	0	0	0	0	0	0	0	0	0	0.78	0	0	0	0	0	0	0	0	0	0	0
2018	7	13	18,952.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2018	7	14	17,601.19	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	7	15	18,213.94	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2018	7	16	20,286.93	0	0	0	0	0	0	0	0	0	2.97	0	0	0	0	1	0	0	0	0	0	0
2018	7	17	20,606.00	0	0	0	0	0	0	0	0	0	0.07	0	0	0	0	0	0	0	0	0	0	0
2018	7	18	20,427.69	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0	0	0	0	0	0
2018	7	19	19,984.40	0	0	0	0	0	0	0	0	0	0.88	0	0	0	0	0	0	0	0	0	0	0
2018	7	20	19,607.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2018	7	21	18,284.67	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	7	22	18,892.27	0	0	0	0	0	0	0	0	0	0.72	0	0	1	0	0	0	0	0	0	0	0
2018	7	23	21,675.68	0	0	0	0	0	0	0	0	0	3.03	0	0	0	0	1	0	0	0	0	0	0
2018	7	24	22,051.50	0	0	0	0	0	0	0	0	0	4.15	0	0	0	0	0	0	0	0	0	0	0
2018	7	25	21,818.66	0	0	0	0	0	0	0	0	0	4.38	0	0	0	0	0	0	0	0	0	0	0
2018	7	26	21,288.03	0	0	0	0	0	0	0	0	0	4.11	0	0	0	0	0	0	0	0	0	0	0
2018	7	27	21,132.19	0	0	0	0	0	0	0	0	0	2.61	0	0	0	0	0	1	0	0	0	0	0
2018	7	28	19,781.75	0	0	0	0	0	0	0	0	0	1.73	0	0	0	1	0	0	0	0	0	0	0
2018	7	29	19,759.39	0	0	0	0	0	0	0	0	0	2.77	0	0	1	0	0	0	0	0	0	0	0
2018	7	30	20,711.84	0	0	0	0	0	0	0	0	0	4.64	0	0	0	0	1	0	0	0	0	0	0
2018	7	31	20,895.91	0	0	0	0	0	0	0	0	0	4.29	0	0	0	0	0	0	0	0	0	0	0
2018	8	1	21,353.89	0	0	0	0	0	0	0	0	3.83	0	0	0	0	0	0	0	0	0	0	0	0
2018	8	2	21,002.63	0	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0	0
2018	8	3	21,723.00	0	0	0	0	0	0	0	0	5.71	0	0	0	0	0	0	1	0	0	0	0	0
2018	8	4	20,303.32	0	0	0	0	0	0	0	0	3.78	0	0	0	0	1	0	0	0	0	0	0	0
2018	8	5	19,271.02	0	0	0	0	0	0	0	0	2.19	0	0	0	1	0	0	0	0	0	0	0	0
2018	8	6	20,555.79	0	0	0	0	0	0	0	0	3.29	0	0	0	0	0	1	0	0	0	0	0	0
2018	8	7	22,144.31	0	0	0	0	0	0	0	0	3.35	0	0	0	0	0	0	0	0	0	0	0	0
2018	8	8	22,033.29	0	0	0	0	0	0	0	0	3.73	0	0	0	0	0	0	0	0	0	0	0	0
2018	8	9	21,395.16	0	0	0	0	0	0	0	0	2.44	0	0	0	0	0	0	0	0	0	0	0	0
2018	8	10	21,128.16	0	0	0	0	0	0	0	0	3.87	0	0	0	0	0	0	1	0	0	0	0	0
2018	8	11	18,790.27	0	0	0	0	0	0	0	0	2.39	0	0	0	0	1	0	0	0	0	0	0	0

2018	8	12	18,888.82	0	0	0	0	0	0	0	0	2.49	0	0	0	1	0	0	0	0	0	0	0
2018	8	13	20,416.85	0	0	0	0	0	0	0	0	1.52	0	0	0	0	0	1	0	0	0	0	0
2018	8	14	20,868.33	0	0	0	0	0	0	0	0	2.1	0	0	0	0	0	0	0	0	0	0	0
2018	8	15	21,390.53	0	0	0	0	0	0	0	0	2.13	0	0	0	0	0	0	0	0	0	0	0
2018	8	16	21,182.88	0	0	0	0	0	0	0	0	3.72	0	0	0	0	0	0	0	0	0	0	0
2018	8	17	19,609.36	0	0	0	0	0	0	0	0	0.43	0	0	0	0	0	0	1	0	0	0	0
2018	8	18	18,369.66	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2018	8	19	17,977.95	0	0	0	0	0	0	0	0	1.16	0	0	0	1	0	0	0	0	0	0	0
2018	8	20	19,087.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2018	8	21	19,337.09	0	0	0	0	0	0	0	0	0.52	0	0	0	0	0	0	0	0	0	0	0
2018	8	22	19,949.59	0	0	0	0	0	0	0	0	1.83	0	0	0	0	0	0	0	0	0	0	0
2018	8	23	20,303.78	0	0	0	0	0	0	0	0	2.67	0	0	0	0	0	0	0	0	0	0	0
2018	8	24	19,522.79	0	0	0	0	0	0	0	0	1.85	0	0	0	0	0	0	1	0	0	0	0
2018	8	25	18,331.36	0	0	0	0	0	0	0	0	1.85	0	0	0	0	1	0	0	0	0	0	0
2018	8	26	18,233.99	0	0	0	0	0	0	0	0	0.82	0	0	0	1	0	0	0	0	0	0	0
2018	8	27	20,176.00	0	0	0	0	0	0	0	0	3.3	0	0	0	0	0	1	0	0	0	0	0
2018	8	28	21,082.10	0	0	0	0	0	0	0	0	4.63	0	0	0	0	0	0	0	0	0	0	0
2018	8	29	21,678.69	0	0	0	0	0	0	0	0	6.2	0	0	0	0	0	0	0	0	0	0	0
2018	8	30	21,251.92	0	0	0	0	0	0	0	0	4.25	0	0	0	0	0	0	0	0	0	0	0
2018	8	31	19,124.86	0	0	0	0	0	0	0	0	0.1	0	0	0	0	0	0	1	0	0	0	0
2018	9	1	17,571.63	0	0	0	0	0	0	0	0	0	0	0.05	0	0	1	0	0	0	0	0	0
2018	9	2	17,603.59	0	0	0	0	0	0	0	0	0	0	0.54	0	1	0	0	0	0	0	0	0
2018	9	3	18,701.51	0	0	0	0	0	0	0	0	0	0	2.32	0	0	0	1	0	0	0	0	0
2018	9	4	20,145.53	0	0	0	0	0	0	0	0	0	0	2.84	0	0	0	0	0	0	0	0	0
2018	9	5	19,464.66	0	0	0	0	0	0	0	0	0	0	1.08	0	0	0	0	0	0	0	0	0
2018	9	6	20,055.50	0	0	0	0	0	0	0	0	0	0	3.95	0	0	0	0	0	0	0	0	0
2018	9	7	19,021.23	0	0	0	0	0	0	0	0	0	0	0.07	0	0	0	0	1	0	0	0	0
2018	9	8	17,212.95	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	9	9	17,268.39	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	9	10	18,422.68	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2018	9	11	19,046.35	0	0	0	0	0	0	0	0	0	0	0.38	0	0	0	0	0	0	0	0	0
2018	9	12	19,436.20	0	0	0	0	0	0	0	0	0	0	1.7	0	0	0	0	0	0	0	0	0
2018	9	13	19,323.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	9	14	19,183.02	0	0	0	0	0	0	0	0	0	0	0.3	0	0	0	0	1	0	0	0	0
2018	9	15	18,170.97	0	0	0	0	0	0	0	0	0	0	1.77	0	0	1	0	0	0	0	0	0
2018	9	16	18,344.69	0	0	0	0	0	0	0	0	0	0	1.44	0	1	0	0	0	0	0	0	0
2018	9	17	19,564.56	0	0	0	0	0	0	0	0	0	0	2.38	0	0	0	1	0	0	0	0	0
2018	9	18	19,450.59	0	0	0	0	0	0	0	0	0	0	2.25	0	0	0	0	0	0	0	0	0
2018	9	19	18,916.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	9	20	18,490.56	0.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	9	21	18,705.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.75	0	0	0
2018	9	22	17,791.86	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.75	0	0
2018	9	23	17,721.09	0.17	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	9	24	18,898.41	3.01	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.17	0	0	0
2018	9	25	20,077.02	3.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.01	0.17	0	0
2018	9	26	19,785.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.28	3.01	0	0
2018	9	27	19,136.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.28	0	0
2018	9	28	19,171.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2018	9	29	17,727.59	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2018	9	30	17,940.06	0.44	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2018	10	1	18,998.78	0.63	0	0	0	0	0.63	0	0	0	0	0	0	0	0	1	0	0.44	0	0	0
2018	10	2	20,341.86	2.47	0	0	0	0	2.47	0	0	0	0	0	0	0	0	0	0	0.63	0.44	0	0
2018	10	3	20,139.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.47	0.63	0	0
2018	10	4	18,931.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.47	0	0
2018	10	5	18,682.67	0.01	0	0	0	0	0.01	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2018	10	6	18,691.28	2.82	0	0	0	0	2.82	0	0	0	0	0	0	0	1	0	0	0.01	0	0	0

2018	10	7	19,388.44	1.74	0	0	0	0	1.74	0	0	0	0	0	0	1	0	0	0	2.82	0.01	0	0	0
2018	10	8	19,615.97	3.87	0	0	0	0	3.87	0	0	0	0	0	0	0	0	1	0	1.74	2.82	0	0	0
2018	10	9	20,402.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.87	1.74	0	0	0
2018	10	10	19,683.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.87	0	0	0
2018	10	11	21,656.44	4.94	0	0	0	0	4.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	10	12	20,787.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4.94	0	0	0	0
2018	10	13	20,151.92	4.28	0	0	0	0	4.28	0	0	0	0	0	0	0	1	0	0	0	4.94	0	0	0
2018	10	14	20,754.57	5.75	0	0	0	0	5.75	0	0	0	0	0	0	1	0	0	0	4.28	0	0	0	0
2018	10	15	21,153.37	2.88	0	0	0	0	2.88	0	0	0	0	0	0	0	0	1	0	5.75	4.28	0	0	0
2018	10	16	20,092.24	0.9	0	0	0	0	0.9	0	0	0	0	0	0	0	0	0	0	2.88	5.75	0	0	0
2018	10	17	21,710.08	4.46	0	0	0	0	4.46	0	0	0	0	0	0	0	0	0	0	0.9	2.88	0	0	0
2018	10	18	23,320.44	8.37	0	0	0	0	8.37	0	0	0	0	0	0	0	0	0	0	4.46	0.9	0	0	0
2018	10	19	24,005.26	9.56	0	0	0	0	9.56	0	0	0	0	0	0	0	0	0	1	8.37	4.46	0	0	0
2018	10	20	20,804.64	0.55	0	0	0	0	0.55	0	0	0	0	0	0	0	1	0	0	9.56	8.37	0	0	0
2018	10	21	19,793.42	2.44	0	0	0	0	2.44	0	0	0	0	0	0	1	0	0	0	0.55	9.56	0	0	0
2018	10	22	23,222.61	9.33	0	0	0	0	9.33	0	0	0	0	0	0	0	0	1	0	2.44	0.55	0	0	0
2018	10	23	23,728.24	7.53	0	0	0	0	7.53	0	0	0	0	0	0	0	0	0	0	9.33	2.44	0	0	0
2018	10	24	21,451.45	1.92	0	0	0	0	1.92	0	0	0	0	0	0	0	0	0	0	7.53	9.33	0	0	0
2018	10	25	23,003.31	8.52	0	0	0	0	8.52	0	0	0	0	0	0	0	0	0	0	1.92	7.53	0	0	0
2018	10	26	24,671.07	10.73	0	0	0	0	10.73	0	0	0	0	0	0	0	0	0	1	8.52	1.92	0	0	0
2018	10	27	25,351.04	10.44	0	0	0	0	10.44	0	0	0	0	0	0	0	1	0	0	10.73	8.52	0	0	0
2018	10	28	21,371.20	0.81	0	0	0	0	0.81	0	0	0	0	0	0	1	0	0	0	10.44	10.73	0	0	0
2018	10	29	20,013.41	1.77	0	0	0	0	1.77	0	0	0	0	0	0	0	0	1	0	0.81	10.44	0	0	0
2018	10	30	20,996.99	3.51	0	0	0	0	3.51	0	0	0	0	0	0	0	0	0	0	1.77	0.81	0	0	0
2018	10	31	22,172.34	6.11	0	0	0	0	6.11	0	0	0	0	0	0	0	0	0	0	3.51	1.77	0	0	0
2018	11	1	22,223.51	3.83	0	0	0	0	0	3.83	0	0	0	0	0	0	0	0	0	6.11	3.51	0	0	0
2018	11	2	21,373.05	1.01	0	0	0	0	0	1.01	0	0	0	0	0	0	0	0	1	3.83	6.11	0	0	0
2018	11	3	19,444.07	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1.01	3.83	0	0	0
2018	11	4	21,568.49	5.04	0	0	0	0	0	5.04	0	0	0	0	0	1	0	0	0	0	1.01	0	0	0
2018	11	5	23,438.63	8.08	0	0	0	0	0	8.08	0	0	0	0	0	0	0	1	0	5.04	0	0	0	0
2018	11	6	22,482.09	3.03	0	0	0	0	0	3.03	0	0	0	0	0	0	0	0	0	8.08	5.04	0	0	0
2018	11	7	20,081.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.03	8.08	0	0	0
2018	11	8	21,239.18	3.97	0	0	0	0	0	3.97	0	0	0	0	0	0	0	0	0	0	3.03	0	0	0
2018	11	9	22,367.15	6.6	0	0	0	0	0	6.6	0	0	0	0	0	0	0	0	1	3.97	0	0	0	0
2018	11	10	22,781.72	4.83	0	0	0	0	0	4.83	0	0	0	0	0	0	1	0	0	6.6	3.97	0	0	0
2018	11	11	24,149.61	10.13	0	0	0	0	0	10.13	0	0	0	0	0	1	0	0	0	4.83	6.6	0	0	0
2018	11	12	26,674.39	12.23	0	0	0	0	0	12.23	0	0	0	0	0	0	0	1	0	10.13	4.83	0	0	0
2018	11	13	27,327.29	9.43	0	0	0	0	0	9.43	0	0	0	0	0	0	0	0	0	12.23	10.13	0	0	0
2018	11	14	29,299.30	12.92	0	0	0	0	0	12.92	0	0	0	0	0	0	0	0	0	9.43	12.23	0	0	0
2018	11	15	31,307.36	16.4	3.4	0	0	0	0	16.4	0	0	0	0	0	0	0	0	0	12.92	9.43	0	0	0
2018	11	16	29,862.92	13.05	0.05	0	0	0	0	13.05	0	0	0	0	0	0	0	0	1	16.4	12.92	0	0	0
2018	11	17	27,363.14	11.28	0	0	0	0	0	11.28	0	0	0	0	0	0	1	0	0	13.05	16.4	0	0	0
2018	11	18	26,766.66	12.62	0	0	0	0	0	12.62	0	0	0	0	0	0	0	0	0	11.28	13.05	0	0	0
2018	11	19	28,979.11	12.9	0	0	0	0	0	12.9	0	0	0	0	0	0	0	1	0	12.62	11.28	0	0	0
2018	11	20	26,993.49	9.88	0	0	0	0	0	9.88	0	0	0	0	0	0	0	0	0	12.9	12.62	0	0	0
2018	11	21	27,163.18	10.89	0	0	0	0	0	10.89	0	0	0	0	0	0	0	0	0	9.88	12.9	0	0	0
2018	11	22	32,826.09	20.33	7.33	0	0	0	0	20.33	0	0	0	0	0	0	0	0	0	10.89	9.88	0	0	0
2018	11	23	34,673.45	20.27	7.27	0	0	0	0	20.27	0	0	0	0	0	0	0	0	1	20.33	10.89	0	0	0
2018	11	24	29,331.00	11.04	0	0	0	0	0	11.04	0	0	0	0	0	0	1	0	0	20.27	20.33	0	0	0
2018	11	25	27,503.41	10.08	0	0	0	0	0	10.08	0	0	0	0	0	1	0	0	0	11.04	20.27	0	0	0
2018	11	26	27,608.83	11.63	0	0	0	0	0	11.63	0	0	0	0	0	0	0	1	0	10.08	11.04	0	0	0
2018	11	27	28,362.01	9.48	0	0	0	0	0	9.48	0	0	0	0	0	0	0	0	0	11.63	10.08	0	0	0
2018	11	28	26,041.18	7.12	0	0	0	0	0	7.12	0	0	0	0	0	0	0	0	0	9.48	11.63	0	0	0
2018	11	29	30,758.50	11.78	0	0	0	0	0	11.78	0	0	0	0	0	0	0	0	0	7.12	9.48	0	0	0
2018	11	30	28,418.25	11.23	0	0	0	0	0	11.23	0	0	0	0	0	0	0	0	1	11.78	7.12	0	0	0
2018	12	1	27,936.97	12.19	0	0	0	0	0	0	12.19	0	0	0	0	0	1	0	0	11.23	11.78	0	0	0

2018	12	2	27,961.64	10.98	0	0	0	0	0	0	10.98	0	0	0	0	1	0	0	0	12.19	11.23	0	0	0
2018	12	3	24,552.25	4.36	0	0	0	0	0	0	4.36	0	0	0	0	0	0	1	0	10.98	12.19	0	0	0
2018	12	4	28,932.00	12.9	0	0	0	0	0	0	12.9	0	0	0	0	0	0	0	0	4.36	10.98	0	0	0
2018	12	5	31,490.60	17.2	4.2	0	0	0	0	0	17.2	0	0	0	0	0	0	0	0	12.9	4.36	0	0	0
2018	12	6	32,388.53	16.54	3.54	0	0	0	0	0	16.54	0	0	0	0	0	0	0	0	17.2	12.9	0	0	0
2018	12	7	30,990.74	13.96	0.96	0	0	0	0	0	13.96	0	0	0	0	0	0	0	1	16.54	17.2	0	0	0
2018	12	8	31,975.70	18.9	5.9	0	0	0	0	0	18.9	0	0	0	0	0	1	0	0	13.96	16.54	0	0	0
2018	12	9	34,026.55	21.1	8.1	0	0	0	0	0	21.1	0	0	0	0	1	0	0	0	18.9	13.96	0	0	0
2018	12	10	32,595.90	16.69	3.69	0	0	0	0	0	16.69	0	0	0	0	0	0	1	0	21.1	18.9	0	0	0
2018	12	11	33,936.70	20.26	7.26	0	0	0	0	0	20.26	0	0	0	0	0	0	0	0	16.69	21.1	0	0	0
2018	12	12	34,700.20	19.65	6.65	0	0	0	0	0	19.65	0	0	0	0	0	0	0	0	20.26	16.69	0	0	0
2018	12	13	35,079.40	19.95	6.95	0	0	0	0	0	19.95	0	0	0	0	0	0	0	0	19.65	20.26	0	0	0
2018	12	14	33,111.10	14.95	1.95	0	0	0	0	0	14.95	0	0	0	0	0	0	0	1	19.95	19.65	0	0	0
2018	12	15	27,698.97	8.46	0	0	0	0	0	0	8.46	0	0	0	0	0	1	0	0	14.95	19.95	0	0	0
2018	12	16	28,633.55	13.38	0.38	0	0	0	0	0	13.38	0	0	0	0	1	0	0	0	8.46	14.95	0	0	0
2018	12	17	30,230.10	11.34	0	0	0	0	0	0	11.34	0	0	0	0	0	0	1	0	13.38	8.46	0	0	0
2018	12	18	31,823.71	13.69	0.69	0	0	0	0	0	13.69	0	0	0	0	0	0	0	0	11.34	13.38	0	0	0
2018	12	19	33,055.64	16.25	3.25	0	0	0	0	0	16.25	0	0	0	0	0	0	0	0	13.69	11.34	0	0	0
2018	12	20	31,702.24	14.45	1.45	0	0	0	0	0	14.45	0	0	0	0	0	0	0	0	16.25	13.69	0	0	0
2018	12	21	29,566.54	10.5	0	0	0	0	0	0	10.5	0	0	0	0	0	0	0	1	14.45	16.25	0	0	0
2018	12	22	24,326.23	4.63	0	0	0	0	0	0	4.63	0	0	0	0	0	1	0	0	10.5	14.45	0	0	0
2018	12	23	27,199.45	11.25	0	0	0	0	0	0	11.25	0	0	0	0	1	0	0	0	4.63	10.5	0	0	0
2018	12	24	31,586.56	17.31	4.31	0	0	0	0	0	17.31	0	0	0	0	0	0	1	0	11.25	4.63	0	0	0
2018	12	25	33,444.03	20.6	7.6	0	0	0	0	0	20.6	0	0	0	0	0	0	0	0	17.31	11.25	0	0	0
2018	12	26	32,837.17	19.19	6.19	0	0	0	0	0	19.19	0	0	0	0	0	0	0	0	20.6	17.31	0	0	0
2018	12	27	35,279.26	21.6	8.6	0	0	0	0	0	21.6	0	0	0	0	0	0	0	0	19.19	20.6	0	0	0
2018	12	28	36,190.79	19.93	6.93	0	0	0	0	0	19.93	0	0	0	0	0	0	0	1	21.6	19.19	0	0	0
2018	12	29	27,973.84	7.9	0	0	0	0	0	0	7.9	0	0	0	0	0	1	0	0	19.93	21.6	0	0	0
2018	12	30	33,283.96	20.57	7.57	0	0	0	0	0	20.57	0	0	0	0	1	0	0	0	7.9	19.93	0	0	0
2018	12	31	34,550.39	20.35	7.35	0	0	0	0	0	20.35	0	0	0	0	0	0	1	0	20.57	7.9	0	0	0
2019	1	1	31,165.83	12.33	0	12.33	0	0	0	0	0	0	0	0	0	0	0	0	0	20.35	20.57	0	0	0
2019	1	2	34,628.64	19.86	6.86	19.86	0	0	0	0	0	0	0	0	0	0	0	0	0	12.33	20.35	0	0	0
2019	1	3	36,799.61	21.1	8.1	21.1	0	0	0	0	0	0	0	0	0	0	0	0	0	19.86	12.33	0	0	0
2019	1	4	31,990.76	13.82	0.82	13.82	0	0	0	0	0	0	0	0	0	0	0	0	1	21.1	19.86	0	0	0
2019	1	5	28,190.16	10.51	0	10.51	0	0	0	0	0	0	0	0	0	0	1	0	0	13.82	21.1	0	0	0
2019	1	6	29,347.65	11.89	0	11.89	0	0	0	0	0	0	0	0	0	1	0	0	0	10.51	13.82	0	0	0
2019	1	7	33,351.69	18.52	5.52	18.52	0	0	0	0	0	0	0	0	0	0	0	1	0	11.89	10.51	0	0	0
2019	1	8	34,762.55	18.68	5.68	18.68	0	0	0	0	0	0	0	0	0	0	0	0	0	18.52	11.89	0	0	0
2019	1	9	30,685.78	10.33	0	10.33	0	0	0	0	0	0	0	0	0	0	0	0	0	18.68	18.52	0	0	0
2019	1	10	29,049.98	11.55	0	11.55	0	0	0	0	0	0	0	0	0	0	0	0	0	10.33	18.68	0	0	0
2019	1	11	31,990.67	16.47	3.47	16.47	0	0	0	0	0	0	0	0	0	0	0	0	1	11.55	10.33	0	0	0
2019	1	12	35,857.09	22.25	9.25	22.25	0	0	0	0	0	0	0	0	0	0	1	0	0	16.47	11.55	0	0	0
2019	1	13	34,936.38	20.76	7.76	20.76	0	0	0	0	0	0	0	0	0	1	0	0	0	22.25	16.47	0	0	0
2019	1	14	35,806.47	22.4	9.4	22.4	0	0	0	0	0	0	0	0	0	0	0	1	0	20.76	22.25	0	0	0
2019	1	15	34,435.27	18.82	5.82	18.82	0	0	0	0	0	0	0	0	0	0	0	0	0	22.4	20.76	0	0	0
2019	1	16	33,087.40	16.04	3.04	16.04	0	0	0	0	0	0	0	0	0	0	0	0	0	18.82	22.4	0	0	0
2019	1	17	33,878.67	19.41	6.41	19.41	0	0	0	0	0	0	0	0	0	0	0	0	0	16.04	18.82	0	0	0
2019	1	18	36,315.32	19.33	6.33	19.33	0	0	0	0	0	0	0	0	0	0	0	0	1	19.41	16.04	0	0	0
2019	1	19	32,675.84	17.89	4.89	17.89	0	0	0	0	0	0	0	0	0	0	1	0	0	19.33	19.41	0	0	0
2019	1	20	34,219.89	15.71	2.71	15.71	0	0	0	0	0	0	0	0	0	1	0	0	0	17.89	19.33	0	0	0
2019	1	21	29,763.00	12.25	0	12.25	0	0	0	0	0	0	0	0	0	0	0	1	0	15.71	17.89	0	0	0
2019	1	22	36,756.04	22.21	9.21	22.21	0	0	0	0	0	0	0	0	0	0	0	0	0	12.25	15.71	0	0	0
2019	1	23	35,044.14	17.93	4.93	17.93	0	0	0	0	0	0	0	0	0	0	0	0	0	22.21	12.25	0	0	0
2019	1	24	27,917.05	6.69	0	6.69	0	0	0	0	0	0	0	0	0	0	0	0	0	17.93	22.21	0	0	0
2019	1	25	25,501.33	8.06	0	8.06	0	0	0	0	0	0	0	0	0	0	0	0	1	6.69	17.93	0	0	0
2019	1	26	29,079.16	13.68	0.68	13.68	0	0	0	0	0	0	0	0	0	0	1	0	0	8.06	6.69	0	0	0

2019	1	27	28,843.90	12.41	0	12.41	0	0	0	0	0	0	0	0	0	0	0	0	0	13.68	8.06	0	0	0
2019	1	28	29,464.50	12.44	0	12.44	0	0	0	0	0	0	0	0	0	0	0	1	0	12.41	13.68	0	0	0
2019	1	29	33,296.28	19.44	6.44	19.44	0	0	0	0	0	0	0	0	0	0	0	0	0	12.44	12.41	0	0	0
2019	1	30	31,701.49	13.25	0.25	13.25	0	0	0	0	0	0	0	0	0	0	0	0	0	19.44	12.44	0	0	0
2019	1	31	33,886.86	18.99	5.99	18.99	0	0	0	0	0	0	0	0	0	0	0	0	0	13.25	19.44	0	0	0
2019	2	1	37,106.70	22.03	9.03	0	22.03	0	0	0	0	0	0	0	0	0	0	0	1	18.99	13.25	0	0	0
2019	2	2	35,220.15	19.77	6.77	0	19.77	0	0	0	0	0	0	0	0	0	1	0	0	22.03	18.99	0	0	0
2019	2	3	33,648.72	19.4	6.4	0	19.4	0	0	0	0	0	0	0	0	1	0	0	0	19.77	22.03	0	0	0
2019	2	4	31,833.17	12.96	0	0	12.96	0	0	0	0	0	0	0	0	0	0	1	0	19.4	19.77	0	0	0
2019	2	5	28,633.34	9.71	0	0	9.71	0	0	0	0	0	0	0	0	0	0	0	0	12.96	19.4	0	0	0
2019	2	6	30,307.03	14	1	0	14	0	0	0	0	0	0	0	0	0	0	0	0	9.71	12.96	0	0	0
2019	2	7	31,869.72	16.36	3.36	0	16.36	0	0	0	0	0	0	0	0	0	0	0	0	14	9.71	0	0	0
2019	2	8	29,869.18	10.91	0	0	10.91	0	0	0	0	0	0	0	0	0	0	0	1	16.36	14	0	0	0
2019	2	9	32,974.23	17.19	4.19	0	17.19	0	0	0	0	0	0	0	0	0	1	0	0	10.91	16.36	0	0	0
2019	2	10	35,650.35	19.12	6.12	0	19.12	0	0	0	0	0	0	0	0	1	0	0	0	17.19	10.91	0	0	0
2019	2	11	36,687.61	20.8	7.8	0	20.8	0	0	0	0	0	0	0	0	0	0	1	0	19.12	17.19	0	0	0
2019	2	12	34,938.29	19.35	6.35	0	19.35	0	0	0	0	0	0	0	0	0	0	0	0	20.8	19.12	0	0	0
2019	2	13	33,825.20	15.53	2.53	0	15.53	0	0	0	0	0	0	0	0	0	0	0	0	19.35	20.8	0	0	0
2019	2	14	31,389.63	15.4	2.4	0	15.4	0	0	0	0	0	0	0	0	0	0	0	0	15.53	19.35	0	0	0
2019	2	15	31,840.28	16.59	3.59	0	16.59	0	0	0	0	0	0	0	0	0	0	0	1	15.4	15.53	0	0	0
2019	2	16	27,988.81	9.75	0	0	9.75	0	0	0	0	0	0	0	0	0	1	0	0	16.59	15.4	0	0	0
2019	2	17	29,512.25	15.67	2.67	0	15.67	0	0	0	0	0	0	0	0	1	0	0	0	9.75	16.59	0	0	0
2019	2	18	33,120.41	19.27	6.27	0	19.27	0	0	0	0	0	0	0	0	0	0	1	0	15.67	9.75	0	0	0
2019	2	19	35,331.91	21.5	8.5	0	21.5	0	0	0	0	0	0	0	0	0	0	0	0	19.27	15.67	0	0	0
2019	2	20	37,400.92	22.78	9.78	0	22.78	0	0	0	0	0	0	0	0	0	0	0	0	21.5	19.27	0	0	0
2019	2	21	36,269.31	19.77	6.77	0	19.77	0	0	0	0	0	0	0	0	0	0	0	0	22.78	21.5	0	0	0
2019	2	22	32,249.24	17.33	4.33	0	17.33	0	0	0	0	0	0	0	0	0	0	0	1	19.77	22.78	0	0	0
2019	2	23	32,050.19	18.09	5.09	0	18.09	0	0	0	0	0	0	0	0	0	1	0	0	17.33	19.77	0	0	0
2019	2	24	32,933.19	18.26	5.26	0	18.26	0	0	0	0	0	0	0	0	1	0	0	0	18.09	17.33	0	0	0
2019	2	25	30,866.81	12.29	0	0	12.29	0	0	0	0	0	0	0	0	0	0	1	0	18.26	18.09	0	0	0
2019	2	26	36,630.14	21.45	8.45	0	21.45	0	0	0	0	0	0	0	0	0	0	0	0	12.29	18.26	0	0	0
2019	2	27	39,372.83	24.44	11.44	0	24.44	0	0	0	0	0	0	0	0	0	0	0	0	21.45	12.29	0	0	0
2019	2	28	36,178.04	21.86	8.86	0	21.86	0	0	0	0	0	0	0	0	0	0	0	0	24.44	21.45	0	0	0
2019	3	1	33,307.12	17.73	4.73	0	0	17.73	0	0	0	0	0	0	0	0	0	0	1	21.86	24.44	0	0	0
2019	3	2	31,856.28	16.07	3.07	0	0	16.07	0	0	0	0	0	0	0	0	1	0	0	17.73	21.86	0	0	0
2019	3	3	31,020.89	17.45	4.45	0	0	17.45	0	0	0	0	0	0	0	1	0	0	0	16.07	17.73	0	0	0
2019	3	4	33,091.52	15.29	2.29	0	0	15.29	0	0	0	0	0	0	0	0	0	1	0	17.45	16.07	0	0	0
2019	3	5	31,354.12	16.24	3.24	0	0	16.24	0	0	0	0	0	0	0	0	0	0	0	15.29	17.45	0	0	0
2019	3	6	33,082.22	19.5	6.5	0	0	19.5	0	0	0	0	0	0	0	0	0	0	0	16.24	15.29	0	0	0
2019	3	7	35,259.60	22.57	9.57	0	0	22.57	0	0	0	0	0	0	0	0	0	0	0	19.5	16.24	0	0	0
2019	3	8	34,847.16	19.84	6.84	0	0	19.84	0	0	0	0	0	0	0	0	0	0	1	22.57	19.5	0	0	0
2019	3	9	29,482.88	13.69	0.69	0	0	13.69	0	0	0	0	0	0	0	0	1	0	0	19.84	22.57	0	0	0
2019	3	10	31,262.95	17.85	4.85	0	0	17.85	0	0	0	0	0	0	0	1	0	0	0	13.69	19.84	0	0	0
2019	3	11	28,262.90	9.45	0	0	0	9.45	0	0	0	0	0	0	0	0	0	1	0	17.85	13.69	0	0	0
2019	3	12	28,196.50	12.33	0	0	0	12.33	0	0	0	0	0	0	0	0	0	0	0	9.45	17.85	0	0	0
2019	3	13	27,701.25	13.42	0.42	0	0	13.42	0	0	0	0	0	0	0	0	0	0	0	12.33	9.45	0	0	0
2019	3	14	27,432.67	12.74	0	0	0	12.74	0	0	0	0	0	0	0	0	0	0	0	13.42	12.33	0	0	0
2019	3	15	26,810.98	10.63	0	0	0	10.63	0	0	0	0	0	0	0	0	0	0	1	12.74	13.42	0	0	0
2019	3	16	24,093.10	6.8	0	0	0	6.8	0	0	0	0	0	0	0	0	1	0	0	10.63	12.74	0	0	0
2019	3	17	27,109.51	13.6	0.6	0	0	13.6	0	0	0	0	0	0	0	1	0	0	0	6.8	10.63	0	0	0
2019	3	18	29,622.03	14.94	1.94	0	0	14.94	0	0	0	0	0	0	0	0	0	1	0	13.6	6.8	0	0	0
2019	3	19	29,645.34	15.51	2.51	0	0	15.51	0	0	0	0	0	0	0	0	0	0	0	14.94	13.6	0	0	0
2019	3	20	28,914.72	14.29	1.29	0	0	14.29	0	0	0	0	0	0	0	0	0	0	0	15.51	14.94	0	0	0
2019	3	21	27,148.63	12.64	0	0	0	12.64	0	0	0	0	0	0	0	0	0	0	0	14.29	15.51	0	0	0
2019	3	22	26,851.33	10.19	0	0	0	10.19	0	0	0	0	0	0	0	0	0	0	1	12.64	14.29	0	0	0
2019	3	23	25,676.16	10.02	0	0	0	10.02	0	0	0	0	0	0	0	0	1	0	0	10.19	12.64	0	0	0

2019	3	24	24,649.65	8.19	0	0	0	8.19	0	0	0	0	0	0	0	0	0	0	1	0	0	0	10.02	10.19	0	0	0
2019	3	25	26,149.46	10.73	0	0	0	10.73	0	0	0	0	0	0	0	0	0	1	0	0	0	8.19	10.02	0	0	0	
2019	3	26	27,791.65	13.76	0.76	0	0	13.76	0	0	0	0	0	0	0	0	0	0	0	0	0	10.73	8.19	0	0	0	
2019	3	27	28,500.83	15.2	2.2	0	0	15.2	0	0	0	0	0	0	0	0	0	0	0	0	0	13.76	10.73	0	0	0	
2019	3	28	27,666.38	13.2	0.2	0	0	13.2	0	0	0	0	0	0	0	0	0	0	0	0	0	15.2	13.76	0	0	0	
2019	3	29	25,469.32	8.36	0	0	0	8.36	0	0	0	0	0	0	0	0	0	0	0	1	0	13.2	15.2	0	0	0	
2019	3	30	24,162.89	8.46	0	0	0	8.46	0	0	0	0	0	0	0	0	1	0	0	0	0	8.36	13.2	0	0	0	
2019	3	31	22,333.57	8.73	0	0	0	8.73	0	0	0	0	0	0	0	1	0	0	0	0	0	8.46	8.36	0	0	0	
2019	4	1	24,744.57	9.2	0	0	0	0	9.2	0	0	0	0	0	0	0	0	1	0	0	0	8.73	8.46	0	0	0	
2019	4	2	26,082.60	11.18	0	0	0	0	11.18	0	0	0	0	0	0	0	0	0	0	0	0	9.2	8.73	0	0	0	
2019	4	3	27,893.36	9.87	0	0	0	0	9.87	0	0	0	0	0	0	0	0	0	0	0	0	11.18	9.2	0	0	0	
2019	4	4	27,182.48	10.13	0	0	0	0	10.13	0	0	0	0	0	0	0	0	0	0	0	0	9.87	11.18	0	0	0	
2019	4	5	26,968.12	11.04	0	0	0	0	11.04	0	0	0	0	0	0	0	0	0	0	1	0	10.13	9.87	0	0	0	
2019	4	6	26,391.70	10.56	0	0	0	0	10.56	0	0	0	0	0	0	0	1	0	0	0	0	11.04	10.13	0	0	0	
2019	4	7	23,551.20	7.21	0	0	0	0	7.21	0	0	0	0	0	0	0	1	0	0	0	0	10.56	11.04	0	0	0	
2019	4	8	27,873.59	14.99	1.99	0	0	0	14.99	0	0	0	0	0	0	0	0	0	1	0	0	7.21	10.56	0	0	0	
2019	4	9	28,454.43	14.84	1.84	0	0	0	14.84	0	0	0	0	0	0	0	0	0	0	0	0	14.99	7.21	0	0	0	
2019	4	10	27,855.95	13.39	0.39	0	0	0	13.39	0	0	0	0	0	0	0	0	0	0	0	0	14.84	14.99	0	0	0	
2019	4	11	25,841.67	9.88	0	0	0	0	9.88	0	0	0	0	0	0	0	0	0	0	0	0	13.39	14.84	0	0	0	
2019	4	12	23,727.68	6.35	0	0	0	0	6.35	0	0	0	0	0	0	0	0	0	0	1	0	9.88	13.39	0	0	0	
2019	4	13	22,787.77	5.78	0	0	0	0	5.78	0	0	0	0	0	0	0	1	0	0	0	0	6.35	9.88	0	0	0	
2019	4	14	20,503.44	1.97	0	0	0	0	1.97	0	0	0	0	0	0	0	1	0	0	0	0	5.78	6.35	0	0	0	
2019	4	15	23,202.48	6.78	0	0	0	0	6.78	0	0	0	0	0	0	0	0	0	1	0	0	1.97	5.78	0	0	0	
2019	4	16	24,190.02	8.36	0	0	0	0	8.36	0	0	0	0	0	0	0	0	0	0	0	0	6.78	1.97	0	0	0	
2019	4	17	26,375.04	10.96	0	0	0	0	10.96	0	0	0	0	0	0	0	0	0	0	0	0	8.36	6.78	0	0	0	
2019	4	18	24,530.31	10.61	0	0	0	0	10.61	0	0	0	0	0	0	0	0	0	0	0	0	10.96	8.36	0	0	0	
2019	4	19	23,514.29	6.01	0	0	0	0	6.01	0	0	0	0	0	0	0	0	0	0	1	0	10.61	10.96	0	0	0	
2019	4	20	21,049.49	2.62	0	0	0	0	2.62	0	0	0	0	0	0	0	0	1	0	0	0	6.01	10.61	0	0	0	
2019	4	21	19,562.65	2.8	0	0	0	0	2.8	0	0	0	0	0	0	0	1	0	0	0	0	2.62	6.01	0	0	0	
2019	4	22	20,498.66	4.31	0	0	0	0	4.31	0	0	0	0	0	0	0	0	0	1	0	0	2.8	2.62	0	0	0	
2019	4	23	22,924.63	7.03	0	0	0	0	7.03	0	0	0	0	0	0	0	0	0	0	0	0	4.31	2.8	0	0	0	
2019	4	24	22,976.94	6.65	0	0	0	0	6.65	0	0	0	0	0	0	0	0	0	0	0	0	7.03	4.31	0	0	0	
2019	4	25	24,362.86	8.71	0	0	0	0	8.71	0	0	0	0	0	0	0	0	0	0	0	0	6.65	7.03	0	0	0	
2019	4	26	23,678.92	9.74	0	0	0	0	9.74	0	0	0	0	0	0	0	0	0	0	1	0	8.71	6.65	0	0	0	
2019	4	27	24,488.37	8.52	0	0	0	0	8.52	0	0	0	0	0	0	0	0	1	0	0	0	9.74	8.71	0	0	0	
2019	4	28	21,847.28	6.2	0	0	0	0	6.2	0	0	0	0	0	0	0	1	0	0	0	0	8.52	9.74	0	0	0	
2019	4	29	22,899.40	6.85	0	0	0	0	6.85	0	0	0	0	0	0	0	0	0	1	0	0	6.2	8.52	0	0	0	
2019	4	30	23,111.51	6.78	0	0	0	0	6.78	0	0	0	0	0	0	0	0	0	0	0	0	6.85	6.2	0	0	0	
2019	5	1	23,107.35	6.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.78	6.85	0	0	0	
2019	5	2	22,332.75	5.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.19	6.78	0	0	0	
2019	5	3	21,669.71	6.26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.11	6.19	0	0	0	
2019	5	4	21,643.20	7.83	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6.26	5.11	0	0	0	
2019	5	5	20,073.80	5.58	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7.83	6.26	0	0	0	
2019	5	6	20,689.90	6.81	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5.58	7.83	0	0	0	
2019	5	7	20,756.10	5.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.81	5.58	0	0	0	
2019	5	8	20,048.71	2.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.23	6.81	0	0	0	
2019	5	9	21,659.72	5.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.67	5.23	0	0	0	
2019	5	10	22,519.25	7.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.25	2.67	0	0	0	
2019	5	11	20,896.44	3.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.65	5.25	0	0	0	
2019	5	12	20,564.64	4.42	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	3.08	7.65	0	0	0	
2019	5	13	21,878.43	8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4.42	3.08	0	0	0	
2019	5	14	24,192.39	8.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8.4	4.42	0	0	0	
2019	5	15	24,212.04	8.03	0																						

2019	5	19	20,290.96	3.58	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.97	5.56	0	0	0
2019	5	20	21,732.67	5.15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3.58	4.97	0	0	0
2019	5	21	22,063.16	6.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.15	3.58	0	0	0
2019	5	22	23,242.77	6.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.32	5.15	0	0	0
2019	5	23	21,305.52	2.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6.72	6.32	0	0	0
2019	5	24	21,368.03	5.2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.53	6.72	0	0	0
2019	5	25	19,508.83	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5.2	2.53	0	0	0
2019	5	26	20,116.31	4.56	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5.2	0	0	0
2019	5	27	21,223.64	5.83	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4.56	0	0	0	0
2019	5	28	20,330.89	3.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.83	4.56	0	0	0
2019	5	29	21,046.70	5.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.19	5.83	0	0	0
2019	5	30	20,631.50	5.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.91	3.19	0	0	0
2019	5	31	21,213.23	6.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5.05	5.91	0	0	0
2019	6	1	19,114.85	3.7	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6.1	5.05	0	0	0
2019	6	2	20,147.65	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3.7	6.1	0	0	0
2019	6	3	20,164.89	3.11	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4	3.7	0	0	0
2019	6	4	19,332.68	1.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.11	4	0	0	0
2019	6	5	20,242.40	3.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.7	3.11	0	0	0
2019	6	6	20,937.61	2.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.82	1.7	0	0	0
2019	6	7	19,145.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.23	3.82	0	0	0
2019	6	8	17,685.82	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2.23	0	0	0
2019	6	9	17,806.86	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2019	6	10	18,539.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2019	6	11	18,738.50	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	12	18,383.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0	0
2019	6	13	18,449.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.5	0	0	0
2019	6	14	18,518.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2019	6	15	17,508.91	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2019	6	16	17,588.30	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2019	6	17	18,933.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2019	6	18	18,877.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	19	18,812.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	20	18,625.15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	21	18,891.31	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2019	6	22	18,066.09	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.03	0	0	0	0
2019	6	23	17,493.33	0	0	0	0	0	0	0	0	0	0	0	1.08	1	0	0	0	0	0.03	0	0	0
2019	6	24	18,540.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2019	6	25	18,588.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	26	18,515.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	27	18,697.97	0.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	28	18,540.10	0.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.03	0	0	0	0
2019	6	29	17,605.46	0.37	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.13	0.03	0	0	0
2019	6	30	17,807.60	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.37	0.13	0	0	0
2019	7	1	18,155.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.37	0	0	0
2019	7	2	18,875.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	7	3	18,900.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	7	4	19,451.75	0	0	0	0	0	0	0	0	0	3.02	0	0	0	0	0	0	0	0	0	0	0
2019	7	5	20,438.89	0	0	0	0	0	0	0	0	0	5.99	0	0	0	0	0	1	0	0	0	0	0
2019	7	6	19,706.89	0	0	0	0	0	0	0	0	0	3.5	0	0	0	1	0	0	0	0	0	0	0
2019	7	7	18,511.01	0	0	0	0	0	0	0	0	0	2.39	0	0	1	0	0	0	0	0	0	0	0
2019	7	8	19,509.91	0	0	0	0	0	0	0	0	0	1.55	0	0	0	0	1	0	0	0	0	0	0
2019	7	9	19,394.55	0	0	0	0	0	0	0	0	0	3.04	0	0	0	0	0	0	0	0	0	0	0
2019	7	10	19,035.99	0	0	0	0	0	0	0	0	0	0.96	0	0	0	0	0	0	0	0	0	0	0
2019	7	11	19,006.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	7	12	18,123.00	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2019	7	13	18,258.89	0	0	0	0	0	0	0	0	0	0.27	0	0	0	1	0	0	0	0	0	0	0

2019	7	14	18,302.95	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2019	7	15	19,539.06	0	0	0	0	0	0	0	0	0	2.13	0	0	0	0	1	0	0	0	0	0
2019	7	16	20,380.83	0	0	0	0	0	0	0	0	0	3.59	0	0	0	0	0	0	0	0	0	0
2019	7	17	20,293.03	0	0	0	0	0	0	0	0	0	1.46	0	0	0	0	0	0	0	0	0	0
2019	7	18	20,282.18	0	0	0	0	0	0	0	0	0	2.29	0	0	0	0	0	0	0	0	0	0
2019	7	19	19,642.56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2019	7	20	19,935.06	0	0	0	0	0	0	0	0	0	5.87	0	0	0	1	0	0	0	0	0	0
2019	7	21	20,182.77	0	0	0	0	0	0	0	0	0	4.81	0	0	1	0	0	0	0	0	0	0
2019	7	22	21,099.82	0	0	0	0	0	0	0	0	0	3.07	0	0	0	0	1	0	0	0	0	0
2019	7	23	20,607.65	0	0	0	0	0	0	0	0	0	1.18	0	0	0	0	0	0	0	0	0	0
2019	7	24	20,154.54	0	0	0	0	0	0	0	0	0	0.49	0	0	0	0	0	0	0	0	0	0
2019	7	25	19,948.79	0	0	0	0	0	0	0	0	0	1.95	0	0	0	0	0	0	0	0	0	0
2019	7	26	19,860.13	0	0	0	0	0	0	0	0	0	1.39	0	0	0	0	0	1	0	0	0	0
2019	7	27	18,649.73	0	0	0	0	0	0	0	0	0	1.05	0	0	0	1	0	0	0	0	0	0
2019	7	28	18,567.36	0	0	0	0	0	0	0	0	0	0.58	0	0	1	0	0	0	0	0	0	0
2019	7	29	20,398.86	0	0	0	0	0	0	0	0	0	2.17	0	0	0	0	1	0	0	0	0	0
2019	7	30	21,758.01	0	0	0	0	0	0	0	0	0	2.99	0	0	0	0	0	0	0	0	0	0
2019	7	31	22,118.55	0	0	0	0	0	0	0	0	0	3.57	0	0	0	0	0	0	0	0	0	0
2019	8	1	21,951.53	0	0	0	0	0	0	0	0	4.3	0	0	0	0	0	0	0	0	0	0	0
2019	8	2	21,038.49	0	0	0	0	0	0	0	0	4.22	0	0	0	0	0	0	1	0	0	0	0
2019	8	3	19,178.99	0	0	0	0	0	0	0	0	3.6	0	0	0	0	1	0	0	0	0	0	0
2019	8	4	18,699.63	0	0	0	0	0	0	0	0	2.66	0	0	0	1	0	0	0	0	0	0	0
2019	8	5	18,987.08	0	0	0	0	0	0	0	0	2.3	0	0	0	0	0	1	0	0	0	0	0
2019	8	6	19,970.47	0	0	0	0	0	0	0	0	1.32	0	0	0	0	0	0	0	0	0	0	0
2019	8	7	19,955.90	0	0	0	0	0	0	0	0	0.78	0	0	0	0	0	0	0	0	0	0	0
2019	8	8	19,574.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	8	9	19,900.99	0	0	0	0	0	0	0	0	0.71	0	0	0	0	0	0	1	0	0	0	0
2019	8	10	18,517.71	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2019	8	11	18,168.68	0	0	0	0	0	0	0	0	0.52	0	0	0	1	0	0	0	0	0	0	0
2019	8	12	19,595.31	0	0	0	0	0	0	0	0	2.69	0	0	0	0	0	1	0	0	0	0	0
2019	8	13	19,804.24	0	0	0	0	0	0	0	0	0.3	0	0	0	0	0	0	0	0	0	0	0
2019	8	14	19,878.95	0	0	0	0	0	0	0	0	0.75	0	0	0	0	0	0	0	0	0	0	0
2019	8	15	19,905.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	8	16	19,399.34	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2019	8	17	18,404.96	0	0	0	0	0	0	0	0	0.45	0	0	0	0	1	0	0	0	0	0	0
2019	8	18	18,726.68	0	0	0	0	0	0	0	0	1.29	0	0	0	1	0	0	0	0	0	0	0
2019	8	19	20,392.31	0	0	0	0	0	0	0	0	1.81	0	0	0	0	0	1	0	0	0	0	0
2019	8	20	21,180.33	0	0	0	0	0	0	0	0	5.38	0	0	0	0	0	0	0	0	0	0	0
2019	8	21	20,385.83	0	0	0	0	0	0	0	0	1.9	0	0	0	0	0	0	0	0	0	0	0
2019	8	22	21,069.67	0	0	0	0	0	0	0	0	4.31	0	0	0	0	0	0	0	0	0	0	0
2019	8	23	20,418.10	0	0	0	0	0	0	0	0	3.9	0	0	0	0	0	0	1	0	0	0	0
2019	8	24	17,915.91	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2019	8	25	17,452.91	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2019	8	26	18,936.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2019	8	27	19,459.95	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	8	28	19,487.23	0	0	0	0	0	0	0	0	2.84	0	0	0	0	0	0	0	0	0	0	0
2019	8	29	20,258.31	0	0	0	0	0	0	0	0	0.96	0	0	0	0	0	0	0	0	0	0	0
2019	8	30	20,598.72	0	0	0	0	0	0	0	0	3.87	0	0	0	0	0	0	1	0	0	0	0
2019	8	31	18,713.30	0	0	0	0	0	0	0	0	2.43	0	0	0	0	1	0	0	0	0	0	0
2019	9	1	17,421.22	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2019	9	2	18,132.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2019	9	3	19,541.19	0	0	0	0	0	0	0	0	0	0	1.86	0	0	0	0	0	0	0	0	0
2019	9	4	19,797.21	0	0	0	0	0	0	0	0	0	0	1.44	0	0	0	0	0	0	0	0	0
2019	9	5	19,515.79	0	0	0	0	0	0	0	0	0	0	1.69	0	0	0	0	0	0	0	0	0
2019	9	6	19,116.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2019	9	7	14,262.09	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

2019	9	8	9,722.18	0.03	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0		
2019	9	9	15,275.36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.03	0	1	0	0	
2019	9	10	17,641.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	
2019	9	11	18,656.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	12	18,657.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	13	18,808.30	0.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	
2019	9	14	18,060.85	0.47	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.5	0	0	0	0	
2019	9	15	17,764.88	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.47	0.5	0	0	0	
2019	9	16	18,506.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.47	0	0	0	
2019	9	17	18,861.44	1.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	18	19,257.41	2.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.02	0	0	0	0	
2019	9	19	19,548.15	2.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.25	1.02	0	0	0	
2019	9	20	18,910.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.71	2.25	0	0	0	
2019	9	21	17,407.10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2.71	0	0	0	
2019	9	22	17,839.03	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2019	9	23	18,696.06	0	0	0	0	0	0	0	0	0	0	0	0.63	0	0	0	1	0	0	0	0	0	0	
2019	9	24	18,889.05	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	25	18,602.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	26	18,531.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	27	18,156.20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	28	17,551.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
2019	9	29	17,690.06	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	
2019	9	30	19,114.35	3.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	
2019	10	1	20,025.61	2.11	0	0	0	0	0	2.11	0	0	0	0	0	0	0	0	0	0	3.52	0	0	0	0	
2019	10	2	19,976.13	1.06	0	0	0	0	0	1.06	0	0	0	0	0	0	0	0	0	0	2.11	3.52	0	0	0	
2019	10	3	20,767.00	5.75	0	0	0	0	0	5.75	0	0	0	0	0	0	0	0	0	0	1.06	2.11	0	0	0	
2019	10	4	21,474.89	5.59	0	0	0	0	0	5.59	0	0	0	0	0	0	0	0	0	1	5.75	1.06	0	0	0	
2019	10	5	20,568.29	5.41	0	0	0	0	0	5.41	0	0	0	0	0	0	0	1	0	0	5.59	5.75	0	0	0	
2019	10	6	19,945.05	2.95	0	0	0	0	0	2.95	0	0	0	0	0	0	0	1	0	0	5.41	5.59	0	0	0	
2019	10	7	19,160.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.95	5.41	0	0	0	
2019	10	8	18,810.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.95	0	0	0	
2019	10	9	19,391.94	1.53	0	0	0	0	0	1.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	10	10	20,060.05	2.54	0	0	0	0	0	2.54	0	0	0	0	0	0	0	0	0	0	1.53	0	0	0	0	
2019	10	11	20,269.51	1.95	0	0	0	0	0	1.95	0	0	0	0	0	0	0	0	0	1	2.54	1.53	0	0	0	
2019	10	12	20,050.22	0.43	0	0	0	0	0	0.43	0	0	0	0	0	0	0	0	1	0	0	1.95	2.54	0	0	0
2019	10	13	19,302.19	1.46	0	0	0	0	0	1.46	0	0	0	0	0	0	0	1	0	0	0.43	1.95	0	0	0	
2019	10	14	19,859.06	2.18	0	0	0	0	0	2.18	0	0	0	0	0	0	0	0	0	1	0	1.46	0.43	0	0	0
2019	10	15	19,765.09	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.18	1.46	0	0	0	
2019	10	16	20,547.55	3.57	0	0	0	0	0	3.57	0	0	0	0	0	0	0	0	0	0	0	2.18	0	0	0	
2019	10	17	20,707.49	0.43	0	0	0	0	0	0.43	0	0	0	0	0	0	0	0	0	0	3.57	0	0	0	0	
2019	10	18	19,926.79	1.73	0	0	0	0	0	1.73	0	0	0	0	0	0	0	0	0	0	1	0.43	3.57	0	0	0
2019	10	19	20,122.90	3.88	0	0	0	0	0	3.88	0	0	0	0	0	0	0	0	1	0	0	1.73	0.43	0	0	0
2019	10	20	20,118.19	3.79	0	0	0	0	0	3.79	0	0	0	0	0	0	0	1	0	0	0	3.88	1.73	0	0	0
2019	10	21	21,151.47	4.16	0	0	0	0	0	4.16	0	0	0	0	0	0	0	0	0	1	0	3.79	3.88	0	0	0
2019	10	22	20,932.44	3.51	0	0	0	0	0	3.51	0	0	0	0	0	0	0	0	0	0	0	4.16	3.79	0	0	0
2019	10	23	21,299.22	1.33	0	0	0	0	0	1.33	0	0	0	0	0	0	0	0	0	0	0	3.51	4.16	0	0	0
2019	10	24	20,021.65	1.48	0	0	0	0	0	1.48	0	0	0	0	0	0	0	0	0	0	0	1.33	3.51	0	0	0
2019	10	25	20,328.78	2.18	0	0	0	0	0	2.18	0	0	0	0	0	0	0	0	0	0	1	1.48	1.33	0	0	0
2019	10	26	20,859.48	5.41	0	0	0	0	0	5.41	0	0	0	0	0	0	0	0	1	0	0	2.18	1.48	0	0	0
2019	10	27	22,025.09	6.93	0	0	0	0	0	6.93	0	0	0	0	0	0	0	1	0	0	0	5.41	2.18	0	0	0
2019	10	28	22,095.68	6.45	0	0	0	0	0	6.45	0	0	0	0	0	0	0	0	0	1	0	6.93	5.41	0	0	0
2019	10	29	22,424.31	6.9	0	0	0	0	0	6.9	0	0	0	0	0	0	0	0	0	0	0	6.45	6.93	0	0	0
2019	10	30	22,093.31	4.21	0	0	0	0	0	4.21	0	0	0	0	0	0	0	0	0	0	0	6.9	6.45	0	0	0
2019	10	31	20,395.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.21	6.9	0	0	0
2019	11	1	18,961.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4.21	0	0	0	0
2019	11	2	20,438.66	6.																						

2019	11	3	21,906.58	5.65	0	0	0	0	0	5.65	0	0	0	0	0	1	0	0	0	6.73	0	0	0	0
2019	11	4	22,912.95	7.2	0	0	0	0	0	7.2	0	0	0	0	0	0	0	1	0	5.65	6.73	0	0	0
2019	11	5	22,864.55	4.48	0	0	0	0	0	4.48	0	0	0	0	0	0	0	0	0	7.2	5.65	0	0	0
2019	11	6	21,066.43	2.61	0	0	0	0	0	2.61	0	0	0	0	0	0	0	0	0	4.48	7.2	0	0	0
2019	11	7	23,833.94	6.53	0	0	0	0	0	6.53	0	0	0	0	0	0	0	0	0	2.61	4.48	0	0	0
2019	11	8	24,236.90	8.3	0	0	0	0	0	8.3	0	0	0	0	0	0	0	0	1	6.53	2.61	0	0	0
2019	11	9	25,969.43	13.81	0.81	0	0	0	0	13.81	0	0	0	0	0	0	1	0	0	8.3	6.53	0	0	0
2019	11	10	24,747.48	8.05	0	0	0	0	0	8.05	0	0	0	0	0	1	0	0	0	13.81	8.3	0	0	0
2019	11	11	22,608.81	5.15	0	0	0	0	0	5.15	0	0	0	0	0	0	0	1	0	8.05	13.81	0	0	0
2019	11	12	22,573.81	1.36	0	0	0	0	0	1.36	0	0	0	0	0	0	0	0	0	5.15	8.05	0	0	0
2019	11	13	27,050.32	13.55	0.55	0	0	0	0	13.55	0	0	0	0	0	0	0	0	0	1.36	5.15	0	0	0
2019	11	14	28,908.30	15.12	2.12	0	0	0	0	15.12	0	0	0	0	0	0	0	0	0	13.55	1.36	0	0	0
2019	11	15	25,341.14	5.8	0	0	0	0	0	5.8	0	0	0	0	0	0	0	0	1	15.12	13.55	0	0	0
2019	11	16	27,623.77	14.05	1.05	0	0	0	0	14.05	0	0	0	0	0	0	1	0	0	5.8	15.12	0	0	0
2019	11	17	28,135.30	15.06	2.06	0	0	0	0	15.06	0	0	0	0	0	1	0	0	0	14.05	5.8	0	0	0
2019	11	18	27,816.87	9.59	0	0	0	0	0	9.59	0	0	0	0	0	0	0	1	0	15.06	14.05	0	0	0
2019	11	19	25,100.29	7.33	0	0	0	0	0	7.33	0	0	0	0	0	0	0	0	0	9.59	15.06	0	0	0
2019	11	20	25,801.43	9.76	0	0	0	0	0	9.76	0	0	0	0	0	0	0	0	0	7.33	9.59	0	0	0
2019	11	21	25,883.29	8.96	0	0	0	0	0	8.96	0	0	0	0	0	0	0	0	0	9.76	7.33	0	0	0
2019	11	22	25,838.93	8.55	0	0	0	0	0	8.55	0	0	0	0	0	0	0	0	1	8.96	9.76	0	0	0
2019	11	23	26,230.53	10.85	0	0	0	0	0	10.85	0	0	0	0	0	0	1	0	0	8.55	8.96	0	0	0
2019	11	24	26,463.44	9.41	0	0	0	0	0	9.41	0	0	0	0	0	1	0	0	0	10.85	8.55	0	0	0
2019	11	25	24,951.38	6.23	0	0	0	0	0	6.23	0	0	0	0	0	0	0	1	0	9.41	10.85	0	0	0
2019	11	26	24,759.99	6.9	0	0	0	0	0	6.9	0	0	0	0	0	0	0	0	0	6.23	9.41	0	0	0
2019	11	27	24,137.12	6.43	0	0	0	0	0	6.43	0	0	0	0	0	0	0	0	0	6.9	6.23	0	0	0
2019	11	28	26,703.18	9.53	0	0	0	0	0	9.53	0	0	0	0	0	0	0	0	0	6.43	6.9	0	0	0
2019	11	29	28,836.95	12.5	0	0	0	0	0	12.5	0	0	0	0	0	0	0	0	1	9.53	6.43	0	0	0
2019	11	30	30,812.67	14.65	1.65	0	0	0	0	14.65	0	0	0	0	0	0	1	0	0	12.5	9.53	0	0	0
2019	12	1	30,360.71	16.82	3.82	0	0	0	0	0	16.82	0	0	0	0	1	0	0	0	14.65	12.5	0	0	0
2019	12	2	31,494.56	14.7	1.7	0	0	0	0	0	14.7	0	0	0	0	0	0	1	0	16.82	14.65	0	0	0
2019	12	3	29,156.91	8.35	0	0	0	0	0	0	8.35	0	0	0	0	0	0	0	0	14.7	16.82	0	0	0
2019	12	4	27,775.43	10.66	0	0	0	0	0	0	10.66	0	0	0	0	0	0	0	0	8.35	14.7	0	0	0
2019	12	5	28,892.34	11.83	0	0	0	0	0	0	11.83	0	0	0	0	0	0	0	0	10.66	8.35	0	0	0
2019	12	6	29,249.84	12.24	0	0	0	0	0	0	12.24	0	0	0	0	0	0	0	1	11.83	10.66	0	0	0
2019	12	7	30,598.81	16.48	3.48	0	0	0	0	0	16.48	0	0	0	0	0	1	0	0	12.24	11.83	0	0	0
2019	12	8	32,111.94	17.24	4.24	0	0	0	0	0	17.24	0	0	0	0	1	0	0	0	16.48	12.24	0	0	0
2019	12	9	28,238.91	6.73	0	0	0	0	0	0	6.73	0	0	0	0	0	0	1	0	17.24	16.48	0	0	0
2019	12	10	23,748.94	1.83	0	0	0	0	0	0	1.83	0	0	0	0	0	0	0	0	6.73	17.24	0	0	0
2019	12	11	28,456.93	11.44	0	0	0	0	0	0	11.44	0	0	0	0	0	0	0	0	1.83	6.73	0	0	0
2019	12	12	32,385.43	17.58	4.58	0	0	0	0	0	17.58	0	0	0	0	0	0	0	0	11.44	1.83	0	0	0
2019	12	13	33,334.93	15.99	2.99	0	0	0	0	0	15.99	0	0	0	0	0	0	0	1	17.58	11.44	0	0	0
2019	12	14	28,184.57	6.45	0	0	0	0	0	0	6.45	0	0	0	0	0	1	0	0	15.99	17.58	0	0	0
2019	12	15	24,409.43	4.15	0	0	0	0	0	0	4.15	0	0	0	0	1	0	0	0	6.45	15.99	0	0	0
2019	12	16	31,740.68	14.13	1.13	0	0	0	0	0	14.13	0	0	0	0	0	0	1	0	4.15	6.45	0	0	0
2019	12	17	32,990.21	15.32	2.32	0	0	0	0	0	15.32	0	0	0	0	0	0	0	0	14.13	4.15	0	0	0
2019	12	18	32,160.27	16.28	3.28	0	0	0	0	0	16.28	0	0	0	0	0	0	0	0	15.32	14.13	0	0	0
2019	12	19	34,102.64	19.74	6.74	0	0	0	0	0	19.74	0	0	0	0	0	0	0	0	16.28	15.32	0	0	0
2019	12	20	33,824.12	16.5	3.5	0	0	0	0	0	16.5	0	0	0	0	0	0	0	1	19.74	16.28	0	0	0
2019	12	21	30,833.89	14.83	1.83	0	0	0	0	0	14.83	0	0	0	0	0	1	0	0	16.5	19.74	0	0	0
2019	12	22	31,438.59	14.18	1.18	0	0	0	0	0	14.18	0	0	0	0	1	0	0	0	14.83	16.5	0	0	0
2019	12	23	29,400.05	11.45	0	0	0	0	0	0	11.45	0	0	0	0	0	0	1	0	14.18	14.83	0	0	0
2019	12	24	29,500.65	11.4	0	0	0	0	0	0	11.4	0	0	0	0	0	0	0	0	11.45	14.18	0	0	0
2019	12	25	30,635.84	16.15	3.15	0	0	0	0	0	16.15	0	0	0	0	0	0	0	0	11.4	11.45	0	0	0
2019	12	26	32,701.90	19.7	6.7	0	0	0	0	0	19.7	0	0	0	0	0	0	0	0	16.15	11.4	0	0	0
2019	12	27	32,477.74	15.86	2.86	0	0	0	0	0	15.86	0	0	0	0	0	0	0	1	19.7	16.15	0	0	0
2019	12	28	28,045.65	9.25	0	0	0	0	0	0	9.25	0	0	0	0	0	1	0	0	15.86	19.7	0	0	0

2019	12	29	29,177.88	13.12	0.12	0	0	0	0	0	0	13.12	0	0	0	0	1	0	0	0	9.25	15.86	0	0	0
2019	12	30	31,031.29	15.29	2.29	0	0	0	0	0	0	15.29	0	0	0	0	0	0	1	0	13.12	9.25	0	0	0
2019	12	31	30,529.97	12.19	0	0	0	0	0	0	0	12.19	0	0	0	0	0	0	0	0	15.29	13.12	0	0	0
2020	1	1	27,139.03	10.02	0	10.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12.19	15.29	0	0	0
2020	1	2	29,333.67	11.33	0	11.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10.02	12.19	0	0	0
2020	1	3	28,594.54	10.81	0	10.81	0	0	0	0	0	0	0	0	0	0	0	0	1	0	11.33	10.02	0	0	0
2020	1	4	27,049.94	9.6	0	9.6	0	0	0	0	0	0	0	0	0	0	1	0	0	0	10.81	11.33	0	0	0
2020	1	5	29,671.59	13.35	0.35	13.35	0	0	0	0	0	0	0	0	0	1	0	0	0	0	9.6	10.81	0	0	0
2020	1	6	32,656.81	17.88	4.88	17.88	0	0	0	0	0	0	0	0	0	0	0	1	0	0	13.35	9.6	0	0	0
2020	1	7	31,415.02	14.5	1.5	14.5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.88	13.35	0	0	0
2020	1	8	31,979.50	14.73	1.73	14.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.5	17.88	0	0	0
2020	1	9	33,450.70	18.3	5.3	18.3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.73	14.5	0	0	0
2020	1	10	34,076.84	16.75	3.75	16.75	0	0	0	0	0	0	0	0	0	0	0	0	0	1	18.3	14.73	0	0	0
2020	1	11	27,057.14	6.68	0	6.68	0	0	0	0	0	0	0	0	0	0	1	0	0	0	16.75	18.3	0	0	0
2020	1	12	28,832.24	10.47	0	10.47	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6.68	16.75	0	0	0
2020	1	13	33,001.50	16.91	3.91	16.91	0	0	0	0	0	0	0	0	0	0	0	1	0	0	10.47	6.68	0	0	0
2020	1	14	33,048.23	15.11	2.11	15.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.91	10.47	0	0	0
2020	1	15	32,639.42	14.9	1.9	14.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.11	16.91	0	0	0
2020	1	16	33,141.24	17.51	4.51	17.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.9	15.11	0	0	0
2020	1	17	37,972.37	22.68	9.68	22.68	0	0	0	0	0	0	0	0	0	0	0	0	0	1	17.51	14.9	0	0	0
2020	1	18	39,456.57	26.5	13.5	26.5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	22.68	17.51	0	0	0
2020	1	19	35,214.77	16.3	3.3	16.3	0	0	0	0	0	0	0	0	0	1	0	0	0	0	26.5	22.68	0	0	0
2020	1	20	33,394.39	16.47	3.47	16.47	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16.3	26.5	0	0	0
2020	1	21	36,542.24	23.64	10.64	23.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16.47	16.3	0	0	0
2020	1	22	36,995.87	21.64	8.64	21.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23.64	16.47	0	0	0
2020	1	23	32,204.07	13.57	0.57	13.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.64	23.64	0	0	0
2020	1	24	30,289.99	13.55	0.55	13.55	0	0	0	0	0	0	0	0	0	0	0	0	1	0	13.57	21.64	0	0	0
2020	1	25	30,869.12	15.51	2.51	15.51	0	0	0	0	0	0	0	0	0	0	1	0	0	0	13.55	13.57	0	0	0
2020	1	26	29,103.79	10.13	0	10.13	0	0	0	0	0	0	0	0	0	1	0	0	0	0	15.51	13.55	0	0	0
2020	1	27	27,377.74	9.87	0	9.87	0	0	0	0	0	0	0	0	0	0	0	1	0	0	10.13	15.51	0	0	0
2020	1	28	30,826.17	14.6	1.6	14.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9.87	10.13	0	0	0
2020	1	29	32,848.41	17.75	4.75	17.75	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14.6	9.87	0	0	0
2020	1	30	35,787.41	20.86	7.86	20.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17.75	14.6	0	0	0
2020	1	31	32,737.42	14.13	1.13	14.13	0	0	0	0	0	0	0	0	0	0	0	0	1	0	20.86	17.75	0	0	0
2020	2	1	31,690.40	15.21	2.21	0	15.21	0	0	0	0	0	0	0	0	0	1	0	0	0	14.13	20.86	0	0	0
2020	2	2	29,852.51	14.43	1.43	0	14.43	0	0	0	0	0	0	0	0	1	0	0	0	0	15.21	14.13	0	0	0
2020	2	3	29,659.93	13.43	0.43	0	13.43	0	0	0	0	0	0	0	0	0	0	1	0	0	14.43	15.21	0	0	0
2020	2	4	28,248.31	11.4	0	0	11.4	0	0	0	0	0	0	0	0	0	0	0	0	0	13.43	14.43	0	0	0
2020	2	5	29,002.35	13.65	0.65	0	13.65	0	0	0	0	0	0	0	0	0	0	0	0	0	11.4	13.43	0	0	0
2020	2	6	34,511.03	18.51	5.51	0	18.51	0	0	0	0	0	0	0	0	0	0	0	0	0	13.65	11.4	0	0	0
2020	2	7	31,147.31	11.12	0	0	11.12	0	0	0	0	0	0	0	0	0	0	0	1	0	18.51	13.65	0	0	0
2020	2	8	30,030.75	15.78	2.78	0	15.78	0	0	0	0	0	0	0	0	0	1	0	0	0	11.12	18.51	0	0	0
2020	2	9	33,511.46	20.19	7.19	0	20.19	0	0	0	0	0	0	0	0	1	0	0	0	0	15.78	11.12	0	0	0
2020	2	10	32,698.62	13.38	0.38	0	13.38	0	0	0	0	0	0	0	0	0	0	1	0	0	20.19	15.78	0	0	0
2020	2	11	29,884.41	12.28	0	0	12.28	0	0	0	0	0	0	0	0	0	0	0	0	0	13.38	20.19	0	0	0
2020	2	12	29,703.37	12.79	0	0	12.79	0	0	0	0	0	0	0	0	0	0	0	0	0	12.28	13.38	0	0	0
2020	2	13	30,485.65	12.49	0	0	12.49	0	0	0	0	0	0	0	0	0	0	0	0	0	12.79	12.28	0	0	0
2020	2	14	34,776.62	23.4	10.4	0	23.4	0	0	0	0	0	0	0	0	0	0	0	1	0	23.4	12.79	0	0	0
2020	2	15	36,532.59	24.01	11.01	0	24.01	0	0	0	0	0	0	0	0	0	1	0	0	0	24.01	23.4	0	0	0
2020	2	16	30,709.13	12.9	0	0	12.9	0	0	0	0	0	0	0	0	1	0	0	0	0	12.9	24.01	0	0	0
2020	2	17	27,779.66	11.47	0	0	11.47	0	0	0	0	0	0	0	0	0	0	1	0	0	11.47	12.9	0	0	0
2020	2	18	32,134.83	18.71	5.71	0	18.71	0	0	0	0	0	0	0	0	0	0	0	0	0	18.71	11.47	0	0	0
2020	2	19	29,270.37	10.15	0	0	10.15	0	0	0	0	0	0	0	0	0	0	0	0	0	10.15	18.71	0	0	0
2020	2	20	34,586.24	20.98	7.98	0	20.98	0	0	0	0	0	0	0	0	0	0	0	0	0	20.98	10.15	0	0	0
2020	2	21	36,011.95	22.71	9.71	0	22.71	0	0	0	0	0	0	0	0	0	0	0	1	0	22.71	20.98	0	0	0
2020	2	22	32,187.25	14.43	1.43	0	14.43	0	0	0	0	0	0	0	0	0	1	0	0	0	14.43	22.71	0	0	0

2020	2	23	28,240.01	11.69	0	0	11.69	0	0	0	0	0	0	0	0	1	0	0	0	14.43	22.71	0	0	0
2020	2	24	27,473.59	11.96	0	0	11.96	0	0	0	0	0	0	0	0	0	0	1	0	11.69	14.43	0	0	0
2020	2	25	27,634.39	10.63	0	0	10.63	0	0	0	0	0	0	0	0	0	0	0	0	11.96	11.69	0	0	0
2020	2	26	26,485.81	9.72	0	0	9.72	0	0	0	0	0	0	0	0	0	0	0	0	10.63	11.96	0	0	0
2020	2	27	30,221.42	12.45	0	0	12.45	0	0	0	0	0	0	0	0	0	0	0	0	9.72	10.63	0	0	0
2020	2	28	28,775.05	12.28	0	0	12.28	0	0	0	0	0	0	0	0	0	0	0	1	12.45	9.72	0	0	0
2020	2	29	28,820.25	13.4	0.4	0	13.4	0	0	0	0	0	0	0	0	0	1	0	0	12.28	12.45	0	0	0
2020	3	1	29,775.82	14.4	1.4	0	0	14.4	0	0	0	0	0	0	0	1	0	0	0	13.4	12.28	0	0	0
2020	3	2	28,304.69	13.59	0.59	0	0	13.59	0	0	0	0	0	0	0	0	0	1	0	14.4	13.4	0	0	0
2020	3	3	26,948.77	8.74	0	0	0	8.74	0	0	0	0	0	0	0	0	0	0	0	13.59	14.4	0	0	0
2020	3	4	26,793.30	8.34	0	0	0	8.34	0	0	0	0	0	0	0	0	0	0	0	8.74	13.59	0	0	0
2020	3	5	28,208.10	10.54	0	0	0	10.54	0	0	0	0	0	0	0	0	0	0	0	8.34	8.74	0	0	0
2020	3	6	27,956.97	13.08	0.08	0	0	13.08	0	0	0	0	0	0	0	0	0	0	1	10.54	8.34	0	0	0
2020	3	7	33,065.95	17.58	4.58	0	0	17.58	0	0	0	0	0	0	0	0	1	0	0	13.08	10.54	0	0	0
2020	3	8	29,878.68	14.97	1.97	0	0	14.97	0	0	0	0	0	0	0	1	0	0	0	17.58	13.08	0	0	0
2020	3	9	28,790.38	12.58	0	0	0	12.58	0	0	0	0	0	0	0	0	0	1	0	14.97	17.58	0	0	0
2020	3	10	29,998.40	12.65	0	0	0	12.65	0	0	0	0	0	0	0	0	0	0	0	12.58	14.97	0	0	0
2020	3	11	27,660.73	10.49	0	0	0	10.49	0	0	0	0	0	0	0	0	0	0	0	12.65	12.58	0	0	0
2020	3	12	28,288.61	13.62	0.62	0	0	13.62	0	0	0	0	0	0	0	0	0	0	0	10.49	12.65	0	0	0
2020	3	13	29,250.93	11.74	0	0	0	11.74	0	0	0	0	0	0	0	0	0	0	1	13.62	10.49	0	0	0
2020	3	14	25,603.51	8.21	0	0	0	8.21	0	0	0	0	0	0	0	0	1	0	0	11.74	13.62	0	0	0
2020	3	15	27,612.28	13.68	0.68	0	0	13.68	0	0	0	0	0	0	0	1	0	0	0	8.21	11.74	0	0	0
2020	3	16	29,823.21	16.6	3.6	0	0	16.6	0	0	0	0	0	0	0	0	0	1	0	13.68	8.21	0	0	0
2020	3	17	30,290.14	14.83	1.83	0	0	14.83	0	0	0	0	0	0	0	0	0	0	0	16.6	13.68	0	0	0
2020	3	18	26,597.46	10.53	0	0	0	10.53	0	0	0	0	0	0	0	0	0	0	0	14.83	16.6	0	0	0
2020	3	19	27,110.07	11.7	0	0	0	11.7	0	0	0	0	0	0	0	0	0	0	0	10.53	14.83	0	0	0
2020	3	20	25,503.29	7.71	0	0	0	7.71	0	0	0	0	0	0	0	0	0	0	1	11.7	10.53	0	0	0
2020	3	21	23,697.42	8.29	0	0	0	8.29	0	0	0	0	0	0	0	0	1	0	0	7.71	11.7	0	0	0
2020	3	22	29,273.45	17.63	4.63	0	0	17.63	0	0	0	0	0	0	0	1	0	0	0	8.29	7.71	0	0	0
2020	3	23	29,998.08	16.47	3.47	0	0	16.47	0	0	0	0	0	0	0	0	0	1	0	17.63	8.29	0	0	0
2020	3	24	28,754.52	11.52	0	0	0	11.52	0	0	0	0	0	0	0	0	0	0	0	16.47	17.63	0	0	0
2020	3	25	26,688.67	11.69	0	0	0	11.69	0	0	0	0	0	0	0	0	0	0	0	11.52	16.47	0	0	0
2020	3	26	28,435.42	12.59	0	0	0	12.59	0	0	0	0	0	0	0	0	0	0	0	11.69	11.52	0	0	0
2020	3	27	28,004.10	12.21	0	0	0	12.21	0	0	0	0	0	0	0	0	0	0	1	12.59	11.69	0	0	0
2020	3	28	24,676.31	8.56	0	0	0	8.56	0	0	0	0	0	0	0	0	1	0	0	12.21	12.59	0	0	0
2020	3	29	24,196.35	10.44	0	0	0	10.44	0	0	0	0	0	0	0	1	0	0	0	8.56	12.21	0	0	0
2020	3	30	25,569.62	11.73	0	0	0	11.73	0	0	0	0	0	0	0	0	0	1	0	10.44	8.56	0	0	0
2020	3	31	27,540.86	12.46	0	0	0	12.46	0	0	0	0	0	0	0	0	0	0	0	11.73	10.44	0	0	0
2020	4	1	26,308.75	8.86	0	0	0	0	8.86	0	0	0	0	0	0	0	0	0	0	12.46	11.73	0	0	0
2020	4	2	25,300.22	6.2	0	0	0	0	6.2	0	0	0	0	0	0	0	0	0	0	8.86	12.46	0	0	0
2020	4	3	24,998.73	6.06	0	0	0	0	6.06	0	0	0	0	0	0	0	0	0	1	6.2	8.86	0	0	0
2020	4	4	25,256.01	10.4	0	0	0	0	10.4	0	0	0	0	0	0	0	1	0	0	6.06	6.2	0	0	0
2020	4	5	24,331.90	12.35	0	0	0	0	12.35	0	0	0	0	0	0	1	0	0	0	10.4	6.06	0	0	0
2020	4	6	23,888.48	7.34	0	0	0	0	7.34	0	0	0	0	0	0	0	0	1	0	12.35	10.4	0	0	0
2020	4	7	24,590.94	10.66	0	0	0	0	10.66	0	0	0	0	0	0	0	0	0	0	7.34	12.35	0	0	0
2020	4	8	24,428.69	9.43	0	0	0	0	9.43	0	0	0	0	0	0	0	0	0	0	10.66	7.34	0	0	0
2020	4	9	24,756.27	11.87	0	0	0	0	11.87	0	0	0	0	0	0	0	0	0	0	9.43	10.66	0	0	0
2020	4	10	25,206.11	10.14	0	0	0	0	10.14	0	0	0	0	0	0	0	0	0	1	11.87	9.43	0	0	0
2020	4	11	24,491.14	9.18	0	0	0	0	9.18	0	0	0	0	0	0	0	1	0	0	10.14	11.87	0	0	0
2020	4	12	22,473.08	7.25	0	0	0	0	7.25	0	0	0	0	0	0	1	0	0	0	9.18	10.14	0	0	0
2020	4	13	23,029.09	8.03	0	0	0	0	8.03	0	0	0	0	0	0	0	0	1	0	7.25	9.18	0	0	0
2020	4	14	20,433.12	2.67	0	0	0	0	2.67	0	0	0	0	0	0	0	0	0	0	8.03	7.25	0	0	0
2020	4	15	23,350.85	8.9	0	0	0	0	8.9	0	0	0	0	0	0	0	0	0	0	2.67	8.03	0	0	0
2020	4	16	23,774.34	9.7	0	0	0	0	9.7	0	0	0	0	0	0	0	0	0	0	8.9	2.67	0	0	0
2020	4	17	24,192.80	10.38	0	0	0	0	10.38	0	0	0	0	0	0	0	0	0	1	9.7	8.9	0	0	0
2020	4	18	24,207.43	11.61	0	0	0	0	11.61	0	0	0	0	0	0	0	1	0	0	10.38	9.7	0	0	0

2020	4	19	23,546.67	8.38	0	0	0	0	8.38	0	0	0	0	0	0	0	1	0	0	0	11.61	10.38	0	0	0
2020	4	20	22,271.78	5.91	0	0	0	0	5.91	0	0	0	0	0	0	0	0	0	1	0	8.38	11.61	0	0	0
2020	4	21	22,344.25	9.43	0	0	0	0	9.43	0	0	0	0	0	0	0	0	0	0	0	5.91	8.38	0	0	0
2020	4	22	23,295.69	8.99	0	0	0	0	8.99	0	0	0	0	0	0	0	0	0	0	0	9.43	5.91	0	0	0
2020	4	23	24,813.12	10.15	0	0	0	0	10.15	0	0	0	0	0	0	0	0	0	0	0	8.99	9.43	0	0	0
2020	4	24	23,418.16	9.75	0	0	0	0	9.75	0	0	0	0	0	0	0	0	0	0	1	10.15	8.99	0	0	0
2020	4	25	21,220.21	6.12	0	0	0	0	6.12	0	0	0	0	0	0	0	0	1	0	0	9.75	10.15	0	0	0
2020	4	26	20,634.34	7.04	0	0	0	0	7.04	0	0	0	0	0	0	0	1	0	0	0	6.12	9.75	0	0	0
2020	4	27	24,156.19	9.34	0	0	0	0	9.34	0	0	0	0	0	0	0	0	0	1	0	7.04	6.12	0	0	0
2020	4	28	26,976.24	11.74	0	0	0	0	11.74	0	0	0	0	0	0	0	0	0	0	0	9.34	7.04	0	0	0
2020	4	29	24,137.79	9.81	0	0	0	0	9.81	0	0	0	0	0	0	0	0	0	0	0	11.74	9.34	0	0	0
2020	4	30	22,589.57	9.8	0	0	0	0	9.8	0	0	0	0	0	0	0	0	0	0	0	9.81	11.74	0	0	0
2020	5	1	21,387.40	6.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9.8	9.81	0	0	0
2020	5	2	20,614.02	4.08	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6.94	9.8	0	0	0
2020	5	3	19,789.84	3.62	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.08	6.94	0	0	0
2020	5	4	21,817.80	7.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3.62	4.08	0	0	0
2020	5	5	23,329.38	7.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.1	3.62	0	0	0
2020	5	6	22,202.80	5.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.79	7.1	0	0	0
2020	5	7	23,794.71	8.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.25	7.79	0	0	0
2020	5	8	22,365.58	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8.97	5.25	0	0	0
2020	5	9	23,160.24	8.47	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6	8.97	0	0	0
2020	5	10	24,287.67	9.33	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	8.47	6	0	0	0
2020	5	11	21,254.18	4.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	9.33	8.47	0	0	0
2020	5	12	21,354.71	5.55	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.55	9.33	0	0	0
2020	5	13	22,668.97	7.77	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.55	4.55	0	0	0
2020	5	14	22,001.95	4.9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7.77	5.55	0	0	0
2020	5	15	20,673.74	4.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4.9	7.77	0	0	0
2020	5	16	21,177.96	6.23	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4.33	4.9	0	0	0
2020	5	17	19,662.21	2.21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6.23	4.33	0	0	0
2020	5	18	19,166.20	3.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2.21	6.23	0	0	0
2020	5	19	20,145.97	4.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.98	2.21	0	0	0
2020	5	20	20,018.89	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.27	3.98	0	0	0
2020	5	21	18,752.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6	4.27	0	0	0
2020	5	22	18,035.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4.6	0	0	0
2020	5	23	18,355.30	4.67	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	5	24	19,022.96	5.69	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.67	0	0	0	0
2020	5	25	18,961.34	5.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.69	4.67	0	0	0
2020	5	26	18,633.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.35	5.69	0	0	0
2020	5	27	18,566.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.35	0	0	0
2020	5	28	18,743.76	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	5	29	18,554.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2020	5	30	18,016.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	5	31	17,479.44	2.14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2020	6	1	18,549.43	0.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2.14	0	0	0	0
2020	6	2	19,504.49	2.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.53	2.14	0	0	0
2020	6	3	20,738.96	5.38	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.47	0.53	0	0	0
2020	6	4	19,024.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.38	2.47	0	0	0
2020	6	5	18,385.42	0.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.38	0	0	0
2020	6	6	18,332.85	1.8	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.01	0	0	0	0
2020	6	7	18,858.07	1.53	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1.8	0.01	0	0	0
2020	6	8	19,506.54	0.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1.53	1.8	0	0	0
2020	6	9	19,311.59	1.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.96	1.53	0	0	0
2020	6	10	18,948.53	3.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.73	0.96	0	0	0
2020	6	11	19,215.58	3.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.41	1.73	0	0	0
2020	6	12	18,985.74	0.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.08	3.41	0	0	0
2020	6	13	18,191.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0.37	3.08	0	0	0

2020	6	14	18,016.26	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.37	0	0	0
2020	6	15	19,020.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	6	16	19,052.91	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	6	17	18,943.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	6	18	19,312.33	0	0	0	0	0	0	0	0	0	0	0	1.79	0	0	0	0	0	0	0	0	0
2020	6	19	20,389.12	0	0	0	0	0	0	0	0	0	0	0	4.54	0	0	0	1	0	0	0	0	0
2020	6	20	19,877.16	0	0	0	0	0	0	0	0	0	0	0	4.08	0	1	0	0	0	0	0	0	0
2020	6	21	18,008.92	1.68	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2020	6	22	19,679.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1.68	0	0	0	0
2020	6	23	20,457.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.68	0	0	0
2020	6	24	20,692.40	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	6	25	20,744.81	0	0	0	0	0	0	0	0	0	0	0	0.92	0	0	0	0	0	0	0	0	0
2020	6	26	20,223.51	0	0	0	0	0	0	0	0	0	0	0	0.78	0	0	0	1	0	0	0	0	0
2020	6	27	19,181.68	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	6	28	18,791.86	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2020	6	29	19,461.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	6	30	19,872.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	1	19,529.32	0	0	0	0	0	0	0	0	0	0.21	0	0	0	0	0	0	0	0	0	0	0
2020	7	2	20,322.48	0	0	0	0	0	0	0	0	0	0.68	0	0	0	0	0	0	0	0	0	0	0
2020	7	3	19,209.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2020	7	4	17,702.56	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	7	5	17,717.33	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
2020	7	6	19,026.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	7	7	19,031.90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	8	19,101.73	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	9	20,057.73	0	0	0	0	0	0	0	0	0	1.05	0	0	0	0	0	0	0	0	0	0	0
2020	7	10	20,554.83	0	0	0	0	0	0	0	0	0	1.95	0	0	0	0	0	1	0	0	0	0	0
2020	7	11	19,229.79	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	7	12	19,869.43	0	0	0	0	0	0	0	0	0	1.22	0	0	1	0	0	0	0	0	0	0	0
2020	7	13	21,344.54	0	0	0	0	0	0	0	0	0	2.2	0	0	0	0	1	0	0	0	0	0	0
2020	7	14	20,154.71	0	0	0	0	0	0	0	0	0	0.6	0	0	0	0	0	0	0	0	0	0	0
2020	7	15	19,003.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	16	18,918.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	17	18,692.66	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2020	7	18	18,409.03	0	0	0	0	0	0	0	0	0	1.34	0	0	0	1	0	0	0	0	0	0	0
2020	7	19	19,244.25	0	0	0	0	0	0	0	0	0	0.59	0	0	1	0	0	0	0	0	0	0	0
2020	7	20	20,796.20	0	0	0	0	0	0	0	0	0	1.86	0	0	0	0	1	0	0	0	0	0	0
2020	7	21	22,128.17	0	0	0	0	0	0	0	0	0	5.74	0	0	0	0	0	0	0	0	0	0	0
2020	7	22	21,449.84	0	0	0	0	0	0	0	0	0	3.55	0	0	0	0	0	0	0	0	0	0	0
2020	7	23	21,039.85	0	0	0	0	0	0	0	0	0	1.01	0	0	0	0	0	0	0	0	0	0	0
2020	7	24	21,360.33	0	0	0	0	0	0	0	0	0	4.1	0	0	0	0	0	1	0	0	0	0	0
2020	7	25	20,141.78	0	0	0	0	0	0	0	0	0	3.68	0	0	0	1	0	0	0	0	0	0	0
2020	7	26	19,395.78	0	0	0	0	0	0	0	0	0	2.53	0	0	1	0	0	0	0	0	0	0	0
2020	7	27	21,029.65	0	0	0	0	0	0	0	0	0	1.75	0	0	0	0	1	0	0	0	0	0	0
2020	7	28	22,272.18	0	0	0	0	0	0	0	0	0	3.83	0	0	0	0	0	0	0	0	0	0	0
2020	7	29	22,915.90	0	0	0	0	0	0	0	0	0	4.92	0	0	0	0	0	0	0	0	0	0	0
2020	7	30	22,235.84	0	0	0	0	0	0	0	0	0	2.5	0	0	0	0	0	0	0	0	0	0	0
2020	7	31	21,532.50	0	0	0	0	0	0	0	0	0	2.36	0	0	0	0	0	1	0	0	0	0	0
2020	8	1	19,795.50	0	0	0	0	0	0	0	0	3.31	0	0	0	0	1	0	0	0	0	0	0	0
2020	8	2	19,699.56	0	0	0	0	0	0	0	0	3.41	0	0	0	1	0	0	0	0	0	0	0	0
2020	8	3	20,399.48	0	0	0	0	0	0	0	0	1.21	0	0	0	0	0	1	0	0	0	0	0	0
2020	8	4	21,624.15	0	0	0	0	0	0	0	0	4.78	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	5	21,641.78	0	0	0	0	0	0	0	0	2.82	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	6	21,466.16	0	0	0	0	0	0	0	0	3.02	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	7	20,501.11	0	0	0	0	0	0	0	0	3.01	0	0	0	0	0	0	1	0	0	0	0	0
2020	8	8	19,294.60	0	0	0	0	0	0	0	0	0.55	0	0	0	0	1	0	0	0	0	0	0	0

2020	8	9	19,926.00	0	0	0	0	0	0	0	0	3.17	0	0	0	1	0	0	0	0	0	0	0
2020	8	10	21,664.36	0	0	0	0	0	0	0	0	2.95	0	0	0	0	0	1	0	0	0	0	0
2020	8	11	21,584.93	0	0	0	0	0	0	0	0	1.51	0	0	0	0	0	0	0	0	0	0	0
2020	8	12	21,926.56	0	0	0	0	0	0	0	0	1.51	0	0	0	0	0	0	0	0	0	0	0
2020	8	13	22,437.17	0	0	0	0	0	0	0	0	3.21	0	0	0	0	0	0	0	0	0	0	0
2020	8	14	21,283.86	0	0	0	0	0	0	0	0	2.86	0	0	0	0	0	0	1	0	0	0	0
2020	8	15	19,005.81	0	0	0	0	0	0	0	0	1.33	0	0	0	0	1	0	0	0	0	0	0
2020	8	16	18,808.22	0	0	0	0	0	0	0	0	0.16	0	0	0	1	0	0	0	0	0	0	0
2020	8	17	19,459.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2020	8	18	19,551.22	0	0	0	0	0	0	0	0	1.27	0	0	0	0	0	0	0	0	0	0	0
2020	8	19	20,112.14	0	0	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0	0	0	0	0
2020	8	20	19,497.30	0	0	0	0	0	0	0	0	1.77	0	0	0	0	0	0	0	0	0	0	0
2020	8	21	19,089.92	0	0	0	0	0	0	0	0	0.84	0	0	0	0	0	0	1	0	0	0	0
2020	8	22	18,428.33	0	0	0	0	0	0	0	0	1.34	0	0	0	0	1	0	0	0	0	0	0
2020	8	23	18,317.48	0	0	0	0	0	0	0	0	1.8	0	0	0	1	0	0	0	0	0	0	0
2020	8	24	20,153.19	0	0	0	0	0	0	0	0	3.24	0	0	0	0	0	1	0	0	0	0	0
2020	8	25	20,389.10	0	0	0	0	0	0	0	0	1.25	0	0	0	0	0	0	0	0	0	0	0
2020	8	26	18,967.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	27	18,048.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	28	18,028.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2020	8	29	17,333.89	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	8	30	18,294.26	0	0	0	0	0	0	0	0	1.11	0	0	0	1	0	0	0	0	0	0	0
2020	8	31	18,315.70	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2020	9	1	18,710.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	9	2	18,505.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	9	3	19,380.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	9	4	20,082.70	0	0	0	0	0	0	0	0	0	0	0.97	0	0	0	0	1	0	0	0	0
2020	9	5	18,236.03	0	0	0	0	0	0	0	0	0	0	0.78	0	0	1	0	0	0	0	0	0
2020	9	6	17,516.63	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	9	7	18,184.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
2020	9	8	20,012.43	0	0	0	0	0	0	0	0	0	0	1.38	0	0	0	0	0	0	0	0	0
2020	9	9	20,502.93	0	0	0	0	0	0	0	0	0	0	0.48	0	0	0	0	0	0	0	0	0
2020	9	10	20,912.51	0	0	0	0	0	0	0	0	0	0	2.07	0	0	0	0	0	0	0	0	0
2020	9	11	19,005.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2020	9	12	17,632.91	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	9	13	17,739.56	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	9	14	18,949.05	0	0	0	0	0	0	0	0	0	0	0.6	0	0	0	1	0	0	0	0	0
2020	9	15	18,782.12	1.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	9	16	18,987.78	0.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.03	0	0	0
2020	9	17	18,844.20	0	0	0	0	0	0	0	0	0	0	0.18	0	0	0	0	0	0.11	1.03	0	0
2020	9	18	18,683.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.11	0	0
2020	9	19	17,755.81	1.14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	9	20	18,823.91	3.05	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1.14	0	0	0
2020	9	21	19,879.96	2.3	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3.05	1.14	0	0
2020	9	22	21,609.92	2.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.3	3.05	0	0
2020	9	23	19,675.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.44	2.3	0	0
2020	9	24	19,039.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.44	0	0
2020	9	25	18,931.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2020	9	26	18,319.59	0.29	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
2020	9	27	18,188.02	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0.29	0	0	0
2020	9	28	19,548.09	0	0	0	0	0	0	0	0	0	0	0.74	0	0	0	1	0	0	0.29	0	0
2020	9	29	20,053.94	0	0	0	0	0	0	0	0	0	0	0.85	0	0	0	0	0	0	0	0	0
2020	9	30	20,237.64	0	0	0	0	0	0	0	0	0	0	0.09	0	0	0	0	0	0	0	0	0
2020	10	1	19,154.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	10	2	18,914.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2020	10	3	17,889.71	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0

2020	10	4	18,363.70	0.26	0	0	0	0	0.26	0	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	10	5	19,807.86	1.3	0	0	0	0	1.3	0	0	0	0	0	0	0	0	1	0	0.26	0	0	0
2020	10	6	19,832.52	0.67	0	0	0	0	0.67	0	0	0	0	0	0	0	0	0	0	1.3	0.26	0	0
2020	10	7	19,398.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.67	1.3	0	0
2020	10	8	19,851.51	0.9	0	0	0	0	0.9	0	0	0	0	0	0	0	0	0	0	0	0.67	0	0
2020	10	9	21,381.21	5.55	0	0	0	0	5.55	0	0	0	0	0	0	0	0	0	1	0.9	0	0	0
2020	10	10	19,751.19	0.19	0	0	0	0	0.19	0	0	0	0	0	0	0	1	0	0	5.55	0.9	0	0
2020	10	11	19,156.44	1.8	0	0	0	0	1.8	0	0	0	0	0	0	1	0	0	0	0.19	5.55	0	0
2020	10	12	21,540.78	7.83	0	0	0	0	7.83	0	0	0	0	0	0	0	0	1	0	1.8	0.19	0	0
2020	10	13	21,742.12	3.57	0	0	0	0	3.57	0	0	0	0	0	0	0	0	0	0	7.83	1.8	0	0
2020	10	14	20,450.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.57	7.83	0	0
2020	10	15	19,860.02	1.56	0	0	0	0	1.56	0	0	0	0	0	0	0	0	0	0	0	3.57	0	0
2020	10	16	19,341.13	0.95	0	0	0	0	0.95	0	0	0	0	0	0	0	0	0	1	1.56	0	0	0
2020	10	17	19,257.46	0.45	0	0	0	0	0.45	0	0	0	0	0	0	0	1	0	0	0.95	1.56	0	0
2020	10	18	20,045.16	4.32	0	0	0	0	4.32	0	0	0	0	0	0	1	0	0	0	0.45	0.95	0	0
2020	10	19	21,249.84	1.37	0	0	0	0	1.37	0	0	0	0	0	0	0	0	1	0	4.32	0.45	0	0
2020	10	20	19,570.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	4.32	0	0
2020	10	21	20,150.85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.37	0	0
2020	10	22	19,204.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	10	23	19,907.26	2.89	0	0	0	0	2.89	0	0	0	0	0	0	0	0	0	1	0	0	0	0
2020	10	24	19,929.01	1.23	0	0	0	0	1.23	0	0	0	0	0	0	0	1	0	0	2.89	0	0	0
2020	10	25	20,954.78	5.8	0	0	0	0	5.8	0	0	0	0	0	0	1	0	0	0	1.23	2.89	0	0
2020	10	26	23,730.73	6.41	0	0	0	0	6.41	0	0	0	0	0	0	0	0	1	0	5.8	1.23	0	0
2020	10	27	22,551.84	3.97	0	0	0	0	3.97	0	0	0	0	0	0	0	0	0	0	6.41	5.8	0	0
2020	10	28	24,590.75	9.8	0	0	0	0	9.8	0	0	0	0	0	0	0	0	0	0	3.97	6.41	0	0
2020	10	29	23,815.08	6.72	0	0	0	0	6.72	0	0	0	0	0	0	0	0	0	0	9.8	3.97	0	0
2020	10	30	25,400.86	10.13	0	0	0	0	10.13	0	0	0	0	0	0	0	0	0	1	6.72	9.8	0	0
2020	10	31	25,048.36	10.31	0	0	0	0	10.31	0	0	0	0	0	0	0	1	0	0	10.13	6.72	0	0
2020	11	1	24,803.94	6.24	0	0	0	0	0	6.24	0	0	0	0	0	1	0	0	0	10.31	10.13	0	0
2020	11	2	22,644.66	3.05	0	0	0	0	0	3.05	0	0	0	0	0	0	0	1	0	6.24	10.31	0	0
2020	11	3	27,149.57	12.98	0	0	0	0	0	12.98	0	0	0	0	0	0	0	0	0	3.05	6.24	0	0
2020	11	4	27,872.11	13.76	0.76	0	0	0	0	13.76	0	0	0	0	0	0	0	0	0	12.98	3.05	0	0
2020	11	5	24,995.79	4.18	0	0	0	0	0	4.18	0	0	0	0	0	0	0	0	0	13.76	12.98	0	0
2020	11	6	20,949.42	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4.18	13.76	0	0
2020	11	7	19,726.97	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.18	0	0
2020	11	8	22,154.49	6.36	0	0	0	0	0	6.36	0	0	0	0	0	1	0	0	0	0	0	0	0
2020	11	9	21,887.96	2.88	0	0	0	0	0	2.88	0	0	0	0	0	0	0	1	0	6.36	0	0	0
2020	11	10	20,626.03	1.45	0	0	0	0	0	1.45	0	0	0	0	0	0	0	0	0	2.88	6.36	0	0
2020	11	11	19,371.69	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.45	2.88	0	0
2020	11	12	19,815.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.45	0	0
2020	11	13	22,445.05	6.58	0	0	0	0	0	6.58	0	0	0	0	0	0	0	0	1	0	0	0	0
2020	11	14	23,424.75	8.1	0	0	0	0	0	8.1	0	0	0	0	0	0	1	0	0	6.58	0	0	0
2020	11	15	24,811.81	10.13	0	0	0	0	0	10.13	0	0	0	0	0	1	0	0	0	8.1	6.58	0	0
2020	11	16	24,231.69	4.38	0	0	0	0	0	4.38	0	0	0	0	0	0	0	1	0	10.13	8.1	0	0
2020	11	17	24,761.82	7.36	0	0	0	0	0	7.36	0	0	0	0	0	0	0	0	0	4.38	10.13	0	0
2020	11	18	28,060.97	13.22	0.22	0	0	0	0	13.22	0	0	0	0	0	0	0	0	0	7.36	4.38	0	0
2020	11	19	29,086.05	13.27	0.27	0	0	0	0	13.27	0	0	0	0	0	0	0	0	0	13.22	7.36	0	0
2020	11	20	24,524.12	3.08	0	0	0	0	0	3.08	0	0	0	0	0	0	0	0	1	13.27	13.22	0	0
2020	11	21	22,342.60	3.36	0	0	0	0	0	3.36	0	0	0	0	0	0	1	0	0	3.08	13.27	0	0
2020	11	22	26,597.76	12.31	0	0	0	0	0	12.31	0	0	0	0	0	1	0	0	0	3.36	3.08	0	0
2020	11	23	26,008.46	4.34	0	0	0	0	0	4.34	0	0	0	0	0	0	0	1	0	12.31	3.36	0	0
2020	11	24	26,799.82	9.89	0	0	0	0	0	9.89	0	0	0	0	0	0	0	0	0	4.34	12.31	0	0
2020	11	25	30,265.13	13.67	0.67	0	0	0	0	13.67	0	0	0	0	0	0	0	0	0	9.89	4.34	0	0
2020	11	26	25,360.69	4.11	0	0	0	0	0	4.11	0	0	0	0	0	0	0	0	0	13.67	9.89	0	0
2020	11	27	22,135.36	1.29	0	0	0	0	0	1.29	0	0	0	0	0	0	0	0	1	4.11	13.67	0	0
2020	11	28	22,686.58	4.8	0	0	0	0	0	4.8	0	0	0	0	0	0	1	0	0	1.29	4.11	0	0

2020	11	29	24,346.49	8.27	0	0	0	0	0	8.27	0	0	0	0	0	1	0	0	0	4.8	1.29	0	0	0
2020	11	30	25,606.65	7.28	0	0	0	0	0	7.28	0	0	0	0	0	0	0	1	0	8.27	4.8	0	0	0
2020	12	1	22,913.36	0.63	0	0	0	0	0	0	0.63	0	0	0	0	0	0	0	0	7.28	8.27	0	0	0
2020	12	2	22,288.00	2.69	0	0	0	0	0	0	2.69	0	0	0	0	0	0	0	0	0.63	7.28	0	0	0
2020	12	3	24,154.97	7.49	0	0	0	0	0	0	7.49	0	0	0	0	0	0	0	0	2.69	0.63	0	0	0
2020	12	4	24,635.53	4.89	0	0	0	0	0	0	4.89	0	0	0	0	0	0	0	1	7.49	2.69	0	0	0
2020	12	5	22,698.88	2.55	0	0	0	0	0	0	2.55	0	0	0	0	0	1	0	0	4.89	7.49	0	0	0
2020	12	6	23,771.96	5.88	0	0	0	0	0	0	5.88	0	0	0	0	1	0	0	0	2.55	4.89	0	0	0
2020	12	7	26,897.89	10.67	0	0	0	0	0	0	10.67	0	0	0	0	0	0	1	0	5.88	2.55	0	0	0
2020	12	8	28,089.73	11.81	0	0	0	0	0	0	11.81	0	0	0	0	0	0	0	0	10.67	5.88	0	0	0
2020	12	9	28,390.60	11.86	0	0	0	0	0	0	11.86	0	0	0	0	0	0	0	0	11.81	10.67	0	0	0
2020	12	10	28,402.12	11.92	0	0	0	0	0	0	11.92	0	0	0	0	0	0	0	0	11.86	11.81	0	0	0
2020	12	11	27,902.23	11.42	0	0	0	0	0	0	11.42	0	0	0	0	0	0	0	1	11.92	11.86	0	0	0
2020	12	12	26,032.78	8.61	0	0	0	0	0	0	8.61	0	0	0	0	0	1	0	0	11.42	11.92	0	0	0
2020	12	13	25,371.97	5.38	0	0	0	0	0	0	5.38	0	0	0	0	1	0	0	0	8.61	11.42	0	0	0
2020	12	14	25,847.52	7.82	0	0	0	0	0	0	7.82	0	0	0	0	0	0	1	0	5.38	8.61	0	0	0
2020	12	15	30,294.39	14.2	1.2	0	0	0	0	0	14.2	0	0	0	0	0	0	0	0	7.82	5.38	0	0	0
2020	12	16	35,040.77	19.82	6.82	0	0	0	0	0	19.82	0	0	0	0	0	0	0	0	14.2	7.82	0	0	0
2020	12	17	35,346.29	18.69	5.69	0	0	0	0	0	18.69	0	0	0	0	0	0	0	0	19.82	14.2	0	0	0
2020	12	18	31,508.19	13.12	0.12	0	0	0	0	0	13.12	0	0	0	0	0	0	0	1	18.69	19.82	0	0	0
2020	12	19	30,086.50	13.06	0.06	0	0	0	0	0	13.06	0	0	0	0	0	1	0	0	13.12	18.69	0	0	0
2020	12	20	29,298.54	12.75	0	0	0	0	0	0	12.75	0	0	0	0	1	0	0	0	13.06	13.12	0	0	0
2020	12	21	27,232.37	5.88	0	0	0	0	0	0	5.88	0	0	0	0	0	0	1	0	12.75	13.06	0	0	0
2020	12	22	27,239.62	9.43	0	0	0	0	0	0	9.43	0	0	0	0	0	0	0	0	5.88	12.75	0	0	0
2020	12	23	30,548.10	14.07	1.07	0	0	0	0	0	14.07	0	0	0	0	0	0	0	0	9.43	5.88	0	0	0
2020	12	24	29,560.40	11.4	0	0	0	0	0	0	11.4	0	0	0	0	0	0	0	0	14.07	9.43	0	0	0
2020	12	25	23,387.45	2.9	0	0	0	0	0	0	2.9	0	0	0	0	0	0	0	1	11.4	14.07	0	0	0
2020	12	26	22,781.87	5.28	0	0	0	0	0	0	5.28	0	0	0	0	0	1	0	0	2.9	11.4	0	0	0
2020	12	27	26,511.12	11.54	0	0	0	0	0	0	11.54	0	0	0	0	1	0	0	0	5.28	2.9	0	0	0
2020	12	28	29,313.16	11.7	0	0	0	0	0	0	11.7	0	0	0	0	0	0	1	0	11.54	5.28	0	0	0
2020	12	29	26,851.07	8.9	0	0	0	0	0	0	8.9	0	0	0	0	0	0	0	0	11.7	11.54	0	0	0
2020	12	30	31,862.89	16.54	3.54	0	0	0	0	0	16.54	0	0	0	0	0	0	0	0	8.9	11.7	0	0	0
2020	12	31	28,362.06	7.83	0	0	0	0	0	0	7.83	0	0	0	0	0	0	0	0	16.54	8.9	0	0	0
2021	1	1		14.8	3	14.8	0	0	0	0	0	0	0	0	0	0	0	0	1	7.83	16.54	0	0	1
2021	1	2		17.16	4.98	17.16	0	0	0	0	0	0	0	0	0	0	1	0	0	14.8	7.83	0	0	1
2021	1	3		17.24	5.07	17.24	0	0	0	0	0	0	0	0	0	1	0	0	0	17.16	14.8	0	0	1
2021	1	4		14.87	3	14.87	0	0	0	0	0	0	0	0	0	0	0	1	0	17.24	17.16	0	0	1
2021	1	5		13.54	1.59	13.54	0	0	0	0	0	0	0	0	0	0	0	0	0	14.87	17.24	0	0	1
2021	1	6		17.03	4.53	17.03	0	0	0	0	0	0	0	0	0	0	0	0	0	13.54	14.87	0	0	1
2021	1	7		17.8	5.04	17.8	0	0	0	0	0	0	0	0	0	0	0	0	0	17.03	13.54	0	0	1
2021	1	8		17.34	4.68	17.34	0	0	0	0	0	0	0	0	0	0	0	0	1	17.8	17.03	0	0	1
2021	1	9		15.89	3.47	15.89	0	0	0	0	0	0	0	0	0	0	1	0	0	17.34	17.8	0	0	1
2021	1	10		14.42	2.26	14.42	0	0	0	0	0	0	0	0	0	1	0	0	0	15.89	17.34	0	0	1
2021	1	11		12.19	1.66	12.19	0	0	0	0	0	0	0	0	0	0	0	1	0	14.42	15.89	0	0	1
2021	1	12		12.36	2.07	12.36	0	0	0	0	0	0	0	0	0	0	0	0	0	12.19	14.42	0	0	1
2021	1	13		12.28	1.99	12.28	0	0	0	0	0	0	0	0	0	0	0	0	0	12.36	12.19	0	0	1
2021	1	14		15.66	4.12	15.66	0	0	0	0	0	0	0	0	0	0	0	0	0	12.28	12.36	0	0	1
2021	1	15		16.77	4.52	16.77	0	0	0	0	0	0	0	0	0	0	0	0	1	15.66	12.28	0	0	1
2021	1	16		16.25	3.71	16.25	0	0	0	0	0	0	0	0	0	0	1	0	0	16.77	15.66	0	0	1
2021	1	17		16.53	4.09	16.53	0	0	0	0	0	0	0	0	0	1	0	0	0	16.25	16.77	0	0	1
2021	1	18		17.33	4.96	17.33	0	0	0	0	0	0	0	0	0	0	0	1	0	16.53	16.25	0	0	1
2021	1	19		15.55	3.62	15.55	0	0	0	0	0	0	0	0	0	0	0	0	0	17.33	16.53	0	0	1
2021	1	20		13.98	1.77	13.98	0	0	0	0	0	0	0	0	0	0	0	0	0	15.55	17.33	0	0	1
2021	1	21		17.13	4.25	17.13	0	0	0	0	0	0	0	0	0	0	0	0	0	13.98	15.55	0	0	1
2021	1	22		20.23	7.23	20.23	0	0	0	0	0	0	0	0	0	0	0	0	1	17.13	13.98	0	0	1
2021	1	23		18.74	5.74	18.74	0	0	0	0	0	0	0	0	0	0	1	0	0	20.23	17.13	0	0	1

2021	1	24	15.44	4.49	15.44	0	0	0	0	0	0	0	0	0	0	1	0	0	0	18.74	20.23	0	0	1
2021	1	25	15.36	4.01	15.36	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15.44	18.74	0	0	1
2021	1	26	15.65	3.43	15.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.36	15.44	0	0	1
2021	1	27	13.96	2.15	13.96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15.65	15.36	0	0	1
2021	1	28	13.97	1.82	13.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13.96	15.65	0	0	1
2021	1	29	16.2	3.67	16.2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	13.97	13.96	0	0	1
2021	1	30	15.95	3.2	15.95	0	0	0	0	0	0	0	0	0	0	0	1	0	0	16.2	13.97	0	0	1
2021	1	31	14.95	3.06	14.95	0	0	0	0	0	0	0	0	0	0	1	0	0	0	15.95	16.2	0	0	1
2021	2	1	15.55	3.17	0	15.55	0	0	0	0	0	0	0	0	0	0	0	1	0	14.95	15.95	0	0	1
2021	2	2	16.31	3.96	0	16.31	0	0	0	0	0	0	0	0	0	0	0	0	0	15.55	14.95	0	0	1
2021	2	3	17.87	4.96	0	17.87	0	0	0	0	0	0	0	0	0	0	0	0	0	16.31	15.55	0	0	1
2021	2	4	15.4	3.4	0	15.4	0	0	0	0	0	0	0	0	0	0	0	0	0	17.87	16.31	0	0	1
2021	2	5	14.67	3.02	0	14.67	0	0	0	0	0	0	0	0	0	0	0	0	1	15.4	17.87	0	0	1
2021	2	6	17.19	4.34	0	17.19	0	0	0	0	0	0	0	0	0	0	1	0	0	14.67	15.4	0	0	1
2021	2	7	16.52	4.02	0	16.52	0	0	0	0	0	0	0	0	0	1	0	0	0	17.19	14.67	0	0	1
2021	2	8	16.92	4.36	0	16.92	0	0	0	0	0	0	0	0	0	0	0	1	0	16.52	17.19	0	0	1
2021	2	9	18.23	5.23	0	18.23	0	0	0	0	0	0	0	0	0	0	0	0	0	16.92	16.52	0	0	1
2021	2	10	17.18	4.44	0	17.18	0	0	0	0	0	0	0	0	0	0	0	0	0	18.23	16.92	0	0	1
2021	2	11	17.37	5.23	0	17.37	0	0	0	0	0	0	0	0	0	0	0	0	0	17.18	18.23	0	0	1
2021	2	12	17.05	4.86	0	17.05	0	0	0	0	0	0	0	0	0	0	0	0	1	17.37	17.18	0	0	1
2021	2	13	17.56	4.86	0	17.56	0	0	0	0	0	0	0	0	0	0	1	0	0	17.05	17.37	0	0	1
2021	2	14	16.87	4.47	0	16.87	0	0	0	0	0	0	0	0	0	1	0	0	0	17.56	17.05	0	0	1
2021	2	15	16.26	3.8	0	16.26	0	0	0	0	0	0	0	0	0	0	0	1	0	16.87	17.56	0	0	1
2021	2	16	14.08	2.36	0	14.08	0	0	0	0	0	0	0	0	0	0	0	0	0	16.26	16.87	0	0	1
2021	2	17	14.39	2.62	0	14.39	0	0	0	0	0	0	0	0	0	0	0	0	0	14.08	16.26	0	0	1
2021	2	18	15.62	2.83	0	15.62	0	0	0	0	0	0	0	0	0	0	0	0	0	14.39	14.08	0	0	1
2021	2	19	13.61	1.55	0	13.61	0	0	0	0	0	0	0	0	0	0	0	0	1	15.62	14.39	0	0	1
2021	2	20	14.91	2.73	0	14.91	0	0	0	0	0	0	0	0	0	0	1	0	0	13.61	15.62	0	0	1
2021	2	21	15.08	3.16	0	15.08	0	0	0	0	0	0	0	0	0	1	0	0	0	14.91	13.61	0	0	1
2021	2	22	13.16	1.28	0	13.16	0	0	0	0	0	0	0	0	0	0	0	1	0	15.08	14.91	0	0	1
2021	2	23	14.84	2.81	0	14.84	0	0	0	0	0	0	0	0	0	0	0	0	0	13.16	15.08	0	0	1
2021	2	24	14.16	2.67	0	14.16	0	0	0	0	0	0	0	0	0	0	0	0	0	14.84	13.16	0	0	1
2021	2	25	12.06	1.19	0	12.06	0	0	0	0	0	0	0	0	0	0	0	0	0	14.16	14.84	0	0	1
2021	2	26	14.43	2.83	0	14.43	0	0	0	0	0	0	0	0	0	0	0	0	1	12.06	14.16	0	0	1
2021	2	27	17.07	4.33	0	17.07	0	0	0	0	0	0	0	0	0	0	1	0	0	14.43	12.06	0	0	1
2021	2	28	15.09	2.86	0	15.09	0	0	0	0	0	0	0	0	0	1	0	0	0	17.07	14.43	0	0	1
2021	3	1	14.55	2.41	0	0	14.55	0	0	0	0	0	0	0	0	0	0	1	0	15.09	17.07	0	0	1
2021	3	2	12.91	1.09	0	0	12.91	0	0	0	0	0	0	0	0	0	0	0	0	14.55	15.09	0	0	1
2021	3	3	15.33	3.43	0	0	15.33	0	0	0	0	0	0	0	0	0	0	0	0	12.91	14.55	0	0	1
2021	3	4	15.66	3.91	0	0	15.66	0	0	0	0	0	0	0	0	0	0	0	0	15.33	12.91	0	0	1
2021	3	5	15.01	2.72	0	0	15.01	0	0	0	0	0	0	0	0	0	0	0	1	15.66	15.33	0	0	1
2021	3	6	15.99	3.76	0	0	15.99	0	0	0	0	0	0	0	0	0	1	0	0	15.01	15.66	0	0	1
2021	3	7	15.18	2.93	0	0	15.18	0	0	0	0	0	0	0	0	1	0	0	0	15.99	15.01	0	0	1
2021	3	8	12.2	1.05	0	0	12.2	0	0	0	0	0	0	0	0	0	0	1	0	15.18	15.99	0	0	1
2021	3	9	12.75	0.86	0	0	12.75	0	0	0	0	0	0	0	0	0	0	0	0	12.2	15.18	0	0	1
2021	3	10	13.95	1.58	0	0	13.95	0	0	0	0	0	0	0	0	0	0	0	0	12.75	12.2	0	0	1
2021	3	11	12.97	1.49	0	0	12.97	0	0	0	0	0	0	0	0	0	0	0	0	13.95	12.75	0	0	1
2021	3	12	12.9	1.63	0	0	12.9	0	0	0	0	0	0	0	0	0	0	0	1	12.97	13.95	0	0	1
2021	3	13	12.36	1.4	0	0	12.36	0	0	0	0	0	0	0	0	0	1	0	0	12.9	12.97	0	0	1
2021	3	14	13.41	1.73	0	0	13.41	0	0	0	0	0	0	0	0	1	0	0	0	12.36	12.9	0	0	1
2021	3	15	12.73	0.64	0	0	12.73	0	0	0	0	0	0	0	0	0	0	1	0	13.41	12.36	0	0	1
2021	3	16	12.77	1.09	0	0	12.77	0	0	0	0	0	0	0	0	0	0	0	0	12.73	13.41	0	0	1
2021	3	17	14.27	2.32	0	0	14.27	0	0	0	0	0	0	0	0	0	0	0	0	12.77	12.73	0	0	1
2021	3	18	14.15	2.51	0	0	14.15	0	0	0	0	0	0	0	0	0	0	0	0	14.27	12.77	0	0	1
2021	3	19	14.69	2.62	0	0	14.69	0	0	0	0	0	0	0	0	0	0	0	1	14.15	14.27	0	0	1
2021	3	20	12.59	1.18	0	0	12.59	0	0	0	0	0	0	0	0	0	1	0	0	14.69	14.15	0	0	1

2021	3	21	10.84	0.29	0	0	10.84	0	0	0	0	0	0	0	0	1	0	0	0	12.59	14.69	0	0	1
2021	3	22	11.65	0.84	0	0	11.65	0	0	0	0	0	0	0	0	0	0	1	0	10.84	12.59	0	0	1
2021	3	23	13.33	1.97	0	0	13.33	0	0	0	0	0	0	0	0	0	0	0	0	11.65	10.84	0	0	1
2021	3	24	14.1	2	0	0	14.1	0	0	0	0	0	0	0	0	0	0	0	0	13.33	11.65	0	0	1
2021	3	25	12.65	0.77	0	0	12.65	0	0	0	0	0	0	0	0	0	0	0	0	14.1	13.33	0	0	1
2021	3	26	12.98	0.74	0	0	12.98	0	0	0	0	0	0	0	0	0	0	0	1	12.65	14.1	0	0	1
2021	3	27	13.2	1.21	0	0	13.2	0	0	0	0	0	0	0	0	0	1	0	0	12.98	12.65	0	0	1
2021	3	28	11.52	0.27	0	0	11.52	0	0	0	0	0	0	0	0	1	0	0	0	13.2	12.98	0	0	1
2021	3	29	10.49	0.36	0	0	10.49	0	0	0	0	0	0	0	0	0	0	1	0	11.52	13.2	0	0	1
2021	3	30	10.93	0.31	0	0	10.93	0	0	0	0	0	0	0	0	0	0	0	0	10.49	11.52	0	0	1
2021	3	31	9.95	0.03	0	0	9.95	0	0	0	0	0	0	0	0	0	0	0	0	10.93	10.49	0	0	1
2021	4	1	10.1	0.1	0	0	0	10.1	0	0	0	0	0	0	0	0	0	0	0	9.95	10.93	0	0	1
2021	4	2	10.34	0.06	0	0	0	10.34	0	0	0	0	0	0	0	0	0	0	1	10.1	9.95	0	0	1
2021	4	3	10.48	0.03	0	0	0	10.48	0	0	0	0	0	0	0	0	1	0	0	10.34	10.1	0	0	1
2021	4	4	10.63	0.36	0	0	0	10.63	0	0	0	0	0	0	0	1	0	0	0	10.48	10.34	0	0	1
2021	4	5	11.22	0.59	0	0	0	11.22	0	0	0	0	0	0	0	0	0	1	0	10.63	10.48	0	0	1
2021	4	6	11.06	0.64	0	0	0	11.06	0	0	0	0	0	0	0	0	0	0	0	11.22	10.63	0	0	1
2021	4	7	9.74	0.03	0	0	0	9.74	0	0	0	0	0	0	0	0	0	0	0	11.06	11.22	0	0	1
2021	4	8	10.34	0.2	0	0	0	10.34	0	0	0	0	0	0	0	0	0	0	0	9.74	11.06	0	0	1
2021	4	9	10.62	0.47	0	0	0	10.62	0	0	0	0	0	0	0	0	0	0	1	10.34	9.74	0	0	1
2021	4	10	10.29	0.04	0	0	0	10.29	0	0	0	0	0	0	0	0	1	0	0	10.62	10.34	0	0	1
2021	4	11	8.09	0	0	0	0	8.09	0	0	0	0	0	0	0	1	0	0	0	10.29	10.62	0	0	1
2021	4	12	7.25	0	0	0	0	7.25	0	0	0	0	0	0	0	0	0	1	0	8.09	10.29	0	0	1
2021	4	13	7.67	0	0	0	0	7.67	0	0	0	0	0	0	0	0	0	0	0	7.25	8.09	0	0	1
2021	4	14	6.15	0	0	0	0	6.15	0	0	0	0	0	0	0	0	0	0	0	7.67	7.25	0	0	1
2021	4	15	7.84	0.09	0	0	0	7.84	0	0	0	0	0	0	0	0	0	0	0	6.15	7.67	0	0	1
2021	4	16	9.25	0.05	0	0	0	9.25	0	0	0	0	0	0	0	0	0	0	1	7.84	6.15	0	0	1
2021	4	17	8.4	0	0	0	0	8.4	0	0	0	0	0	0	0	0	1	0	0	9.25	7.84	0	0	1
2021	4	18	8.52	0	0	0	0	8.52	0	0	0	0	0	0	0	1	0	0	0	8.4	9.25	0	0	1
2021	4	19	8.96	0.12	0	0	0	8.96	0	0	0	0	0	0	0	0	0	1	0	8.52	8.4	0	0	1
2021	4	20	7.8	0	0	0	0	7.8	0	0	0	0	0	0	0	0	0	0	0	8.96	8.52	0	0	1
2021	4	21	7.09	0	0	0	0	7.09	0	0	0	0	0	0	0	0	0	0	0	7.8	8.96	0	0	1
2021	4	22	6.61	0	0	0	0	6.61	0	0	0	0	0	0	0	0	0	0	0	7.09	7.8	0	0	1
2021	4	23	7.94	0	0	0	0	7.94	0	0	0	0	0	0	0	0	0	0	1	6.61	7.09	0	0	1
2021	4	24	6.65	0	0	0	0	6.65	0	0	0	0	0	0	0	0	1	0	0	7.94	6.61	0	0	1
2021	4	25	7.04	0	0	0	0	7.04	0	0	0	0	0	0	0	1	0	0	0	6.65	7.94	0	0	1
2021	4	26	6.94	0	0	0	0	6.94	0	0	0	0	0	0	0	0	0	1	0	7.04	6.65	0	0	1
2021	4	27	6.87	0	0	0	0	6.87	0	0	0	0	0	0	0	0	0	0	0	6.94	7.04	0	0	1
2021	4	28	6.92	0	0	0	0	6.92	0	0	0	0	0	0	0	0	0	0	0	6.87	6.94	0	0	1
2021	4	29	6.14	0	0	0	0	6.14	0	0	0	0	0	0	0	0	0	0	0	6.92	6.87	0	0	1
2021	4	30	7.36	0	0	0	0	7.36	0	0	0	0	0	0	0	0	0	0	1	6.14	6.92	0	0	1
2021	5	1	6.86	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7.36	6.14	0	0	1
2021	5	2	5.4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6.86	7.36	0	0	1
2021	5	3	4.24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.4	6.86	0	0	1
2021	5	4	5.8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.24	5.4	0	0	1
2021	5	5	4.82	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5.8	4.24	0	0	1
2021	5	6	3.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.82	5.8	0	0	1
2021	5	7	4.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.94	4.82	0	0	1
2021	5	8	4.79	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4.46	3.94	0	0	1
2021	5	9	5.41	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4.79	4.46	0	0	1
2021	5	10	4.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5.41	4.79	0	0	1
2021	5	11	3.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.71	5.41	0	0	1
2021	5	12	4.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.08	4.71	0	0	1
2021	5	13	4.51	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4.6	3.08	0	0	1
2021	5	14	4.45	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4.51	4.6	0	0	1
2021	5	15	3.76	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	4.45	4.51	0	0	1

2021	5	16	4.12	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3.76	4.45	0	0	1
2021	5	17	2.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	4.12	3.76	0	0	1
2021	5	18	3.02	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.57	4.12	0	0	1
2021	5	19	3.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.02	2.57	0	0	1
2021	5	20	3.1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.29	3.02	0	0	1
2021	5	21	2.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.1	3.29	0	0	1
2021	5	22	3.01	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2.01	3.1	0	0	1
2021	5	23	3.53	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3.01	2.01	0	0	1
2021	5	24	3.39	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	3.53	3.01	0	0	1
2021	5	25	2.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3.39	3.53	0	0	1
2021	5	26	2.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.43	3.39	0	0	1
2021	5	27	3.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.7	2.43	0	0	1
2021	5	28	2.46	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3.08	2.7	0	0	1
2021	5	29	2.63	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2.46	3.08	0	0	1
2021	5	30	1.89	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2.63	2.46	0	0	1
2021	5	31	1.88	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1.89	2.63	0	0	1
2021	6	1	1.63	0	0	0	0	0	0	0	0	0	0	0	0.24	0	0	0	0	1.88	1.89	0	0	1
2021	6	2	2.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.63	1.88	0	0	1
2021	6	3	2.53	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2.12	1.63	0	0	1
2021	6	4	2.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.53	2.12	0	0	1
2021	6	5	2.27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2.29	2.53	0	0	1
2021	6	6	2.18	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2.27	2.29	0	0	1
2021	6	7	1.22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2.18	2.27	0	0	1
2021	6	8	0.62	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.22	2.18	0	0	1
2021	6	9	0.63	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.62	1.22	0	0	1
2021	6	10	0.7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.63	0.62	0	0	1
2021	6	11	0.72	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.7	0.63	0	0	1
2021	6	12	0.81	0	0	0	0	0	0	0	0	0	0	0	0.2	0	1	0	0	0.72	0.7	0	0	1
2021	6	13	0.91	0	0	0	0	0	0	0	0	0	0	0	0.42	1	0	0	0	0.81	0.72	0	0	1
2021	6	14	1.32	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.91	0.81	0	0	1
2021	6	15	0.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.32	0.91	0	0	1
2021	6	16	0.49	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.79	1.32	0	0	1
2021	6	17	0.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.49	0.79	0	0	1
2021	6	18	0.41	0	0	0	0	0	0	0	0	0	0	0	0.18	0	0	0	1	0.58	0.49	0	0	1
2021	6	19	0.16	0	0	0	0	0	0	0	0	0	0	0	0.56	0	1	0	0	0.41	0.58	0	0	1
2021	6	20	0	0	0	0	0	0	0	0	0	0	0	0	0.41	1	0	0	0	0.16	0.41	0	0	1
2021	6	21	0.28	0	0	0	0	0	0	0	0	0	0	0	0.21	0	0	1	0	0	0.16	0	0	1
2021	6	22	0	0	0	0	0	0	0	0	0	0	0	0	0.02	0	0	0	0	0.28	0	0	0	1
2021	6	23	0.11	0	0	0	0	0	0	0	0	0	0	0	0.11	0	0	0	0	0	0.28	0	0	1
2021	6	24	0.15	0	0	0	0	0	0	0	0	0	0	0	0.02	0	0	0	0	0.11	0	0	0	1
2021	6	25	0.31	0	0	0	0	0	0	0	0	0	0	0	0.66	0	0	0	1	0.15	0.11	0	0	1
2021	6	26	0	0	0	0	0	0	0	0	0	0	0	0	0.09	0	1	0	0	0.31	0.15	0	0	1
2021	6	27	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0.31	0	0	1
2021	6	28	0.1	0	0	0	0	0	0	0	0	0	0	0	0.36	0	0	1	0	0	0	0	0	1
2021	6	29	0.04	0	0	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0	0.1	0	0	0	1
2021	6	30	0	0	0	0	0	0	0	0	0	0	0	0	0.85	0	0	0	0	0.04	0.1	0	0	1
2021	7	1	0	0	0	0	0	0	0	0	0	0	0.72	0	0	0	0	0	0	0	0.04	0	0	1
2021	7	2	0	0	0	0	0	0	0	0	0	0	0.33	0	0	0	0	0	1	0	0	0	0	1
2021	7	3	0	0	0	0	0	0	0	0	0	0	0.37	0	0	0	1	0	0	0	0	0	0	1
2021	7	4	0	0	0	0	0	0	0	0	0	0	2.19	0	0	1	0	0	0	0	0	0	0	1
2021	7	5	0	0	0	0	0	0	0	0	0	0	2.32	0	0	0	0	1	0	0	0	0	0	1
2021	7	6	0	0	0	0	0	0	0	0	0	0	1.97	0	0	0	0	0	0	0	0	0	0	1
2021	7	7	0	0	0	0	0	0	0	0	0	0	1.37	0	0	0	0	0	0	0	0	0	0	1
2021	7	8	0	0	0	0	0	0	0	0	0	0	1.05	0	0	0	0	0	0	0	0	0	0	1
2021	7	9	0	0	0	0	0	0	0	0	0	0	0.79	0	0	0	0	0	1	0	0	0	0	1
2021	7	10	0.01	0	0	0	0	0	0	0	0	0	0.84	0	0	0	1	0	0	0	0	0	0	1

2021	7	11	0	0	0	0	0	0	0	0	0	0	0.47	0	0	1	0	0	0	0.01	0	0	0	1
2021	7	12	0	0	0	0	0	0	0	0	0	0	0.8	0	0	0	0	1	0	0	0.01	0	0	1
2021	7	13	0	0	0	0	0	0	0	0	0	0	1.21	0	0	0	0	0	0	0	0	0	0	1
2021	7	14	0	0	0	0	0	0	0	0	0	0	0.95	0	0	0	0	0	0	0	0	0	0	1
2021	7	15	0	0	0	0	0	0	0	0	0	0	1.17	0	0	0	0	0	0	0	0	0	0	1
2021	7	16	0	0	0	0	0	0	0	0	0	0	1.67	0	0	0	0	0	1	0	0	0	0	1
2021	7	17	0	0	0	0	0	0	0	0	0	0	0.43	0	0	0	1	0	0	0	0	0	0	1
2021	7	18	0	0	0	0	0	0	0	0	0	0	1.59	0	0	1	0	0	0	0	0	0	0	1
2021	7	19	0	0	0	0	0	0	0	0	0	0	1.38	0	0	0	0	1	0	0	0	0	0	1
2021	7	20	0	0	0	0	0	0	0	0	0	0	1.88	0	0	0	0	0	0	0	0	0	0	1
2021	7	21	0	0	0	0	0	0	0	0	0	0	2.26	0	0	0	0	0	0	0	0	0	0	1
2021	7	22	0	0	0	0	0	0	0	0	0	0	1.44	0	0	0	0	0	0	0	0	0	0	1
2021	7	23	0	0	0	0	0	0	0	0	0	0	1.15	0	0	0	0	0	1	0	0	0	0	1
2021	7	24	0	0	0	0	0	0	0	0	0	0	1.2	0	0	0	1	0	0	0	0	0	0	1
2021	7	25	0	0	0	0	0	0	0	0	0	0	1.68	0	0	1	0	0	0	0	0	0	0	1
2021	7	26	0	0	0	0	0	0	0	0	0	0	1.31	0	0	0	0	1	0	0	0	0	0	1
2021	7	27	0	0	0	0	0	0	0	0	0	0	0.9	0	0	0	0	0	0	0	0	0	0	1
2021	7	28	0	0	0	0	0	0	0	0	0	0	1.16	0	0	0	0	0	0	0	0	0	0	1
2021	7	29	0	0	0	0	0	0	0	0	0	0	1.43	0	0	0	0	0	0	0	0	0	0	1
2021	7	30	0	0	0	0	0	0	0	0	0	0	1.71	0	0	0	0	0	1	0	0	0	0	1
2021	7	31	0	0	0	0	0	0	0	0	0	0	2.68	0	0	0	1	0	0	0	0	0	0	1
2021	8	1	0	0	0	0	0	0	0	0	0	2.47	0	0	0	1	0	0	0	0	0	0	0	1
2021	8	2	0	0	0	0	0	0	0	0	0	1.87	0	0	0	0	0	1	0	0	0	0	0	1
2021	8	3	0	0	0	0	0	0	0	0	0	1.62	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	4	0	0	0	0	0	0	0	0	0	1.96	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	5	0	0	0	0	0	0	0	0	0	1.71	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	6	0	0	0	0	0	0	0	0	0	1.68	0	0	0	0	0	0	1	0	0	0	0	1
2021	8	7	0	0	0	0	0	0	0	0	0	1.76	0	0	0	0	1	0	0	0	0	0	0	1
2021	8	8	0	0	0	0	0	0	0	0	0	1.04	0	0	0	1	0	0	0	0	0	0	0	1
2021	8	9	0	0	0	0	0	0	0	0	0	1.25	0	0	0	0	0	1	0	0	0	0	0	1
2021	8	10	0	0	0	0	0	0	0	0	0	1.58	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	11	0	0	0	0	0	0	0	0	0	1.16	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	12	0	0	0	0	0	0	0	0	0	1.54	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	13	0	0	0	0	0	0	0	0	0	1.18	0	0	0	0	0	0	1	0	0	0	0	1
2021	8	14	0	0	0	0	0	0	0	0	0	1.78	0	0	0	0	1	0	0	0	0	0	0	1
2021	8	15	0	0	0	0	0	0	0	0	0	1.25	0	0	0	1	0	0	0	0	0	0	0	1
2021	8	16	0	0	0	0	0	0	0	0	0	1.34	0	0	0	0	0	1	0	0	0	0	0	1
2021	8	17	0	0	0	0	0	0	0	0	0	0.98	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	18	0	0	0	0	0	0	0	0	0	1.13	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	19	0	0	0	0	0	0	0	0	0	1.58	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	20	0	0	0	0	0	0	0	0	0	2.33	0	0	0	0	0	0	1	0	0	0	0	1
2021	8	21	0	0	0	0	0	0	0	0	0	1.97	0	0	0	0	1	0	0	0	0	0	0	1
2021	8	22	0	0	0	0	0	0	0	0	0	1.96	0	0	0	1	0	0	0	0	0	0	0	1
2021	8	23	0	0	0	0	0	0	0	0	0	1.87	0	0	0	0	0	1	0	0	0	0	0	1
2021	8	24	0	0	0	0	0	0	0	0	0	1.5	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	25	0	0	0	0	0	0	0	0	0	1.11	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	26	0	0	0	0	0	0	0	0	0	0.89	0	0	0	0	0	0	0	0	0	0	0	1
2021	8	27	0	0	0	0	0	0	0	0	0	1.44	0	0	0	0	0	0	1	0	0	0	0	1
2021	8	28	0	0	0	0	0	0	0	0	0	1.44	0	0	0	0	1	0	0	0	0	0	0	1
2021	8	29	0	0	0	0	0	0	0	0	0	1.11	0	0	0	1	0	0	0	0	0	0	0	1
2021	8	30	0	0	0	0	0	0	0	0	0	1.36	0	0	0	0	0	1	0	0	0	0	0	1
2021	8	31	0	0	0	0	0	0	0	0	0	0.88	0	0	0	0	0	0	0	0	0	0	0	1
2021	9	1	0	0	0	0	0	0	0	0	0	0	0	0.37	0	0	0	0	0	0	0	0	0	1
2021	9	2	0.11	0	0	0	0	0	0	0	0	0	0	0.15	0	0	0	0	0	0	0	0	0	1
2021	9	3	0	0	0	0	0	0	0	0	0	0	0	1.07	0	0	0	0	1	0.11	0	0	0	1
2021	9	4	0	0	0	0	0	0	0	0	0	0	0	1.08	0	0	1	0	0	0	0.11	0	0	1

2021	9	5	0	0	0	0	0	0	0	0	0	0	0	0.84	0	1	0	0	0	0	0	0	1
2021	9	6	0	0	0	0	0	0	0	0	0	0	0	1.25	0	0	0	1	0	0	0	0	1
2021	9	7	0	0	0	0	0	0	0	0	0	0	0	0.58	0	0	0	0	0	0	0	0	1
2021	9	8	0	0	0	0	0	0	0	0	0	0	0	0.77	0	0	0	0	0	0	0	0	1
2021	9	9	0.01	0	0	0	0	0	0	0	0	0	0	0.53	0	0	0	0	0	0	0	0	1
2021	9	10	0	0	0	0	0	0	0	0	0	0	0	0.71	0	0	0	0	1	0.01	0	0	1
2021	9	11	0	0	0	0	0	0	0	0	0	0	0	0.44	0	0	1	0	0	0	0.01	0	1
2021	9	12	0	0	0	0	0	0	0	0	0	0	0	0.37	0	1	0	0	0	0	0	0	1
2021	9	13	0.05	0	0	0	0	0	0	0	0	0	0	0.03	0	0	0	1	0	0	0	0	1
2021	9	14	0.05	0	0	0	0	0	0	0	0	0	0	0.41	0	0	0	0	0	0.05	0	0	1
2021	9	15	0.2	0	0	0	0	0	0	0	0	0	0	0.2	0	0	0	0	0	0.05	0.05	0	1
2021	9	16	0.13	0	0	0	0	0	0	0	0	0	0	0.35	0	0	0	0	0	0.2	0.05	0	1
2021	9	17	0.43	0	0	0	0	0	0	0	0	0	0	0.4	0	0	0	0	1	0.13	0.2	0	1
2021	9	18	0.36	0	0	0	0	0	0	0	0	0	0	0.61	0	0	1	0	0	0.43	0.13	0	1
2021	9	19	0.8	0	0	0	0	0	0	0	0	0	0	0.19	0	1	0	0	0	0.36	0.43	0	1
2021	9	20	0.43	0	0	0	0	0	0	0	0	0	0	0.37	0	0	0	1	0	0.8	0.36	0	1
2021	9	21	0.23	0	0	0	0	0	0	0	0	0	0	0.23	0	0	0	0	0	0.43	0.8	0	1
2021	9	22	0.24	0	0	0	0	0	0	0	0	0	0	0.22	0	0	0	0	0	0.23	0.43	0	1
2021	9	23	0.06	0	0	0	0	0	0	0	0	0	0	0.22	0	0	0	0	0	0.24	0.23	0	1
2021	9	24	0.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.06	0.24	0	1
2021	9	25	1.05	0	0	0	0	0	0	0	0	0	0	0.33	0	0	1	0	0	0.87	0.06	0	1
2021	9	26	0.44	0	0	0	0	0	0	0	0	0	0	0.66	0	1	0	0	0	1.05	0.87	0	1
2021	9	27	0.17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0.44	1.05	0	1
2021	9	28	0.42	0	0	0	0	0	0	0	0	0	0	0.16	0	0	0	0	0	0.17	0.44	0	1
2021	9	29	0.25	0	0	0	0	0	0	0	0	0	0	0.29	0	0	0	0	0	0.42	0.17	0	1
2021	9	30	0.84	0	0	0	0	0	0	0	0	0	0	0.32	0	0	0	0	0	0.25	0.42	0	1
2021	10	1	0.59	0	0	0	0	0	0.59	0	0	0	0	0	0	0	0	0	1	0.84	0.25	0	1
2021	10	2	1.01	0	0	0	0	0	1.01	0	0	0	0	0	0	0	1	0	0	0.59	0.84	0	1
2021	10	3	1.42	0	0	0	0	0	1.42	0	0	0	0	0	0	1	0	0	0	1.01	0.59	0	1
2021	10	4	1.31	0	0	0	0	0	1.31	0	0	0	0	0	0	0	0	1	0	1.42	1.01	0	1
2021	10	5	1.55	0	0	0	0	0	1.55	0	0	0	0	0	0	0	0	0	0	1.31	1.42	0	1
2021	10	6	1.77	0	0	0	0	0	1.77	0	0	0	0	0	0	0	0	0	0	1.55	1.31	0	1
2021	10	7	0.95	0	0	0	0	0	0.95	0	0	0	0	0	0	0	0	0	0	1.77	1.55	0	1
2021	10	8	0.81	0	0	0	0	0	0.81	0	0	0	0	0	0	0	0	0	1	0.95	1.77	0	1
2021	10	9	1.56	0	0	0	0	0	1.56	0	0	0	0	0	0	0	1	0	0	0.81	0.95	0	1
2021	10	10	1.02	0	0	0	0	0	1.02	0	0	0	0	0	0	1	0	0	0	1.56	0.81	0	1
2021	10	11	2.24	0	0	0	0	0	2.24	0	0	0	0	0	0	0	0	1	0	1.02	1.56	0	1
2021	10	12	3.1	0	0	0	0	0	3.1	0	0	0	0	0	0	0	0	0	0	2.24	1.02	0	1
2021	10	13	3.07	0	0	0	0	0	3.07	0	0	0	0	0	0	0	0	0	0	3.1	2.24	0	1
2021	10	14	1.89	0	0	0	0	0	1.89	0	0	0	0	0	0	0	0	0	0	3.07	3.1	0	1
2021	10	15	1.29	0	0	0	0	0	1.29	0	0	0	0	0	0	0	0	0	1	1.89	3.07	0	1
2021	10	16	1.46	0	0	0	0	0	1.46	0	0	0	0	0	0	0	1	0	0	1.29	1.89	0	1
2021	10	17	2.08	0	0	0	0	0	2.08	0	0	0	0	0	0	1	0	0	0	1.46	1.29	0	1
2021	10	18	3.22	0	0	0	0	0	3.22	0	0	0	0	0	0	0	0	1	0	2.08	1.46	0	1
2021	10	19	3.1	0	0	0	0	0	3.1	0	0	0	0	0	0	0	0	0	0	3.22	2.08	0	1
2021	10	20	1.66	0	0	0	0	0	1.66	0	0	0	0	0	0	0	0	0	0	3.1	3.22	0	1
2021	10	21	2.22	0	0	0	0	0	2.22	0	0	0	0	0	0	0	0	0	0	1.66	3.1	0	1
2021	10	22	3.1	0	0	0	0	0	3.1	0	0	0	0	0	0	0	0	0	1	2.22	1.66	0	1
2021	10	23	2.69	0	0	0	0	0	2.69	0	0	0	0	0	0	0	1	0	0	3.1	2.22	0	1
2021	10	24	3.07	0	0	0	0	0	3.07	0	0	0	0	0	0	1	0	0	0	2.69	3.1	0	1
2021	10	25	4.42	0	0	0	0	0	4.42	0	0	0	0	0	0	0	0	1	0	3.07	2.69	0	1
2021	10	26	5.36	0	0	0	0	0	5.36	0	0	0	0	0	0	0	0	0	0	4.42	3.07	0	1
2021	10	27	5.7	0	0	0	0	0	5.7	0	0	0	0	0	0	0	0	0	0	5.36	4.42	0	1
2021	10	28	5.73	0	0	0	0	0	5.73	0	0	0	0	0	0	0	0	0	0	5.7	5.36	0	1
2021	10	29	3.65	0	0	0	0	0	3.65	0	0	0	0	0	0	0	0	0	1	5.73	5.7	0	1
2021	10	30	4.36	0	0	0	0	0	4.36	0	0	0	0	0	0	0	1	0	0	3.65	5.73	0	1

2021	10	31	5.12	0	0	0	0	0	5.12	0	0	0	0	0	0	1	0	0	0	4.36	3.65	0	0	1
2021	11	1	3.86	0	0	0	0	0	0	3.86	0	0	0	0	0	0	0	1	0	5.12	4.36	0	0	1
2021	11	2	3.33	0	0	0	0	0	0	3.33	0	0	0	0	0	0	0	0	0	3.86	5.12	0	0	1
2021	11	3	5.54	0	0	0	0	0	0	5.54	0	0	0	0	0	0	0	0	0	3.33	3.86	0	0	1
2021	11	4	7.39	0.08	0	0	0	0	0	7.39	0	0	0	0	0	0	0	0	0	5.54	3.33	0	0	1
2021	11	5	7.21	0	0	0	0	0	0	7.21	0	0	0	0	0	0	0	0	1	7.39	5.54	0	0	1
2021	11	6	4.46	0	0	0	0	0	0	4.46	0	0	0	0	0	0	1	0	0	7.21	7.39	0	0	1
2021	11	7	3.99	0	0	0	0	0	0	3.99	0	0	0	0	0	1	0	0	0	4.46	7.21	0	0	1
2021	11	8	6.97	0	0	0	0	0	0	6.97	0	0	0	0	0	0	0	1	0	3.99	4.46	0	0	1
2021	11	9	7.09	0.08	0	0	0	0	0	7.09	0	0	0	0	0	0	0	0	0	6.97	3.99	0	0	1
2021	11	10	5.86	0	0	0	0	0	0	5.86	0	0	0	0	0	0	0	0	0	7.09	6.97	0	0	1
2021	11	11	6.13	0.05	0	0	0	0	0	6.13	0	0	0	0	0	0	0	0	0	5.86	7.09	0	0	1
2021	11	12	6.38	0.11	0	0	0	0	0	6.38	0	0	0	0	0	0	0	0	1	6.13	5.86	0	0	1
2021	11	13	7.06	0.14	0	0	0	0	0	7.06	0	0	0	0	0	0	1	0	0	6.38	6.13	0	0	1
2021	11	14	8.56	0.21	0	0	0	0	0	8.56	0	0	0	0	0	1	0	0	0	7.06	6.38	0	0	1
2021	11	15	8.06	0.43	0	0	0	0	0	8.06	0	0	0	0	0	0	0	1	0	8.56	7.06	0	0	1
2021	11	16	8.16	0.11	0	0	0	0	0	8.16	0	0	0	0	0	0	0	0	0	8.06	8.56	0	0	1
2021	11	17	8	0.21	0	0	0	0	0	8	0	0	0	0	0	0	0	0	0	8.16	8.06	0	0	1
2021	11	18	8.96	0.02	0	0	0	0	0	8.96	0	0	0	0	0	0	0	0	0	8	8.16	0	0	1
2021	11	19	8.59	0.03	0	0	0	0	0	8.59	0	0	0	0	0	0	0	0	1	8.96	8	0	0	1
2021	11	20	7.57	0.06	0	0	0	0	0	7.57	0	0	0	0	0	0	1	0	0	8.59	8.96	0	0	1
2021	11	21	8.53	0	0	0	0	0	0	8.53	0	0	0	0	0	1	0	0	0	7.57	8.59	0	0	1
2021	11	22	9.73	0.97	0	0	0	0	0	9.73	0	0	0	0	0	0	0	1	0	8.53	7.57	0	0	1
2021	11	23	9.34	0.81	0	0	0	0	0	9.34	0	0	0	0	0	0	0	0	0	9.73	8.53	0	0	1
2021	11	24	10.1	0.26	0	0	0	0	0	10.1	0	0	0	0	0	0	0	0	0	9.34	9.73	0	0	1
2021	11	25	9.69	0.61	0	0	0	0	0	9.69	0	0	0	0	0	0	0	0	0	10.1	9.34	0	0	1
2021	11	26	8.29	0	0	0	0	0	0	8.29	0	0	0	0	0	0	0	0	1	9.69	10.1	0	0	1
2021	11	27	8.13	0.12	0	0	0	0	0	8.13	0	0	0	0	0	0	1	0	0	8.29	9.69	0	0	1
2021	11	28	9.21	0.47	0	0	0	0	0	9.21	0	0	0	0	0	1	0	0	0	8.13	8.29	0	0	1
2021	11	29	11.37	0.64	0	0	0	0	0	11.37	0	0	0	0	0	0	0	1	0	9.21	8.13	0	0	1
2021	11	30	12.12	1.56	0	0	0	0	0	12.12	0	0	0	0	0	0	0	0	0	11.37	9.21	0	0	1
2021	12	1	9.55	1.07	0	0	0	0	0	0	9.55	0	0	0	0	0	0	0	0	12.12	11.37	0	0	1
2021	12	2	9.71	0.42	0	0	0	0	0	0	9.71	0	0	0	0	0	0	0	0	9.55	12.12	0	0	1
2021	12	3	7.45	0	0	0	0	0	0	0	7.45	0	0	0	0	0	0	0	1	9.71	9.55	0	0	1
2021	12	4	10.16	0	0	0	0	0	0	0	10.16	0	0	0	0	0	1	0	0	7.45	9.71	0	0	1
2021	12	5	10.66	1.11	0	0	0	0	0	0	10.66	0	0	0	0	1	0	0	0	10.16	7.45	0	0	1
2021	12	6	9.04	0.56	0	0	0	0	0	0	9.04	0	0	0	0	0	0	1	0	10.66	10.16	0	0	1
2021	12	7	10.92	0.57	0	0	0	0	0	0	10.92	0	0	0	0	0	0	0	0	9.04	10.66	0	0	1
2021	12	8	13.13	2.16	0	0	0	0	0	0	13.13	0	0	0	0	0	0	0	0	10.92	9.04	0	0	1
2021	12	9	12.39	1.93	0	0	0	0	0	0	12.39	0	0	0	0	0	0	0	0	13.13	10.92	0	0	1
2021	12	10	10.26	1.13	0	0	0	0	0	0	10.26	0	0	0	0	0	0	0	1	12.39	13.13	0	0	1
2021	12	11	11.94	2.12	0	0	0	0	0	0	11.94	0	0	0	0	0	1	0	0	10.26	12.39	0	0	1
2021	12	12	12.83	2.42	0	0	0	0	0	0	12.83	0	0	0	0	0	1	0	0	11.94	10.26	0	0	1
2021	12	13	12.6	2.25	0	0	0	0	0	0	12.6	0	0	0	0	0	0	1	0	12.83	11.94	0	0	1
2021	12	14	12.83	1.67	0	0	0	0	0	0	12.83	0	0	0	0	0	0	0	0	12.6	12.83	0	0	1
2021	12	15	12.53	1.58	0	0	0	0	0	0	12.53	0	0	0	0	0	0	0	0	12.83	12.6	0	0	1
2021	12	16	16	3.92	0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	12.53	12.83	0	0	1
2021	12	17	15.68	3.11	0	0	0	0	0	0	15.68	0	0	0	0	0	0	0	1	16	12.53	0	0	1
2021	12	18	12.09	1.73	0	0	0	0	0	0	12.09	0	0	0	0	0	1	0	0	15.68	16	0	0	1
2021	12	19	13.92	1.92	0	0	0	0	0	0	13.92	0	0	0	0	1	0	0	0	12.09	15.68	0	0	1
2021	12	20	14.02	1.5	0	0	0	0	0	0	14.02	0	0	0	0	0	0	1	0	13.92	12.09	0	0	1
2021	12	21	11.5	0.66	0	0	0	0	0	0	11.5	0	0	0	0	0	0	0	0	14.02	13.92	0	0	1
2021	12	22	10.44	0.82	0	0	0	0	0	0	10.44	0	0	0	0	0	0	0	0	11.5	14.02	0	0	1
2021	12	23	12.05	0.13	0	0	0	0	0	0	12.05	0	0	0	0	0	0	0	0	10.44	11.5	0	0	1
2021	12	24	11.53	1.05	0	0	0	0	0	0	11.53	0	0	0	0	0	0	0	1	12.05	10.44	0	0	1
2021	12	25	12.64	2.66	0	0	0	0	0	0	12.64	0	0	0	0	0	1	0	0	11.53	12.05	0	0	1

2021	12	26	14.7	3.66	0	0	0	0	0	0	14.7	0	0	0	0	1	0	0	0	12.64	11.53	0	0	1
2021	12	27	14.49	2.3	0	0	0	0	0	0	14.49	0	0	0	0	0	0	1	0	14.7	12.64	0	0	1
2021	12	28	13.86	2.99	0	0	0	0	0	0	13.86	0	0	0	0	0	0	0	0	14.49	14.7	0	0	1
2021	12	29	14.41	2.57	0	0	0	0	0	0	14.41	0	0	0	0	0	0	0	0	13.86	14.49	0	0	1
2021	12	30	16.07	3.52	0	0	0	0	0	0	16.07	0	0	0	0	0	0	0	0	14.41	13.86	0	0	1
2021	12	31	16.79	4.92	0	0	0	0	0	0	16.79	0	0	0	0	0	0	0	1	16.07	14.41	0	0	1

Year	Month	Day	Pred	CONST	HDD13	HDD0	JanHDD13	FebHDD13	MarHDD13	AprHDD13	OctHDD13	NovHDD13	DecHDD13	AugCDD18	JulCDD18	SepCDD18	JunCDD18	Sun	Sat	Mon	Fri	LagHDD13	Lag2HDD13	X-Missing	
2018	1	1	1	38,508.60	19,044.52	5,526.28	-1,046.03	10,076.50	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	4,221.10	958.723	0
2018	1	2	2	38,957.10	19,044.52	5,568.94	-1,063.87	10,154.28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,204.13	1,049.10	0
2018	1	3	3	36,236.04	19,044.52	4,425.87	-585.856	8,070.04	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4,236.59	1,044.88	0
2018	1	4	4	29,812.33	19,044.52	2,248.32	0	4,099.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,367.00	1,052.95	0
2018	1	5	5	29,116.44	19,044.52	2,729.21	0	4,976.38	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,710.42	836.82	0
2018	1	6	6	36,134.69	19,044.52	5,913.12	-1,207.80	10,781.85	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,076.25	425.101	0
2018	1	7	7	39,026.79	19,044.52	6,098.30	-1,285.23	11,119.50	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	4,498.42	516.024	0
2018	1	8	8	35,243.14	19,044.52	3,928.51	-377.867	7,163.15	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	4,639.30	1,118.02	0
2018	1	9	9	30,544.12	19,044.52	2,606.08	0	4,751.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,988.62	1,153.03	0
2018	1	10	10	32,201.51	19,044.52	3,811.20	-328.809	6,949.25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,982.58	742.781	0
2018	1	11	11	28,168.61	19,044.52	2,030.18	0	3,701.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,899.38	492.743	0
2018	1	12	12	23,649.77	19,044.52	892.931	0	1,628.15	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,544.47	720.6	0
2018	1	13	13	20,668.31	19,044.52	516.756	0	942.241	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	679.299	383.856	0
2018	1	14	14	28,676.94	19,044.52	3,646.38	-259.885	6,648.72	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	393.123	168.831	0
2018	1	15	15	33,320.59	19,044.52	4,328.92	-545.312	7,893.26	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,773.99	97.705	0
2018	1	16	16	33,444.84	19,044.52	3,805.38	-326.376	6,938.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,293.24	689.437	0
2018	1	17	17	33,010.04	19,044.52	3,736.54	-297.59	6,813.13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,894.95	818.489	0
2018	1	18	18	31,573.81	19,044.52	3,202.34	-74.195	5,839.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,842.58	719.5	0
2018	1	19	19	34,564.61	19,044.52	4,695.40	-698.567	8,561.49	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,436.19	706.485	0
2018	1	20	20	31,097.33	19,044.52	3,121.87	-40.544	5,692.34	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	3,572.04	605.48	0
2018	1	21	21	29,620.21	19,044.52	2,931.84	0	5,345.85	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,374.97	887.781	0
2018	1	22	22	33,486.43	19,044.52	4,419.09	-583.018	8,057.66	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,230.40	590.265	0
2018	1	23	23	32,461.90	19,044.52	3,424.36	-167.04	6,243.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,361.83	554.336	0
2018	1	24	24	27,472.56	19,044.52	1,766.47	0	3,220.94	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,605.09	835.537	0
2018	1	25	25	32,675.38	19,044.52	4,313.41	-538.825	7,864.97	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,343.85	647.459	0
2018	1	26	26	36,296.60	19,044.52	5,218.94	-917.503	9,516.10	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,281.44	333.995	0
2018	1	27	27	33,543.23	19,044.52	3,885.85	-360.028	7,085.37	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	3,970.33	815.556	0
2018	1	28	28	26,722.71	19,044.52	1,664.67	0	3,035.32	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,956.17	986.769	0
2018	1	29	29	30,390.95	19,044.52	3,472.83	-187.312	6,332.28	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,266.40	734.715	0
2018	1	30	30	33,158.08	19,044.52	4,112.72	-454.9	7,499.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,641.97	314.747	0
2018	1	31	31	35,432.53	19,044.52	4,713.82	-706.27	8,595.07	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,128.76	656.624	0
2018	2	1	1	31,276.13	19,044.52	2,875.61	0	0	4,992.35	0	0	0	0	0	0	0	0	0	0	0	0	0	3,586.05	777.61	0
2018	2	2	2	28,696.32	19,044.52	2,468.41	0	0	4,285.41	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,187.63	891.264	0
2018	2	3	3	35,168.02	19,044.52	5,753.15	-1,140.90	0	9,988.06	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,877.85	543.704	0
2018	2	4	4	31,752.51	19,044.52	3,263.42	-99.737	0	5,665.62	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	4,376.72	466.713	0
2018	2	5	5	27,204.88	19,044.52	1,777.14	0	0	3,085.29	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,482.65	1,087.77	0
2018	2	6	6	30,849.59	19,044.52	3,697.76	-281.373	0	6,419.69	0	0	0	0	0	0										

2018	2	23	31,438.64	19,044.52	3,848.04	-344.216	0	6,680.59	0	0	0	0	0	0	0	0	0	0	-180.897	2,009.13	381.473	0			
2018	2	24	27,944.73	19,044.52	2,328.80	0	0	4,043.03	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,927.41	499.342	0		
2018	2	25	30,068.98	19,044.52	3,548.46	-218.936	0	6,160.48	0	0	0	0	0	0	0	0	-964.744	0	0	0	1,771.64	727.566	0		
2018	2	26	29,071.52	19,044.52	2,616.74	0	0	4,542.93	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,699.50	440.316	0	
2018	2	27	28,682.78	19,044.52	2,549.85	0	0	4,426.79	0	0	0	0	0	0	0	0	0	0	0	0	0	1,990.69	670.923	0	
2018	2	28	27,970.27	19,044.52	2,372.42	0	0	4,118.77	0	0	0	0	0	0	0	0	0	0	0	0	0	1,939.80	494.76	0	
2018	3	1	27,863.59	19,044.52	2,844.58	0	0	0	3,687.55	0	0	0	0	0	0	0	0	0	0	0	0	1,804.83	482.111	0	
2018	3	2	27,278.09	19,044.52	2,526.58	0	0	0	3,275.31	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,164.02	448.565	0	
2018	3	3	25,205.75	19,044.52	2,003.04	0	0	0	2,596.62	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,922.10	537.838	0	
2018	3	4	25,807.49	19,044.52	2,493.61	0	0	0	3,232.57	0	0	0	0	0	0	0	0	-964.744	0	0	0	1,523.81	477.712	0	
2018	3	5	26,698.27	19,044.52	2,460.65	0	0	0	3,189.84	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,897.02	378.723	0
2018	3	6	27,626.19	19,044.52	2,716.60	0	0	0	3,521.65	0	0	0	0	0	0	0	0	0	0	0	0	1,871.95	471.479	0	
2018	3	7	27,828.04	19,044.52	2,722.42	0	0	0	3,529.19	0	0	0	0	0	0	0	0	0	0	0	0	2,066.66	465.246	0	
2018	3	8	27,954.33	19,044.52	2,754.42	0	0	0	3,570.66	0	0	0	0	0	0	0	0	0	0	0	0	2,071.09	513.641	0	
2018	3	9	27,703.14	19,044.52	2,712.73	0	0	0	3,516.62	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,095.43	514.741	0
2018	3	10	27,100.27	19,044.52	2,773.81	0	0	0	3,595.80	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,063.71	520.79	0	
2018	3	11	27,132.58	19,044.52	2,799.98	0	0	0	3,629.73	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,110.18	512.907	0	
2018	3	12	27,916.41	19,044.52	2,826.16	0	0	0	3,663.67	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,130.09	524.456	0
2018	3	13	28,667.94	19,044.52	3,023.94	0	0	0	3,920.06	0	0	0	0	0	0	0	0	0	0	0	0	2,150.01	529.406	0	
2018	3	14	27,071.21	19,044.52	2,260.93	0	0	0	2,930.94	0	0	0	0	0	0	0	0	0	0	0	0	2,300.47	534.355	0	
2018	3	15	27,020.16	19,044.52	2,475.19	0	0	0	3,208.70	0	0	0	0	0	0	0	0	0	0	0	0	0	1,720.01	571.751	0
2018	3	16	27,528.14	19,044.52	2,767.02	0	0	0	3,587.00	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,883.01	427.484	0
2018	3	17	29,903.31	19,044.52	4,216.46	-498.282	0	0	5,465.97	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,105.02	467.996	0	
2018	3	18	30,890.98	19,044.52	4,161.19	-475.172	0	0	5,394.33	0	0	0	0	0	0	0	0	-964.744	0	0	0	3,207.68	523.173	0	
2018	3	19	31,478.37	19,044.52	3,981.83	-400.166	0	0	5,161.81	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,165.64	797.225	0
2018	3	20	30,314.75	19,044.52	3,295.41	-113.117	0	0	4,271.98	0	0	0	0	0	0	0	0	0	0	0	0	3,029.19	786.776	0	
2018	3	21	29,390.82	19,044.52	3,099.57	-31.219	0	0	4,018.10	0	0	0	0	0	0	0	0	0	0	0	0	2,506.99	752.863	0	
2018	3	22	28,395.21	19,044.52	2,773.81	0	0	0	3,595.80	0	0	0	0	0	0	0	0	0	0	0	0	0	2,358.00	623.078	0
2018	3	23	28,067.49	19,044.52	2,833.92	0	0	0	3,673.72	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,110.18	586.049	0
2018	3	24	27,327.48	19,044.52	2,831.01	0	0	0	3,669.95	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,155.91	524.456	0	
2018	3	25	28,145.26	19,044.52	3,253.72	-95.683	0	0	4,217.93	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,153.70	535.822	0	
2018	3	26	29,111.20	19,044.52	3,228.51	-85.142	0	0	4,185.25	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,475.28	535.272	0
2018	3	27	27,283.19	19,044.52	2,250.26	0	0	0	2,917.11	0	0	0	0	0	0	0	0	0	0	0	0	0	2,456.10	615.196	0
2018	3	28	25,997.66	19,044.52	2,016.61	0	0	0	2,614.21	0	0	0	0	0	0	0	0	0	0	0	0	0	1,711.89	610.43	0
2018	3	29	25,387.82	19,044.52	1,908.99	0	0	0	2,474.70	0	0	0	0	0	0	0	0	0	0	0	0	0	1,534.14	425.468	0
2018	3	30	24,971.79	19,044.52	1,861.48	0	0	0	2,413.12	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,452.27	381.289	0
2018	3	31	23,997.46	19,044.52	1,774.23	0	0	0	2,300.00	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	1,416.13	360.942	0
2018	4	1	23,331.74	19,044.52	1,997.22	0	0	0	0	1,553.04	0	0	0	0	0	0	0	-964.744	0	0	0	0	1,349.75	351.959	0
2018	4	2	25,438.68	19,044.52	2,706.91	0	0	0	0	2,104.89	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,519.39	335.461	0
2018	4	3	26,062.29	19,044.52	2,576.99	0	0	0	0	2,003.87	0	0	0	0	0	0	0	0	0	0	0	0	2,059.29	377.623	0
2018	4	4	24,703.39	19,044.52	1,792.65	0	0	0	0	1,393.97	0	0	0	0	0	0	0	0	0	0	0	0	1,960.45	511.808	0
2018	4	5	24,854.23	19,044.52	2,227.00	0	0	0	0	1,731.71	0	0	0	0	0	0	0	0	0	0	0	0	1,363.76	487.244	0
2018	4	6	26,483.41	19,044.52	3,179.07	-64.464	0	0	0	2,472.04	0	0	0												

2018	4	18	24,490.10	19,044.52	1,942.92	0	0	0	0	1,510.82	0	0	0	0	0	0	0	0	0	0	1,403.59	588.249	0	
2018	4	19	24,364.83	19,044.52	1,965.22	0	0	0	0	1,528.16	0	0	0	0	0	0	0	0	0	0	1,478.09	348.843	0	
2018	4	20	24,989.78	19,044.52	2,398.60	0	0	0	0	1,865.15	0	0	0	0	0	0	0	0	0	-180.897	1,495.05	367.358	0	
2018	4	21	23,763.47	19,044.52	1,924.50	0	0	0	0	1,496.50	0	0	0	0	0	0	0	0	0	0	1,824.74	371.574	0	
2018	4	22	22,746.22	19,044.52	1,546.39	0	0	0	0	1,202.47	0	0	0	0	0	0	-964.744	0	0	0	1,464.07	453.514	0	
2018	4	23	22,869.89	19,044.52	1,438.77	0	0	0	0	1,118.79	0	0	0	0	0	0	0	0	0	-272.491	0	1,176.42	363.875	0
2018	4	24	22,389.26	19,044.52	1,101.38	0	0	0	0	856.433	0	0	0	0	0	0	0	0	0	0	1,094.55	292.383	0	
2018	4	25	21,838.22	19,044.52	947.224	0	0	0	0	736.562	0	0	0	0	0	0	0	0	0	0	837.876	272.035	0	
2018	4	26	21,758.83	19,044.52	1,004.43	0	0	0	0	781.042	0	0	0	0	0	0	0	0	0	0	720.603	208.243	0	
2018	4	27	21,409.62	19,044.52	901.657	0	0	0	0	701.129	0	0	0	0	0	0	0	0	0	0	-180.897	764.12	179.096	0
2018	4	28	20,735.09	19,044.52	963.706	0	0	0	0	749.378	0	0	0	0	0	0	0	0	-898.36	0	0	685.938	189.911	0
2018	4	29	19,526.28	19,044.52	305.4	0	0	0	0	237.479	0	0	0	0	0	0	0	-964.744	0	0	0	733.142	170.48	0
2018	4	30	21,863.05	19,044.52	1,505.67	0	0	0	0	1,170.81	0	0	0	0	0	0	0	0	0	-272.491	0	232.334	182.212	0
2018	5	1	22,002.54	19,044.52	1,754.84	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,145.44	57.743	0	
2018	5	2	21,206.16	19,044.52	541.963	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,335.00	284.684	0	
2018	5	3	20,022.27	19,044.52	233.655	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	412.3	331.795	0	
2018	5	4	20,750.35	19,044.52	1,606.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	177.754	102.472	0	
2018	5	5	19,417.33	19,044.52	4.848	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,222.15	44.178	0	
2018	5	6	18,638.32	19,044.52	251.107	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	3.688	303.748	0
2018	5	7	19,626.16	19,044.52	662.184	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	191.03	0.917	0
2018	5	8	20,857.11	19,044.52	1,261.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	503.758	47.478	0	
2018	5	9	20,771.12	19,044.52	641.824	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	959.575	125.202	0	
2018	5	10	21,085.95	19,044.52	1,314.67	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	488.27	238.489	0	
2018	5	11	20,164.48	19,044.52	179.362	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,000.14	121.353	0	
2018	5	12	19,809.98	19,044.52	1,278.80	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	136.45	248.571	0	
2018	5	13	19,762.30	19,044.52	675.758	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	972.851	33.913	0
2018	5	14	20,397.56	19,044.52	869.662	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	514.084	241.789	0
2018	5	15	20,436.93	19,044.52	603.043	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	661.598	127.769	0	
2018	5	16	20,745.83	19,044.52	1,078.11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	458.767	164.431	0	
2018	5	17	20,497.41	19,044.52	518.695	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	820.175	114.02	0	
2018	5	18	20,033.11	19,044.52	571.049	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	394.599	203.843	0	
2018	5	19	19,403.86	19,044.52	725.203	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	434.427	98.072	0	
2018	5	20	18,739.45	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	551.7	107.971	0
2018	5	21	18,909.15	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	137.118	0
2018	5	22	19,597.15	19,044.52	552.628	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	5	23	20,037.92	19,044.52	572.988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	420.413	0	0	
2018	5	24	20,748.34	19,044.52	1,163.43	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	435.902	104.488	0	
2018	5	25	20,283.63	19,044.52	426.59	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	885.081	108.337	0
2018	5	26	18,906.87	19,044.52	216.204	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	324.53	219.975	0	0
2018	5	27	19,562.02	19,044.52	1,237.11	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	164.478	80.657	0
2018	5	28	20,673.15	19,044.52	919.108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	941.136	40.879	0
2018	5	29	19,977.64	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	699.214	233.906	0
2018	5	30	19,218.30	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	173.78	0	0
2018	5	31	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	6	1	19,419.83	19,044.52	0	0	0	0	0	0	0	0	0	0	0	556.203	0	0	0	-180.897	0	0	0	0
2018	6	2	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0	0
2018	6	3	19,356.64	19,044.52	1,276.86	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0
2018	6	4	21,443.95	19,044.52	1,700.54	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	971.376	0	0
2018	6	5	22,186.13	19,044.52	1,606.50	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,293.69	241.422	0	
2018	6	6	21,948.44	19,044.52	1,360.24	0	0	0	0</															

2018	6	11	19,383.80	19,044.52	611.769	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2018	6	12	19,815.32	19,044.52	305.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	465.405	0	0
2018	6	13	19,392.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	232.334	115.67	0
2018	6	14	20,291.87	19,044.52	1,189.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	57.743	0
2018	6	15	20,078.87	19,044.52	310.247	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	904.995	0	0
2018	6	16	18,607.10	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	236.022	224.924	0
2018	6	17	18,212.12	19,044.52	73.684	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	58.66	0
2018	6	18	19,228.50	19,044.52	400.413	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	56.055	0	0
2018	6	19	19,363.07	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	304.615	13.932	0
2018	6	20	19,120.23	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	75.708	0
2018	6	21	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	6	22	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2018	6	23	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2018	6	24	18,142.57	19,044.52	0	0	0	0	0	0	0	0	0	0	0	62.797	-964.744	0	0	0	0	0	0
2018	6	25	18,886.43	19,044.52	114.404	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2018	6	26	19,131.55	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87.033	0	0
2018	6	27	19,066.15	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21.631	0
2018	6	28	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	6	29	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2018	6	30	18,889.26	19,044.52	0	0	0	0	0	0	0	0	0	0	0	743.099	0	-898.36	0	0	0	0	0
2018	7	1	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0
2018	7	2	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2018	7	3	19,666.44	19,044.52	0	0	0	0	0	0	0	0	0	621.923	0	0	0	0	0	0	0	0	0
2018	7	4	22,962.40	19,044.52	0	0	0	0	0	0	0	0	0	3,917.89	0	0	0	0	0	0	0	0	0
2018	7	5	21,855.99	19,044.52	0	0	0	0	0	0	0	0	0	2,811.47	0	0	0	0	0	0	0	0	0
2018	7	6	19,282.90	19,044.52	0	0	0	0	0	0	0	0	0	419.274	0	0	0	0	0	-180.897	0	0	0
2018	7	7	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2018	7	8	18,741.30	19,044.52	0	0	0	0	0	0	0	0	0	661.522	0	0	-964.744	0	0	0	0	0	0
2018	7	9	19,193.63	19,044.52	0	0	0	0	0	0	0	0	0	421.604	0	0	0	0	-272.491	0	0	0	0
2018	7	10	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	7	11	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	7	12	19,482.43	19,044.52	0	0	0	0	0	0	0	0	0	437.909	0	0	0	0	0	0	0	0	0
2018	7	13	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2018	7	14	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2018	7	15	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0
2018	7	16	20,432.82	19,044.52	0	0	0	0	0	0	0	0	0	1,660.79	0	0	0	0	-272.491	0	0	0	0
2018	7	17	19,084.12	19,044.52	0	0	0	0	0	0	0	0	0	39.598	0	0	0	0	0	0	0	0	0
2018	7	18	19,156.33	19,044.52	0	0	0	0	0	0	0	0	0	111.806	0	0	0	0	0	0	0	0	0
2018	7	19	19,533.67	19,044.52	0	0	0	0	0	0	0	0	0	489.153	0	0	0	0	0	0	0	0	0
2018	7	20	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2018	7	21	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2018	7	22	18,480.42	19,044.52	0	0	0	0	0	0	0	0	0	400.64	0	0	-964.744	0	0	0	0	0	0
2018	7	23	20,465.43	19,044.52	0	0	0	0	0	0	0	0	0	1,693.40	0	0	0	0	-272.491	0	0	0	0
2018	7	24	21,366.83	19,044.52	0	0	0	0	0	0	0	0	0	2,322.31	0	0	0	0	0	0	0	0	0
2018	7	25	21,490.29	19,044.52	0	0	0	0	0	0	0	0	0	2,445.77	0	0	0	0	0	0	0	0	0
2018	7	26	21,341.21	19,044.52	0	0	0	0	0	0	0	0	0	2,296.69	0	0	0	0	0	0	0	0	0
2018	7	27	20,324.09	19,044.52	0	0	0	0	0	0	0	0	0	1,460.47	0	0	0	0	0	-180.897	0	0	0
2018	7	28	19,110.49	19,044.52	0	0	0	0	0	0	0	0	0	964.331	0	0	0	-898.36	0	0	0	0	0
2018	7	29	19,628.76	19,044.52	0	0	0	0	0	0	0	0	0	1,548.99	0	0	-964.744	0	0	0	0	0	0
2018	7	30	21,366.87	19,044.52	0	0	0	0	0	0	0	0	0	2,594.84	0	0	0	0	-272.491	0	0	0	0
2018	7	31	21,443.70	19,044.52	0	0	0	0	0	0	0	0	0	2,399.18	0	0	0	0	0	0	0	0	0
2018	8	1	21,157.14	19,044.52	0	0	0	0	0	0	0	0	0	2,112.62	0	0	0	0	0	0	0	0	0
2018	8	2	20,423.81	19,044.52	0	0	0	0	0	0	0	0	0	1,379.29	0	0	0	0	0	0	0	0	0
2018	8	3	22,015.31	19,044.52	0	0	0	0	0	0	0	0	0	3,151.69	0	0	0	0	0	-180.897	0	0	0

2022 LFR CA IR-14 Attachment 1 Page 32 of 57

2018	8	4	20,231.19	19,044.52	0	0	0	0	0	0	0	0	2,085.03	0	0	0	0	-898.36	0	0	0	0	0
2018	8	5	19,288.96	19,044.52	0	0	0	0	0	0	0	0	1,209.18	0	0	0	-964.744	0	0	0	0	0	0
2018	8	6	20,585.80	19,044.52	0	0	0	0	0	0	0	0	1,813.77	0	0	0	0	0	-272.491	0	0	0	0
2018	8	7	20,890.48	19,044.52	0	0	0	0	0	0	0	0	1,845.96	0	0	0	0	0	0	0	0	0	0
2018	8	8	21,104.27	19,044.52	0	0	0	0	0	0	0	0	2,059.75	0	0	0	0	0	0	0	0	0	0
2018	8	9	20,391.63	19,044.52	0	0	0	0	0	0	0	0	1,347.11	0	0	0	0	0	0	0	0	0	0
2018	8	10	20,999.23	19,044.52	0	0	0	0	0	0	0	0	2,135.61	0	0	0	0	0	0	-180.897	0	0	0
2018	8	11	19,463.39	19,044.52	0	0	0	0	0	0	0	0	1,317.23	0	0	0	0	-898.36	0	0	0	0	0
2018	8	12	19,454.47	19,044.52	0	0	0	0	0	0	0	0	1,374.70	0	0	0	-964.744	0	0	0	0	0	0
2018	8	13	19,608.80	19,044.52	0	0	0	0	0	0	0	0	836.772	0	0	0	0	0	-272.491	0	0	0	0
2018	8	14	20,205.43	19,044.52	0	0	0	0	0	0	0	0	1,160.91	0	0	0	0	0	0	0	0	0	0
2018	8	15	20,219.22	19,044.52	0	0	0	0	0	0	0	0	1,174.70	0	0	0	0	0	0	0	0	0	0
2018	8	16	21,099.67	19,044.52	0	0	0	0	0	0	0	0	2,055.15	0	0	0	0	0	0	0	0	0	0
2018	8	17	19,098.10	19,044.52	0	0	0	0	0	0	0	0	234.48	0	0	0	0	0	0	-180.897	0	0	0
2018	8	18	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2018	8	19	18,721.15	19,044.52	0	0	0	0	0	0	0	0	641.372	0	0	0	-964.744	0	0	0	0	0	0
2018	8	20	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2018	8	21	19,334.17	19,044.52	0	0	0	0	0	0	0	0	289.652	0	0	0	0	0	0	0	0	0	0
2018	8	22	20,056.00	19,044.52	0	0	0	0	0	0	0	0	1,011.48	0	0	0	0	0	0	0	0	0	0
2018	8	23	20,515.77	19,044.52	0	0	0	0	0	0	0	0	1,471.25	0	0	0	0	0	0	0	0	0	0
2018	8	24	19,882.00	19,044.52	0	0	0	0	0	0	0	0	1,018.38	0	0	0	0	0	0	-180.897	0	0	0
2018	8	25	19,166.84	19,044.52	0	0	0	0	0	0	0	0	1,020.68	0	0	0	0	-898.36	0	0	0	0	0
2018	8	26	18,530.35	19,044.52	0	0	0	0	0	0	0	0	450.569	0	0	0	-964.744	0	0	0	0	0	0
2018	8	27	20,590.40	19,044.52	0	0	0	0	0	0	0	0	1,818.37	0	0	0	0	0	-272.491	0	0	0	0
2018	8	28	21,600.81	19,044.52	0	0	0	0	0	0	0	0	2,556.29	0	0	0	0	0	0	0	0	0	0
2018	8	29	22,467.47	19,044.52	0	0	0	0	0	0	0	0	3,422.95	0	0	0	0	0	0	0	0	0	0
2018	8	30	21,391.62	19,044.52	0	0	0	0	0	0	0	0	2,347.10	0	0	0	0	0	0	0	0	0	0
2018	8	31	18,916.50	19,044.52	0	0	0	0	0	0	0	0	52.873	0	0	0	0	0	0	-180.897	0	0	0
2018	9	1	18,161.42	19,044.52	0	0	0	0	0	0	0	0	0	0	15.258	0	0	-898.36	0	0	0	0	0
2018	9	2	18,260.10	19,044.52	0	0	0	0	0	0	0	0	0	0	180.324	0	-964.744	0	0	0	0	0	0
2018	9	3	19,544.65	19,044.52	0	0	0	0	0	0	0	0	0	0	772.62	0	0	0	-272.491	0	0	0	0
2018	9	4	19,989.14	19,044.52	0	0	0	0	0	0	0	0	0	0	944.621	0	0	0	0	0	0	0	0
2018	9	5	19,402.39	19,044.52	0	0	0	0	0	0	0	0	0	0	357.874	0	0	0	0	0	0	0	0
2018	9	6	20,359.50	19,044.52	0	0	0	0	0	0	0	0	0	0	1,314.98	0	0	0	0	0	0	0	0
2018	9	7	18,885.82	19,044.52	0	0	0	0	0	0	0	0	0	0	22.194	0	0	0	0	-180.897	0	0	0
2018	9	8	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2018	9	9	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0
2018	9	10	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2018	9	11	19,170.75	19,044.52	0	0	0	0	0	0	0	0	0	0	126.227	0	0	0	0	0	0	0	0
2018	9	12	19,609.07	19,044.52	0	0	0	0	0	0	0	0	0	0	564.553	0	0	0	0	0	0	0	0
2018	9	13	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	9	14	18,964.88	19,044.52	0	0	0	0	0	0	0	0	0	0	101.259	0	0	0	0	-180.897	0	0	0
2018	9	15	18,735.68	19,044.52	0	0	0	0	0	0	0	0	0	0	589.521	0	0	-898.36	0	0	0	0	0
2018	9	16	18,558.33	19,044.52	0	0	0	0	0	0	0	0	0	0	478.553	0	-964.744	0	0	0	0	0	0
2018	9	17	19,562.68	19,044.52	0	0	0	0	0	0	0	0	0	0	790.652	0	0	0	-272.491	0	0	0	0
2018	9	18	19,793.56	19,044.52	0	0	0	0	0	0	0	0	0	0	749.039	0	0	0	0	0	0	0	0
2018	9	19	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	9	20	19,218.06	19,044.52	173.545	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2018	9	21	18,995.65	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	132.025	0	0
2018	9	22	18,178.97	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	32.813	0
2018	9	23	18,120.50	19,044.52	40.72	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0
2018	9	24	19,503.00	19,044.52	699.996	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	30.978	0
2018	9	25	20,348.73	19,044.52	763.984	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	532.524	7.699
2018	9	26	19,758.07	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	581.203	132.351

2018	9	27	19,188.97	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	144.45	0
2018	9	28	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0	0
2018	9	29	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0	0
2018	9	30	18,182.55	19,044.52	102.769	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0	0
2018	10	1	19,106.55	19,044.52	146.398	0	0	0	0	0	109.943	0	0	0	0	0	0	0	-272.491	0	78.182	0	0
2018	10	2	20,182.01	19,044.52	574.927	0	0	0	0	0	431.761	0	0	0	0	0	0	0	0	0	111.373	19.431	0
2018	10	3	19,509.58	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	437.377	27.68	0
2018	10	4	19,153.22	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	108.704	0
2018	10	5	18,867.02	19,044.52	1.939	0	0	0	0	0	1.456	0	0	0	0	0	0	0	-180.897	0	0	0	0
2018	10	6	19,296.92	19,044.52	656.367	0	0	0	0	0	492.921	0	0	0	0	0	0	-898.36	0	0	1.475	0	0
2018	10	7	19,287.38	19,044.52	404.291	0	0	0	0	0	303.616	0	0	0	0	0	-964.744	0	0	0	499.333	0.367	0
2018	10	8	20,779.09	19,044.52	899.718	0	0	0	0	0	675.674	0	0	0	0	0	0	0	-272.491	0	307.566	124.102	0
2018	10	9	19,805.42	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	684.462	76.441	0
2018	10	10	19,214.63	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	170.114	0
2018	10	11	21,057.90	19,044.52	1,149.85	0	0	0	0	0	863.522	0	0	0	0	0	0	0	0	0	0	0	0
2018	10	12	19,738.38	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	874.755	0	0	0
2018	10	13	20,108.72	19,044.52	996.67	0	0	0	0	0	748.483	0	0	0	0	0	0	-898.36	0	0	0	217.408	0
2018	10	14	21,180.71	19,044.52	1,337.94	0	0	0	0	0	1,004.77	0	0	0	0	0	-964.744	0	0	0	758.219	0	0
2018	10	15	21,149.67	19,044.52	668.971	0	0	0	0	0	502.387	0	0	0	0	0	0	0	-272.491	0	1,017.84	188.445	0
2018	10	16	20,174.80	19,044.52	210.387	0	0	0	0	0	157.997	0	0	0	0	0	0	0	0	0	508.921	252.971	0
2018	10	17	21,149.21	19,044.52	1,038.36	0	0	0	0	0	779.791	0	0	0	0	0	0	0	0	0	160.052	126.485	0
2018	10	18	23,284.75	19,044.52	1,947.77	0	0	0	0	0	1,462.75	0	0	0	0	0	0	0	0	0	789.935	39.779	0
2018	10	19	24,436.06	19,044.52	2,224.09	0	0	0	0	0	1,670.25	0	0	0	0	0	0	0	-180.897	1,481.77	196.327	0	0
2018	10	20	20,430.50	19,044.52	127.977	0	0	0	0	0	96.109	0	0	0	0	0	0	-898.36	0	0	1,691.98	368.274	0
2018	10	21	19,592.46	19,044.52	568.141	0	0	0	0	0	426.665	0	0	0	0	0	-964.744	0	0	0	97.359	420.518	0
2018	10	22	23,027.71	19,044.52	2,169.79	0	0	0	0	0	1,629.48	0	0	0	0	0	0	0	-272.491	0	432.214	24.197	0
2018	10	23	23,871.91	19,044.52	1,752.90	0	0	0	0	0	1,316.40	0	0	0	0	0	0	0	0	0	1,650.68	107.421	0
2018	10	24	21,569.20	19,044.52	445.981	0	0	0	0	0	334.924	0	0	0	0	0	0	0	0	0	1,333.52	410.253	0
2018	10	25	23,185.16	19,044.52	1,981.71	0	0	0	0	0	1,488.23	0	0	0	0	0	0	0	0	0	339.281	331.428	0
2018	10	26	24,825.21	19,044.52	2,495.55	0	0	0	0	0	1,874.12	0	0	0	0	0	0	0	-180.897	1,507.59	84.324	0	0
2018	10	27	24,671.89	19,044.52	2,428.66	0	0	0	0	0	1,823.88	0	0	0	0	0	0	-898.36	0	0	1,898.50	374.69	0
2018	10	28	20,730.26	19,044.52	189.057	0	0	0	0	0	141.979	0	0	0	0	0	-964.744	0	0	0	1,847.61	471.846	0
2018	10	29	20,096.54	19,044.52	412.047	0	0	0	0	0	309.441	0	0	0	0	0	0	0	-272.491	0	143.826	459.197	0
2018	10	30	20,823.13	19,044.52	816.339	0	0	0	0	0	613.057	0	0	0	0	0	0	0	0	0	313.466	35.746	0
2018	10	31	22,232.17	19,044.52	1,421.32	0	0	0	0	0	1,067.39	0	0	0	0	0	0	0	0	0	621.032	77.908	0
2018	11	1	22,511.09	19,044.52	891.961	0	0	0	0	0	0	1,338.99	0	0	0	0	0	0	0	0	1,081.27	154.349	0
2018	11	2	20,400.18	19,044.52	235.594	0	0	0	0	0	0	353.668	0	0	0	0	0	0	-180.897	678.562	268.736	0	0
2018	11	3	18,494.04	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	179.229	168.647	0
2018	11	4	21,058.50	19,044.52	1,173.12	0	0	0	0	0	0	1,761.06	0	0	0	0	-964.744	0	0	0	0	44.545	0
2018	11	5	24,366.45	19,044.52	1,879.91	0	0	0	0	0	0	2,822.06	0	0	0	0	0	0	-272.491	0	892.456	0	0
2018	11	6	22,461.83	19,044.52	705.813	0	0	0	0	0	0	1,059.55	0	0	0	0	0	0	0	0	1,430.14	221.808	0
2018	11	7	19,936.91	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	536.949	355.442	0
2018	11	8	21,488.94	19,044.52	923.956	0	0	0	0	0	0	1,387.02	0	0	0	0	0	0	0	0	0	133.451	0
2018	11	9	23,410.06	19,044.52	1,536.69	0	0	0	0	0	0	2,306.84	0	0	0	0	0	0	-180.897	702.902	0	0	0
2018	11	10	22,302.84	19,044.52	1,124.65	0	0	0	0	0	0	1,688.29	0	0	0	0	0	-898.36	0	0	1,169.04	174.697	0
2018	11	11	25,123.37	19,044.52	2,357.88	0	0	0	0	0	0	3,539.59	0	0	0	0	-964.744	0	0	0	855.578	290.55	0
2018	11	12	27,895.65	19,044.52	2,845.55	0	0	0	0	0	0	4,271.66	0	0	0	0	0	0	-272.491	0	1,793.76	212.642	0
2018	11	13	27,140.32	19,044.52	2,193.06	0	0	0	0	0	0	3,292.17	0	0	0	0	0	0	0	0	2,164.76	445.815	0
2018	11	14	28,768.25	19,044.52	3,005.52	0	0	0	0	0	0	4,511.81	0	0	0	0	0	0	0	0	1,668.38	538.021	0
2018	11	15	30,957.36	19,044.52	3,815.07	-330.431	0	0	0	0	0	5,727.09	0	0	0	0	0	0	0	0	2,286.46	414.652	0
2018	11	16	29,924.28	19,044.52	3,036.55	-4.865	0	0	0	0	0	4,558.38	0	0	0	0	0	0	-180.897	2,902.33	568.268	0	0
2018	11	17	27,739.46	19,044.52	2,623.53	0	0	0	0	0	0	3,938.37	0	0	0	0	0	-898.36	0	0	2,310.06	721.333	0
2018	11	18	27,994.93	19,044.52	2,936.69	0	0	0	0	0	0	4,408.47	0	0	0	0	-964.744	0	0	0	1,995.86	574.134	0
2018	11	19	29,012.22	19,044.52	3,002.61	0	0	0	0	0	0	4,507.44	0	0	0	0	0	0	-272.491	0	2,234.09	496.043	0

2018	11	20	27,633.56	19,044.52	2,298.74	0	0	0	0	0	0	3,450.81	0	0	0	0	0	0	0	0	2,284.25	555.253	0
2018	11	21	27,697.39	19,044.52	2,533.36	0	0	0	0	0	0	3,803.02	0	0	0	0	0	0	0	0	1,748.77	567.718	0
2018	11	22	32,526.58	19,044.52	4,731.27	-713.568	0	0	0	0	0	7,102.46	0	0	0	0	0	0	0	0	1,927.26	434.633	0
2018	11	23	34,031.82	19,044.52	4,716.73	-707.487	0	0	0	0	0	7,080.63	0	0	0	0	0	0	0	-180.897	3,599.33	478.995	0
2018	11	24	29,055.09	19,044.52	2,569.24	0	0	0	0	0	0	3,856.87	0	0	0	0	0	-898.36	0	0	3,588.27	894.563	0
2018	11	25	26,794.51	19,044.52	2,346.25	0	0	0	0	0	0	3,522.12	0	0	0	0	-964.744	0	0	0	1,954.55	891.814	0
2018	11	26	27,810.74	19,044.52	2,705.94	0	0	0	0	0	0	4,062.08	0	0	0	0	0	0	-272.491	0	1,784.91	485.777	0
2018	11	27	27,061.01	19,044.52	2,204.70	0	0	0	0	0	0	3,309.63	0	0	0	0	0	0	0	0	2,058.55	443.615	0
2018	11	28	25,375.18	19,044.52	1,655.95	0	0	0	0	0	0	2,485.86	0	0	0	0	0	0	0	0	1,677.23	511.624	0
2018	11	29	27,576.46	19,044.52	2,740.84	0	0	0	0	0	0	4,114.48	0	0	0	0	0	0	0	0	1,259.77	416.852	0
2018	11	30	27,799.48	19,044.52	2,613.83	0	0	0	0	0	0	3,923.82	0	0	0	0	0	0	0	-180.897	2,085.10	313.097	0
2018	12	1	28,504.54	19,044.52	2,836.83	0	0	0	0	0	0	5,014.85	0	0	0	0	0	-898.36	0	0	1,988.48	518.224	0
2018	12	2	27,805.59	19,044.52	2,555.66	0	0	0	0	0	0	4,517.82	0	0	0	0	-964.744	0	0	0	2,158.12	494.21	0
2018	12	3	24,062.16	19,044.52	1,015.09	0	0	0	0	0	0	1,794.45	0	0	0	0	0	0	-272.491	0	1,944.23	536.371	0
2018	12	4	28,605.14	19,044.52	3,000.67	0	0	0	0	0	0	5,304.50	0	0	0	0	0	0	0	0	772.233	483.211	0
2018	12	5	32,187.68	19,044.52	4,002.19	-408.68	0	0	0	0	0	7,074.95	0	0	0	0	0	0	0	0	2,282.77	191.928	0
2018	12	6	32,965.09	19,044.52	3,849.01	-344.621	0	0	0	0	0	6,804.16	0	0	0	0	0	0	0	0	3,044.68	567.351	0
2018	12	7	31,444.67	19,044.52	3,247.90	-93.25	0	0	0	0	0	5,741.54	0	0	0	0	0	0	0	-180.897	2,928.14	756.713	0
2018	12	8	32,944.92	19,044.52	4,398.73	-574.504	0	0	0	0	0	7,775.94	0	0	0	0	0	-898.36	0	0	2,470.85	727.749	0
2018	12	9	34,840.87	19,044.52	4,909.67	-788.169	0	0	0	0	0	8,679.16	0	0	0	0	-964.744	0	0	0	3,346.34	614.096	0
2018	12	10	33,729.31	19,044.52	3,883.91	-359.217	0	0	0	0	0	6,865.86	0	0	0	0	0	0	-272.491	0	3,735.04	831.687	0
2018	12	11	35,268.01	19,044.52	4,713.82	-706.27	0	0	0	0	0	8,332.95	0	0	0	0	0	0	0	0	2,954.70	928.293	0
2018	12	12	35,370.56	19,044.52	4,571.30	-646.671	0	0	0	0	0	8,081.01	0	0	0	0	0	0	0	0	3,586.05	734.349	0
2018	12	13	35,587.62	19,044.52	4,643.05	-676.674	0	0	0	0	0	8,207.84	0	0	0	0	0	0	0	0	3,477.63	891.264	0
2018	12	14	32,698.51	19,044.52	3,478.65	-189.744	0	0	0	0	0	6,149.45	0	0	0	0	0	0	0	-180.897	3,532.21	864.317	0
2018	12	15	27,117.77	19,044.52	1,968.13	0	0	0	0	0	0	3,479.20	0	0	0	0	0	-898.36	0	0	2,646.39	877.882	0
2018	12	16	28,812.04	19,044.52	3,112.17	-36.489	0	0	0	0	0	5,501.60	0	0	0	0	-964.744	0	0	0	1,497.26	657.724	0
2018	12	17	28,816.00	19,044.52	2,639.04	0	0	0	0	0	0	4,665.22	0	0	0	0	0	0	-272.491	0	2,367.59	372.124	0
2018	12	18	30,388.74	19,044.52	3,184.88	-66.897	0	0	0	0	0	5,630.14	0	0	0	0	0	0	0	0	2,007.66	588.432	0
2018	12	19	32,115.49	19,044.52	3,781.14	-316.241	0	0	0	0	0	6,684.19	0	0	0	0	0	0	0	0	2,422.91	498.976	0
2018	12	20	31,688.21	19,044.52	3,362.31	-141.092	0	0	0	0	0	5,943.78	0	0	0	0	0	0	0	0	2,876.51	602.181	0
2018	12	21	28,901.32	19,044.52	2,444.17	0	0	0	0	0	0	4,320.73	0	0	0	0	0	0	0	-180.897	2,557.88	714.918	0
2018	12	22	23,622.57	19,044.52	1,077.14	0	0	0	0	0	0	1,904.14	0	0	0	0	0	-898.36	0	0	1,859.41	635.727	0
2018	12	23	26,606.57	19,044.52	2,617.71	0	0	0	0	0	0	4,627.51	0	0	0	0	-964.744	0	0	0	819.437	462.13	0
2018	12	24	31,697.09	19,044.52	4,028.37	-419.627	0	0	0	0	0	7,121.23	0	0	0	0	0	0	-272.491	0	1,991.43	203.66	0
2018	12	25	35,131.35	19,044.52	4,793.32	-739.516	0	0	0	0	0	8,473.49	0	0	0	0	0	0	0	0	3,064.59	494.943	0
2018	12	26	35,210.05	19,044.52	4,465.62	-602.479	0	0	0	0	0	7,894.20	0	0	0	0	0	0	0	0	3,646.53	761.662	0
2018	12	27	36,419.78	19,044.52	5,025.04	-836.416	0	0	0	0	0	8,883.11	0	0	0	0	0	0	0	0	3,397.24	906.295	0
2018	12	28	35,691.31	19,044.52	4,637.23	-674.241	0	0	0	0	0	8,197.55	0	0	0	0	0	0	0	-180.897	3,822.81	844.336	0
2018	12	29	27,709.13	19,044.52	1,837.25	0	0	0	0	0	0	3,247.83	0	0	0	0	0	-898.36	0	0	3,527.78	950.107	0
2018	12	30	32,863.32	19,044.52	4,785.57	-736.273	0	0	0	0	0	8,459.78	0	0	0	0	-964.744	0	0	0	1,397.69	876.782	0
2018	12	31	35,150.66	19,044.52	4,735.15	-715.19	0	0	0	0	0	8,370.66	0	0	0	0	0	0	-272.491	0	3,640.63	347.377	0
2019	1	1	31,654.12	19,044.52	2,869.79	0	5,232.71	0															

2019	1	13	35,627.06	19,044.52	4,831.13	-755.328	8,808.98	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	3,937.87	724.633	0
2019	1	14	37,224.92	19,044.52	5,211.19	-914.259	9,501.96	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,675.30	978.704	0
2019	1	15	35,718.18	19,044.52	4,378.37	-565.989	7,983.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,964.42	913.445	0
2019	1	16	33,601.09	19,044.52	3,731.70	-295.563	6,804.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,330.85	985.303	0
2019	1	17	34,838.17	19,044.52	4,516.04	-623.561	8,234.44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,838.90	827.838	0
2019	1	18	35,087.39	19,044.52	4,497.62	-615.858	8,200.85	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,435.59	705.569	0
2019	1	19	33,699.71	19,044.52	4,163.13	-475.983	7,590.96	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	3,421.58	853.868	0
2019	1	20	32,153.47	19,044.52	3,655.10	-263.534	6,664.63	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	3,167.11	850.385	0
2019	1	21	30,384.81	19,044.52	2,849.43	0	5,195.58	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,780.63	787.143	0
2019	1	22	35,597.27	19,044.52	5,167.56	-896.015	9,422.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,167.71	691.087	0
2019	1	23	34,813.60	19,044.52	4,171.86	-479.631	7,606.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,931.23	538.755	0
2019	1	24	27,588.74	19,044.52	1,556.09	0	2,837.33	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,173.75	977.054	0
2019	1	25	26,132.94	19,044.52	1,876.03	0	3,420.71	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,183.80	788.792	0
2019	1	26	28,790.47	19,044.52	3,183.91	-66.492	5,805.48	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,427.19	294.216	0
2019	1	27	29,011.16	19,044.52	2,888.21	0	5,266.30	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,422.17	354.709	0
2019	1	28	29,742.17	19,044.52	2,894.03	0	5,276.90	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,197.21	601.997	0
2019	1	29	33,937.82	19,044.52	4,523.80	-626.805	8,248.58	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,201.64	546.087	0
2019	1	30	31,711.24	19,044.52	3,082.11	-23.921	5,619.86	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3,441.49	547.187	0
2019	1	31	34,135.98	19,044.52	4,418.12	-582.612	8,055.89	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2,344.73	855.335	0
2019	2	1	35,956.03	19,044.52	5,126.84	-878.986	0	8,900.72	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,361.09	582.749	0
2019	2	2	34,807.82	19,044.52	4,599.42	-658.429	0	7,985.06	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	3,900.26	835.354	0
2019	2	3	34,274.19	19,044.52	4,513.13	-622.345	0	7,835.26	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	3,499.02	969.355	0
2019	2	4	31,327.63	19,044.52	3,016.19	0	0	5,236.41	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,433.38	869.633	0
2019	2	5	28,373.23	19,044.52	2,258.99	0	0	3,921.84	0	0	0	0	0	0	0	0	0	0	0	0	0	2,294.57	853.318	0
2019	2	6	30,146.90	19,044.52	3,256.63	-96.899	0	5,653.84	0	0	0	0	0	0	0	0	0	0	0	0	0	1,718.53	570.284	0
2019	2	7	32,039.15	19,044.52	3,807.32	-327.187	0	6,609.89	0	0	0	0	0	0	0	0	0	0	0	0	0	2,477.49	427.117	0
2019	2	8	29,323.25	19,044.52	2,539.18	0	0	4,408.28	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,896.43	615.746	0
2019	2	9	31,332.70	19,044.52	3,999.28	-407.464	0	6,943.16	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,931.69	719.867	0
2019	2	10	33,177.81	19,044.52	4,448.17	-595.181	0	7,722.48	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	3,042.47	480.095	0
2019	2	11	35,397.77	19,044.52	4,840.83	-759.383	0	8,404.17	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,383.96	756.163	0
2019	2	12	35,269.55	19,044.52	4,502.47	-617.885	0	7,816.74	0	0	0	0	0	0	0	0	0	0	0	0	0	3,682.67	841.036	0
2019	2	13	33,023.38	19,044.52	3,612.44	-245.695	0	6,271.57	0	0	0	0	0	0	0	0	0	0	0	0	0	3,425.26	915.278	0
2019	2	14	32,217.15	19,044.52	3,584.33	-233.937	0	6,222.76	0	0	0	0	0	0	0	0	0	0	0	0	0	2,748.18	851.302	0
2019	2	15	32,484.81	19,044.52	3,859.67	-349.081	0	6,700.78	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,726.79	683.021	0
2019	2	16	27,964.82	19,044.52	2,267.72	0	0	3,936.98	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,936.26	677.705	0
2019	2	17	30,251.69	19,044.52	3,646.38	-259.885	0	6,330.48	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	1,725.17	729.766	0
2019	2	18	33,631.16	19,044.52	4,483.08	-609.777	0	7,783.08	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,773.99	428.767	0
2019	2	19	36,003.14	19,044.52	5,001.77	-826.685	0	8,683.58	0	0	0	0	0	0	0	0	0	0	0	0	0	3,410.51	689.437	0
2019	2	20	37,250.34	19,044.52	5,301.35	-951.965	0	9,203.69	0	0	0	0	0	0	0	0	0	0	0	0	0	3,805.11	847.636	0
2019	2	21	35,949.29	19,044.52	4,599.42	-658.429	0	7,985.06	0	0	0	0	0	0	0	0	0	0	0	0	0	4,033.02	945.708	0
2019	2	22	33,976.38	19,044.52	4,032.25	-421.249	0	7,000.39	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,499.02	1,002.35	0
2019	2	23	33,105.98	19,044.52	4,209.67	-495.443	0	7,308.42	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	3,067.54	869.633</	

2019	3	8	33,650.55	19,044.52	4,615.90	-665.321	0	0	5,983.78	0	0	0	0	0	0	0	0	0	0	-180.897	3,994.67	857.901	0	
2019	3	9	29,897.22	19,044.52	3,184.88	-66.897	0	0	4,128.70	0	0	0	0	0	0	0	0	-898.36	0	0	3,511.56	992.819	0	
2019	3	10	30,441.22	19,044.52	4,153.44	-471.928	0	0	5,384.27	0	0	0	0	0	0	0	-964.744	0	0	0	2,422.91	872.749	0	
2019	3	11	27,581.10	19,044.52	2,197.91	0	0	0	2,849.24	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,159.74	602.181	0
2019	3	12	28,091.91	19,044.52	2,869.79	0	0	0	3,720.23	0	0	0	0	0	0	0	0	0	0	0	0	1,672.07	785.309	0
2019	3	13	28,773.43	19,044.52	3,122.83	-40.949	0	0	4,048.26	0	0	0	0	0	0	0	0	0	0	0	0	2,183.20	415.569	0
2019	3	14	28,771.03	19,044.52	2,964.80	0	0	0	3,843.40	0	0	0	0	0	0	0	0	0	0	0	0	2,375.70	542.604	0
2019	3	15	27,388.99	19,044.52	2,473.25	0	0	0	3,206.18	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,255.48	590.449	0
2019	3	16	24,221.68	19,044.52	1,582.26	0	0	0	2,051.15	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,881.53	560.569	0
2019	3	17	26,961.38	19,044.52	3,165.49	-58.788	0	0	4,103.56	0	0	0	0	0	0	0	-964.744	0	0	0	1,203.71	467.629	0	
2019	3	18	29,274.13	19,044.52	3,476.71	-188.933	0	0	4,507.00	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,408.16	299.165	0
2019	3	19	30,332.20	19,044.52	3,609.54	-244.478	0	0	4,679.19	0	0	0	0	0	0	0	0	0	0	0	0	2,644.92	598.514	0
2019	3	20	29,958.56	19,044.52	3,325.46	-125.685	0	0	4,310.94	0	0	0	0	0	0	0	0	0	0	0	0	2,745.96	657.357	0
2019	3	21	29,009.39	19,044.52	2,940.56	0	0	0	3,811.97	0	0	0	0	0	0	0	0	0	0	0	0	2,529.86	682.471	0
2019	3	22	27,172.87	19,044.52	2,370.48	0	0	0	3,072.96	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,237.04	628.761	0
2019	3	23	25,859.88	19,044.52	2,331.70	0	0	0	3,022.68	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,803.35	555.986	0
2019	3	24	24,678.84	19,044.52	1,906.08	0	0	0	2,470.93	0	0	0	0	0	0	0	-964.744	0	0	0	1,773.85	448.198	0	
2019	3	25	26,398.04	19,044.52	2,497.49	0	0	0	3,237.60	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,450.06	440.866	0
2019	3	26	28,582.52	19,044.52	3,201.37	-73.789	0	0	4,150.06	0	0	0	0	0	0	0	0	0	0	0	0	1,899.97	360.392	0
2019	3	27	29,859.86	19,044.52	3,536.82	-214.071	0	0	4,584.93	0	0	0	0	0	0	0	0	0	0	0	0	2,435.45	472.212	0
2019	3	28	29,372.28	19,044.52	3,070.48	-19.056	0	0	3,980.39	0	0	0	0	0	0	0	0	0	0	0	0	2,690.65	605.297	0
2019	3	29	26,336.52	19,044.52	1,945.83	0	0	0	2,522.46	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,335.88	668.723	0
2019	3	30	24,728.74	19,044.52	1,969.10	0	0	0	2,552.63	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,480.30	580.55	0
2019	3	31	24,607.67	19,044.52	2,030.18	0	0	0	2,631.81	0	0	0	0	0	0	0	-964.744	0	0	0	1,498.00	367.908	0	
2019	4	1	24,492.40	19,044.52	2,139.74	0	0	0	1,663.86	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,544.47	372.307	0
2019	4	2	25,680.14	19,044.52	2,601.23	0	0	0	2,022.72	0	0	0	0	0	0	0	0	0	0	0	0	1,627.81	383.856	0
2019	4	3	25,510.78	19,044.52	2,296.80	0	0	0	1,785.99	0	0	0	0	0	0	0	0	0	0	0	0	1,978.89	404.57	0
2019	4	4	25,473.29	19,044.52	2,356.91	0	0	0	1,832.74	0	0	0	0	0	0	0	0	0	0	0	0	1,747.30	491.827	0
2019	4	5	25,656.27	19,044.52	2,568.27	0	0	0	1,997.09	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,793.03	434.267	0
2019	4	6	24,912.77	19,044.52	2,456.77	0	0	0	1,910.39	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,953.82	445.632	0
2019	4	7	23,415.89	19,044.52	1,677.28	0	0	0	1,304.25	0	0	0	0	0	0	0	-964.744	0	0	0	1,869.00	485.594	0	
2019	4	8	26,518.30	19,044.52	3,487.38	-193.393	0	0	2,711.79	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,275.99	464.513	0
2019	4	9	27,973.00	19,044.52	3,452.47	-178.798	0	0	2,684.65	0	0	0	0	0	0	0	0	0	0	0	0	2,653.03	317.13	0
2019	4	10	27,830.03	19,044.52	3,115.08	-37.706	0	0	2,422.29	0	0	0	0	0	0	0	0	0	0	0	0	2,626.48	659.374	0
2019	4	11	26,155.06	19,044.52	2,299.71	0	0	0	1,788.26	0	0	0	0	0	0	0	0	0	0	0	0	2,369.80	652.775	0
2019	4	12	23,828.61	19,044.52	1,477.55	0	0	0	1,148.95	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,749.51	588.982	0
2019	4	13	22,095.42	19,044.52	1,344.73	0	0	0	1,045.66	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,124.05	434.816	0
2019	4	14	20,195.61	19,044.52	457.615	0	0	0	355.842	0	0	0	0	0	0	0	-964.744	0	0	0	1,023.01	279.368	0	
2019	4	15	22,180.15	19,044.52	1,578.38	0	0	0	1,227.35	0	0	0	0	0	0	0	0	0	0	-272.491	0	348.132	254.254	0
2019	4	16	23,790.72	19,044.52	1,945.83	0	0	0	1,513.08	0	0	0	0	0	0	0	0	0	0	0	0	1,200.76	86.523	0
2019	4	17	25,355.86	19,044.52	2,549.85	0	0	0	1,982.76	0	0	0	0	0	0	0	0	0	0	0	0	1,480.30	298.432	0
2019	4	18	25,740.07	19,044.52	2,468.41	0	0	0	1,919.43	0	0	0	0	0	0	0	0	0	0	0	0	1,939.80	367.908	0
2019	4	19	23,708.76	19,044.52	1,398.05	0	0	0	1,087.13	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,877.85	482.111	0
2019	4	20	20,758.76	19,044.52	608.861	0	0	0	473.45	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,		

2019	5	1	21,986.06	19,044.52	1,440.71	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,199.28	301.549	0
2019	5	2	21,628.22	19,044.52	1,189.61	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,096.03	298.066	0
2019	5	3	21,498.21	19,044.52	1,457.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	904.995	272.402	0
2019	5	4	21,301.38	19,044.52	1,821.73	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	1,108.56	224.924	0
2019	5	5	21,038.41	19,044.52	1,297.22	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	1,385.89	275.518	0
2019	5	6	21,687.54	19,044.52	1,584.20	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	986.865	344.444	0
2019	5	7	21,710.76	19,044.52	1,215.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,205.19	245.272	0
2019	5	8	20,889.46	19,044.52	620.495	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	924.909	299.532	0
2019	5	9	20,968.04	19,044.52	1,221.60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	472.043	229.873	0
2019	5	10	21,689.35	19,044.52	1,779.08	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	929.335	117.32	0
2019	5	11	20,448.02	19,044.52	717.447	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,353.44	230.973	0
2019	5	12	19,989.65	19,044.52	1,027.70	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	545.8	336.378	0
2019	5	13	21,643.09	19,044.52	1,953.59	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	781.821	135.651	0
2019	5	14	22,760.06	19,044.52	2,035.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,486.20	194.311	0
2019	5	15	22,829.35	19,044.52	1,867.30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,548.15	369.374	0
2019	5	16	22,383.63	19,044.52	1,533.79	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,420.56	384.772	0
2019	5	17	21,677.83	19,044.52	1,294.31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,166.83	353.059	0
2019	5	18	20,577.45	19,044.52	1,156.64	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	984.652	290	0
2019	5	19	20,036.27	19,044.52	831.851	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	879.918	244.722	0
2019	5	20	20,820.91	19,044.52	1,197.36	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	632.833	218.691	0
2019	5	21	21,582.49	19,044.52	1,469.80	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	910.896	157.282	0
2019	5	22	21,951.93	19,044.52	1,562.87	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,118.15	226.391	0
2019	5	23	21,100.85	19,044.52	589.47	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,188.96	277.901	0
2019	5	24	20,818.50	19,044.52	1,210.93	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	448.441	295.499	0
2019	5	25	19,178.83	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	921.222	111.454	0
2019	5	26	19,369.39	19,044.52	1,060.66	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	228.957	0
2019	5	27	20,934.32	19,044.52	1,355.39	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	806.899	0	0
2019	5	28	21,018.84	19,044.52	742.655	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,031.12	200.544	0
2019	5	29	21,240.55	19,044.52	1,374.78	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	564.977	256.27	0
2019	5	30	21,405.87	19,044.52	1,175.06	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,045.87	140.417	0
2019	5	31	21,435.90	19,044.52	1,418.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	893.932	259.937	0
2019	6	1	20,309.30	19,044.52	861.906	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,079.06	222.174	0
2019	6	2	19,935.37	19,044.52	931.712	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	655.697	268.186	0
2019	6	3	20,368.03	19,044.52	724.234	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	708.802	162.965	0
2019	6	4	20,167.21	19,044.52	395.565	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	550.963	176.163	0
2019	6	5	20,371.43	19,044.52	889.053	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	300.927	136.934	0
2019	6	6	20,313.39	19,044.52	517.725	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	676.349	74.791	0
2019	6	7	19,425.58	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	393.861	168.097	0
2019	6	8	18,244.05	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	97.889	0
2019	6	9	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0	0
2019	6	10	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2019	6	11	19,161.83	19,044.52	117.312	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	12	19,133.77	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	89.246	0	0
2019	6	13	19,066.70	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22.181	0
2019	6	14	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2019	6	15	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2019	6	16	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0	0
2019	6	17	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2019	6	18	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	19	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	20	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	21	18,871.38	19,044.52	7.756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2019	6	22	18,152.06	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	5.901	0	0
2019	6	23	18,467.00	19,044.52	0	0	0	0	0	0	0	0	0	0	0	385.753	-964.744	0	0	0	0	1.466	0

2019	6	24	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2019	6	25	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	26	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	27	19,052.28	19,044.52	7.756	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	6	28	18,899.58	19,044.52	30.055	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	5.901	0	0
2019	6	29	18,256.78	19,044.52	86.288	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	22.865	1.466	0
2019	6	30	18,151.10	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	65.643	5.683	0
2019	7	1	18,788.34	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	16.315	0
2019	7	2	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	7	3	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	7	4	20,730.93	19,044.52	0	0	0	0	0	0	0	0	0	1,686.41	0	0	0	0	0	0	0	0	0
2019	7	5	22,213.16	19,044.52	0	0	0	0	0	0	0	0	0	3,349.54	0	0	0	0	0	-180.897	0	0	0
2019	7	6	20,105.10	19,044.52	0	0	0	0	0	0	0	0	0	1,958.94	0	0	0	-898.36	0	0	0	0	0
2019	7	7	19,416.79	19,044.52	0	0	0	0	0	0	0	0	0	1,337.02	0	0	-964.744	0	0	0	0	0	0
2019	7	8	19,638.53	19,044.52	0	0	0	0	0	0	0	0	0	866.5	0	0	0	0	-272.491	0	0	0	0
2019	7	9	20,742.58	19,044.52	0	0	0	0	0	0	0	0	0	1,698.06	0	0	0	0	0	0	0	0	0
2019	7	10	19,582.59	19,044.52	0	0	0	0	0	0	0	0	0	538.069	0	0	0	0	0	0	0	0	0
2019	7	11	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	7	12	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2019	7	13	18,295.23	19,044.52	0	0	0	0	0	0	0	0	0	149.075	0	0	0	-898.36	0	0	0	0	0
2019	7	14	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0
2019	7	15	19,962.30	19,044.52	0	0	0	0	0	0	0	0	0	1,190.27	0	0	0	0	-272.491	0	0	0	0
2019	7	16	21,052.38	19,044.52	0	0	0	0	0	0	0	0	0	2,007.86	0	0	0	0	0	0	0	0	0
2019	7	17	19,859.78	19,044.52	0	0	0	0	0	0	0	0	0	815.255	0	0	0	0	0	0	0	0	0
2019	7	18	20,323.31	19,044.52	0	0	0	0	0	0	0	0	0	1,278.79	0	0	0	0	0	0	0	0	0
2019	7	19	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2019	7	20	21,428.15	19,044.52	0	0	0	0	0	0	0	0	0	3,281.99	0	0	0	-898.36	0	0	0	0	0
2019	7	21	20,770.12	19,044.52	0	0	0	0	0	0	0	0	0	2,690.34	0	0	-964.744	0	0	0	0	0	0
2019	7	22	20,488.72	19,044.52	0	0	0	0	0	0	0	0	0	1,716.70	0	0	0	0	-272.491	0	0	0	0
2019	7	23	19,706.04	19,044.52	0	0	0	0	0	0	0	0	0	661.522	0	0	0	0	0	0	0	0	0
2019	7	24	19,317.05	19,044.52	0	0	0	0	0	0	0	0	0	272.528	0	0	0	0	0	0	0	0	0
2019	7	25	20,134.63	19,044.52	0	0	0	0	0	0	0	0	0	1,090.11	0	0	0	0	0	0	0	0	0
2019	7	26	19,639.28	19,044.52	0	0	0	0	0	0	0	0	0	775.657	0	0	0	0	0	-180.897	0	0	0
2019	7	27	18,730.81	19,044.52	0	0	0	0	0	0	0	0	0	584.655	0	0	0	-898.36	0	0	0	0	0
2019	7	28	18,405.88	19,044.52	0	0	0	0	0	0	0	0	0	326.102	0	0	-964.744	0	0	0	0	0	0
2019	7	29	19,985.59	19,044.52	0	0	0	0	0	0	0	0	0	1,213.57	0	0	0	0	-272.491	0	0	0	0
2019	7	30	20,716.96	19,044.52	0	0	0	0	0	0	0	0	0	1,672.44	0	0	0	0	0	0	0	0	0
2019	7	31	21,040.73	19,044.52	0	0	0	0	0	0	0	0	0	1,996.21	0	0	0	0	0	0	0	0	0
2019	8	1	21,414.61	19,044.52	0	0	0	0	0	0	0	0	2,370.09	0	0	0	0	0	0	0	0	0	0
2019	8	2	21,192.33	19,044.52	0	0	0	0	0	0	0	0	2,328.71	0	0	0	0	0	0	-180.897	0	0	0
2019	8	3	20,132.34	19,044.52	0	0	0	0	0	0	0	0	1,986.18	0	0	0	0	-898.36	0	0	0	0	0
2019	8	4	19,546.43	19,044.52	0	0	0	0	0	0	0	0	1,466.65	0	0	0	-964.744	0	0	0	0	0	0
2019	8	5	20,040.98	19,044.52	0	0	0	0	0	0	0	0	1,268.95	0	0	0	0	0	-272.491	0	0	0	0
2019	8	6	19,770.95	19,044.52	0	0	0	0	0	0	0	0	726.428	0	0	0	0	0	0	0	0	0	0
2019	8	7	19,476.70	19,044.52	0	0	0	0	0	0	0	0	432.179	0	0	0	0	0	0	0	0	0	0
2019	8	8	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	8	9	19,254.42	19,044.52	0	0	0	0	0	0	0	0	390.8	0	0	0	0	0	0	-180.897	0	0	0
2019	8	10	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0
2019	8	11	18,367.13	19,044.52	0	0	0	0	0	0	0	0	287.353	0	0	0	-964.744	0	0	0	0	0	0
2019	8	12	20,254.77	19,044.52	0	0	0	0	0	0	0	0	1,482.74	0	0	0	0	0	-272.491	0	0	0	0
2019	8	13	19,207.74	19,044.52	0	0	0	0	0	0	0	0	163.216	0	0	0	0	0	0	0	0	0	0
2019	8	14	19,456.01	19,044.52	0	0	0	0	0	0	0	0	411.489	0	0	0	0	0	0	0	0	0	0
2019	8	15	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2019	8	16	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0

2022 LFR CA IR-14 Attachment 1 Page 39 of 57

2019	8	17	18,396.73	19,044.52	0	0	0	0	0	0	0	0	250.572	0	0	0	0	-898.36	0	0	0	0	0
2019	8	18	18,790.11	19,044.52	0	0	0	0	0	0	0	0	710.337	0	0	0	-964.744	0	0	0	0	0	
2019	8	19	19,772.32	19,044.52	0	0	0	0	0	0	0	0	1,000.29	0	0	0	0	0	-272.491	0	0	0	
2019	8	20	22,014.60	19,044.52	0	0	0	0	0	0	0	0	2,970.08	0	0	0	0	0	0	0	0	0	
2019	8	21	20,095.08	19,044.52	0	0	0	0	0	0	0	0	1,050.56	0	0	0	0	0	0	0	0	0	
2019	8	22	21,423.80	19,044.52	0	0	0	0	0	0	0	0	2,379.28	0	0	0	0	0	0	0	0	0	
2019	8	23	21,015.32	19,044.52	0	0	0	0	0	0	0	0	2,151.70	0	0	0	0	0	0	-180.897	0	0	
2019	8	24	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	
2019	8	25	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	
2019	8	26	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	
2019	8	27	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	8	28	20,610.02	19,044.52	0	0	0	0	0	0	0	0	1,565.50	0	0	0	0	0	0	0	0	0	
2019	8	29	19,575.55	19,044.52	0	0	0	0	0	0	0	0	531.028	0	0	0	0	0	0	0	0	0	
2019	8	30	20,996.93	19,044.52	0	0	0	0	0	0	0	0	2,133.31	0	0	0	0	0	0	-180.897	0	0	
2019	8	31	19,488.67	19,044.52	0	0	0	0	0	0	0	0	1,342.51	0	0	0	0	-898.36	0	0	0	0	
2019	9	1	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	
2019	9	2	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	
2019	9	3	19,664.56	19,044.52	0	0	0	0	0	0	0	0	0	0	620.038	0	0	0	0	0	0	0	
2019	9	4	19,524.46	19,044.52	0	0	0	0	0	0	0	0	0	0	479.94	0	0	0	0	0	0	0	
2019	9	5	19,607.69	19,044.52	0	0	0	0	0	0	0	0	0	0	563.166	0	0	0	0	0	0	0	
2019	9	6	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	
2019	9	7	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	
2019	9	8	18,087.53	19,044.52	7.756	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	
2019	9	9	18,777.93	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	5.901	0	
2019	9	10	19,045.99	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1.466	0	
2019	9	11	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	12	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	13	18,979.00	19,044.52	115.373	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	
2019	9	14	18,342.52	19,044.52	108.587	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	87.771	0	
2019	9	15	18,184.20	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	82.608	21.814	
2019	9	16	18,792.56	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	20.531	
2019	9	17	19,282.05	19,044.52	237.533	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	18	19,748.77	19,044.52	523.543	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	180.704	0	
2019	9	19	20,117.91	19,044.52	630.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	398.286	44.911	
2019	9	20	19,442.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	479.419	98.989	
2019	9	21	18,265.31	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	119.153	
2019	9	22	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	
2019	9	23	18,981.48	19,044.52	0	0	0	0	0	0	0	0	0	0	209.453	0	0	0	-272.491	0	0	0	
2019	9	24	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	25	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	26	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2019	9	27	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	
2019	9	28	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	
2019	9	29	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	
2019	9	30	19,591.28	19,044.52	819.247	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	
2019	10	1	20,526.76	19,044.52	490.579	0	0	0	0	368.417	0	0	0	0	0	0	0	0	0	0	623.244	0	
2019	10	2	20,005.52	19,044.52	247.228	0	0	0	0	185.665	0	0	0	0	0	0	0	0	0	0	373.209	154.899	
2019	10	3	21,666.37	19,044.52	1,336.97	0	0	0	0	1,004.05	0	0	0	0	0	0	0	0	0	0	188.08	92.756	
2019	10	4	22,203.98	19,044.52	1,300.13	0	0	0	0	976.377	0	0	0	0	0	0	0	0	0	-180.897	1,017.11	46.745	
2019	10	5	21,591.53	19,044.52	1,258.44	0	0	0	0	945.069	0	0	0	0	0	0	0	-898.36	0	0	989.078	252.787	
2019	10	6	20,483.18	19,044.52	685.453	0	0	0	0	514.764	0	0	0	0	0	0	-964.744	0	0	0	957.362	245.822	
2019	10	7	19,531.43	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	521.46	237.939	
2019	10	8	19,174.12	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	129.602	
2019	10	9	19,667.55	19,044.52	355.815	0	0	0	0	267.211	0	0	0	0	0	0	0	0	0	0	0	0	

2019	10	10	20,349.06	19,044.52	590.44	0	0	0	0	0	443.411	0	0	0	0	0	0	0	0	270.687	0	0	
2019	10	11	20,174.56	19,044.52	453.737	0	0	0	0	0	340.749	0	0	0	0	0	0	0	-180.897	449.178	67.276	0	
2019	10	12	18,779.53	19,044.52	100.83	0	0	0	0	0	75.722	0	0	0	0	0	0	-898.36	0	345.181	111.637	0	
2019	10	13	18,838.14	19,044.52	340.303	0	0	0	0	0	255.562	0	0	0	0	0	-964.744	0	0	76.707	85.79	0	
2019	10	14	19,937.83	19,044.52	507.061	0	0	0	0	0	380.794	0	0	0	0	0	0	0	-272.491	0	258.886	19.064	0
2019	10	15	19,494.61	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	385.748	64.343	0	
2019	10	16	20,595.25	19,044.52	830.881	0	0	0	0	0	623.979	0	0	0	0	0	0	0	0	0	95.872	0	
2019	10	17	19,849.77	19,044.52	98.891	0	0	0	0	0	74.266	0	0	0	0	0	0	0	0	632.095	0	0	
2019	10	18	19,798.77	19,044.52	401.383	0	0	0	0	0	301.432	0	0	0	0	0	0	0	-180.897	75.232	157.099	0	
2019	10	19	20,049.00	19,044.52	901.657	0	0	0	0	0	677.13	0	0	0	0	0	0	-898.36	0	305.353	18.698	0	
2019	10	20	20,386.44	19,044.52	882.266	0	0	0	0	0	662.568	0	0	0	0	0	-964.744	0	0	685.938	75.891	0	
2019	10	21	21,309.62	19,044.52	968.554	0	0	0	0	0	727.368	0	0	0	0	0	0	0	-272.491	0	671.186	170.48	0
2019	10	22	21,377.56	19,044.52	816.339	0	0	0	0	0	613.057	0	0	0	0	0	0	0	0	736.83	166.814	0	
2019	10	23	20,390.22	19,044.52	309.278	0	0	0	0	0	232.263	0	0	0	0	0	0	0	0	621.032	183.129	0	
2019	10	24	20,035.11	19,044.52	343.211	0	0	0	0	0	257.746	0	0	0	0	0	0	0	0	235.284	154.349	0	
2019	10	25	20,069.36	19,044.52	506.091	0	0	0	0	0	380.066	0	0	0	0	0	0	0	-180.897	261.099	58.477	0	
2019	10	26	20,799.57	19,044.52	1,258.44	0	0	0	0	0	945.069	0	0	0	0	0	0	-898.36	0	385.01	64.893	0	
2019	10	27	21,957.67	19,044.52	1,613.29	0	0	0	0	0	1,211.55	0	0	0	0	0	-964.744	0	0	957.362	95.689	0	
2019	10	28	22,863.50	19,044.52	1,499.85	0	0	0	0	0	1,126.37	0	0	0	0	0	0	0	-272.491	0	1,227.31	237.939	0
2019	10	29	23,303.52	19,044.52	1,606.50	0	0	0	0	0	1,206.46	0	0	0	0	0	0	0	0	1,141.02	305.031	0	
2019	10	30	22,264.85	19,044.52	979.218	0	0	0	0	0	735.377	0	0	0	0	0	0	0	0	1,222.15	283.584	0	
2019	10	31	20,093.21	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	744.943	303.748	0	
2019	11	1	19,048.77	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	185.145	0	0
2019	11	2	22,062.45	19,044.52	1,565.78	0	0	0	0	0	2,350.51	0	0	0	0	0	0	-898.36	0	0	0	0	0
2019	11	3	22,559.17	19,044.52	1,314.67	0	0	0	0	0	1,973.55	0	0	0	0	0	-964.744	0	0	1,191.17	0	0	0
2019	11	4	24,260.95	19,044.52	1,676.31	0	0	0	0	0	2,516.43	0	0	0	0	0	0	0	-272.491	0	1,000.14	296.049	0
2019	11	5	23,172.74	19,044.52	1,041.27	0	0	0	0	0	1,563.12	0	0	0	0	0	0	0	0	1,275.25	248.571	0	0
2019	11	6	21,671.63	19,044.52	606.922	0	0	0	0	0	911.094	0	0	0	0	0	0	0	0	792.147	316.947	0	0
2019	11	7	23,505.43	19,044.52	1,520.21	0	0	0	0	0	2,282.10	0	0	0	0	0	0	0	0	461.717	196.877	0	0
2019	11	8	24,967.80	19,044.52	1,932.26	0	0	0	0	0	2,900.66	0	0	0	0	0	0	0	-180.897	1,156.51	114.753	0	0
2019	11	9	27,861.18	19,044.52	3,213.00	-78.655	0	0	0	0	4,823.27	0	0	0	0	0	0	-898.36	0	1,469.97	287.434	0	0
2019	11	10	25,574.41	19,044.52	1,873.12	0	0	0	0	0	2,811.88	0	0	0	0	0	-964.744	0	0	2,444.30	365.341	0	0
2019	11	11	23,804.16	19,044.52	1,199.30	0	0	0	0	0	1,800.36	0	0	0	0	0	0	0	-272.491	0	1,424.98	607.497	0
2019	11	12	21,104.01	19,044.52	317.034	0	0	0	0	0	475.923	0	0	0	0	0	0	0	0	912.371	354.159	0	0
2019	11	13	27,342.85	19,044.52	3,151.92	-53.112	0	0	0	0	4,731.58	0	0	0	0	0	0	0	0	241.185	226.757	0	0
2019	11	14	30,094.03	19,044.52	3,517.43	-205.962	0	0	0	0	5,280.27	0	0	0	0	0	0	0	0	2,397.83	59.943	0	0
2019	11	15	25,510.99	19,044.52	1,349.58	0	0	0	0	0	2,025.95	0	0	0	0	0	0	0	-180.897	2,675.89	595.948	0	0
2019	11	16	27,910.64	19,044.52	3,268.26	-101.765	0	0	0	0	4,906.23	0	0	0	0	0	0	-898.36	0	1,026.69	665.057	0	0
2019	11	17	29,384.75	19,044.52	3,503.86	-200.286	0	0	0	0	5,259.90	0	0	0	0	0	-964.744	0	0	2,486.34	255.171	0	0
2019	11	18	27,635.34	19,044.52	2,230.87	0	0	0	0	0	3,348.93	0	0	0	0	0	0	0	-272.491	0	2,665.57	617.945	0
2019	11	19	25,667.21	19,044.52	1,704.42	0	0	0	0	0	2,558.63	0	0	0	0	0	0	0	0	1,697.14	662.49	0	0
2019	11	20	26,442.19	19,044.52	2,270.62	0	0	0	0	0	3,408.60	0	0	0	0	0	0	0	0	1,296.64	421.801	0	0
2019	11	21	26,307.80	19,044.52	2,084.48	0	0	0	0	0	3,129.16	0	0	0	0	0	0	0	0	1,727.38	322.263	0	0
2019	11	22	25,852.27	19,044.52	1,988.49	0	0	0	0	0	2,985.07	0	0	0	0	0	0	0	-180.897	1,585.77	429.317	0	0
2019	11	23	26,365.16	19,044.52	2,523.67	0	0	0	0	0	3,788.46	0	0	0	0	0	0	-898.36	0	1,512.75	394.121	0	0
2019	11	24	25,853.59	19,044.52	2,190.15	0	0	0	0	0	3,287.80	0	0	0	0	0	-964.744	0	0	1,919.89	375.973	0	0
2019	11	25	24,538.22	19,044.52	1,448.47	0	0	0	0	0	2,174.40	0	0	0	0	0	0	0	-272.491	0	1,666.17	477.162	0
2019	11	26	24,578.68	19,044.52	1,606.50	0	0	0	0														

2019	12	3	27,767.68	19,044.52	1,943.89	0	0	0	0	0	0	0	3,436.36	0	0	0	0	0	0	2,602.88	740.031	0	
2019	12	4	28,034.43	19,044.52	2,480.04	0	0	0	0	0	0	0	4,384.14	0	0	0	0	0	0	1,478.82	646.909	0	
2019	12	5	28,916.98	19,044.52	2,752.48	0	0	0	0	0	0	0	4,865.75	0	0	0	0	0	0	1,886.70	367.541	0	
2019	12	6	29,307.68	19,044.52	2,847.49	0	0	0	0	0	0	0	5,033.71	0	0	0	0	0	-180.897	2,093.95	468.913	0	
2019	12	7	31,107.19	19,044.52	3,834.46	-338.54	0	0	0	0	0	0	6,778.45	0	0	0	0	-898.36	0	2,166.24	520.423	0	
2019	12	8	32,224.21	19,044.52	4,010.92	-412.329	0	0	0	0	0	0	7,090.38	0	0	0	0	-964.744	0	2,917.08	538.388	0	
2019	12	9	26,884.75	19,044.52	1,566.75	0	0	0	0	0	0	0	2,769.65	0	0	0	0	0	-272.491	0	3,051.32	725	0
2019	12	10	22,175.49	19,044.52	426.59	0	0	0	0	0	0	0	754.113	0	0	0	0	0	0	1,191.91	758.362	0	
2019	12	11	27,033.94	19,044.52	2,662.31	0	0	0	0	0	0	0	4,706.35	0	0	0	0	0	0	324.53	296.232	0	
2019	12	12	32,028.58	19,044.52	4,091.39	-445.98	0	0	0	0	0	0	7,232.63	0	0	0	0	0	0	2,025.36	80.657	0	
2019	12	13	32,485.11	19,044.52	3,720.06	-290.698	0	0	0	0	0	0	6,576.21	0	0	0	0	0	-180.897	3,112.53	503.375	0	
2019	12	14	25,901.03	19,044.52	1,499.85	0	0	0	0	0	0	0	2,651.39	0	0	0	0	-898.36	0	2,830.05	773.577	0	
2019	12	15	22,599.53	19,044.52	966.615	0	0	0	0	0	0	0	1,708.75	0	0	0	0	-964.744	0	1,141.02	703.369	0	
2019	12	16	28,782.84	19,044.52	3,288.62	-110.279	0	0	0	0	0	0	5,813.53	0	0	0	0	0	-272.491	0	735.355	283.584	0
2019	12	17	31,370.21	19,044.52	3,564.94	-225.828	0	0	0	0	0	0	6,301.99	0	0	0	0	0	0	2,501.83	182.762	0	
2019	12	18	32,545.66	19,044.52	3,788.90	-319.484	0	0	0	0	0	0	6,697.90	0	0	0	0	0	0	2,712.04	621.795	0	
2019	12	19	34,659.00	19,044.52	4,593.60	-655.996	0	0	0	0	0	0	8,120.43	0	0	0	0	0	0	2,882.41	674.039	0	
2019	12	20	33,360.37	19,044.52	3,839.31	-340.567	0	0	0	0	0	0	6,787.02	0	0	0	0	0	-180.897	3,494.59	716.384	0	
2019	12	21	31,310.03	19,044.52	3,451.50	-178.392	0	0	0	0	0	0	6,101.46	0	0	0	0	-898.36	0	2,920.77	868.533	0	
2019	12	22	30,448.36	19,044.52	3,299.29	-114.739	0	0	0	0	0	0	5,832.38	0	0	0	0	-964.744	0	2,625.74	725.916	0	
2019	12	23	29,305.91	19,044.52	2,663.28	0	0	0	0	0	0	0	4,708.07	0	0	0	0	0	-272.491	0	2,509.94	652.591	0
2019	12	24	29,036.26	19,044.52	2,652.62	0	0	0	0	0	0	0	4,689.21	0	0	0	0	0	0	2,026.10	623.811	0	
2019	12	25	31,660.48	19,044.52	3,757.87	-306.51	0	0	0	0	0	0	6,643.05	0	0	0	0	0	0	2,017.98	503.559	0	
2019	12	26	34,440.13	19,044.52	4,583.91	-651.942	0	0	0	0	0	0	8,103.29	0	0	0	0	0	0	2,858.81	501.542	0	
2019	12	27	32,996.31	19,044.52	3,690.01	-278.129	0	0	0	0	0	0	6,523.08	0	0	0	0	0	-180.897	3,487.22	710.518	0	
2019	12	28	27,774.54	19,044.52	2,151.37	0	0	0	0	0	0	0	3,803.13	0	0	0	0	-898.36	0	2,807.18	866.7	0	
2019	12	29	28,852.45	19,044.52	3,053.03	-11.758	0	0	0	0	0	0	5,397.05	0	0	0	0	-964.744	0	1,636.66	697.686	0	
2019	12	30	31,126.55	19,044.52	3,558.15	-222.99	0	0	0	0	0	0	6,289.99	0	0	0	0	0	-272.491	0	2,322.60	406.77	0
2019	12	31	30,177.64	19,044.52	2,835.86	0	0	0	0	0	0	0	5,013.14	0	0	0	0	0	0	2,706.87	577.25	0	
2020	1	1	28,455.20	19,044.52	2,330.73	0	4,249.81	0	0	0	0	0	0	0	0	0	0	0	0	2,157.38	672.756	0	
2020	1	2	28,799.36	19,044.52	2,637.10	0	4,808.43	0	0	0	0	0	0	0	0	0	0	0	0	1,773.11	536.188	0	
2020	1	3	28,413.86	19,044.52	2,515.91	0	4,587.46	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,006.18	440.682	0	
2020	1	4	26,868.30	19,044.52	2,234.75	0	4,074.79	0	0	0	0	0	0	0	0	0	0	-898.36	0	1,913.99	498.609	0	
2020	1	5	28,991.91	19,044.52	3,106.35	-34.057	5,664.05	0	0	0	0	0	0	0	0	0	0	-964.744	0	1,700.09	475.695	0	
2020	1	6	32,828.84	19,044.52	4,160.22	-474.766	7,585.66	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,363.17	422.535	0
2020	1	7	32,179.03	19,044.52	3,374.91	-146.363	6,153.73	0	0	0	0	0	0	0	0	0	0	0	0	3,164.90	587.332	0	
2020	1	8	31,906.79	19,044.52	3,427.26	-168.256	6,249.20	0	0	0	0	0	0	0	0	0	0	0	0	2,567.47	786.593	0	
2020	1	9	33,798.90	19,044.52	4,259.12	-516.121	7,765.97	0	0	0	0	0	0	0	0	0	0	0	0	2,607.30	638.11	0	
2020	1	10	33,388.60	19,044.52	3,896.51	-364.487	7,104.81	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,240.13	648.009	0	
2020	1	11	26,300.93	19,044.52	1,553.18	0	2,832.03	0	0	0	0	0	0	0	0	0	0	-898.36	0	2,964.28	805.29	0	
2020	1	12	26,874.26	19,044.52	2,435.44	0	4,440.73	0	0	0	0	0	0	0	0	0	0	-964.744	0	1,181.58	736.732	0	
2020	1	13	31,648.58	19,044.52	3,935.30	-380.705	7,175.53	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,852.77	293.666	0
2020	1	14	32,221.52	19,044.52	3,516.46	-205.556	6,411.83	0	0	0	0	0	0	0	0	0	0	0	0	2,993.79	460.48	0	
2020	1	15	32,069.88	19,044.52	3,467.98	-185.285	6,323.44	0	0	0	0	0	0	0	0	0	0	0	0	2,675.16	744.064	0	
2020	1	16	33,413.58	19,044.52	4,074.91	-439.088	7,430.09	0	0	0	0	0	0	0	0	0	0	0	0	2,638.28	664.873	0	
2020	1	17	36,579.11	19																			

2020	1	26	28,079.06	19,044.52	2,357.88	0	4,299.31	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,745.96	596.131	0
2020	1	27	27,733.00	19,044.52	2,296.80	0	4,187.93	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,793.76	682.471	0
2020	1	28	30,675.88	19,044.52	3,398.18	-156.093	6,196.16	0	0	0	0	0	0	0	0	0	0	0	0	0	1,747.30	445.815	0
2020	1	29	33,260.45	19,044.52	4,129.20	-461.792	7,529.09	0	0	0	0	0	0	0	0	0	0	0	0	0	2,585.17	434.267	0
2020	1	30	35,769.08	19,044.52	4,854.40	-765.059	8,851.41	0	0	0	0	0	0	0	0	0	0	0	0	0	3,141.30	642.509	0
2020	1	31	32,507.43	19,044.52	3,286.68	-109.468	5,992.86	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,693.00	780.727	0
2020	2	1	31,031.88	19,044.52	3,538.76	-214.881	0	6,143.65	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,500.35	917.844	0
2020	2	2	30,440.61	19,044.52	3,357.46	-139.065	0	5,828.89	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,692.12	621.428	0
2020	2	3	30,501.00	19,044.52	3,123.80	-41.355	0	5,423.24	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,554.20	669.089	0
2020	2	4	29,310.95	19,044.52	2,651.65	0	0	4,603.53	0	0	0	0	0	0	0	0	0	0	0	0	2,376.44	634.81	0
2020	2	5	30,279.44	19,044.52	3,176.16	-63.248	0	5,514.14	0	0	0	0	0	0	0	0	0	0	0	0	2,017.25	590.632	0
2020	2	6	33,209.52	19,044.52	4,306.62	-535.987	0	7,476.74	0	0	0	0	0	0	0	0	0	0	0	0	2,416.27	501.359	0
2020	2	7	29,817.87	19,044.52	2,586.69	0	0	4,490.75	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,276.27	600.531	0
2020	2	8	30,705.91	19,044.52	3,672.55	-270.832	0	6,375.93	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,967.83	814.273	0
2020	2	9	33,515.78	19,044.52	4,697.34	-699.378	0	8,155.06	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,793.91	489.077	0
2020	2	10	31,520.90	19,044.52	3,113.14	-36.895	0	5,404.73	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,573.51	694.387	0
2020	2	11	30,118.55	19,044.52	2,857.19	0	0	4,960.37	0	0	0	0	0	0	0	0	0	0	0	0	2,368.33	888.148	0
2020	2	12	29,950.58	19,044.52	2,976.44	0	0	5,167.40	0	0	0	0	0	0	0	0	0	0	0	0	2,173.61	588.615	0
2020	2	13	29,801.91	19,044.52	2,906.63	0	0	5,046.21	0	0	0	0	0	0	0	0	0	0	0	0	2,264.33	540.221	0
2020	2	14	35,525.54	19,044.52	5,445.81	-1,012.38	0	9,454.49	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,211.23	562.768	0
2020	2	15	37,052.42	19,044.52	5,586.39	-1,071.16	0	9,698.55	0	0	0	0	0	0	0	0	0	-898.36	0	0	4,142.92	549.57	0
2020	2	16	31,569.45	19,044.52	3,000.67	0	0	5,209.48	0	0	0	0	0	0	0	0	-964.744	0	0	0	4,249.86	1,029.67	0
2020	2	17	29,411.31	19,044.52	2,668.13	0	0	4,632.14	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,282.77	1,056.25	0
2020	2	18	32,996.90	19,044.52	4,353.16	-555.448	0	7,557.53	0	0	0	0	0	0	0	0	0	0	0	0	2,029.79	567.351	0
2020	2	19	29,322.68	19,044.52	2,361.76	0	0	4,100.25	0	0	0	0	0	0	0	0	0	0	0	0	3,311.68	504.475	0
2020	2	20	34,244.31	19,044.52	4,881.55	-776.411	0	8,474.87	0	0	0	0	0	0	0	0	0	0	0	0	1,796.71	823.072	0
2020	2	21	36,536.45	19,044.52	5,283.90	-944.667	0	9,173.39	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,713.65	446.548	0
2020	2	22	32,136.16	19,044.52	3,357.46	-139.065	0	5,828.89	0	0	0	0	0	0	0	0	0	-898.36	0	0	4,019.74	922.977	0
2020	2	23	29,076.54	19,044.52	2,720.48	0	0	4,723.04	0	0	0	0	0	0	0	0	-964.744	0	0	0	2,554.20	999.051	0
2020	2	24	29,089.74	19,044.52	2,782.53	0	0	4,830.76	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,069.61	634.81	0
2020	2	25	28,445.44	19,044.52	2,474.22	0	0	4,295.50	0	0	0	0	0	0	0	0	0	0	0	0	2,116.82	514.374	0
2020	2	26	27,639.03	19,044.52	2,260.93	0	0	3,925.20	0	0	0	0	0	0	0	0	0	0	0	0	1,882.27	526.106	0
2020	2	27	29,161.30	19,044.52	2,897.91	0	0	5,031.06	0	0	0	0	0	0	0	0	0	0	0	0	1,720.01	467.813	0
2020	2	28	29,310.59	19,044.52	2,856.22	0	0	4,958.68	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,204.59	427.484	0
2020	2	29	29,359.16	19,044.52	3,117.99	-38.922	0	5,413.14	0	0	0	0	0	0	0	0	0	-898.36	0	0	2,172.87	547.92	0
2020	3	1	28,549.89	19,044.52	3,350.67	-136.227	0	0	4,343.62	0	0	0	0	0	0	0	-964.744	0	0	0	2,372.02	540.038	0
2020	3	2	29,113.57	19,044.52	3,161.62	-57.167	0	0	4,098.53	0	0	0	0	0	0	0	0	0	-272.491	0	2,549.03	589.532	0
2020	3	3	26,754.15	19,044.52	2,034.06	0	0	0	2,636.84	0	0	0	0	0	0	0	0	0	0	0	2,405.21	633.527	0
2020	3	4	25,646.88	19,044.52	1,940.99	0	0	0	2,516.18	0	0	0	0	0	0	0	0	0	0	0	1,547.42	597.781	0
2020	3	5	26,538.40	19,044.52	2,452.89	0	0	0	3,179.79	0	0	0	0	0	0	0	0	0	0	0	1,476.61	384.589	0
2020	3	6	28,075.67	19,044.52	3,042.36	-7.298	0	0	3,943.94	0	0	0	0	0	0	0	0	0	0	-180.897	1,866.05	366.991	0
2020	3	7	29,873.67	19,044.52	4,091.39	-445.98	0	0	5,303.84	0	0	0	0	0	0	0	0	-898.36	0	0	2,314.49	463.78	0
2020	3	8	29,575.07	19,044.52	3,483.50	-191.771	0	0	4,515.80	0	0	0	0	0	0	0	-964.744	0	0	0	3,112.53	575.234	0
2020	3	9	28,914.83	19,044.52	2,926.02	0	0	0	3,793.12	0	0	0	0	0	0	0	0	0	-272.491	0	2,650.08	773.577	0
2020	3	10	28,69																				

2020	3	20	25,517.44	19,044.52	1,793.62	0	0	0	2,325.14	0	0	0	0	0	0	0	0	0	0	-180.897	2,071.83	463.23	0
2020	3	21	24,453.81	19,044.52	1,928.38	0	0	0	2,499.84	0	0	0	0	0	0	0	0	-898.36	0	0	1,364.50	514.924	0
2020	3	22	28,853.38	19,044.52	4,101.08	-450.035	0	0	5,316.40	0	0	0	0	0	0	0	-964.744	0	0	0	1,467.02	339.128	0
2020	3	23	30,717.78	19,044.52	3,831.56	-337.323	0	0	4,967.00	0	0	0	0	0	0	0	0	0	-272.491	0	3,119.91	364.608	0
2020	3	24	28,890.67	19,044.52	2,680.73	0	0	0	3,475.14	0	0	0	0	0	0	0	0	0	0	0	2,914.87	775.411	0
2020	3	25	28,055.50	19,044.52	2,720.48	0	0	0	3,526.67	0	0	0	0	0	0	0	0	0	0	0	2,039.37	724.45	0
2020	3	26	28,349.04	19,044.52	2,929.90	0	0	0	3,798.15	0	0	0	0	0	0	0	0	0	0	0	2,069.61	506.858	0
2020	3	27	28,132.38	19,044.52	2,841.67	0	0	0	3,683.78	0	0	0	0	0	0	0	0	0	0	-180.897	2,228.93	514.374	0
2020	3	28	25,437.10	19,044.52	1,992.37	0	0	0	2,582.79	0	0	0	0	0	0	0	0	-898.36	0	0	2,161.81	553.969	0
2020	3	29	25,712.01	19,044.52	2,429.63	0	0	0	3,149.62	0	0	0	0	0	0	0	-964.744	0	0	0	1,515.70	537.288	0
2020	3	30	27,266.50	19,044.52	2,730.18	0	0	0	3,539.24	0	0	0	0	0	0	0	0	0	-272.491	0	1,848.34	376.707	0
2020	3	31	28,237.69	19,044.52	2,898.87	0	0	0	3,757.93	0	0	0	0	0	0	0	0	0	0	0	2,076.99	459.38	0
2020	4	1	25,431.78	19,044.52	2,062.18	0	0	0	0	1,603.55	0	0	0	0	0	0	0	0	0	0	2,205.33	516.207	0
2020	4	2	23,725.89	19,044.52	1,442.65	0	0	0	0	1,121.81	0	0	0	0	0	0	0	0	0	0	1,568.81	548.103	0
2020	4	3	22,858.61	19,044.52	1,410.66	0	0	0	0	1,096.93	0	0	0	0	0	0	0	0	0	-180.897	1,097.50	389.905	0
2020	4	4	23,792.03	19,044.52	2,418.96	0	0	0	0	1,880.99	0	0	0	0	0	0	0	-898.36	0	0	1,073.16	272.769	0
2020	4	5	25,294.96	19,044.52	2,873.67	0	0	0	0	2,234.57	0	0	0	0	0	0	-964.744	0	0	0	1,840.23	266.719	0
2020	4	6	24,450.49	19,044.52	1,707.33	0	0	0	0	1,327.62	0	0	0	0	0	0	0	0	-272.491	0	2,186.15	457.364	0
2020	4	7	25,295.23	19,044.52	2,480.04	0	0	0	0	1,928.48	0	0	0	0	0	0	0	0	0	0	1,298.86	543.337	0
2020	4	8	25,152.42	19,044.52	2,193.06	0	0	0	0	1,705.33	0	0	0	0	0	0	0	0	0	0	1,886.70	322.813	0
2020	4	9	26,091.85	19,044.52	2,762.17	0	0	0	0	2,147.87	0	0	0	0	0	0	0	0	0	0	1,668.38	468.913	0
2020	4	10	25,572.70	19,044.52	2,358.85	0	0	0	0	1,834.24	0	0	0	0	0	0	0	0	0	-180.897	2,101.33	414.652	0
2020	4	11	24,259.62	19,044.52	2,135.86	0	0	0	0	1,660.85	0	0	0	0	0	0	0	-898.36	0	0	1,794.50	522.256	0
2020	4	12	23,147.67	19,044.52	1,686.00	0	0	0	0	1,311.04	0	0	0	0	0	0	-964.744	0	0	0	1,624.86	445.999	0
2020	4	13	23,779.53	19,044.52	1,868.27	0	0	0	0	1,452.77	0	0	0	0	0	0	0	0	-272.491	0	1,282.63	403.837	0
2020	4	14	21,887.58	19,044.52	620.495	0	0	0	0	482.497	0	0	0	0	0	0	0	0	0	0	1,421.29	318.78	0
2020	4	15	23,551.04	19,044.52	2,070.90	0	0	0	0	1,610.33	0	0	0	0	0	0	0	0	0	0	472.043	353.243	0
2020	4	16	24,751.14	19,044.52	2,258.02	0	0	0	0	1,755.84	0	0	0	0	0	0	0	0	0	0	1,575.44	117.32	0
2020	4	17	25,266.02	19,044.52	2,415.08	0	0	0	0	1,877.97	0	0	0	0	0	0	0	0	0	-180.897	1,717.79	391.555	0
2020	4	18	25,211.84	19,044.52	2,701.09	0	0	0	0	2,100.37	0	0	0	0	0	0	0	-898.36	0	0	1,837.28	426.934	0
2020	4	19	24,057.08	19,044.52	1,949.71	0	0	0	0	1,516.10	0	0	0	0	0	0	-964.744	0	0	0	2,054.86	456.631	0
2020	4	20	23,211.52	19,044.52	1,375.75	0	0	0	0	1,069.79	0	0	0	0	0	0	0	0	-272.491	0	1,483.25	510.708	0
2020	4	21	24,361.60	19,044.52	2,195.00	0	0	0	0	1,706.83	0	0	0	0	0	0	0	0	0	0	1,046.61	368.641	0
2020	4	22	24,691.92	19,044.52	2,091.26	0	0	0	0	1,626.17	0	0	0	0	0	0	0	0	0	0	1,669.85	260.12	0
2020	4	23	25,250.46	19,044.52	2,362.73	0	0	0	0	1,837.26	0	0	0	0	0	0	0	0	0	0	1,590.93	415.019	0
2020	4	24	25,091.02	19,044.52	2,269.65	0	0	0	0	1,764.88	0	0	0	0	0	0	0	0	0	-180.897	1,797.45	395.404	0
2020	4	25	22,849.52	19,044.52	1,423.26	0	0	0	0	1,106.73	0	0	0	0	0	0	0	-898.36	0	0	1,726.65	446.732	0
2020	4	26	22,504.25	19,044.52	1,638.49	0	0	0	0	1,274.09	0	0	0	0	0	0	-964.744	0	0	0	1,082.75	429.134	0
2020	4	27	24,149.81	19,044.52	2,172.70	0	0	0	0	1,689.49	0	0	0	0	0	0	0	0	-272.491	0	1,246.49	269.102	0
2020	4	28	25,863.82	19,044.52	2,732.12	0	0	0	0	2,124.50	0	0	0	0	0	0	0	0	0	0	1,652.89	309.798	0
2020	4	29	25,592.45	19,044.52	2,283.23	0	0	0	0	1,775.44	0	0	0	0	0	0	0	0	0	0	2,078.47	410.803	0
2020	4	30	25,353.28	19,044.52	2,281.29	0	0	0	0	1,773.93	0	0	0	0	0	0	0	0	0	0	1,736.97	516.574	0
2020	5	1	22,646.04	19,044.52	1,615.23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,735.50	431.7	0
2020	5	2	20,754.47	19,044.52	948.194	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,228.79	431.334	0
2020	5	3	19,949.03	19,044.52	842.516	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	721.341	305.398	0
2020	5	4	21,245.29	19,044.52	1,653.04	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	640.946	179.279	0
2020	5	5	22,274.38	19,044.52	1,813.01	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,257.55	159.298	0
2020	5	6	21,958.89	19,044.52	1,222.57	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,379.25	312.547	0
2020	5	7	22,403.80	19,044.52	2,086.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	930.072	342.794	0
2020	5	8	22,077.17	19,044.52	1,395.14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,587.25	231.157	0
2020	5	9	21,572.08	19,044.52	1,970.07	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,061.36	394.488	0
2020	5	10	22,012.09	19,044.52	2,169.79	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	1,498.74	263.786	0
2020	5	11	21,854.88	19,044.52	1,059.69	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,650.68	372.49	0
2020	5	12	21,553.31	19,044.52	1,292.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	806.161	410.253	0

2020	5	13	22,035.25	19,044.52	1,807.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	983.177	200.36	0		
2020	5	14	21,802.89	19,044.52	1,139.19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,374.83	244.355	0		
2020	5	15	21,078.32	19,044.52	1,006.37	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	866.642	341.694	0		
2020	5	16	20,577.55	19,044.52	1,450.41	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	765.595	215.392	0		
2020	5	17	19,887.30	19,044.52	513.847	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	1,103.40	190.278	0		
2020	5	18	20,362.10	19,044.52	924.925	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	390.911	274.235	0		
2020	5	19	20,838.11	19,044.52	992.792	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	703.639	97.155	0		
2020	5	20	21,045.02	19,044.52	1,070.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	755.269	174.88	0		
2020	5	21	20,046.51	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	814.274	187.712	0		
2020	5	22	19,066.00	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	202.377	0		
2020	5	23	19,232.03	19,044.52	1,085.87	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0	0	
2020	5	24	20,230.22	19,044.52	1,324.37	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	826.075	0	0		
2020	5	25	21,230.69	19,044.52	1,245.84	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	1,007.52	205.31	0		
2020	5	26	20,242.70	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	947.774	250.404	0		
2020	5	27	19,280.08	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	235.556	0	0	
2020	5	28	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2020	5	29	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0	0	
2020	5	30	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0	0	
2020	5	31	18,578.11	19,044.52	498.335	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0	0	
2020	6	1	19,274.27	19,044.52	123.129	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	379.11	0	0	0	
2020	6	2	19,806.37	19,044.52	573.958	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	93.671	94.222	0	0	
2020	6	3	20,756.09	19,044.52	1,251.65	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	436.64	23.281	0	0	
2020	6	4	20,105.24	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	952.199	108.521	0	0	
2020	6	5	19,103.19	19,044.52	2.909	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	236.656	0	0	
2020	6	6	18,566.24	19,044.52	417.864	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	2.213	0	0	0	
2020	6	7	18,753.06	19,044.52	354.845	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	317.892	0.55	0	0	
2020	6	8	19,343.98	19,044.52	222.99	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	269.95	79.008	0	0	
2020	6	9	19,684.57	19,044.52	403.322	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	169.64	67.092	0	0	
2020	6	10	20,187.55	19,044.52	794.039	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	306.828	42.162	0	0	
2020	6	11	20,441.32	19,044.52	716.478	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	604.068	76.258	0	0	
2020	6	12	19,646.07	19,044.52	87.257	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	545.062	150.133	0	0	
2020	6	13	18,348.01	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	66.381	135.468	0	0	
2020	6	14	18,096.27	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	16.498	0	0	
2020	6	15	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0	0	0
2020	6	16	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	6	17	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	6	18	19,685.95	19,044.52	0	0	0	0	0	0	0	0	0	0	0	641.427	0	0	0	0	0	0	0	0	0
2020	6	19	20,491.86	19,044.52	0	0	0	0	0	0	0	0	0	0	0	1,628.24	0	0	0	-180.897	0	0	0	0	0
2020	6	20	19,608.43	19,044.52	0	0	0	0	0	0	0	0	0	0	0	1,462.27	0	-898.36	0	0	0	0	0	0	0
2020	6	21	18,469.52	19,044.52	389.748	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0	0	0
2020	6	22	19,068.53	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	296.502	0	0	0	0
2020	6	23	19,118.21	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	73.691	0	0	0
2020	6	24	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	6	25	19,374.95	19,044.52	0	0	0	0	0	0	0	0	0	0	0	330.432	0	0	0	0	0	0	0	0	0
2020	6	26	19,141.72	19,044.52	0	0	0	0	0	0	0	0	0	0	0	278.101	0	0	0	-180.897	0	0	0	0	0
2020	6	27	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0	0	0
2020	6	28	18,079.78	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	0	0	0	0
2020	6	29	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0	0	0
2020	6	30	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	1	19,160.98	19,044.52	0	0	0	0	0	0	0	0	0	116.465	0	0	0	0	0	0	0	0	0	0	0
2020	7	2	19,421.87	19,044.52	0	0	0	0	0	0	0	0	0	377.347	0	0	0	0	0	0	0	0	0	0	0
2020	7	3	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0												

2020	7	6	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2020	7	7	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	8	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	9	19,633.83	19,044.52	0	0	0	0	0	0	0	0	0	589.313	0	0	0	0	0	0	0	0	0
2020	7	10	19,956.07	19,044.52	0	0	0	0	0	0	0	0	0	1,092.44	0	0	0	0	0	-180.897	0	0	0
2020	7	11	18,146.16	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	0	0	0
2020	7	12	18,759.93	19,044.52	0	0	0	0	0	0	0	0	0	680.156	0	0	-964.744	0	0	0	0	0	0
2020	7	13	20,004.23	19,044.52	0	0	0	0	0	0	0	0	0	1,232.20	0	0	0	0	-272.491	0	0	0	0
2020	7	14	19,377.61	19,044.52	0	0	0	0	0	0	0	0	0	333.09	0	0	0	0	0	0	0	0	0
2020	7	15	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	16	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	7	17	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0
2020	7	18	18,893.87	19,044.52	0	0	0	0	0	0	0	0	0	747.706	0	0	0	-898.36	0	0	0	0	0
2020	7	19	18,410.54	19,044.52	0	0	0	0	0	0	0	0	0	330.761	0	0	-964.744	0	0	0	0	0	0
2020	7	20	19,813.23	19,044.52	0	0	0	0	0	0	0	0	0	1,041.20	0	0	0	0	-272.491	0	0	0	0
2020	7	21	22,251.97	19,044.52	0	0	0	0	0	0	0	0	0	3,207.45	0	0	0	0	0	0	0	0	0
2020	7	22	21,031.41	19,044.52	0	0	0	0	0	0	0	0	0	1,986.89	0	0	0	0	0	0	0	0	0
2020	7	23	19,610.54	19,044.52	0	0	0	0	0	0	0	0	0	566.02	0	0	0	0	0	0	0	0	0
2020	7	24	21,157.98	19,044.52	0	0	0	0	0	0	0	0	0	2,294.36	0	0	0	0	0	-180.897	0	0	0
2020	7	25	20,200.60	19,044.52	0	0	0	0	0	0	0	0	0	2,054.44	0	0	0	-898.36	0	0	0	0	0
2020	7	26	19,493.66	19,044.52	0	0	0	0	0	0	0	0	0	1,413.89	0	0	-964.744	0	0	0	0	0	0
2020	7	27	19,750.33	19,044.52	0	0	0	0	0	0	0	0	0	978.307	0	0	0	0	-272.491	0	0	0	0
2020	7	28	21,187.48	19,044.52	0	0	0	0	0	0	0	0	0	2,142.96	0	0	0	0	0	0	0	0	0
2020	7	29	21,795.42	19,044.52	0	0	0	0	0	0	0	0	0	2,750.91	0	0	0	0	0	0	0	0	0
2020	7	30	20,444.43	19,044.52	0	0	0	0	0	0	0	0	0	1,399.91	0	0	0	0	0	0	0	0	0
2020	7	31	20,182.01	19,044.52	0	0	0	0	0	0	0	0	0	1,318.39	0	0	0	0	0	-180.897	0	0	0
2020	8	1	19,971.43	19,044.52	0	0	0	0	0	0	0	0	1,825.27	0	0	0	0	-898.36	0	0	0	0	0
2020	8	2	19,962.51	19,044.52	0	0	0	0	0	0	0	0	1,882.74	0	0	0	-964.744	0	0	0	0	0	0
2020	8	3	19,440.99	19,044.52	0	0	0	0	0	0	0	0	668.958	0	0	0	0	0	-272.491	0	0	0	0
2020	8	4	21,683.57	19,044.52	0	0	0	0	0	0	0	0	2,639.05	0	0	0	0	0	0	0	0	0	0
2020	8	5	20,598.52	19,044.52	0	0	0	0	0	0	0	0	1,554.01	0	0	0	0	0	0	0	0	0	0
2020	8	6	20,708.87	19,044.52	0	0	0	0	0	0	0	0	1,664.35	0	0	0	0	0	0	0	0	0	0
2020	8	7	20,525.67	19,044.52	0	0	0	0	0	0	0	0	1,662.05	0	0	0	0	0	0	-180.897	0	0	0
2020	8	8	18,449.60	19,044.52	0	0	0	0	0	0	0	0	303.445	0	0	0	0	-898.36	0	0	0	0	0
2020	8	9	19,829.18	19,044.52	0	0	0	0	0	0	0	0	1,749.41	0	0	0	-964.744	0	0	0	0	0	0
2020	8	10	20,401.89	19,044.52	0	0	0	0	0	0	0	0	1,629.87	0	0	0	0	0	-272.491	0	0	0	0
2020	8	11	19,878.99	19,044.52	0	0	0	0	0	0	0	0	834.473	0	0	0	0	0	0	0	0	0	0
2020	8	12	19,878.99	19,044.52	0	0	0	0	0	0	0	0	834.473	0	0	0	0	0	0	0	0	0	0
2020	8	13	20,816.91	19,044.52	0	0	0	0	0	0	0	0	1,772.39	0	0	0	0	0	0	0	0	0	0
2020	8	14	20,440.62	19,044.52	0	0	0	0	0	0	0	0	1,576.99	0	0	0	0	0	0	-180.897	0	0	0
2020	8	15	18,881.78	19,044.52	0	0	0	0	0	0	0	0	735.624	0	0	0	0	-898.36	0	0	0	0	0
2020	8	16	18,167.13	19,044.52	0	0	0	0	0	0	0	0	87.355	0	0	0	-964.744	0	0	0	0	0	0
2020	8	17	18,772.03	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	0	0	0
2020	8	18	19,743.36	19,044.52	0	0	0	0	0	0	0	0	698.842	0	0	0	0	0	0	0	0	0	0
2020	8	19	19,589.34	19,044.52	0	0	0	0	0	0	0	0	544.821	0	0	0	0	0	0	0	0	0	0
2020	8	20	20,019.22	19,044.52	0	0	0	0	0	0	0	0	974.701	0	0	0	0	0	0	0	0	0	0
2020	8	21	19,325.69	19,044.52	0	0	0	0	0	0	0	0	462.064	0	0	0	0	0	0	-180.897	0	0	0
2020	8	22	18,884.08	19,044.52	0	0	0	0	0	0	0	0	737.922	0	0	0	0	-898.36	0	0	0	0	0
2020	8	23	19,075.17	19,044.52	0	0	0	0	0	0	0	0	995.391	0	0	0	-964.744	0	0	0	0	0	0
2020	8	24	20,558.21	19,044.52	0	0	0	0	0	0	0	0	1,786.19	0	0	0	0	0	-272.491	0	0	0	0
2020	8	25	19,734.17	19,044.52	0	0	0	0	0	0	0	0	689.647	0	0	0	0	0	0	0	0	0	0
2020	8	26	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	27	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	8	28	18,863.62	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	0	0

2022 LFR CA IR-14 Attachment 1 Page 46 of 57

[illegible]

2020	10	22	19,044.52	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	10	23	20,040.07	19,044.52	671.88	0	0	0	0	0	504.571	0	0	0	0	0	0	0	-180.897	0	0	0
2020	10	24	19,156.39	19,044.52	285.04	0	0	0	0	0	214.06	0	0	0	0	0	0	-898.36	0	0	511.134	0
2020	10	25	20,785.05	19,044.52	1,348.61	0	0	0	0	0	1,012.78	0	0	0	0	0	-964.744	0	0	0	216.845	127.035
2020	10	26	22,462.82	19,044.52	1,491.13	0	0	0	0	0	1,119.81	0	0	0	0	0	0	0	-272.491	0	0	1,025.96
2020	10	27	22,050.02	19,044.52	922.986	0	0	0	0	0	693.148	0	0	0	0	0	0	0	0	0	0	1,134.38
2020	10	28	24,021.42	19,044.52	2,280.32	0	0	0	0	0	1,712.48	0	0	0	0	0	0	0	0	0	0	702.164
2020	10	29	23,690.35	19,044.52	1,562.87	0	0	0	0	0	1,173.69	0	0	0	0	0	0	0	0	0	0	1,734.76
2020	10	30	24,610.64	19,044.52	2,356.91	0	0	0	0	0	1,770.00	0	0	0	0	0	0	0	0	-180.897	0	1,188.96
2020	10	31	24,436.29	19,044.52	2,399.57	0	0	0	0	0	1,802.04	0	0	0	0	0	0	-898.36	0	0	0	1,793.03
2020	11	1	23,983.46	19,044.52	1,452.35	0	0	0	0	0	0	2,180.22	0	0	0	0	-964.744	0	0	0	0	1,825.48
2020	11	2	22,108.09	19,044.52	710.66	0	0	0	0	0	0	1,066.82	0	0	0	0	0	0	-272.491	0	0	1,104.88
2020	11	3	27,411.04	19,044.52	3,019.10	0	0	0	0	0	0	4,532.19	0	0	0	0	0	0	0	0	0	540.637
2020	11	4	29,409.05	19,044.52	3,201.37	-73.789	0	0	0	0	0	4,805.80	0	0	0	0	0	0	0	0	0	2,296.79
2020	11	5	24,483.02	19,044.52	972.432	0	0	0	0	0	0	1,459.79	0	0	0	0	0	0	0	0	0	2,435.45
2020	11	6	20,208.70	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	0	739.78
2020	11	7	18,330.02	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	0	183.862
2020	11	8	21,780.24	19,044.52	1,479.49	0	0	0	0	0	0	2,220.97	0	0	0	0	-964.744	0	0	0	0	0
2020	11	9	21,575.62	19,044.52	670.91	0	0	0	0	0	0	1,007.15	0	0	0	0	0	0	-272.491	0	0	1,125.53
2020	11	10	20,676.11	19,044.52	336.425	0	0	0	0	0	0	505.031	0	0	0	0	0	0	0	0	0	510.397
2020	11	11	19,427.31	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	255.936
2020	11	12	19,108.13	19,044.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2020	11	13	22,690.19	19,044.52	1,529.91	0	0	0	0	0	0	2,296.66	0	0	0	0	0	0	0	0	-180.897	0
2020	11	14	24,026.56	19,044.52	1,885.72	0	0	0	0	0	0	2,830.80	0	0	0	0	0	-898.36	0	0	0	1,163.88
2020	11	15	25,696.23	19,044.52	2,355.94	0	0	0	0	0	0	3,536.68	0	0	0	0	-964.744	0	0	0	0	1,434.57
2020	11	16	23,467.05	19,044.52	1,018.00	0	0	0	0	0	0	1,528.19	0	0	0	0	0	0	-272.491	0	0	1,792.29
2020	11	17	24,549.29	19,044.52	1,713.15	0	0	0	0	0	0	2,571.73	0	0	0	0	0	0	0	0	0	774.446
2020	11	18	28,211.12	19,044.52	3,075.33	-21.083	0	0	0	0	0	4,616.60	0	0	0	0	0	0	0	0	0	1,303.28
2020	11	19	29,403.07	19,044.52	3,086.96	-25.948	0	0	0	0	0	4,634.06	0	0	0	0	0	0	0	0	0	2,339.56
2020	11	20	23,583.11	19,044.52	715.508	0	0	0	0	0	0	1,074.10	0	0	0	0	0	0	0	-180.897	0	2,348.41
2020	11	21	21,228.66	19,044.52	781.436	0	0	0	0	0	0	1,173.07	0	0	0	0	0	-898.36	0	0	0	544.325
2020	11	22	25,972.83	19,044.52	2,863.97	0	0	0	0	0	0	4,299.32	0	0	0	0	-964.744	0	0	0	0	594.479
2020	11	23	23,622.92	19,044.52	1,009.27	0	0	0	0	0	0	1,515.09	0	0	0	0	0	0	-272.491	0	0	2,178.77
2020	11	24	26,110.65	19,044.52	2,301.65	0	0	0	0	0	0	3,455.17	0	0	0	0	0	0	0	0	0	767.808
2020	11	25	28,877.30	19,044.52	3,181.01	-65.275	0	0	0	0	0	4,775.24	0	0	0	0	0	0	0	0	0	1,750.99
2020	11	26	24,290.66	19,044.52	955.95	0	0	0	0	0	0	1,435.05	0	0	0	0	0	0	0	0	0	2,419.96
2020	11	27	20,941.62	19,044.52	299.583	0	0	0	0	0	0	449.725	0	0	0	0	0	0	0	-180.897	0	727.241
2020	11	28	21,348.35	19,044.52	1,116.89	0	0	0	0	0	0	1,676.65	0	0	0	0	0	-898.36	0	0	0	227.908
2020	11	29	23,799.61	19,044.52	1,924.50	0	0	0	0	0	0	2,889.01	0	0	0	0	-964.744	0	0	0	0	849.678
2020	11	30	24,681.23	19,044.52	1,692.79	0	0	0	0	0	0	2,541.17	0	0	0	0	0	0	-272.491	0	0	1,464.07
2020	12	1	21,101.38	19,044.52	146.398	0	0	0	0	0	0	0	258.798	0	0	0	0	0	0	0	0	1,287.79
2020	12	2	21,209.44	19,044.52	626.312	0	0	0	0	0	0	0	1,107.18	0	0	0	0	0	0	0	0	111.373
2020	12	3	24,370.77	19,044.52	1,742.23	0	0	0	0	0	0	0	3,079.87	0	0	0	0	0	0	0	0	476.468
2020	12	4	23,457.78	19,044.52	1,138.22	0	0	0	0	0	0	0	2,012.11	0	0	0	0	0	0	-180.897	0	1,325.41
2020	12	5	20,986.41	19,044.52	594.318	0	0	0	0	0	0	0	1,050.62	0	0	0	0	-898.36	0	0	0	865.904
2020	12	6	22,533.41	19,044.52	1,368.00	0	0	0	0	0	0	0	2,418.30	0	0	0	-964.744	0	0	0	0	452.129
2020	12	7	26,794.65	19,044.52	2,481.98	0	0	0	0	0	0	0	4,387.57	0	0	0	0	0	-272.491	0	0	1,040.71
2020	12	8	28,796.15	19,044.52	2,747.63	0	0	0	0	0	0	0	4,857.18	0	0	0	0	0	0	0	0	1,888.17
2020	12	9	29,241.07	19,044.52	2,759.26	0	0	0	0	0	0	0	4,877.74	0	0	0	0	0	0	0	0	2,090.27
2020	12	10	29,340.40	19,044.52	2,773.81	0	0	0	0	0	0	0	4,903.45	0	0	0	0	0	0	0	0	2,099.12
2020	12	11	28,848.07	19,044.52	2,656.49	0	0	0	0	0	0	0	4,696.07	0	0	0	0	0	0	-180.897	0	2,110.18
2020	12	12	26,238.17	19,044.52	2,004.00	0	0	0	0	0	0	0	3,542.62	0	0	0	0	-898.36	0	0	0	2,020.93
2020	12	13	23,573.58	19,044.52	1,252.62	0	0	0	0	0	0	0	2,214.35	0	0	0	-964.744	0	0	0	0	1,524.55
2020	12	14	25,137.96	19,044.52	1,818.83	0	0	0	0	0	0	0	3,215.27	0	0	0	0	0	-272.491	0	0	952.937

2020	12	15	29,695.63	19,044.52	3,305.10	-117.171	0	0	0	0	0	0	5,842.66	0	0	0	0	0	0	0	1,383.68	236.839	0	
2020	12	16	34,001.82	19,044.52	4,611.05	-663.294	0	0	0	0	0	0	8,151.28	0	0	0	0	0	0	0	2,514.37	343.894	0	
2020	12	17	34,659.01	19,044.52	4,348.31	-553.421	0	0	0	0	0	0	7,686.81	0	0	0	0	0	0	0	3,507.87	624.911	0	
2020	12	18	31,479.49	19,044.52	3,052.06	-11.352	0	0	0	0	0	0	5,395.34	0	0	0	0	0	0	-180.897	3,307.99	871.833	0	
2020	12	19	29,694.33	19,044.52	3,038.49	-5.676	0	0	0	0	0	0	5,371.34	0	0	0	0	0	-898.36	0	2,321.86	822.155	0	
2020	12	20	29,182.32	19,044.52	2,967.71	0	0	0	0	0	0	0	5,246.23	0	0	0	0	-964.744	0	0	2,311.54	577.067	0	
2020	12	21	25,387.84	19,044.52	1,367.03	0	0	0	0	0	0	0	2,416.59	0	0	0	0	0	0	-272.491	0	2,257.69	574.5	0
2020	12	22	26,720.86	19,044.52	2,195.00	0	0	0	0	0	0	0	3,880.26	0	0	0	0	0	0	0	1,039.97	561.119	0	
2020	12	23	29,928.27	19,044.52	3,273.11	-103.792	0	0	0	0	0	0	5,786.11	0	0	0	0	0	0	0	1,669.85	258.47	0	
2020	12	24	29,294.08	19,044.52	2,653.59	0	0	0	0	0	0	0	4,690.93	0	0	0	0	0	0	0	2,490.03	415.019	0	
2020	12	25	23,366.18	19,044.52	673.819	0	0	0	0	0	0	0	1,191.16	0	0	0	0	0	0	-180.897	2,018.72	618.862	0	
2020	12	26	22,557.70	19,044.52	1,227.42	0	0	0	0	0	0	0	2,169.79	0	0	0	0	0	-898.36	0	512.609	501.725	0	
2020	12	27	26,574.00	19,044.52	2,685.58	0	0	0	0	0	0	0	4,747.49	0	0	0	0	-964.744	0	0	933.76	127.402	0	
2020	12	28	28,584.88	19,044.52	2,723.39	0	0	0	0	0	0	0	4,814.33	0	0	0	0	0	0	-272.491	0	2,043.06	232.073	0
2020	12	29	27,355.90	19,044.52	2,070.90	0	0	0	0	0	0	0	3,660.88	0	0	0	0	0	0	0	2,071.83	507.775	0	
2020	12	30	31,443.43	19,044.52	3,849.01	-344.621	0	0	0	0	0	0	6,804.16	0	0	0	0	0	0	0	1,575.44	514.924	0	
2020	12	31	27,406.36	19,044.52	1,821.73	0	0	0	0	0	0	0	3,220.41	0	0	0	0	0	0	0	2,928.14	391.555	0	
2021	1	1	30,407.26	19,044.52	3,443.26	-291.631	6,278.36	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	1,385.89	727.749	0	
2021	1	2	31,900.76	19,044.52	3,993.47	-484.375	7,281.59	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	2,619.47	344.444	0	
2021	1	3	32,604.07	19,044.52	4,012.37	-493.214	7,316.07	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	3,038.04	651.033	0	
2021	1	4	32,053.44	19,044.52	3,459.07	-292.32	6,307.18	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	3,052.42	755.063	0
2021	1	5	31,176.46	19,044.52	3,151.10	-154.917	5,745.64	0	0	0	0	0	0	0	0	0	0	0	0	0	2,631.49	758.637	0	
2021	1	6	32,844.07	19,044.52	3,963.11	-441.029	7,226.24	0	0	0	0	0	0	0	0	0	0	0	0	0	2,397.20	654.021	0	
2021	1	7	33,856.63	19,044.52	4,141.12	-490.578	7,550.83	0	0	0	0	0	0	0	0	0	0	0	0	0	3,014.95	595.792	0	
2021	1	8	33,698.90	19,044.52	4,034.48	-455.265	7,356.37	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,150.37	749.323	0	
2021	1	9	32,101.23	19,044.52	3,697.81	-337.465	6,742.50	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	3,069.24	782.981	0	
2021	1	10	30,908.32	19,044.52	3,355.13	-220.193	6,117.67	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	2,813.12	762.817	0	
2021	1	11	29,870.60	19,044.52	2,836.63	-161.891	5,172.25	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,552.43	699.162	0
2021	1	12	29,756.94	19,044.52	2,876.58	-201.583	5,245.08	0	0	0	0	0	0	0	0	0	0	0	0	0	2,157.97	634.37	0	
2021	1	13	29,640.19	19,044.52	2,856.31	-193.474	5,208.13	0	0	0	0	0	0	0	0	0	0	0	0	0	2,188.36	536.335	0	
2021	1	14	31,649.16	19,044.52	3,643.95	-400.45	6,644.30	0	0	0	0	0	0	0	0	0	0	0	0	0	2,172.95	543.887	0	
2021	1	15	32,755.90	19,044.52	3,903.20	-440.142	7,117.01	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	2,772.15	540.056	0	
2021	1	16	32,121.24	19,044.52	3,781.92	-361.041	6,895.86	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	2,969.37	688.979	0	
2021	1	17	32,152.90	19,044.52	3,845.13	-398.22	7,011.12	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	2,877.10	737.997	0	
2021	1	18	33,312.25	19,044.52	4,031.57	-482.672	7,351.07	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,925.19	715.064	0
2021	1	19	32,700.56	19,044.52	3,617.58	-351.797	6,596.22	0	0	0	0	0	0	0	0	0	0	0	0	0	3,067.03	727.016	0	
2021	1	20	31,573.07	19,044.52	3,253.82	-172.554	5,932.93	0	0	0	0	0	0	0	0	0	0	0	0	0	2,752.09	762.267	0	
2021	1	21	33,045.17	19,044.52	3,986.20	-413.221	7,268.34	0	0	0	0	0	0	0	0	0	0	0	0	0	2,475.35	683.993	0	
2021	1	22	35,096.25	19,044.52	4,706.45	-703.189	8,581.64	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	3,032.51	615.214	0	
2021	1	23	34,232.48	19,044.52	4,360.24	-558.408	7,950.36	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	3,580.45	753.688	0	
2021	1	24	31,995.14	19,044.52	3,593.25	-436.655	6,551.84	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	3,317.06	889.871	0	
2021	1	25	32,030.32	19,044.52	3,573.86	-390.03	6,516.49	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	2,733.57	824.41	0
2021	1	26	32,392.63	19,044.52	3,642.35	-333.836	6,641.38	0	0	0	0	0	0	0	0	0								

2021	2	7	31,894.57	19,044.52	3,844.06	-391.449	0	6,673.69	0	0	0	0	0	0	0	-964.744	0	0	0	3,042.91	645.589	0
2021	2	8	32,802.12	19,044.52	3,937.43	-423.762	0	6,835.78	0	0	0	0	0	0	0	0	0	-272.491	0	2,924.38	756.273	0
2021	2	9	33,866.47	19,044.52	4,242.92	-509.35	0	7,366.15	0	0	0	0	0	0	0	0	0	0	0	2,995.41	726.814	0
2021	2	10	33,522.77	19,044.52	3,997.54	-431.709	0	6,940.13	0	0	0	0	0	0	0	0	0	0	0	3,227.82	744.467	0
2021	2	11	33,434.03	19,044.52	4,040.59	-509.309	0	7,014.87	0	0	0	0	0	0	0	0	0	0	0	3,041.14	802.229	0
2021	2	12	33,073.35	19,044.52	3,966.71	-473.307	0	6,886.61	0	0	0	0	0	0	0	0	0	0	-180.897	3,073.89	755.833	0
2021	2	13	32,637.08	19,044.52	4,086.93	-472.982	0	7,095.33	0	0	0	0	0	0	0	0	-898.36	0	0	3,017.68	763.972	0
2021	2	14	32,246.93	19,044.52	3,926.38	-434.952	0	6,816.59	0	0	0	0	0	0	0	-964.744	0	0	0	3,109.14	750.003	0
2021	2	15	32,511.75	19,044.52	3,782.50	-369.312	0	6,566.80	0	0	0	0	0	0	0	0	0	-272.491	0	2,987.00	772.734	0
2021	2	16	31,396.62	19,044.52	3,275.49	-229.883	0	5,686.58	0	0	0	0	0	0	0	0	0	0	0	2,877.55	742.378	0
2021	2	17	31,156.15	19,044.52	3,347.67	-254.939	0	5,811.89	0	0	0	0	0	0	0	0	0	0	0	2,491.83	715.174	0
2021	2	18	31,878.32	19,044.52	3,634.02	-275.291	0	6,309.02	0	0	0	0	0	0	0	0	0	0	0	2,546.75	619.311	0
2021	2	19	30,778.05	19,044.52	3,167.92	-150.863	0	5,499.83	0	0	0	0	0	0	0	0	0	0	-180.897	2,764.59	632.959	0
2021	2	20	30,472.99	19,044.52	3,470.31	-265.399	0	6,024.82	0	0	0	0	0	0	0	0	-898.36	0	0	2,410.00	687.1	0
2021	2	21	30,610.04	19,044.52	3,508.22	-307.605	0	6,090.63	0	0	0	0	0	0	0	-964.744	0	0	0	2,640.05	598.973	0
2021	2	22	30,351.13	19,044.52	3,062.34	-124.793	0	5,316.53	0	0	0	0	0	0	0	0	0	-272.491	0	2,668.89	656.148	0
2021	2	23	31,210.77	19,044.52	3,452.47	-273.062	0	5,993.84	0	0	0	0	0	0	0	0	0	0	0	2,329.68	663.315	0
2021	2	24	31,007.27	19,044.52	3,295.60	-259.844	0	5,721.50	0	0	0	0	0	0	0	0	0	0	0	2,626.48	579.01	0
2021	2	25	29,768.42	19,044.52	2,806.82	-115.752	0	4,872.92	0	0	0	0	0	0	0	0	0	0	0	2,507.14	652.775	0
2021	2	26	30,534.50	19,044.52	3,358.14	-275.737	0	5,830.07	0	0	0	0	0	0	0	0	0	0	-180.897	2,135.29	623.115	0
2021	2	27	31,677.10	19,044.52	3,971.56	-421.046	0	6,895.03	0	0	0	0	0	0	0	0	-898.36	0	0	2,554.71	530.698	0
2021	2	28	31,065.09	19,044.52	3,511.32	-278.332	0	6,096.01	0	0	0	0	0	0	0	-964.744	0	0	0	3,021.37	634.938	0
2021	3	1	29,735.75	19,044.52	3,386.16	-234.221	0	0	4,389.62	0	0	0	0	0	0	0	0	-272.491	0	2,671.25	750.92	0
2021	3	2	29,078.45	19,044.52	3,004.65	-105.697	0	0	3,895.05	0	0	0	0	0	0	0	0	0	0	2,576.03	663.902	0
2021	3	3	29,828.03	19,044.52	3,567.22	-334.059	0	0	4,624.33	0	0	0	0	0	0	0	0	0	0	2,285.80	640.236	0
2021	3	4	30,311.28	19,044.52	3,642.69	-379.975	0	0	4,722.17	0	0	0	0	0	0	0	0	0	0	2,713.77	568.103	0
2021	3	5	30,063.66	19,044.52	3,492.22	-264.953	0	0	4,527.11	0	0	0	0	0	0	0	0	0	-180.897	2,771.19	674.47	0
2021	3	6	29,667.27	19,044.52	3,719.48	-365.542	0	0	4,821.71	0	0	0	0	0	0	0	-898.36	0	0	2,656.72	688.741	0
2021	3	7	29,393.62	19,044.52	3,531.49	-285.549	0	0	4,578.01	0	0	0	0	0	0	-964.744	0	0	0	2,829.60	660.29	0
2021	3	8	28,578.03	19,044.52	2,838.38	-101.724	0	0	3,679.50	0	0	0	0	0	0	0	0	-272.491	0	2,686.59	703.259	0
2021	3	9	28,602.29	19,044.52	2,967.32	-83.236	0	0	3,846.66	0	0	0	0	0	0	0	0	0	0	2,159.30	667.715	0
2021	3	10	29,140.32	19,044.52	3,246.64	-153.66	0	0	4,208.76	0	0	0	0	0	0	0	0	0	0	2,257.40	536.665	0
2021	3	11	28,861.12	19,044.52	3,017.93	-144.538	0	0	3,912.27	0	0	0	0	0	0	0	0	0	0	2,469.89	561.045	0
2021	3	12	28,505.14	19,044.52	3,000.48	-158.364	0	0	3,889.65	0	0	0	0	0	0	0	0	0	-180.897	2,295.90	613.858	0
2021	3	13	27,470.25	19,044.52	2,877.06	-135.862	0	0	3,729.65	0	0	0	0	0	0	0	-898.36	0	0	2,282.62	570.614	0
2021	3	14	27,834.06	19,044.52	3,120.80	-168.175	0	0	4,045.62	0	0	0	0	0	0	-964.744	0	0	0	2,188.73	567.315	0
2021	3	15	28,431.72	19,044.52	2,962.81	-62.072	0	0	3,840.82	0	0	0	0	0	0	0	0	-272.491	0	2,374.16	543.979	0
2021	3	16	28,607.81	19,044.52	2,972.36	-106.305	0	0	3,853.20	0	0	0	0	0	0	0	0	0	0	2,253.97	590.064	0
2021	3	17	29,264.68	19,044.52	3,320.33	-225.869	0	0	4,304.28	0	0	0	0	0	0	0	0	0	0	2,261.23	560.193	0
2021	3	18	29,447.60	19,044.52	3,292.11	-244.681	0	0	4,267.70	0	0	0	0	0	0	0	0	0	0	2,525.95	561.998	0
2021	3	19	29,591.32	19,044.52	3,418.68	-255.04	0	0	4,431.78	0	0	0	0	0	0	0	0	0	-180.897	2,504.48	627.789	0
2021	3	20	27,980.21	19,044.52	2,928.64	-114.333	0	0	3,796.52	0	0	0	0	0	0	0	-898.36	0	0	2,600.77	622.455	0
2021	3	21	26,719.76	19,044.52	2,523.18	-28.462	0	0	3,270.91	0	0	0	0	0	0	-964.744	0	0	0	2,227.97	646.386	0
2021	3	22	27,390.39	19,044.52	2,711.71	-81.898	0	0	3,515.30	0	0	0	0	0	0	0	0	-272.491	0	1,919.52	553.731	0
2021	3	23	28,518.09	19,044.52	3,102.77	-191.447	0	0	4,022.24	0	0	0	0	0	0	0	0	0	0	2,062.94	477.07	0
2021	3	24	29,254.54	19,044.52	3,279.90	-194.893	0	0	4,251.87	0	0	0	0	0	0	0	0	0	0	2,360.44	512.715	0
2021	3	25	28,812.34	19,044.52	2,944.35	-75.249	0	0	3,816.88	0	0	0	0	0	0	0	0	0	0	2,495.19	586.654	0
2021	3	26	28,585.33	19,044.52	3,019.53	-72.229	0	0	3,914.34	0	0	0	0	0	0	0	0	0	-180.897	2,239.92	620.145	0
2021	3	27	27,936.00	19,044.52	3,071.74	-117.739	0	0	3,982.02	0	0	0	0	0	0	0	-898.36	0	0	2,297.12	556.701	0
2021	3	28	27,116.75	19,044.52	2,680.44	-25.988	0	0	3,474.77	0	0	0	0	0	0	-964.744	0	0	0	2,336.83	570.917	0
2021	3	29	26,964.40	19,044.52	2,441.84	-34.868	0	0	3,165.46	0	0	0	0	0	0	0	0	-272.491	0	2,039.15	580.788	0
2021	3	30	27,221.08	19,044.52	2,544.03	-29.84	0	0	3,297.93	0	0	0	0	0	0	0	0	0	0	1,857.64	506.803	0
2021	3	31	26,754.13	19,044.52	2,314.93	-3.325	0	0	3,000.94	0	0	0	0	0	0	0	0	0	0	1,935.38	461.69	0
2021	4	1	25,454.18	19,044.52	2,350.03	-9.852	0	0	0	1,827.38	0	0	0	0	0	0	0	0	0	1,761.09	481.011	0

2021	4	2	25,359.54	19,044.52	2,405.87	-6.244	0	0	0	1,870.81	0	0	0	0	0	0	0	0	0	-180.897	1,787.79	437.694	0
2021	4	3	24,751.47	19,044.52	2,437.77	-2.676	0	0	0	1,895.61	0	0	0	0	0	0	0	-898.36	0	0	1,830.27	444.33	0
2021	4	4	24,750.01	19,044.52	2,473.11	-35.395	0	0	0	1,923.09	0	0	0	0	0	0	-964.744	0	0	0	1,854.54	454.889	0
2021	4	5	25,697.99	19,044.52	2,610.64	-57.045	0	0	0	2,030.03	0	0	0	0	0	0	0	0	-272.491	0	1,881.42	460.92	0
2021	4	6	26,011.98	19,044.52	2,574.38	-62.397	0	0	0	2,001.84	0	0	0	0	0	0	0	0	0	0	1,986.05	467.602	0
2021	4	7	25,524.03	19,044.52	2,267.12	-2.595	0	0	0	1,762.91	0	0	0	0	0	0	0	0	0	0	1,958.46	493.605	0
2021	4	8	25,514.01	19,044.52	2,406.55	-19.866	0	0	0	1,871.34	0	0	0	0	0	0	0	0	0	0	1,724.72	486.749	0
2021	4	9	25,471.91	19,044.52	2,471.95	-45.287	0	0	0	1,922.19	0	0	0	0	0	0	0	0	0	-180.897	1,830.79	428.655	0
2021	4	10	24,732.74	19,044.52	2,393.56	-3.771	0	0	0	1,861.23	0	0	0	0	0	0	0	-898.36	0	0	1,880.54	455.017	0
2021	4	11	23,713.92	19,044.52	1,882.23	0	0	0	0	1,463.63	0	0	0	0	0	0	-964.744	0	0	0	1,820.91	467.382	0
2021	4	12	23,655.95	19,044.52	1,687.36	0	0	0	0	1,312.09	0	0	0	0	0	0	0	0	-272.491	0	1,431.91	452.561	0
2021	4	13	23,856.03	19,044.52	1,784.41	0	0	0	0	1,387.56	0	0	0	0	0	0	0	0	0	0	1,283.66	355.882	0
2021	4	14	23,265.86	19,044.52	1,431.60	0	0	0	0	1,113.21	0	0	0	0	0	0	0	0	0	0	1,357.49	319.037	0
2021	4	15	23,706.21	19,044.52	1,824.64	-8.271	0	0	0	1,418.84	0	0	0	0	0	0	0	0	0	0	1,089.09	337.386	0
2021	4	16	24,344.89	19,044.52	2,153.21	-5.068	0	0	0	1,674.34	0	0	0	0	0	0	0	0	0	-180.897	1,388.10	270.679	0
2021	4	17	23,604.42	19,044.52	1,955.00	0	0	0	0	1,520.21	0	0	0	0	0	0	0	-898.36	0	0	1,638.06	344.994	0
2021	4	18	23,500.12	19,044.52	1,983.55	0	0	0	0	1,542.41	0	0	0	0	0	0	-964.744	0	0	0	1,487.27	407.118	0
2021	4	19	24,343.36	19,044.52	2,083.99	-11.798	0	0	0	1,620.51	0	0	0	0	0	0	0	0	-272.491	0	1,508.99	369.64	0
2021	4	20	24,229.83	19,044.52	1,814.17	0	0	0	0	1,410.70	0	0	0	0	0	0	0	0	0	0	1,585.40	375.038	0
2021	4	21	23,752.13	19,044.52	1,650.23	0	0	0	0	1,283.22	0	0	0	0	0	0	0	0	0	0	1,380.14	394.03	0
2021	4	22	23,375.61	19,044.52	1,537.28	0	0	0	0	1,195.39	0	0	0	0	0	0	0	0	0	0	1,255.41	343.014	0
2021	4	23	23,627.56	19,044.52	1,846.55	0	0	0	0	1,435.88	0	0	0	0	0	0	0	0	0	-180.897	1,169.49	312.016	0
2021	4	24	22,592.69	19,044.52	1,547.65	0	0	0	0	1,203.45	0	0	0	0	0	0	0	-898.36	0	0	1,404.77	290.66	0
2021	4	25	22,518.02	19,044.52	1,638.01	0	0	0	0	1,273.72	0	0	0	0	0	0	-964.744	0	0	0	1,177.38	349.136	0
2021	4	26	23,180.79	19,044.52	1,614.55	0	0	0	0	1,255.47	0	0	0	0	0	0	0	0	-272.491	0	1,246.12	292.621	0
2021	4	27	23,425.63	19,044.52	1,599.42	0	0	0	0	1,243.71	0	0	0	0	0	0	0	0	0	0	1,228.27	309.706	0
2021	4	28	23,428.30	19,044.52	1,609.89	0	0	0	0	1,251.85	0	0	0	0	0	0	0	0	0	0	1,216.77	305.27	0
2021	4	29	23,111.47	19,044.52	1,428.79	0	0	0	0	1,111.03	0	0	0	0	0	0	0	0	0	0	1,224.73	302.41	0
2021	4	30	23,297.84	19,044.52	1,711.79	0	0	0	0	1,331.09	0	0	0	0	0	0	0	0	0	-180.897	1,086.95	304.39	0
2021	5	1	21,314.78	19,044.52	1,596.22	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	1,302.25	270.147	0
2021	5	2	20,874.65	19,044.52	1,256.89	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	1,214.33	323.656	0
2021	5	3	21,017.28	19,044.52	987.265	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	956.182	301.805	0
2021	5	4	21,381.64	19,044.52	1,348.41	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	751.065	237.646	0
2021	5	5	21,378.64	19,044.52	1,121.64	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1,025.81	186.667	0
2021	5	6	21,069.74	19,044.52	916.975	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	853.292	254.951	0
2021	5	7	20,810.58	19,044.52	1,037.29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	697.591	212.074	0
2021	5	8	20,224.05	19,044.52	1,115.39	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	789.123	173.377	0
2021	5	9	20,382.83	19,044.52	1,258.39	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	848.534	196.126	0
2021	5	10	21,036.19	19,044.52	1,095.95	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	957.325	210.892	0
2021	5	11	20,833.16	19,044.52	716.962	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	833.746	237.93	0
2021	5	12	20,867.52	19,044.52	1,070.35	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	545.431	207.216	0
2021	5	13	21,043.47	19,044.52	1,049.12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	814.274	135.559	0
2021	5	14	20,900.64	19,044.52	1,036.52	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	798.122	202.377	0
2021	5	15	20,007.86	19,044.52	874.801	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	788.533	198.362	0
2021	5	16	19,900.61	19,044.52	959.343	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	665.507	195.979	0
2021	5	17	20,265.35	19,044.52	598.099	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	729.823	165.403	0
2021	5	18	20,383.91	19,044.52	703.001	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	455.005	181.387	0
2021	5	19	20,458.05	19,044.52	765.632	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	534.81	113.085	0
2021	5	20	20,482.19	19,044.52	722.295	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	582.457	132.92	0
2021	5	21	20,026.35	19,044.52	468.474	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	549.488	144.762	0
2021	5	22	19,339.12	19,044.52	699.996	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	356.393	136.568	0
2021	5	23	19,522.06	19,044.52	821.186	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	532.524	88.576	0
2021	5	24	20,318.00	19,044.52	788.901	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	624.72	132.351	0
2021	5	25	20,364.64	19,044.52	564.699	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	600.159	155.265	0

2021	5	26	20,251.14	19,044.52	627.863	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	429.596	149.161	0	
2021	5	27	20,346.00	19,044.52	717.059	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	477.649	106.77	0	
2021	5	28	20,100.83	19,044.52	572.988	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	545.505	118.713	0	
2021	5	29	19,329.46	19,044.52	611.818	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	435.902	135.578	0	
2021	5	30	19,093.91	19,044.52	440.357	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	465.442	108.337	0	
2021	5	31	19,660.64	19,044.52	437.934	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	335.003	115.679	0	
2021	6	1	19,924.12	19,044.52	378.405	0	0	0	0	0	0	0	0	0	0	84.776	0	0	0	0	333.159	83.26	0	
2021	6	2	19,908.10	19,044.52	492.906	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	287.873	82.802	0	
2021	6	3	20,079.16	19,044.52	588.113	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	374.979	71.547	0	
2021	6	4	19,937.66	19,044.52	533.432	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	447.408	93.196	0	
2021	6	5	19,190.97	19,044.52	527.808	0	0	0	0	0	0	0	0	0	0	0	0	-898.36	0	0	405.81	111.197	0	
2021	6	6	19,090.39	19,044.52	508.224	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	401.532	100.858	0	
2021	6	7	19,542.82	19,044.52	284.361	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	386.633	99.795	0	
2021	6	8	19,501.59	19,044.52	144.653	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	216.328	96.092	0	
2021	6	9	19,355.31	19,044.52	146.98	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	110.045	53.765	0	
2021	6	10	19,347.53	19,044.52	163.849	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	111.815	27.35	0	
2021	6	11	19,183.98	19,044.52	167.921	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	124.649	27.79	0	
2021	6	12	18,566.09	19,044.52	188.087	0	0	0	0	0	0	0	0	0	0	73.114	0	-898.36	0	0	127.747	30.98	0	
2021	6	13	18,615.61	19,044.52	210.58	0	0	0	0	0	0	0	0	0	0	150.414	-964.744	0	0	0	143.088	31.75	0	
2021	6	14	19,274.84	19,044.52	307.048	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	160.2	35.563	0	
2021	6	15	19,501.07	19,044.52	183.143	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	233.588	39.815	0	
2021	6	16	19,356.89	19,044.52	114.985	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	139.326	58.055	0	
2021	6	17	19,302.45	19,044.52	135.83	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	87.475	34.628	0	
2021	6	18	19,147.66	19,044.52	94.819	0	0	0	0	0	0	0	0	0	0	64.143	0	0	0	-180.897	103.333	21.741	0	
2021	6	19	18,481.00	19,044.52	37.424	0	0	0	0	0	0	0	0	0	0	199.605	0	-898.36	0	0	72.134	25.682	0	
2021	6	20	18,272.40	19,044.52	0	0	0	0	0	0	0	0	0	0	0	146.227	-964.744	0	0	0	28.47	17.928	0	
2021	6	21	18,919.60	19,044.52	65.734	0	0	0	0	0	0	0	0	0	0	74.758	0	0	-272.491	0	0	7.076	0	0
2021	6	22	19,101.40	19,044.52	0	0	0	0	0	0	0	0	0	0	0	6.878	0	0	0	0	50.007	0	0	0
2021	6	23	19,122.19	19,044.52	26.662	0	0	0	0	0	0	0	0	0	0	38.575	0	0	0	0	0	12.429	0	0
2021	6	24	19,109.12	19,044.52	35.388	0	0	0	0	0	0	0	0	0	0	8.932	0	0	0	0	20.283	0	0	0
2021	6	25	19,207.11	19,044.52	73.199	0	0	0	0	0	0	0	0	0	0	238.33	0	0	0	-180.897	26.921	5.041	0	0
2021	6	26	18,239.34	19,044.52	0	0	0	0	0	0	0	0	0	0	0	30.8	0	-898.36	0	0	55.686	6.691	0	0
2021	6	27	18,094.39	19,044.52	0.776	0	0	0	0	0	0	0	0	0	0	0	-964.744	0	0	0	0	13.84	0	0
2021	6	28	18,924.57	19,044.52	23.366	0	0	0	0	0	0	0	0	0	0	128.584	0	0	-272.491	0	0.59	0	0	0
2021	6	29	19,076.30	19,044.52	8.629	0	0	0	0	0	0	0	0	0	0	5.233	0	0	0	0	17.775	0.147	0	0
2021	6	30	19,359.92	19,044.52	0	0	0	0	0	0	0	0	0	0	0	304.416	0	0	0	0	6.564	4.418	0	0
2021	7	1	19,449.12	19,044.52	0	0	0	0	0	0	0	0	0	402.969	0	0	0	0	0	0	0	1.631	0	0
2021	7	2	19,049.27	19,044.52	0	0	0	0	0	0	0	0	0	185.645	0	0	0	0	0	-180.897	0	0	0	0
2021	7	3	18,351.84	19,044.52	0	0	0	0	0	0	0	0	0	205.677	0	0	0	-898.36	0	0	0	0	0	0
2021	7	4	19,305.92	19,044.52	0	0	0	0	0	0	0	0	0	1,226.14	0	0	-964.744	0	0	0	0	0	0	0
2021	7	5	20,069.68	19,044.52	0	0	0	0	0	0	0	0	0	1,297.65	0	0	0	0	-272.491	0	0	0	0	0
2021	7	6	20,147.44	19,044.52	0	0	0	0	0	0	0	0	0	1,102.92	0	0	0	0	0	0	0	0	0	0
2021	7	7	19,812.02	19,044.52	0	0	0	0	0	0	0	0	0	767.505	0	0	0	0	0	0	0	0	0	0
2021	7	8	19,630.80	19,044.52	0	0	0	0	0	0	0	0	0	586.285	0	0	0	0	0	0	0	0	0	0
2021	7	9	19,305.26	19,044.52	0	0	0	0	0	0	0	0	0	441.636	0	0	0	0	0	-180.897	0	0	0	0
2021	7	10	18,620.64	19,044.52	2.327	0	0	0	0	0	0	0	0	472.149	0	0	0	-898.36	0	0	0	0	0	0
2021	7	11	18,343.13	19,044.52	0	0	0	0	0	0	0	0	0	261.581	0	0	-964.744	0	0	0	1.77	0	0	0
2021	7	12	19,221.56	19,044.52	0	0	0	0	0	0	0	0	0	449.089	0	0	0	0	-272.491	0	0	0.44	0	0
2021	7	13	19,722.35	19,044.52	0	0	0	0	0	0	0	0	0	677.827	0	0	0	0	0	0	0	0	0	0
2021	7	14	19,574.67	19,044.52	0	0	0	0	0	0	0	0	0	530.149	0	0	0	0	0	0	0	0	0	0
2021	7	15	19,697.42	19,044.52	0	0	0	0	0	0	0	0	0	652.903	0	0	0	0	0	0	0	0	0	0
2021	7	16	19,797.91	19																				

2021	7	19	19,541.16	19,044.52	0	0	0	0	0	0	0	0	0	769.135	0	0	0	0	-272.491	0	0	0	0
2021	7	20	20,093.17	19,044.52	0	0	0	0	0	0	0	0	0	1,048.65	0	0	0	0	0	0	0	0	0
2021	7	21	20,305.14	19,044.52	0	0	0	0	0	0	0	0	0	1,260.62	0	0	0	0	0	0	0	0	0
2021	7	22	19,849.29	19,044.52	0	0	0	0	0	0	0	0	0	804.774	0	0	0	0	0	0	0	0	0
2021	7	23	19,508.37	19,044.52	0	0	0	0	0	0	0	0	0	644.751	0	0	0	0	0	-180.897	0	0	0
2021	7	24	18,817.70	19,044.52	0	0	0	0	0	0	0	0	0	671.538	0	0	0	-898.36	0	0	0	0	0
2021	7	25	19,016.62	19,044.52	0	0	0	0	0	0	0	0	0	936.845	0	0	-964.744	0	0	0	0	0	0
2021	7	26	19,504.59	19,044.52	0	0	0	0	0	0	0	0	0	732.565	0	0	0	0	-272.491	0	0	0	0
2021	7	27	19,544.85	19,044.52	0	0	0	0	0	0	0	0	0	500.334	0	0	0	0	0	0	0	0	0
2021	7	28	19,690.43	19,044.52	0	0	0	0	0	0	0	0	0	645.915	0	0	0	0	0	0	0	0	0
2021	7	29	19,845.33	19,044.52	0	0	0	0	0	0	0	0	0	800.814	0	0	0	0	0	0	0	0	0
2021	7	30	19,819.10	19,044.52	0	0	0	0	0	0	0	0	0	955.479	0	0	0	0	0	-180.897	0	0	0
2021	7	31	19,643.67	19,044.52	0	0	0	0	0	0	0	0	0	1,497.51	0	0	0	-898.36	0	0	0	0	0
2021	8	1	19,442.75	19,044.52	0	0	0	0	0	0	0	0	1,362.97	0	0	0	-964.744	0	0	0	0	0	0
2021	8	2	19,800.98	19,044.52	0	0	0	0	0	0	0	0	1,028.95	0	0	0	0	0	-272.491	0	0	0	0
2021	8	3	19,936.23	19,044.52	0	0	0	0	0	0	0	0	891.714	0	0	0	0	0	0	0	0	0	0
2021	8	4	20,127.04	19,044.52	0	0	0	0	0	0	0	0	1,082.52	0	0	0	0	0	0	0	0	0	0
2021	8	5	19,989.11	19,044.52	0	0	0	0	0	0	0	0	944.587	0	0	0	0	0	0	0	0	0	0
2021	8	6	19,788.90	19,044.52	0	0	0	0	0	0	0	0	925.277	0	0	0	0	0	0	-180.897	0	0	0
2021	8	7	19,117.41	19,044.52	0	0	0	0	0	0	0	0	971.253	0	0	0	0	-898.36	0	0	0	0	0
2021	8	8	18,653.56	19,044.52	0	0	0	0	0	0	0	0	573.786	0	0	0	-964.744	0	0	0	0	0	0
2021	8	9	19,463.97	19,044.52	0	0	0	0	0	0	0	0	691.946	0	0	0	0	0	-272.491	0	0	0	0
2021	8	10	19,915.77	19,044.52	0	0	0	0	0	0	0	0	871.254	0	0	0	0	0	0	0	0	0	0
2021	8	11	19,682.67	19,044.52	0	0	0	0	0	0	0	0	638.154	0	0	0	0	0	0	0	0	0	0
2021	8	12	19,895.54	19,044.52	0	0	0	0	0	0	0	0	851.025	0	0	0	0	0	0	0	0	0	0
2021	8	13	19,513.96	19,044.52	0	0	0	0	0	0	0	0	650.337	0	0	0	0	0	0	-180.897	0	0	0
2021	8	14	19,129.37	19,044.52	0	0	0	0	0	0	0	0	983.207	0	0	0	0	-898.36	0	0	0	0	0
2021	8	15	18,767.35	19,044.52	0	0	0	0	0	0	0	0	687.578	0	0	0	-964.744	0	0	0	0	0	0
2021	8	16	19,511.79	19,044.52	0	0	0	0	0	0	0	0	739.762	0	0	0	0	0	-272.491	0	0	0	0
2021	8	17	19,587.27	19,044.52	0	0	0	0	0	0	0	0	542.752	0	0	0	0	0	0	0	0	0	0
2021	8	18	19,668.42	19,044.52	0	0	0	0	0	0	0	0	623.901	0	0	0	0	0	0	0	0	0	0
2021	8	19	19,914.19	19,044.52	0	0	0	0	0	0	0	0	869.675	0	0	0	0	0	0	0	0	0	0
2021	8	20	20,146.60	19,044.52	0	0	0	0	0	0	0	0	1,282.97	0	0	0	0	0	0	-180.897	0	0	0
2021	8	21	19,232.81	19,044.52	0	0	0	0	0	0	0	0	1,086.65	0	0	0	0	-898.36	0	0	0	0	0
2021	8	22	19,159.07	19,044.52	0	0	0	0	0	0	0	0	1,079.30	0	0	0	-964.744	0	0	0	0	0	0
2021	8	23	19,805.81	19,044.52	0	0	0	0	0	0	0	0	1,033.78	0	0	0	0	0	-272.491	0	0	0	0
2021	8	24	19,869.80	19,044.52	0	0	0	0	0	0	0	0	825.278	0	0	0	0	0	0	0	0	0	0
2021	8	25	19,655.55	19,044.52	0	0	0	0	0	0	0	0	611.027	0	0	0	0	0	0	0	0	0	0
2021	8	26	19,536.47	19,044.52	0	0	0	0	0	0	0	0	491.948	0	0	0	0	0	0	0	0	0	0
2021	8	27	19,657.18	19,044.52	0	0	0	0	0	0	0	0	793.554	0	0	0	0	0	0	-180.897	0	0	0
2021	8	28	18,942.93	19,044.52	0	0	0	0	0	0	0	0	796.772	0	0	0	0	-898.36	0	0	0	0	0
2021	8	29	18,691.26	19,044.52	0	0	0	0	0	0	0	0	611.487	0	0	0	-964.744	0	0	0	0	0	0
2021	8	30	19,522.36	19,044.52	0	0	0	0	0	0	0	0	750.336	0	0	0	0	0	-272.491	0	0	0	0
2021	8	31	19,527.96	19,044.52	0	0	0	0	0	0	0	0	483.443	0	0	0	0	0	0	0	0	0	0
2021	9	1	19,168.67	19,044.52	0	0	0	0	0	0	0	0	0	0	124.146	0	0	0	0	0	0	0	0
2021	9	2	19,118.37	19,044.52	25.305	0	0	0	0	0	0	0	0	0	48.549	0	0	0	0	0	0	0	0
2021	9	3	19,239.92	19,044.52	0	0	0	0	0	0	0	0	0	0	357.042	0	0	0	0	-180.897	19.251	0	0
2021	9	4	18,511.04	19,044.52	0	0	0	0	0	0	0	0	0	0	360.093	0	0	-898.36	0	0	0	4.784	0
2021	9	5	18,357.75	19,044.52	0	0	0	0	0	0	0	0	0	0	277.977	0	-964.744	0	0	0	0	0	0
2021	9	6	19,188.85	19,044.52	0	0	0	0	0	0	0	0	0	0	416.826	0	0	0	-272.491	0	0	0	0
2021	9	7	19,237.47	19,044.52	0	0	0	0	0	0	0	0	0	0	192.947	0	0	0	0	0	0	0	0
2021	9	8	19,300.11	19,044.52	0.776	0	0	0	0	0	0	0	0	0	254.812	0	0	0	0	0	0	0	0
2021	9	9	19,223.32	19,044.52	1.357	0	0	0	0	0	0	0	0	0	176.856	0	0	0	0	0	0.59	0	0
2021	9	10	19,099.50	19,044.52	0	0	0	0	0	0	0	0	0	0	234.699	0	0	0	0	-180.897	1.033	0.147	0

2022 LFR CA IR-14 Attachment 1 Page 53 of 57

2021	9	11	18,292.48	19,044.52	0	0	0	0	0	0	0	0	0	0	146.063	0	0	-898.36	0	0	0	0.257	0	
2021	9	12	18,203.09	19,044.52	0	0	0	0	0	0	0	0	0	0	123.314	0	-964.744	0	0	0	0	0	0	
2021	9	13	18,792.30	19,044.52	11.537	0	0	0	0	0	0	0	0	0	8.739	0	0	0	-272.491	0	0	0	0	
2021	9	14	19,200.23	19,044.52	10.859	0	0	0	0	0	0	0	0	0	136.075	0	0	0	0	0	8.777	0	0	
2021	9	15	19,169.41	19,044.52	46.343	0	0	0	0	0	0	0	0	0	68.107	0	0	0	0	0	8.261	2.181	0	
2021	9	16	19,227.00	19,044.52	29.764	0	0	0	0	0	0	0	0	0	115.407	0	0	0	0	0	35.256	2.053	0	
2021	9	17	19,129.55	19,044.52	100.249	0	0	0	0	0	0	0	0	0	134.272	0	0	0	0	-180.897	22.643	8.762	0	
2021	9	18	18,515.11	19,044.52	84.542	0	0	0	0	0	0	0	0	0	202.518	0	0	-898.36	0	0	76.264	5.628	0	
2021	9	19	18,413.03	19,044.52	185.276	0	0	0	0	0	0	0	0	0	64.709	0	-964.744	0	0	0	64.316	18.954	0	
2021	9	20	19,150.42	19,044.52	99.667	0	0	0	0	0	0	0	0	0	121.788	0	0	0	-272.491	0	140.949	15.985	0	
2021	9	21	19,284.95	19,044.52	53.421	0	0	0	0	0	0	0	0	0	76.152	0	0	0	0	0	75.822	35.031	0	
2021	9	22	19,232.95	19,044.52	56.814	0	0	0	0	0	0	0	0	0	72.13	0	0	0	0	0	40.64	18.844	0	
2021	9	23	19,187.22	19,044.52	15.028	0	0	0	0	0	0	0	0	0	74.349	0	0	0	0	0	43.221	10.101	0	
2021	9	24	19,087.94	19,044.52	202.146	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-180.897	11.432	10.742	0	
2021	9	25	18,656.60	19,044.52	244.514	0	0	0	0	0	0	0	0	0	109.304	0	0	-898.36	0	0	153.783	2.841	0	
2021	9	26	18,626.44	19,044.52	101.606	0	0	0	0	0	0	0	0	0	220.828	0	-964.744	0	0	0	186.014	38.221	0	
2021	9	27	18,936.08	19,044.52	40.526	0	0	0	0	0	0	0	0	0	0	0	0	0	-272.491	0	77.297	46.231	0	
2021	9	28	19,245.36	19,044.52	97.534	0	0	0	0	0	0	0	0	0	53.265	0	0	0	0	0	30.83	19.211	0	
2021	9	29	19,281.34	19,044.52	58.559	0	0	0	0	0	0	0	0	0	96.404	0	0	0	0	0	74.199	7.662	0	
2021	9	30	19,408.59	19,044.52	195.941	0	0	0	0	0	0	0	0	0	105.143	0	0	0	0	0	44.549	18.441	0	
2021	10	1	19,264.14	19,044.52	137.284	0	0	0	0	0	103.098	0	0	0	0	0	0	0	0	-180.897	149.062	11.072	0	
2021	10	2	18,699.83	19,044.52	235.4	0	0	0	0	0	176.782	0	0	0	0	0	0	-898.36	0	0	104.44	37.047	0	
2021	10	3	18,863.19	19,044.52	330.317	0	0	0	0	0	248.062	0	0	0	0	0	0	-964.744	0	0	179.081	25.957	0	
2021	10	4	19,602.75	19,044.52	305.497	0	0	0	0	0	229.423	0	0	0	0	0	0	0	0	-272.491	0	251.289	44.508	0
2021	10	5	19,970.22	19,044.52	360.275	0	0	0	0	0	270.561	0	0	0	0	0	0	0	0	0	0	232.407	62.454	0
2021	10	6	20,097.51	19,044.52	411.853	0	0	0	0	0	309.295	0	0	0	0	0	0	0	0	0	0	274.08	57.762	0
2021	10	7	19,813.35	19,044.52	221.245	0	0	0	0	0	166.152	0	0	0	0	0	0	0	0	0	0	313.319	68.119	0
2021	10	8	19,439.14	19,044.52	188.087	0	0	0	0	0	141.251	0	0	0	0	0	0	0	0	-180.897	168.313	77.871	0	
2021	10	9	18,968.20	19,044.52	363.862	0	0	0	0	0	273.255	0	0	0	0	0	0	0	-898.36	0	0	143.088	41.832	0
2021	10	10	18,807.89	19,044.52	237.436	0	0	0	0	0	178.311	0	0	0	0	0	0	-964.744	0	0	0	276.809	35.563	0
2021	10	11	19,934.10	19,044.52	521.216	0	0	0	0	0	391.425	0	0	0	0	0	0	0	0	-272.491	0	180.63	68.797	0
2021	10	12	20,750.66	19,044.52	722.295	0	0	0	0	0	542.432	0	0	0	0	0	0	0	0	0	0	396.516	44.893	0
2021	10	13	20,944.38	19,044.52	714.926	0	0	0	0	0	536.898	0	0	0	0	0	0	0	0	0	0	549.488	98.549	0
2021	10	14	20,495.18	19,044.52	439.873	0	0	0	0	0	330.337	0	0	0	0	0	0	0	0	0	0	543.882	136.568	0
2021	10	15	19,858.84	19,044.52	300.067	0	0	0	0	0	225.346	0	0	0	0	0	0	0	0	-180.897	334.634	135.174	0	
2021	10	16	19,051.77	19,044.52	339.333	0	0	0	0	0	254.834	0	0	0	0	0	0	0	-898.36	0	0	228.277	83.169	0
2021	10	17	19,243.81	19,044.52	484.955	0	0	0	0	0	364.194	0	0	0	0	0	0	-964.744	0	0	0	258.149	56.735	0
2021	10	18	20,518.74	19,044.52	750.217	0	0	0	0	0	563.401	0	0	0	0	0	0	0	0	-272.491	0	368.931	64.159	0
2021	10	19	20,969.12	19,044.52	720.84	0	0	0	0	0	541.34	0	0	0	0	0	0	0	0	0	0	570.73	91.693	0
2021	10	20	20,412.61	19,044.52	387.131	0	0	0	0	0	290.729	0	0	0	0	0	0	0	0	0	0	548.381	141.847	0
2021	10	21	20,379.81	19,044.52	516.562	0	0	0	0	0	387.93	0	0	0	0	0	0	0	0	0	0	294.511	136.293	0
2021	10	22	20,592.31	19,044.52	721.034	0	0	0	0	0	541.485	0	0	0	0	0	0	0	0	-180.897	392.976	73.197	0	
2021	10	23	19,888.00	19,044.52	625.73	0	0	0	0	0	469.913	0	0	0	0	0	0	0	-898.36	0	0	548.529	97.669	0
2021	10	24	19,942.09	19,044.52	713.86	0	0	0	0	0	536.097	0	0	0	0	0	0	-964.744	0	0	0	476.026	136.329	0
2021	10	25	21,234.58	19,044.52	1,028.66	0	0	0	0	0	772.51	0	0	0	0	0	0	0	0	-272.491	0	543.071	118.31	0
2021	10	26	22,147.40	19,044.52	1,248.07	0	0	0	0	0	937.279	0	0	0	0	0	0	0	0	0	0	782.559	134.973	0
2021	10	27	22,511.76	19,044.52	1,326.84	0	0	0	0	0	996.436	0	0	0	0	0	0	0	0	0	0	949.47	194.494	0
2021	10	28	22,623.27	19,044.52	1,332.61	0	0	0	0	0	1,000.77	0	0	0	0	0	0	0	0	0	0	1,009.40	235.978	0
2021	10	29	21,614.55	19,044.52	848.818	0	0	0	0	0	637.448	0	0	0	0	0	0	0	0	-180.897	1,013.79	250.872	0	
2021	10	30	20,821.61	19,044.52	1,015.29	0	0	0	0	0	762.463	0	0	0	0	0	0	0	-898.36	0	0	645.74	251.963	0
2021	10	31	21,098.43	19,044.52	1,191.21	0	0	0	0	0	894.576	0	0	0	0	0	0	-964.744	0	0	0	772.38	160.49	0
2021	11	1	22,114.73	19,044.52	897.391	0	0	0	0	0	0	1,347.14	0	0	0	0	0	0	0	-272.491	0	906.212	191.965	0
2021	11	2	21,888.03	19,044.52	773.873	0	0	0	0	0	0	1,161.72	0	0	0	0	0	0	0	0	0	682.692	225.227	0
2021	11	3	23,025.67	19,044.52	1,288.50	0	0	0	0	0	0	1,934.26	0	0	0	0	0	0	0	0	0	588.726	169.674	0

2021	11	4	24,467.00	19,044.52	1,720.52	-7.379	0	0	0	0	0	2,582.79	0	0	0	0	0	0	0	0	980.227	146.32	0
2021	11	5	24,613.47	19,044.52	1,678.15	0	0	0	0	0	0	2,519.19	0	0	0	0	0	0	0	-180.897	1,308.89	243.622	0
2021	11	6	22,345.24	19,044.52	1,038.36	0	0	0	0	0	0	1,558.76	0	0	0	0	0	-898.36	0	0	1,276.66	325.306	0
2021	11	7	21,510.83	19,044.52	929.094	0	0	0	0	0	0	1,394.73	0	0	0	0	-964.744	0	0	0	789.935	317.295	0
2021	11	8	23,729.92	19,044.52	1,621.14	0	0	0	0	0	0	2,433.61	0	0	0	0	0	0	-272.491	0	706.811	196.327	0
2021	11	9	24,573.84	19,044.52	1,650.52	-7.865	0	0	0	0	0	2,477.71	0	0	0	0	0	0	0	0	1,233.29	175.668	0
2021	11	10	24,018.57	19,044.52	1,364.12	0	0	0	0	0	0	2,047.78	0	0	0	0	0	0	0	0	1,255.64	306.516	0
2021	11	11	23,959.00	19,044.52	1,426.94	-4.379	0	0	0	0	0	2,142.09	0	0	0	0	0	0	0	0	1,037.76	312.071	0
2021	11	12	23,908.05	19,044.52	1,484.05	-10.906	0	0	0	0	0	2,227.82	0	0	0	0	0	0	0	-180.897	1,085.55	257.92	0
2021	11	13	23,640.97	19,044.52	1,642.95	-13.298	0	0	0	0	0	2,466.36	0	0	0	0	0	-898.36	0	0	1,128.99	269.799	0
2021	11	14	24,572.92	19,044.52	1,992.37	-20.596	0	0	0	0	0	2,990.89	0	0	0	0	-964.744	0	0	0	1,249.88	280.596	0
2021	11	15	25,246.90	19,044.52	1,875.45	-42.287	0	0	0	0	0	2,815.37	0	0	0	0	0	0	-272.491	0	1,515.70	310.641	0
2021	11	16	25,584.99	19,044.52	1,898.18	-10.663	0	0	0	0	0	2,849.50	0	0	0	0	0	0	0	0	1,426.75	376.707	0
2021	11	17	25,477.09	19,044.52	1,860.71	-20.029	0	0	0	0	0	2,793.25	0	0	0	0	0	0	0	0	1,444.05	354.599	0
2021	11	18	26,031.69	19,044.52	2,084.96	-2.108	0	0	0	0	0	3,129.89	0	0	0	0	0	0	0	0	1,415.54	358.898	0
2021	11	19	25,797.03	19,044.52	1,998.28	-2.595	0	0	0	0	0	2,999.77	0	0	0	0	0	0	0	-180.897	1,586.14	351.813	0
2021	11	20	24,458.68	19,044.52	1,760.75	-5.838	0	0	0	0	0	2,643.19	0	0	0	0	0	-898.36	0	0	1,520.20	394.213	0
2021	11	21	24,763.14	19,044.52	1,985.49	0	0	0	0	0	0	2,980.56	0	0	0	0	-964.744	0	0	0	1,339.50	377.825	0
2021	11	22	26,183.63	19,044.52	2,263.79	-93.899	0	0	0	0	0	3,398.34	0	0	0	0	0	0	-272.491	0	1,510.46	332.913	0
2021	11	23	26,496.70	19,044.52	2,172.31	-78.736	0	0	0	0	0	3,261.02	0	0	0	0	0	0	0	0	1,722.18	375.405	0
2021	11	24	26,979.12	19,044.52	2,350.51	-25.056	0	0	0	0	0	3,528.53	0	0	0	0	0	0	0	0	1,652.59	428.025	0
2021	11	25	26,821.93	19,044.52	2,254.14	-59.478	0	0	0	0	0	3,383.86	0	0	0	0	0	0	0	0	1,788.16	410.729	0
2021	11	26	25,849.02	19,044.52	1,929.55	0	0	0	0	0	0	2,896.58	0	0	0	0	0	0	0	-180.897	1,714.84	444.422	0
2021	11	27	24,761.84	19,044.52	1,892.46	-11.798	0	0	0	0	0	2,840.91	0	0	0	0	0	-898.36	0	0	1,467.91	426.201	0
2021	11	28	25,199.98	19,044.52	2,143.57	-45.754	0	0	0	0	0	3,217.87	0	0	0	0	-964.744	0	0	0	1,439.69	364.828	0
2021	11	29	27,316.94	19,044.52	2,646.02	-61.789	0	0	0	0	0	3,972.14	0	0	0	0	0	0	-272.491	0	1,630.72	357.816	0
2021	11	30	28,365.74	19,044.52	2,820.39	-151.328	0	0	0	0	0	4,233.89	0	0	0	0	0	0	0	0	2,012.97	405.294	0
2021	12	1	27,735.69	19,044.52	2,221.66	-103.792	0	0	0	0	0	0	3,927.39	0	0	0	0	0	0	0	2,145.62	500.296	0
2021	12	2	27,480.90	19,044.52	2,259.57	-40.99	0	0	0	0	0	0	3,994.40	0	0	0	0	0	0	0	1,690.14	533.264	0
2021	12	3	25,803.56	19,044.52	1,734.57	0	0	0	0	0	0	0	3,066.33	0	0	0	0	0	0	-180.897	1,718.97	420.06	0
2021	12	4	26,438.09	19,044.52	2,364.76	0	0	0	0	0	0	0	4,180.36	0	0	0	0	0	-898.36	0	1,319.58	427.227	0
2021	12	5	26,965.12	19,044.52	2,480.72	-107.684	0	0	0	0	0	0	4,385.34	0	0	0	0	-964.744	0	0	1,799.00	327.964	0
2021	12	6	26,873.30	19,044.52	2,103.38	-54.734	0	0	0	0	0	0	3,718.29	0	0	0	0	0	0	-272.491	1,887.21	447.117	0
2021	12	7	28,092.19	19,044.52	2,541.39	-55.504	0	0	0	0	0	0	4,492.59	0	0	0	0	0	0	0	1,600.15	469.041	0
2021	12	8	29,623.87	19,044.52	3,056.22	-210.624	0	0	0	0	0	0	5,402.69	0	0	0	0	0	0	0	1,933.37	397.696	0
2021	12	9	29,643.91	19,044.52	2,883.94	-188.244	0	0	0	0	0	0	5,098.15	0	0	0	0	0	0	0	2,325.03	480.512	0
2021	12	10	28,135.63	19,044.52	2,388.23	-109.873	0	0	0	0	0	0	4,221.84	0	0	0	0	0	0	-180.897	2,193.97	577.853	0
2021	12	11	27,990.81	19,044.52	2,777.88	-206.002	0	0	0	0	0	0	4,910.65	0	0	0	0	0	-898.36	0	1,816.85	545.28	0
2021	12	12	28,669.25	19,044.52	2,984.48	-235.721	0	0	0	0	0	0	5,275.88	0	0	0	0	-964.744	0	0	2,113.28	451.553	0
2021	12	13	29,461.12	19,044.52	2,931.06	-219.098	0	0	0	0	0	0	5,181.44	0	0	0	0	0	0	-272.491	2,270.45	525.226	0
2021	12	14	29,939.54	19,044.52	2,985.65	-162.661	0	0	0	0	0	0	5,277.94	0	0	0	0	0	0	0	2,229.81	564.29	0
2021	12	15	29,785.84	19,044.52	2,915.55	-153.782	0	0	0	0	0	0	5,154.02	0	0	0	0	0	0	0	2,271.34	554.189	0
2021	12	16	31,750.03	19,044.52	3,723.07	-381.597	0	0	0	0	0	0	6,581.52	0	0	0	0	0	0	0	2,218.01	564.51	0
2021	12	17	32,042.04	19,044.52	3,648.12	-302.334	0	0	0	0	0	0	6,449.04	0	0	0	0	0	0	-180.897	2,832.33	551.256	0
2021	12	18	29,244.61	19,044.52	2,813.75	-168.621	0	0	0	0	0	0	4,974.06	0	0	0	0	0	-898.36	0	2,775.32	703.937	0
2021	12	19	29,685.67	19,044.52	3,238.11	-186.785	0	0	0	0	0	0	5,724.23	0	0	0	0	-964.744	0	0	2,140.57	689.767	0
2021	12	20	30,647.22	19,044.52	3,261.09	-146.16	0	0	0	0	0	0	5,764.85	0	0	0	0	0	0	-272.491	2,463.40	532.009	0
2021	12	21	29,481.67	19,044.52	2,676.47	-63.816	0	0	0	0	0	0	4,731.38	0	0	0	0	0	0	0	2,480.88	612.244	0
2021	12	22	28,340.81	19,044.52	2,429.24	-79.993	0	0	0	0	0	0	4,294.33	0	0	0	0	0	0	0	2,036.13	616.589	0
2021	12	23	29,146.53	19,044.52	2,804.01	-12.933	0	0	0	0	0	0	4,956.84	0	0	0	0	0	0	0	1,848.05	506.052	0
2021	12	24	28,777.91	19,044.52	2,682.19	-101.846	0	0	0	0	0	0	4,741.49	0	0	0	0	0	0	-180.897	2,133.16	459.307	0
2021	12	25	28,599.07	19,044.52	2,941.44	-258.952	0	0	0	0	0	0	5,199.78	0	0	0	0	0	-898.36	0	2,040.48	530.166	0
2021	12	26	29,932.80	19,044.52	3,419.31	-355.689	0	0	0	0	0	0	6,044.56	0	0	0	0	-964.744	0	0	2,237.71	507.133	0
2021	12	27	31,034.12	19,044.52	3,370.55	-224.206	0	0	0	0	0	0	5,958.35	0	0	0	0	0	0	-272.491	2,601.25	556.151	0

2021	12	28	30,890.22	19,044.52	3,224.83	-290.536	0	0	0	0	0	0	5,700.75	0	0	0	0	0	0	0	2,564.15	646.505	0
2021	12	29	31,166.19	19,044.52	3,353.39	-250.317	0	0	0	0	0	0	5,928.02	0	0	0	0	0	0	0	2,453.30	637.285	0
2021	12	30	32,211.89	19,044.52	3,739.16	-342.594	0	0	0	0	0	0	6,609.97	0	0	0	0	0	0	0	2,551.10	609.733	0
2021	12	31	32,676.35	19,044.52	3,906.84	-479.125	0	0	0	0	0	0	6,906.39	0	0	0	0	0	0	-180.897	2,844.58	634.04	0

Variable	Coefficient	StdErr	T-Stat	P-Value	Units	Definition
CONST	19044.52	56.624	336.331	0.00%		Constant term
Daily.HDD13	232.686	19.106	12.179	0.00%		
Daily.HDD0	-97.305	21.585	-4.508	0.00%		
Daily.JanHDD13	424.273	18.77	22.604	0.00%		
Daily.FebHDD13	403.966	18.717	21.582	0.00%		
Daily.MarHDD13	301.64	18.412	16.382	0.00%		
Daily.AprHDD13	180.936	19.128	9.459	0.00%		
Daily.OctHDD13	174.743	25.322	6.901	0.00%		
Daily.NovHDD13	349.301	19.086	18.301	0.00%		
Daily.DecHDD13	411.335	18.481	22.257	0.00%		
Daily.AugCDD18	551.718	37.037	14.896	0.00%		
Daily.JulCDD18	559.032	37.188	15.032	0.00%		
Daily.SepCDD18	332.906	103.163	3.227	0.13%		
Daily.JunCDD18	358.84	118.292	3.034	0.25%		
Daily.Sun	-964.744	76.652	-12.586	0.00%		
Daily.Sat	-898.36	76.893	-11.683	0.00%		
Daily.Mon	-272.491	76.293	-3.572	0.04%		
Daily.Fri	-180.897	76.76	-2.357	1.86%		
Daily.LagHDD13	177.016	10.146	17.446	0.00%		
Daily.Lag2HDD13	43.995	8.477	5.19	0.00%		

Model Statistics

Iterations	1
Adjusted Observation:	1092
Deg. of Freedom for E	1072
R-Squared	0.977
Adjusted R-Squared	0.976
AIC	13.446
BIC	13.538
F-Statistic	2351.015
Prob (F-Statistic)	0
Log-Likelihood	-8,871.01
Model Sum of Square:	30,315,512,952.91
Sum of Squared Errors:	727,529,713.65
Mean Squared Error	678,665.78
Std. Error of Regressic	823.81
Mean Abs. Dev. (MAD	635.62
Mean Abs. % Err. (MA	2.67%
Durbin-Watson Statist	1.099
Durbin-H Statistic	#NA
Ljung-Box Statistic	444.68
Prob (Ljung-Box)	0
Skewness	0.193
Kurtosis	3.862
Jarque-Bera	40.582
Prob (Jarque-Bera)	0

Variable Coefficients

Month HDD13	HDD 13	HDD0	lag1	lag2
424.273	232.686		-97.305	177.016
				43.995

Summary
 Jan 2021 heating load 374,860 MWh
 Normal heating load 416,593 MWh
 2021 Variance to Normal (41,732) MWh

January-21							
Day	Actual HDD 0	Actual HDD 13	Load from Jan HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2
-2	3.5	16.5					
-1	0.0	7.8					
1	0.6	13.6	5768	3164	-58	1386	728
2	0.5	13.5	5714	3134	-45	2407	344
3	0.8	13.8	5855	3211	-78	2384	598
4	0.0	12.8	5450	2989	0	2443	592
5	0.0	11.5	4883	2678	0	2274	607
6	0.0	11.5	4865	2668	0	2037	565
7	0.0	12.0	5084	2788	0	2030	506
8	1.8	14.8	6292	3451	-178	2121	504
9	1.3	14.3	6051	3319	-123	2625	527
10	1.1	14.1	5973	3276	-105	2525	652
11	1.0	14.0	5952	3264	-100	2492	627
12	0.0	11.1	4690	2572	0	2483	619
13	0.9	13.9	5892	3231	-86	1957	617
14	0.0	10.4	4400	2413	0	2458	486
15	0.0	12.2	5189	2846	0	1836	611
16	0.3	13.3	5625	3085	-25	2165	456
17	0.0	8.1	3426	1879	0	2347	538
18	0.0	9.4	3986	2186	0	1429	583
19	2.4	15.4	6537	3585	-234	1663	355
20	4.1	17.1	7243	3972	-396	2728	413
21	5.6	18.6	7904	4335	-548	3022	678
22	3.1	16.1	6817	3738	-298	3298	751
23	5.1	18.1	7697	4221	-500	2844	820
24	5.4	18.4	7821	4289	-529	3211	707
25	0.7	13.7	5813	3188	-68	3263	798
26	0.0	12.6	5335	2926	0	2425	811
27	0.4	13.4	5666	3107	-34	2226	603
28	2.0	15.0	6350	3483	-191	2364	553
29	3.4	16.4	6953	3813	-330	2649	588
30	5.5	18.5	7842	4301	-534	2901	658
31	4.8	17.8	7572	4152	-472	3272	721

January Normal							
Month	Day	HDD0	HDD13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Total Heating Load (MWh)
12	30	3.5	16.1				
12	31	4.9	16.8				
1	1	3.0	14.8	6279	3444	-292	2972
1	2	5.0	17.2	7281	3993	-485	2620
1	3	5.1	17.2	7314	4012	-493	3038
1	4	3.0	14.9	6309	3460	-292	3052
1	5	1.6	13.5	5745	3151	-155	2632
1	6	4.5	17.0	7225	3963	-441	2397
1	7	5.0	17.8	7552	4142	-490	3015
1	8	4.7	17.3	7357	4035	-455	3151
1	9	3.5	15.9	6742	3697	-338	3069
1	10	2.3	14.4	6118	3355	-220	2813
1	11	1.7	12.2	5172	2836	-162	2553
1	12	2.1	12.4	5244	2876	-201	2158
1	13	2.0	12.3	5210	2857	-194	2188
1	14	4.1	15.7	6644	3644	-401	2174
1	15	4.5	16.8	7115	3902	-440	2772
1	16	3.7	16.3	6894	3781	-361	2969
1	17	4.1	16.5	7013	3846	-398	2877
1	18	5.0	17.3	7353	4022	-483	2926
1	19	3.6	15.6	6597	3618	-352	3068
1	20	1.8	14.0	5931	3253	-172	2753
1	21	4.3	17.1	7268	3986	-414	2475
1	22	7.2	20.2	8583	4707	-704	3032
1	23	5.7	18.7	7951	4361	-559	3581
1	24	4.5	15.4	6551	3593	-437	3317
1	25	4.0	15.4	6517	3574	-390	2733
1	26	3.4	15.7	6640	3642	-334	2719
1	27	2.2	14.0	5923	3248	-209	2770
1	28	1.8	14.0	5927	3251	-177	2471
1	29	3.7	16.2	6873	3770	-357	2473
1	30	3.2	16.0	6767	3711	-311	2868
1	31	3.1	15.0	6343	3479	-298	2823

HDD	CDD	2018					
31	653.56	0	CONST	21647.659	72.618	298.105	0.00% Jan
28	593.83	0	Daily-JanHDD18	584.003	7.033	83.037	0.00% Feb
31	557.82	0.21	Daily-FebHDD18	572.314	7.369	77.661	0.00% Mar
30	393.94	0	Daily-MarHDD18	513.035	7.903	64.92	0.00% Apr
31	253.17	0.92	Daily-AprHDD18	373.767	11.072	33.758	0.00% May
30	125.8	3.61	Daily-MayHDD18	155.024	17.186	9.02	0.00% Jun
31	22.12	34.94	Daily-JuneHDD18	183.535	20.394	9	0.00% Jul
31	9.35	44	Daily-NovHDD18	420.274	11.675	35.999	0.00% Aug
30	69.58	14.42	Daily-DecHDD18	543.214	8.219	66.091	0.00% Sep
31	222.3	0.87	Daily-JulCDD18	432.801	70.207	6.165	0.00% Oct
30	378.08	0	Daily-AugCDD18	542.094	88.275	6.141	0.00% Nov
31	546.12	0	Daily-SepCDD18	437.204	137.172	3.187	0.15% Dec
2019							
			Daily-JanHDD18	367.681	31.909	11.523	0.00% Jan
			Daily-FebHDD18	564.454	29.56	19.095	0.00% Feb
			Daily-MarHDD18	514.938	39.382	13.075	0.00% Mar
			Daily-AprHDD18	528.892	42.286	12.508	0.00% Apr
			Daily-MayHDD18	293.251	52.643	5.571	0.00% May
			Daily-JuneHDD18	255.927	42.876	6.202	0.00% Jun
			Daily-NovHDD18	486.822	39.57	12.303	0.00% Jul
			Daily-DecHDD18	617.645	27.968	22.084	0.00% Aug
			Daily-JulCDD18	367.831	129.096	2.849	0.45% Sep
			Daily-AugCDD18	412.608	133.795	3.084	0.21% Oct
			Daily-SepCDD18	469.744	150.75	3.116	0.19% Nov
			Daily-Jan	26795.9	686.899	39.01	0.00% Dec
			Daily-Feb	22503.377	650.187	34.611	0.00%
			Daily-Mar	22590.347	783.236	28.842	0.00%
			Daily-Apr	20009.823	606.467	32.994	0.00%
			Daily-May	20884.228	450.698	46.338	0.00%
			Daily-Jun	22207.311	155.47	142.84	0.00%
			Daily-Jul	22349.096	189.709	117.807	0.00%
			Daily-Aug	22675.46	256.629	88.359	0.00%
			Daily-Sep	22469.15	186.045	120.772	0.00%
			Daily-Oct	21903.969	320.649	68.311	0.00%
			Daily-Nov	21606.185	507.871	42.543	0.00%
			Daily-Dec	21504.333	520.882	41.284	0.00%

Variable Coefficients	Month	HDD13	HDD 13	HDD0	lag1	lag2
		403.966	232.686	-97.305	177.016	43.995

Summary	
Feb 2021 heating load	344558 MWh
Normal heating load	367348 MWh
2021 Varinace to Normal	-22790 MWh

February-21								
Day	Actual HDD 0	Actual HDD 13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)
-2	5.5	18.5						
-1	4.8	17.8						
1	2.2	15.2	6147	3541	-216	3159	813	13444
2	0.0	10.5	4225	2434	0	2694	785	10137
3	0.0	6.4	2594	1494	0	1851	669	6609
4	0.0	10.5	4260	2454	0	1137	460	8311
5	0.0	11.1	4477	2579	0	1867	282	9205
6	0.0	8.3	3368	1940	0	1962	464	7734
7	1.4	14.4	5824	3355	-138	1476	488	11004
8	2.2	15.2	6159	3547	-219	2552	367	12407
9	6.1	19.1	7724	4449	-596	2699	634	14911
10	7.3	20.3	8184	4714	-706	3385	671	16247
11	7.5	20.5	8273	4765	-728	3586	841	16738
12	7.2	20.2	8145	4692	-697	3625	891	16656
13	4.5	17.5	7059	4066	-435	3569	901	15160
14	4.0	17.0	6867	3956	-389	3093	887	14414
15	2.1	15.1	6090	3508	-202	3009	769	13174
16	0.0	12.1	4903	2824	0	2669	748	11144
17	0.0	12.9	5228	3011	0	2149	663	11051
18	5.8	18.8	7601	4378	-566	2291	534	14239
19	4.4	17.4	7031	4050	-429	3331	569	14552
20	5.0	18.0	7270	4187	-486	3081	828	14880
21	4.6	17.6	7101	4090	-446	3186	766	14697
22	2.0	15.0	6046	3483	-191	3112	792	13241
23	0.0	10.0	4056	2337	0	2649	773	9816
24	0.0	10.4	4216	2429	0	1778	658	9081
25	0.0	10.4	4215	2428	0	1848	442	8932
26	6.3	19.3	7805	4496	-615	1847	459	13992
27	2.3	15.3	6181	3560	-224	3420	459	13396
28	0.0	9.2	3700	2131	0	2708	850	9389
29			0	0	0	1621	673	2294

February Normal								Total Heating Load (MWh)
Month	Day	HDD0	HDD13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load From lag2
	1	3.2	16.0					
	1	3.1	15.0					
	2	3.2	15.6	6282	3618	-308	2646	702
	2	4.0	16.3	6589	3795	-385	2753	658
	2	5.0	17.9	7219	4158	-483	2887	684
	2	4	15.4	6221	3583	-331	3163	718
	2	5	14.7	5926	3414	-294	2726	786
	2	6	17.2	6944	4000	-422	2597	678
	2	7	16.5	6674	3844	-391	3043	645
	2	8	16.9	6835	3937	-424	2924	756
	2	9	18.2	7364	4242	-509	2995	727
	2	10	17.2	6940	3998	-432	3227	744
	2	11	17.4	7017	4042	-509	3041	802
	2	12	17.1	6888	3967	-473	3075	756
	2	13	17.6	7094	4086	-473	3018	764
	2	14	16.9	6815	3925	-435	3108	750
	2	15	16.3	6568	3783	-370	2986	773
	2	16	14.1	5688	3276	-230	2878	742
	2	17	14.4	5813	3348	-255	2492	715
	2	18	15.6	6310	3635	-275	2547	619
	2	19	13.6	5498	3167	-151	2765	633
	2	20	14.9	6023	3469	-266	2409	687
	2	21	15.1	6092	3509	-307	2639	599
	2	22	13.2	5316	3062	-125	2669	656
	2	23	14.8	5995	3453	-273	2330	663
	2	24	14.2	5720	3295	-260	2627	579
	2	25	12.1	4872	2806	-116	2507	653
	2	26	14.4	5829	3358	-275	2135	623
	2	27	17.1	6896	3972	-421	2554	531
	2	28	15.1	6096	3511	-278	3022	635
	2	29	15.2	6148	3541	-314	2671	751

Variable Coefficients	Month HDD13	HDD 13	HDD0	lag1	lag2
	301.64	232.686	-97.305	177.016	43.995

Summary
 Mar 2021 heating load
 Normal heating load
 2021 Varinace to Normal

282880 MWh
 304810 MWh
 -21930 MWh

Day	March-21								March Normal								Total Heating Load (MWh)	
	Actual HDD 0	Actual HDD 13	Load from Mar HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)	Month	Day	HDD0	HDD13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1		Load from lag2
-2	2.3	15.3							2	27	4.3	17.1						
-1	0.0	9.2							2	28	2.9	15.1						
1	0.0	11.8	3561	2747	0	1621	673	8602	3	1	2.4	14.6	4389	3386	-235	2671	751	10962
2	6.7	19.7	5954	4593	-656	2090	403	12383	3	2	1.1	12.9	3894	3004	-106	2576	664	10032
3	3.0	16.0	4834	3729	-294	3494	519	12281	3	3	3.4	15.3	4624	3567	-334	2285	640	10783
4	0.1	13.1	3945	3043	-8	2837	868	10686	3	4	3.9	15.7	4724	3644	-380	2714	568	11269
5	5.1	18.1	5445	4200	-491	2315	705	12173	3	5	2.7	15.0	4528	3493	-265	2772	674	11202
6	3.8	16.8	5057	3901	-367	3195	575	12363	3	6	3.8	16.0	4823	3721	-366	2657	689	11524
7	1.4	14.4	4329	3339	-131	2968	794	11298	3	7	2.9	15.2	4579	3532	-285	2830	660	11317
8	2.6	15.6	4717	3639	-257	2540	738	11377	3	8	1.1	12.2	3680	2839	-102	2687	703	9807
9	0.8	13.8	4164	3212	-78	2768	631	10697	3	9	0.9	12.8	3846	2967	-84	2160	668	9556
10	0.0	11.8	3557	2744	0	2444	688	9432	3	10	1.6	14.0	4208	3246	-154	2257	537	10094
11	0.0	9.3	2799	2159	0	2087	607	7653	3	11	1.5	13.0	3912	3018	-145	2469	561	9816
12	0.0	3.8	1154	890	0	1643	519	4205	3	12	1.6	12.9	3891	3002	-159	2296	614	9644
13	0.0	10.9	3293	2540	0	677	408	6918	3	13	1.4	12.4	3728	2876	-136	2284	571	9322
14	2.7	15.7	4724	3644	-259	1932	168	10211	3	14	1.7	13.4	4045	3120	-168	2188	568	9752
15	8.8	21.8	6569	5068	-854	2773	480	14036	3	15	0.6	12.7	3840	2962	-62	2374	544	9657
16	9.1	22.1	6670	5145	-887	3855	689	15473	3	16	1.1	12.8	3852	2971	-106	2253	590	9561
17	1.5	14.5	4379	3378	-148	3914	958	12481	3	17	2.3	14.3	4304	3320	-226	2260	560	10220
18	0.0	9.7	2936	2265	0	2570	973	8743	3	18	2.5	14.2	4268	3293	-244	2526	562	10404
19	4.5	17.5	5290	4081	-442	1723	639	11291	3	19	2.6	14.7	4431	3418	-255	2505	628	10727
20	1.4	14.4	4350	3356	-138	3104	428	11100	3	20	1.2	12.6	3798	2930	-115	2600	623	9835
21	0.0	7.5	2264	1746	0	2553	772	7334	3	21	0.3	10.8	3270	2522	-28	2229	646	8639
22	0.0	5.0	1517	1170	0	1328	634	4650	3	22	0.8	11.7	3514	2711	-82	1919	554	8616
23	0.0	6.9	2070	1597	0	890	330	4887	3	23	2.0	13.3	4021	3102	-192	2062	477	9470
24	0.0	7.3	2202	1699	0	1215	221	5337	3	24	2.0	14.1	4253	3281	-195	2360	513	10212
25	0.0	9.2	2771	2138	0	1292	302	6503	3	25	0.8	12.7	3816	2943	-75	2496	586	9767
26	0.0	6.8	2049	1580	0	1626	321	5576	3	26	0.7	13.0	3915	3020	-72	2239	620	9723
27	0.0	10.7	3216	2481	0	1202	404	7304	3	27	1.2	13.2	3982	3071	-118	2298	557	9790
28	0.0	12.8	3862	2979	0	1887	299	9028	3	28	0.3	11.5	3475	2681	-26	2337	571	9037
29	0.0	6.7	2018	1557	0	2267	469	6311	3	29	0.4	10.5	3164	2441	-35	2039	581	8190
30	0.0	10.0	3001	2315	0	1185	563	7064	3	30	0.3	10.9	3297	2543	-30	1857	507	8174
31	0.0	6.4	1934	1492	0	1761	294	5482	3	31	0.0	10.0	3001	2315	-3	1935	462	7710

Variable Coefficients	Month HDD13	HDD 13	HDD0	lag1	lag2	
	180.936	232.686		-97.305	177.016	43.995

Summary

Apr 2021 heating load	120947 MWh
Normal heating load	161906 MWh
2021 Varinace to Normal	-40959 MWh

April-21								
Day	Actual HDD 0	Actual HDD 13	Load from Month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)
-2	0.0	9.95						
-1	0.0	6.41						
1	0.0	5.65	1022	1315	0	1135	438	3910
2	0.0	8.13	1470	1891	0	1000	282	4643
3	0.0	11.06	2001	2573	0	1438	249	6261
4	0.0	11.03	1996	2567	0	1958	357	6879
5	0.0	7.97	1442	1855	0	1953	487	5736
6	0.0	6.09	1102	1417	0	1411	485	4416
7	0.0	4.85	877	1128	0	1078	351	3433
8	0.0	3.36	608	782	0	858	268	2516
9	0.0	3.20	578	744	0	595	213	2130
10	0.0	5.28	956	1229	0	566	148	2899
11	0.0	8.64	1563	2010	0	935	141	4648
12	0.0	7.08	1281	1647	0	1529	232	4690
13	0.0	7.83	1417	1823	0	1253	380	4873
14	0.0	6.88	1244	1600	0	1387	311	4542
15	0.0	9.46	1711	2201	0	1217	345	5474
16	0.0	10.83	1959	2520	0	1674	302	6456
17	0.0	9.44	1708	2196	0	1917	416	6237
18	0.0	8.77	1587	2041	0	1671	476	5775
19	0.0	3.82	691	888	0	1553	415	3546
20	0.0	3.43	620	798	0	676	386	2480
21	0.0	3.91	708	911	0	607	168	2393
22	0.0	7.10	1285	1653	0	693	151	3782
23	0.0	7.96	1440	1852	0	1258	172	4721
24	0.0	1.93	348	448	0	1409	313	2518
25	0.0	5.92	1071	1378	0	341	350	3140
26	0.0	3.63	657	844	0	1048	85	2634
27	0.0	6.39	1156	1486	0	642	260	3545
28	0.0	1.55	280	360	0	1131	160	1930
29	0.0	4.08	737	948	0	274	281	2240
30	0.0	4.14	749	963	0	721	68	2501

		April Normal							Total Heating Load (MWh)
Month	Day	HDD0	HDD13	Load from Feb	Load From	Load From	Load	Load	
				HDD13	HDD 13	HDD0	From lag1	from lag2	
3	30	0.3	10.9						
3	31	0.0	10.0						
4	1	0.1	10.1	1827	2350	-10	1761	481	6410
4	2	0.1	10.3	1871	2406	-6	1788	438	6497
4	3	0.0	10.5	1896	2439	-3	1830	444	6607
4	4	0.4	10.6	1923	2473	-35	1855	455	6672
4	5	0.6	11.2	2030	2611	-57	1882	461	6926
4	6	0.6	11.1	2001	2574	-62	1986	468	6966
4	7	0.0	9.7	1762	2266	-3	1958	494	6477
4	8	0.2	10.3	1871	2406	-19	1724	487	6468
4	9	0.5	10.6	1922	2471	-46	1830	429	6606
4	10	0.0	10.3	1862	2394	-4	1880	455	6587
4	11	0.0	8.1	1464	1882	0	1821	467	5635
4	12	0.0	7.3	1312	1687	0	1432	453	4884
4	13	0.0	7.7	1388	1785	0	1283	356	4812
4	14	0.0	6.2	1113	1431	0	1358	319	4220
4	15	0.1	7.8	1419	1824	-9	1089	337	4660
4	16	0.1	9.3	1674	2152	-5	1388	271	5480
4	17	0.0	8.4	1520	1955	0	1637	345	5457
4	18	0.0	8.5	1542	1982	0	1487	407	5418
4	19	0.1	9.0	1621	2085	-12	1508	370	5572
4	20	0.0	7.8	1411	1815	0	1586	375	5187
4	21	0.0	7.1	1283	1650	0	1381	394	4707
4	22	0.0	6.6	1196	1538	0	1255	343	4332
4	23	0.0	7.9	1437	1848	0	1170	312	4766
4	24	0.0	6.7	1203	1547	0	1406	291	4447
4	25	0.0	7.0	1274	1638	0	1177	349	4438
4	26	0.0	6.9	1256	1615	0	1246	293	4409
4	27	0.0	6.9	1243	1599	0	1228	310	4380
4	28	0.0	6.9	1252	1610	0	1216	305	4384
4	29	0.0	6.1	1111	1429	0	1225	302	4067
4	30	0.0	7.4	1332	1713	0	1087	304	4436

Variable Coefficients	Month HDD13	HDD 13	HDD0	lag1	lag2
	0	232.686	-97.305	177.016	43.995

Summary	
May 2021 heating load	50551 MWh
Normal heating load	54000 MWh
2021 Varinace to Normal	-3449 MWh

		May-21							
Day		Actual HDD 0	Actual HDD 13	Load from Month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)
-2		0.0	4.08						
-1		0.0	4.14						
1		0.0	5.13	0	1193	0	732	179	2105
2		0.0	5.17	0	1203	0	908	182	2293
3		0.0	2.40	0	558	0	915	226	1699
4		0.0	3.78	0	878	0	425	227	1531
5		0.0	6.29	0	1463	0	668	106	2237
6		0.0	6.25	0	1454	0	1113	166	2733
7		0.0	4.50	0	1048	0	1106	277	2431
8		0.0	9.00	0	2093	0	797	275	3165
9		0.0	4.98	0	1158	0	1592	198	2948
10		0.0	4.15	0	967	0	881	396	2243
11		0.0	2.94	0	684	0	735	219	1639
12		0.0	5.22	0	1214	0	521	183	1917
13		0.0	2.70	0	629	0	923	129	1682
14		0.0	1.64	0	382	0	479	230	1090
15		0.0	3.85	0	897	0	291	119	1306
16		0.0	2.05	0	477	0	682	72	1231
17		0.0	3.10	0	721	0	363	170	1254
18		0.0	0.87	0	202	0	549	90	841
19		0.0	1.73	0	401	0	153	136	691
20		0.0	3.42	0	796	0	305	38	1139
21		0.0	3.25	0	756	0	606	76	1438
22		0.0	2.10	0	490	0	575	150	1215
23		0.0	0.53	0	123	0	372	143	639
24		0.0	4.06	0	944	0	94	93	1131
25		0.0	2.79	0	649	0	718	23	1390
26		0.0	0.00	0	0	0	493	179	672
27		0.0	0.00	0	0	0	0	123	123
28		0.0	3.58	0	833	0	0	0	833
29		0.0	6.88	0	1600	0	634	0	2233
30		0.0	5.38	0	1251	0	1217	157	2625
31		0.0	3.53	0	821	0	951	302	2075

May Normal										Total Heating Load (MWh)
Month	Day	HDD0	HDD13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2		
4	29	0.0	6.1							
4	30	0.0	7.4							
5	1	0.0	6.9	0	1596	0	1303	270		3169
5	2	0.0	5.4	0	1257	0	1214	324		2795
5	3	0.0	4.2	0	987	0	956	302		2244
5	4	0.0	5.8	0	1350	0	751	238		2338
5	5	0.0	4.8	0	1122	0	1027	187		2335
5	6	0.0	3.9	0	917	0	853	255		2025
5	7	0.0	4.5	0	1038	0	697	212		1947
5	8	0.0	4.8	0	1115	0	789	173		2077
5	9	0.0	5.4	0	1259	0	848	196		2303
5	10	0.0	4.7	0	1096	0	958	211		2264
5	11	0.0	3.1	0	717	0	834	238		1788
5	12	0.0	4.6	0	1070	0	545	207		1823
5	13	0.0	4.5	0	1049	0	814	136		1999
5	14	0.0	4.5	0	1035	0	798	202		2036
5	15	0.0	3.8	0	875	0	788	198		1861
5	16	0.0	4.1	0	959	0	666	196		1820
5	17	0.0	2.6	0	598	0	729	165		1493
5	18	0.0	3.0	0	703	0	455	181		1339
5	19	0.0	3.3	0	766	0	535	113		1413
5	20	0.0	3.1	0	721	0	582	133		1437
5	21	0.0	2.0	0	468	0	549	145		1161
5	22	0.0	3.0	0	700	0	356	136		1193
5	23	0.0	3.5	0	821	0	533	88		1443
5	24	0.0	3.4	0	789	0	625	132		1546
5	25	0.0	2.4	0	565	0	600	155		1321
5	26	0.0	2.7	0	628	0	430	149		1208
5	27	0.0	3.1	0	717	0	478	107		1302
5	28	0.0	2.5	0	572	0	545	119		1236
5	29	0.0	2.6	0	612	0	435	136		1183
5	30	0.0	1.9	0	440	0	466	108		1014
5	31	0.0	1.9	0	437	0	335	116		888

Variable Coefficients

Month HDD13	HDD 13	HDD0	lag1	lag2	CDD18
0	232.686	-97.305			358.84

Summary

Jun 2021 heating load	7323 MWh
Normal heating load	6995 MWh
2021 Varinace to Normal	328 MWh

June-21										Total Heating Load (MWh)
Day	Actual HDD 0	Actual HDD 13	Actual CDD 18	Load from Month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from CDD18	
-2	0.0	5.38								
-1	0.0	3.53								
1	0.0	0.10	0.00	0	24	0	0	0	0	24
2	0.0	0.00	0.00	0	0	0	0	0	0	0
3	0.0	0.00	0.00	0	0	0	0	0	0	0
4	0.0	0.00	0.00	0	0	0	0	0	0	0
5	0.0	0.00	0.00	0	0	0	0	0	0	0
6	0.0	0.00	0.79	0	0	0	0	0	282.5865	283
7	0.0	0.00	0.21	0	0	0	0	0	76.2535	76
8	0.0	0.00	3.90	0	0	0	0	0	1397.981	1398
9	0.0	0.00	2.41	0	0	0	0	0	864.2063	864
10	0.0	0.08	0.00	0	19	0	0	0	0	19
11	0.0	2.78	0.00	0	648	0	0	0	0	648
12	0.0	2.18	0.00	0	506	0	0	0	0	506
13	0.0	0.00	0.00	0	0	0	0	0	0	0
14	0.0	2.50	0.00	0	583	0	0	0	0	583
15	0.0	0.09	0.00	0	21	0	0	0	0	21
16	0.0	0.00	0.00	0	0	0	0	0	0	0
17	0.0	0.00	0.00	0	0	0	0	0	0	0
18	0.0	0.00	0.00	0	0	0	0	0	0	0
19	0.0	0.00	0.00	0	0	0	0	0	0	0
20	0.0	0.00	1.28	0	0	0	0	0	460.5113	461
21	0.0	0.00	1.33	0	0	0	0	0	476.9582	477
22	0.0	0.00	0.00	0	0	0	0	0	0	0
23	0.0	0.00	0.00	0	0	0	0	0	0	0
24	0.0	0.00	0.00	0	0	0	0	0	0	0
25	0.0	0.00	0.00	0	0	0	0	0	0	0
26	0.0	0.00	0.00	0	0	0	0	0	0	0
27	0.0	0.00	0.86	0	0	0	0	0	308.0043	308
28	0.0	0.00	4.61	0	0	0	0	0	1655.15	1655
29	0.0	0.00	0.00	0	0	0	0	0	0	0
30	0.0	0.00	0.00	0	0	0	0	0	0	0

		June Normal									Total Heating Load (MWh)
Month	Day	HDD0	HDD13	Actual CDD18	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from CDD18	
5	30	0.0	1.9	0.0							
5	31	0.0	1.9	0.3							
6	1	0.0	1.6	0.2	0	379	0	0	0	86	
6	2	0.0	2.1	0.0	0	493	0	0	0	0	
6	3	0.0	2.5	0.0	0	589	0	0	0	0	
6	4	0.0	2.3	0.0	0	533	0	0	0	0	
6	5	0.0	2.3	0.0	0	528	0	0	0	0	
6	6	0.0	2.2	0.0	0	507	0	0	0	0	
6	7	0.0	1.2	0.0	0	284	0	0	0	0	
6	8	0.0	0.6	0.0	0	144	0	0	0	0	
6	9	0.0	0.6	0.0	0	147	0	0	0	0	
6	10	0.0	0.7	0.0	0	163	0	0	0	0	
6	11	0.0	0.7	0.0	0	168	0	0	0	0	
6	12	0.0	0.8	0.2	0	188	0	0	0	72	
6	13	0.0	0.9	0.4	0	212	0	0	0	151	
6	14	0.0	1.3	0.0	0	307	0	0	0	0	
6	15	0.0	0.8	0.0	0	184	0	0	0	0	
6	16	0.0	0.5	0.0	0	114	0	0	0	0	
6	17	0.0	0.6	0.0	0	135	0	0	0	0	
6	18	0.0	0.4	0.2	0	95	0	0	0	65	
6	19	0.0	0.2	0.6	0	37	0	0	0	201	
6	20	0.0	0.0	0.4	0	0	0	0	0	147	
6	21	0.0	0.3	0.2	0	65	0	0	0	75	
6	22	0.0	0.0	0.0	0	0	0	0	0	7	
6	23	0.0	0.1	0.1	0	26	0	0	0	39	
6	24	0.0	0.2	0.0	0	35	0	0	0	7	
6	25	0.0	0.3	0.7	0	72	0	0	0	237	
6	26	0.0	0.0	0.1	0	0	0	0	0	32	
6	27	0.0	0.0	0.0	0	0	0	0	0	0	
6	28	0.0	0.1	0.4	0	23	0	0	0	129	
6	29	0.0	0.0	0.0	0	9	0	0	0	4	
6	30	0.0	0.0	0.9	0	0	0	0	0	305	

Variable Coefficients

Month HDD13	HDD 13	HDD0	lag1	lag2	CDD18
0	232.686	-97.305			559.032

Summary

Jul 2021 heating load	12226 MWh
Normal heating load	22598 MWh
2021 Varinace to Normal	-10373 MWh

		July-21									
Day		Actual HDD 0	Actual HDD 13	Actual CDD18	Load from Month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from CDD18	Total Heating Load (MWh)
-2		0.0	0.00	0.00							
-1		0.0	0.00	0.00							
1		0.0	0.00	2.62	0	0	0	0	0	1463	1463
2		0.0	0.00	0.00	0	0	0	0	0	0	0
3		0.0	0.24	0.00	0	55	0	0	0	0	55
4		0.0	0.00	0.00	0	0	0	0	0	0	0
5		0.0	0.00	0.00	0	0	0	0	0	0	0
6		0.0	0.00	0.00	0	0	0	0	0	0	0
7		0.0	0.00	2.51	0	0	0	0	0	1402	1402
8		0.0	0.00	0.00	0	0	0	0	0	0	0
9		0.0	0.00	0.00	0	0	0	0	0	0	0
10		0.0	0.00	1.68	0	0	0	0	0	936	936
11		0.0	0.00	0.46	0	0	0	0	0	256	256
12		0.0	0.00	2.11	0	0	0	0	0	1181	1181
13		0.0	0.00	0.00	0	0	0	0	0	0	0
14		0.0	0.00	0.00	0	0	0	0	0	0	0
15		0.0	0.00	0.11	0	0	0	0	0	63	63
16		0.0	0.00	1.30	0	0	0	0	0	729	729
17		0.0	0.00	2.49	0	0	0	0	0	1391	1391
18		0.0	0.00	2.95	0	0	0	0	0	1649	1649
19		0.0	0.00	1.53	0	0	0	0	0	855	855
20		0.0	0.00	1.19	0	0	0	0	0	664	664
21		0.0	0.00	0.68	0	0	0	0	0	377	377
22		0.0	0.00	0.07	0	0	0	0	0	40	40
23		0.0	0.00	0.00	0	0	0	0	0	0	0
24		0.0	0.00	0.00	0	0	0	0	0	0	0
25		0.0	0.00	0.44	0	0	0	0	0	247	247
26		0.0	0.00	0.85	0	0	0	0	0	478	478
27		0.0	0.00	0.79	0	0	0	0	0	440	440
28		0.0	0.00	0.00	0	0	0	0	0	0	0
29		0.0	0.00	0.00	0	0	0	0	0	0	0
30		0.0	0.00	0.00	0	0	0	0	0	0	0
31		0.0	0.00	0.00	0	0	0	0	0	0	0

		July Normal									Total Heating Load (MWh)
Month	Day	HDD0	HDD13	Actual CDD 18	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from CDD18	
6	29	0.0	0.0	0.0							
6	30	0.0	0.0	0.9							
7	1	0.0	0.0	0.7	0	0	0	0	0	403	403
7	2	0.0	0.0	0.3	0	0	0	0	0	184	184
7	3	0.0	0.0	0.4	0	0	0	0	0	207	207
7	4	0.0	0.0	2.2	0	0	0	0	0	1224	1224
7	5	0.0	0.0	2.3	0	0	0	0	0	1297	1297
7	6	0.0	0.0	2.0	0	0	0	0	0	1101	1101
7	7	0.0	0.0	1.4	0	0	0	0	0	766	766
7	8	0.0	0.0	1.1	0	0	0	0	0	587	587
7	9	0.0	0.0	0.8	0	0	0	0	0	442	442
7	10	0.0	0.0	0.8	0	2	0	0	0	470	472
7	11	0.0	0.0	0.5	0	0	0	0	0	263	263
7	12	0.0	0.0	0.8	0	0	0	0	0	447	447
7	13	0.0	0.0	1.2	0	0	0	0	0	676	676
7	14	0.0	0.0	1.0	0	0	0	0	0	531	531
7	15	0.0	0.0	1.2	0	0	0	0	0	654	654
7	16	0.0	0.0	1.7	0	0	0	0	0	934	934
7	17	0.0	0.0	0.4	0	0	0	0	0	240	240
7	18	0.0	0.0	1.6	0	0	0	0	0	889	889
7	19	0.0	0.0	1.4	0	0	0	0	0	771	771
7	20	0.0	0.0	1.9	0	0	0	0	0	1051	1051
7	21	0.0	0.0	2.3	0	0	0	0	0	1263	1263
7	22	0.0	0.0	1.4	0	0	0	0	0	805	805
7	23	0.0	0.0	1.2	0	0	0	0	0	643	643
7	24	0.0	0.0	1.2	0	0	0	0	0	671	671
7	25	0.0	0.0	1.7	0	0	0	0	0	939	939
7	26	0.0	0.0	1.3	0	0	0	0	0	732	732
7	27	0.0	0.0	0.9	0	0	0	0	0	503	503
7	28	0.0	0.0	1.2	0	0	0	0	0	648	648
7	29	0.0	0.0	1.4	0	0	0	0	0	799	799
7	30	0.0	0.0	1.7	0	0	0	0	0	956	956
7	31	0.0	0.0	2.7	0	0	0	0	0	1498	1498

REDACTED (CONFIDENTIAL INFORMATION REMOVED)

2022 LFR CA IR-14 Attachment 2 Page 8 of 15

Variable Coefficients

Month HDD13	HDD 13	HDD0	lag1	lag2	CDD18
0	232.686	-97.305			551.718

Summary

Aug 2021 heating load	32073 MWh
Normal heating load	25787 MWh
2021 Varinace to Normal	6286 MWh

August-21										
Day	Actual HDD 0	Actual HDD 13	Actual CDD18	Load from Month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from CDD18	Total Heating Load (MWh)
-2	0.0	0.00	0.00							
-1	0.0	0.00	0.00							
1	0.0	0.00	0.00	0	0	0	0	0	0	0
2	0.0	0.00	0.00	0	0	0	0	0	0	0
3	0.0	0.00	0.00	0	0	0	0	0	0	0
4	0.0	0.00	0.81	0	0	0	0	0	448	448
5	0.0	0.00	0.77	0	0	0	0	0	425	425
6	0.0	0.00	1.70	0	0	0	0	0	938	938
7	0.0	0.00	0.60	0	0	0	0	0	331	331
8	0.0	0.00	2.09	0	0	0	0	0	1154	1154
9	0.0	0.00	0.00	0	0	0	0	0	0	0
10	0.0	0.00	0.58	0	0	0	0	0	320	320
11	0.0	0.00	2.13	0	0	0	0	0	1177	1177
12	0.0	0.00	2.43	0	0	0	0	0	1338	1338
13	0.0	0.00	3.08	0	0	0	0	0	1697	1697
14	0.0	0.00	2.01	0	0	0	0	0	1108	1108
15	0.0	0.00	4.84	0	0	0	0	0	2671	2671
16	0.0	0.00	2.34	0	0	0	0	0	1290	1290
17	0.0	0.00	1.51	0	0	0	0	0	834	834
18	0.0	0.00	1.23	0	0	0	0	0	676	676
19	0.0	0.00	2.78	0	0	0	0	0	1533	1533
20	0.0	0.00	2.70	0	0	0	0	0	1487	1487
21	0.0	0.00	2.69	0	0	0	0	0	1483	1483
22	0.0	0.00	1.03	0	0	0	0	0	568	568
23	0.0	0.00	1.72	0	0	0	0	0	949	949
24	0.0	0.00	4.18	0	0	0	0	0	2303	2303
25	0.0	0.00	5.44	0	0	0	0	0	3002	3002
26	0.0	0.00	3.83	0	0	0	0	0	2110	2110
27	0.0	0.00	4.43	0	0	0	0	0	2446	2446
28	0.0	0.00	0.00	0	0	0	0	0	0	0
29	0.0	0.00	0.00	0	0	0	0	0	0	0
30	0.0	0.00	0.00	0	0	0	0	0	0	0
31	0.0	0.00	3.23	0	0	0	0	0	1784	1784

		August Normal									Total Heating Load (MWh)
Month	Day	HDD0	HDD13	Actual CDD 18	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from CDD18	
	7	30	0.0	0.0	1.7						
	7	31	0.0	0.0	2.7						
	8	1	0.0	0.0	2.5	0	0	0	0	1363	1363
	8	2	0.0	0.0	1.9	0	0	0	0	1032	1032
	8	3	0.0	0.0	1.6	0	0	0	0	894	894
	8	4	0.0	0.0	2.0	0	0	0	0	1081	1081
	8	5	0.0	0.0	1.7	0	0	0	0	943	943
	8	6	0.0	0.0	1.7	0	0	0	0	927	927
	8	7	0.0	0.0	1.8	0	0	0	0	971	971
	8	8	0.0	0.0	1.0	0	0	0	0	574	574
	8	9	0.0	0.0	1.3	0	0	0	0	690	690
	8	10	0.0	0.0	1.6	0	0	0	0	872	872
	8	11	0.0	0.0	1.2	0	0	0	0	640	640
	8	12	0.0	0.0	1.5	0	0	0	0	850	850
	8	13	0.0	0.0	1.2	0	0	0	0	651	651
	8	14	0.0	0.0	1.8	0	0	0	0	982	982
	8	15	0.0	0.0	1.3	0	0	0	0	690	690
	8	16	0.0	0.0	1.3	0	0	0	0	739	739
	8	17	0.0	0.0	1.0	0	0	0	0	541	541
	8	18	0.0	0.0	1.1	0	0	0	0	623	623
	8	19	0.0	0.0	1.6	0	0	0	0	872	872
	8	20	0.0	0.0	2.3	0	0	0	0	1286	1286
	8	21	0.0	0.0	2.0	0	0	0	0	1087	1087
	8	22	0.0	0.0	2.0	0	0	0	0	1081	1081
	8	23	0.0	0.0	1.9	0	0	0	0	1032	1032
	8	24	0.0	0.0	1.5	0	0	0	0	828	828
	8	25	0.0	0.0	1.1	0	0	0	0	612	612
	8	26	0.0	0.0	0.9	0	0	0	0	491	491
	8	27	0.0	0.0	1.4	0	0	0	0	794	794
	8	28	0.0	0.0	1.4	0	0	0	0	794	794
	8	29	0.0	0.0	1.1	0	0	0	0	612	612
	8	30	0.0	0.0	1.4	0	0	0	0	750	750
	8	31	0.0	0.0	0.9	0	0	0	0	486	486

REDACTED (CONFIDENTIAL INFORMATION REMOVED)

2022 LFR CA IR-14 Attachment 2 Page 9 of 15

Variable Coefficients Month HDD13 HDD 13 HDD0 lag1 lag2 CDD 18
 0 232.686 -97.305 332.906

Summary
 Sep 2021 heating load 3294 MWh
 Normal heating load 6039 MWh
 2021 Varinace to Normal -2745 MWh

September-21										
Day	Actual HDD 0	Actual HDD 13	Actual CDD 18	Load from Month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from Cooling	Total Weather related Load (MWh)
-2	0.00	0.00		0.00						
-1	0.00	0.00		3.23						
1	0.00	0.00		2.37	0	0	0	0	788	788
2	0.00	0.00		0.25	0	0	0	0	83	83
3	0.00	0.00		0.00	0	0	0	0	0	0
4	0.00	0.00		0.00	0	0	0	0	0	0
5	0.00	0.00		0.00	0	0	0	0	0	0
6	0.00	0.00		0.00	0	0	0	0	0	0
7	0.00	0.00		0.20	0	0	0	0	65	65
8	0.00	0.00		0.00	0	0	0	0	0	0
9	0.00	0.00		0.47	0	0	0	0	155	155
10	0.00	0.00		1.41	0	0	0	0	469	469
11	0.00	0.00		0.00	0	0	0	0	0	0
12	0.00	0.00		0.00	0	0	0	0	0	0
13	0.00	0.00		0.00	0	0	0	0	0	0
14	0.00	0.00		0.00	0	0	0	0	0	0
15	0.00	0.00		0.00	0	0	0	0	0	0
16	0.00	0.00		1.26	0	0	0	0	420	420
17	0.00	0.00		0.00	0	0	0	0	0	0
18	0.00	0.00		1.49	0	0	0	0	497	497
19	0.00	0.00		0.00	0	0	0	0	0	0
20	0.00	0.00		0.00	0	0	0	0	0	0
21	0.00	0.00		0.00	0	0	0	0	0	0
22	0.00	0.00		0.00	0	0	0	0	0	0
23	0.00	0.00		0.16	0	0	0	0	53	53
24	0.00	0.00		0.00	0	0	0	0	0	0
25	0.00	0.00		1.23	0	0	0	0	408	408
26	0.00	0.00		1.07	0	0	0	0	356	356
27	0.00	0.00		0.00	0	0	0	0	0	0
28	0.00	0.00		0.00	0	0	0	0	0	0
29	0.00	0.00		0.00	0	0	0	0	0	0
30	0.00	0.00		0.00	0	0	0	0	0	0

September Normal											Total Weather related Load (MWh)
Month	Day	HDD0	HDD13	CDD 18	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Load from Cooling	
8	30	0.0	0.0	1.36							
8	31	0.0	0.0	0.88							
9	1	0.0	0.0	0.37	0	0	0	0	0	123	123
9	2	0.0	0.1	0.15	0	26	0	0	0	50	76
9	3	0.0	0.0	1.07	0	0	0	0	0	356	356
9	4	0.0	0.0	1.08	0	0	0	0	0	360	360
9	5	0.0	0.0	0.84	0	0	0	0	0	280	280
9	6	0.0	0.0	1.25	0	0	0	0	0	416	416
9	7	0.0	0.0	0.58	0	0	0	0	0	193	193
9	8	0.0	0.0	0.77	0	0	0	0	0	256	256
9	9	0.0	0.0	0.53	0	2	0	0	0	176	179
9	10	0.0	0.0	0.71	0	0	0	0	0	236	236
9	11	0.0	0.0	0.44	0	0	0	0	0	146	146
9	12	0.0	0.0	0.37	0	0	0	0	0	123	123
9	13	0.0	0.1	0.03	0	12	0	0	0	10	22
9	14	0.0	0.1	0.41	0	12	0	0	0	136	148
9	15	0.0	0.2	0.2	0	47	0	0	0	67	113
9	16	0.0	0.1	0.35	0	30	0	0	0	117	147
9	17	0.0	0.4	0.4	0	100	0	0	0	133	233
9	18	0.0	0.4	0.61	0	84	0	0	0	203	287
9	19	0.0	0.8	0.19	0	186	0	0	0	63	249
9	20	0.0	0.4	0.37	0	100	0	0	0	123	223
9	21	0.0	0.2	0.23	0	54	0	0	0	77	130
9	22	0.0	0.2	0.22	0	56	0	0	0	73	129
9	23	0.0	0.1	0.22	0	14	0	0	0	73	87
9	24	0.0	0.9	0	0	202	0	0	0	0	202
9	25	0.0	1.1	0.33	0	244	0	0	0	110	354
9	26	0.0	0.4	0.66	0	102	0	0	0	220	322
9	27	0.0	0.2	0	0	40	0	0	0	0	40
9	28	0.0	0.4	0.16	0	98	0	0	0	53	151
9	29	0.0	0.3	0.29	0	58	0	0	0	97	155
9	30	0.0	0.8	0.32	0	195	0	0	0	107	302

Variable Coefficients	Month HDD13	HDD 13	HDD0	lag1	lag2	
	174.743	232.686		-97.305	177.016	43.995

Summary	
Oct 2021 heating load	30150 MWh
Normal heating load	49475 MWh
2021 Varinace to Normal	-19325 MWh

Day	October-21								Month	Day	October Normal								Total Heating Load (MWh)
	Actual HDD 0	Actual HDD 13	Load from Mar HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)			HDD0	HDD13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2		
-2	0.00	0.00							9	29	0.0	0.3							
-1	0.00	0.00							9	30	0.0	0.8							
1	0.00	0.43	76	101	0	0	0	177	10	1	0.0	0.6	103	137	0	149	11	400	
2	0.00	0.42	73	97	0	77	0	246	10	2	0.0	1.0	176	235	0	104	37	553	
3	0.00	1.25	219	292	0	74	19	604	10	3	0.0	1.4	248	330	0	179	26	783	
4	0.00	1.52	266	354	0	222	18	860	10	4	0.0	1.3	229	305	0	251	44	830	
5	0.00	1.00	175	234	0	269	55	734	10	5	0.0	1.6	271	361	0	232	62	926	
6	0.00	0.00	0	0	0	178	67	245	10	6	0.0	1.8	309	412	0	274	58	1053	
7	0.00	0.00	0	0	0	0	44	44	10	7	0.0	1.0	166	221	0	313	68	769	
8	0.00	1.05	184	245	0	0	0	429	10	8	0.0	0.8	142	188	0	168	78	576	
9	0.00	3.79	662	881	0	187	0	1730	10	9	0.0	1.6	273	363	0	143	42	821	
10	0.00	2.28	398	530	0	670	46	1645	10	10	0.0	1.0	178	237	0	276	36	727	
11	0.00	0.00	0	0	0	403	167	570	10	11	0.0	2.2	391	521	0	181	69	1162	
12	0.00	0.00	0	0	0	0	100	100	10	12	0.0	3.1	542	721	0	397	45	1704	
13	0.00	0.00	0	0	0	0	0	0	10	13	0.0	3.1	536	714	0	549	99	1898	
14	0.00	0.00	0	0	0	0	0	0	10	14	0.0	1.9	330	440	0	543	136	1450	
15	0.00	0.77	134	178	0	0	0	312	10	15	0.0	1.3	225	300	0	335	135	995	
16	0.00	0.14	24	32	0	136	0	192	10	16	0.0	1.5	255	340	0	228	83	906	
17	0.00	0.00	0	0	0	24	34	58	10	17	0.0	2.1	363	484	0	258	57	1163	
18	0.00	0.13	23	30	0	0	6	59	10	18	0.0	3.2	563	749	0	368	64	1744	
19	0.00	3.46	605	806	0	23	0	1434	10	19	0.0	3.1	542	721	0	570	92	1925	
20	0.00	4.01	700	933	0	613	6	2252	10	20	0.0	1.7	290	386	0	549	142	1367	
21	0.00	1.11	194	258	0	710	152	1313	10	21	0.0	2.2	388	517	0	294	136	1335	
22	0.00	0.00	0	0	0	196	176	373	10	22	0.0	3.1	542	721	0	393	73	1729	
23	0.00	0.00	0	0	0	0	49	49	10	23	0.0	2.7	470	626	0	549	98	1742	
24	0.00	2.51	438	584	0	0	0	1022	10	24	0.0	3.1	536	714	0	476	136	1863	
25	0.00	4.55	794	1058	0	444	0	2296	10	25	0.0	4.4	772	1028	0	543	118	2463	
26	0.00	2.88	504	671	0	805	110	2090	10	26	0.0	5.4	937	1247	0	782	135	3101	
27	0.00	3.97	694	924	0	510	200	2328	10	27	0.0	5.7	996	1326	0	949	194	3466	
28	0.00	4.60	805	1071	0	703	127	2706	10	28	0.0	5.7	1001	1333	0	1009	236	3579	
29	0.00	3.47	606	807	0	815	175	2402	10	29	0.0	3.7	638	849	0	1014	251	2752	
30	0.00	4.98	871	1160	0	614	203	2847	10	30	0.0	4.4	762	1015	0	646	252	2675	
31	0.0	0.0	0	0	0	882	153	1035	10	31	0.0	5.1	895	1191	0	772	161	3018	

Variable Coefficients Month HDD13 HDD 13 HDD0 lag1 lag2
 349.301 232.686 -97.305 177.016 43.995

Summary
 Nov 2021 heating load 162886 MWh
 Normal heating load 181899 MWh
 2021 Varinace to Normal -19013 MWh

November-21								
Day	Actual HDD 0	Actual HDD 13	Load from Mar HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)
-2	0.00	4.98						
-1	0.00	0.00						
1	0.00	0.00	0	0	0	0	219	219
2	0.00	3.70	1291	860	0	0	0	2151
3	0.00	5.26	1837	1224	0	654	0	3715
4	0.00	7.83	2735	1822	0	931	163	5650
5	0.00	9.33	3260	2172	0	1386	231	7049
6	0.00	8.57	2992	1993	0	1652	344	6982
7	0.00	5.96	2083	1387	0	1516	411	5397
8	0.00	5.79	2022	1347	0	1055	377	4801
9	0.00	4.57	1595	1063	0	1024	262	3945
10	0.00	6.38	2230	1485	0	808	255	4778
11	0.00	8.57	2994	1994	0	1130	201	6319
12	0.00	8.49	2966	1976	0	1517	281	6740
13	0.00	0.48	169	112	0	1503	377	2162
14	0.00	4.17	1457	970	0	86	374	2887
15	0.00	5.24	1831	1220	0	738	21	3810
16	0.00	8.41	2937	1957	0	928	183	6005
17	0.00	10.84	3787	2523	0	1488	231	8029
18	0.00	5.95	2078	1384	0	1919	370	5752
19	0.00	3.02	1055	703	0	1053	477	3288
20	0.00	10.78	3765	2508	0	535	262	7070
21	0.00	9.30	3248	2164	0	1908	133	7453
22	0.00	2.10	735	490	0	1646	474	3345
23	0.00	6.96	2431	1619	0	372	409	4831
24	0.00	12.74	4451	2965	0	1232	93	8740
25	0.00	8.74	3053	2034	0	2255	306	7649
26	0.00	5.52	1927	1284	0	1547	561	5319
27	0.00	7.10	2481	1653	0	977	385	5496
28	0.00	10.93	3816	2542	0	1258	243	7858
29	0.00	7.65	2674	1781	0	1934	313	6701
30	0.00	11.88	4148	2763	0	1355	481	8747

November Normal									
Month	Day	HDD0	HDD13	Load from current month HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load From lag2	Total Heating Load (MWh)
10	30	0.0	4.4						
10	31	0.0	5.1						
11	1	0.0	3.9	1348	898	0	906	192	3345
11	2	0.0	3.3	1163	775	0	683	225	2847
11	3	0.0	5.5	1935	1289	0	589	170	3983
11	4	0.1	7.4	2581	1720	-8	981	147	5420
11	5	0.0	7.2	2518	1678	0	1308	244	5748
11	6	0.0	4.5	1558	1038	0	1276	325	4197
11	7	0.0	4.0	1394	928	0	789	317	3429
11	8	0.0	7.0	2435	1622	0	706	196	4959
11	9	0.1	7.1	2477	1650	-8	1234	176	5528
11	10	0.0	5.9	2047	1364	0	1255	307	4972
11	11	0.1	6.1	2141	1426	-5	1037	312	4912
11	12	0.1	6.4	2229	1485	-11	1085	258	5045
11	13	0.1	7.1	2466	1643	-14	1129	270	5494
11	14	0.2	8.6	2990	1992	-20	1250	281	6492
11	15	0.4	8.1	2815	1875	-42	1515	311	6475
11	16	0.1	8.2	2850	1899	-11	1427	377	6542
11	17	0.2	8.0	2794	1861	-20	1444	355	6435
11	18	0.0	9.0	3130	2085	-2	1416	359	6988
11	19	0.0	8.6	3000	1999	-3	1586	352	6934
11	20	0.1	7.6	2644	1761	-6	1521	394	6315
11	21	0.0	8.5	2980	1985	0	1340	378	6682
11	22	1.0	9.7	3399	2264	-94	1510	333	7411
11	23	0.8	9.3	3262	2173	-79	1722	375	7455
11	24	0.3	10.1	3528	2350	-25	1653	428	7934
11	25	0.6	9.7	3385	2255	-59	1788	411	7779
11	26	0.0	8.3	2896	1929	0	1715	444	6984
11	27	0.1	8.1	2840	1892	-12	1467	426	6614
11	28	0.5	9.2	3217	2143	-46	1439	365	7118
11	29	0.6	11.4	3972	2646	-62	1630	358	8543
11	30	1.6	12.1	4234	2820	-152	2013	405	9320

Variable Coefficients

Month HDD13	HDD 13	HDD0	lag1	lag2
411.335	232.686	-97.305	177.016	43.995

Summary

Dec 2021 heating load	318539 MWh
Normal heating load	327335 MWh
2021 Varinace to Normal	-8796 MWh

Day	December-21								December Normal								Total Heating Load (MWh)	
	Actual HDD 0	Actual HDD 13	Load from Mar HDD13	Load From HDD 13	Load From HDD0	Load From lag1	Load from lag2	Total Heating Load (MWh)	Month	Day	HDD0	HDD13	Load from Feb HDD13	Load From HDD 13	Load From HDD0	Load From lag1		Load from lag2
-2	0.0	7.7							11	29	0.6	11.4						
-1	0.0	11.9							11	30	1.6	12.1						
1	0.0	11.2	4621	2614	0	2102	337	9673	12	1	1.1	9.6	3928	2222	-104	2145	500	8692
2	0.0	6.9	2842	1607	0	1988	522	6960	12	2	0.4	9.7	3994	2259	-41	1691	533	8436
3	0.0	7.1	2939	1663	0	1223	494	6319	12	3	0.0	7.5	3064	1734	0	1719	420	6937
4	2.6	15.6	6424	3634	-255	1265	304	11372	12	4	0.0	10.2	4179	2364	0	1319	427	8289
5	1.2	14.2	5827	3296	-114	2764	314	12089	12	5	1.1	10.7	4385	2480	-108	1798	328	8884
6	0.0	8.3	3397	1922	0	2508	687	8513	12	6	0.6	9.0	3718	2103	-54	1887	447	8101
7	0.0	5.8	2377	1345	0	1462	623	5807	12	7	0.6	10.9	4492	2541	-55	1600	469	9046
8	0.6	13.6	5591	3163	-58	1023	363	10082	12	8	2.2	13.1	5401	3055	-210	1933	398	10577
9	3.5	16.5	6782	3836	-339	2406	254	12939	12	9	1.9	12.4	5096	2883	-188	2324	480	10596
10	5.0	18.0	7389	4180	-483	2919	598	14602	12	10	1.1	10.3	4220	2387	-110	2193	578	9269
11	0.0	5.2	2156	1220	0	3180	725	7281	12	11	2.1	11.9	4911	2778	-206	1816	545	9845
12	0.0	5.1	2079	1176	0	928	790	4973	12	12	2.4	12.8	5277	2985	-235	2114	451	10592
13	0.0	7.3	3004	1700	0	895	231	5829	12	13	2.3	12.6	5183	2932	-219	2271	525	10692
14	0.0	10.7	4410	2495	0	1293	222	8420	12	14	1.7	12.8	5277	2985	-162	2230	564	10895
15	2.9	15.9	6537	3698	-281	1898	321	12172	12	15	1.6	12.5	5154	2916	-154	2271	554	10741
16	0.0	10.7	4405	2492	0	2813	472	10181	12	16	3.9	16.0	6581	3723	-381	2218	564	12705
17	0.0	4.6	1880	1064	0	1896	699	5538	12	17	3.1	15.7	6450	3649	-303	2832	551	13179
18	0.0	12.5	5126	2900	0	809	471	9306	12	18	1.7	12.1	4973	2813	-168	2776	704	11097
19	2.3	15.3	6292	3559	-223	2206	201	12035	12	19	1.9	13.9	5726	3239	-187	2140	690	11608
20	4.6	17.6	7253	4103	-451	2708	548	14161	12	20	1.5	14.0	5767	3262	-146	2464	532	11879
21	0.0	11.2	4626	2617	0	3121	673	11037	12	21	0.7	11.5	4730	2676	-64	2482	612	10436
22	0.0	11.5	4711	2665	0	1991	776	10143	12	22	0.8	10.4	4294	2429	-80	2036	617	9296
23	1.3	14.3	5887	3330	-128	2028	495	11612	12	23	0.1	12.1	4957	2804	-13	1848	506	10102
24	7.3	20.3	8342	4719	-708	2534	504	15389	12	24	1.1	11.5	4743	2683	-102	2133	459	9916
25	1.9	14.9	6132	3469	-186	3590	630	13635	12	25	2.7	12.6	5199	2941	-259	2041	530	10453
26	1.8	14.8	6088	3444	-175	2639	892	12888	12	26	3.7	14.7	6047	3420	-356	2237	507	11856
27	0.4	13.4	5508	3116	-38	2620	656	11862	12	27	2.3	14.5	5960	3372	-224	2602	556	12266
28	0.9	13.9	5704	3227	-84	2371	651	11868	12	28	3.0	13.9	5701	3225	-291	2565	647	11847
29	0.0	12.4	5083	2876	0	2455	589	11003	12	29	2.6	14.4	5927	3353	-250	2453	637	12121
30	0.0	12.8	5246	2968	0	2188	610	11012	12	30	3.5	16.1	6610	3739	-343	2551	610	13167
31	0.0	10.9	4494	2542	0	2258	544	9837	12	31	4.9	16.8	6906	3907	-479	2845	634	13813

Variable	Coefficient	StdErr	T-Stat	P-Value	Constant	term	Date	Month	Day	Avg HDD0	Avg HDD13	Avg CDD18	Avg HDD18	Prior Year	Month	Day	HDD0	HDD13	CDD18
CONST	19044.519	56.624	336.331	0.00%			1-Jan-00	1	1	3	14.8	0	19.8	30-Dec	12	30	2.29	15.29	0
DailyHDD13	232.686	19.106	12.179	0.00%			2-Jan-00	1	2	4.98	17.16	0	22.2	31-Dec	12	31	0	12.19	0
DailyHDD0	-97.305	21.585	-4.508	0.00%			3-Jan-00	1	3	5.07	17.24	0	22.2	1-Jan	1	1	0	10.02	0
DailyJanHDD13	424.273	18.77	22.604	0.00%			4-Jan-00	1	4	14.87	0	3	23.3	2-Jan	1	2	0	11.33	0
DailyFebHDD13	403.966	18.717	21.582	0.00%			5-Jan-00	1	5	1.59	13.54	0	18.5	3-Jan	1	3	0	10.81	0
DailyMarHDD13	301.64	18.412	21.582	0.00%			6-Jan-00	1	6	4.53	17.03	0	22.0	4-Jan	1	4	0	9.6	0
DailyAprHDD13	180.936	19.128	21.582	0.00%			7-Jan-00	1	7	5.04	17.8	0	22.8	5-Jan	1	5	0.35	13.35	0
DailyOctHDD13	174.743	25.322	21.582	0.00%			8-Jan-00	1	8	4.68	17.31	0	23.3	6-Jan	1	6	4.88	17.88	0
DailyNovHDD13	349.301	19.086	18.301	0.00%			9-Jan-00	1	9	3.47	15.89	0	20.9	7-Jan	1	7	1.5	14.5	0
DailyDecHDD13	411.335	18.481	22.257	0.00%			10-Jan-00	1	10	2.26	14.42	0	19.4	8-Jan	1	8	1.73	14.73	0
DailyAugCDD18	551.718	37.037	14.896	0.00%			11-Jan-00	1	11	1.66	12.19	0	17.2	9-Jan	1	9	5.3	18.3	0
DailyJulCDD18	559.032	37.188	15.032	0.00%			12-Jan-00	1	12	2.07	12.36	0	17.4	10-Jan	1	10	3.75	16.75	0
DailySepCDD18	332.906	103.163	3.227	0.13%			13-Jan-00	1	13	1.99	12.28	0	17.3	11-Jan	1	11	0	6.68	0
DailyJunCDD18	358.84	118.292	3.034	0.25%			14-Jan-00	1	14	4.12	15.66	0	20.7	12-Jan	1	12	0	10.47	0
DailySun	-964.744	76.652	-12.586	0.00%			15-Jan-00	1	15	4.52	16.77	0	21.8	13-Jan	1	13	3.91	16.91	0
DailySat	-898.36	76.893	-11.683	0.00%			16-Jan-00	1	16	3.71	16.25	0	21.3	14-Jan	1	14	2.11	15.11	0
DailyMon	-272.491	76.293	-3.572	0.04%			17-Jan-00	1	17	4.09	16.53	0	21.5	15-Jan	1	15	1.9	14.9	0
DailyFri	-180.897	76.76	-2.357	1.86%			18-Jan-00	1	18	4.96	17.33	0	22.3	16-Jan	1	16	4.51	17.51	0
DailyLagHDD13	177.016	10.146	17.446	0.00%			19-Jan-00	1	19	3.62	15.55	0	20.6	17-Jan	1	17	9.68	22.68	0
DailyLag2HDD13	43.995	8.477	5.19	0.00%			20-Jan-00	1	20	1.77	13.98	0	19.0	18-Jan	1	18	13.5	26.5	0
							21-Jan-00	1	21	4.25	17.13	0	22.1	19-Jan	1	19	3.3	16.3	0
							22-Jan-00	1	22	7.23	20.23	0	25.2	20-Jan	1	20	3.47	16.47	0
							23-Jan-00	1	23	5.74	18.74	0	23.7	21-Jan	1	21	10.64	23.64	0
							24-Jan-00	1	24	4.49	15.44	0	20.4	22-Jan	1	22	8.64	21.64	0
							25-Jan-00	1	25	4.01	15.36	0	20.4	23-Jan	1	23	0.57	11.57	0
							26-Jan-00	1	26	3.43	15.65	0	20.7	24-Jan	1	24	0.55	13.55	0
							27-Jan-00	1	27	2.15	13.96	0	19.0	25-Jan	1	25	2.51	15.51	0
							28-Jan-00	1	28	1.82	13.97	0	19.0	26-Jan	1	26	0	10.13	0
							29-Jan-00	1	29	3.67	16.32	0	21.2	27-Jan	1	27	0	9.87	0
							30-Jan-00	1	30	3.2	15.95	0	21.0	28-Jan	1	28	1.6	14.6	0
							31-Jan-00	1	31	3.06	14.95	0	20.0	29-Jan	1	29	4.75	17.75	0
1-Feb-00	2	1	3.17	15.55	0	20.6	30-Jan	1	30	3.86	16.31	0	21.3	30-Jan	1	30	7.86	20.86	0
2-Feb-00	2	2	3.96	16.31	0	22.4	31-Jan	1	31	4.56	17.87	0	22.9	31-Jan	1	31	1.13	14.13	0
3-Feb-00	2	3	4.96	17.87	0	22.9	1-Feb-00	2	1	3.4	15.4	0	20.4	1-Feb	2	1	2.21	15.21	0
4-Feb-00	2	4	3.4	15.4	0	20.4	2-Feb-00	2	2	3.02	14.67	0	19.7	2-Feb	2	2	1.43	14.43	0
5-Feb-00	2	5	3.02	14.67	0	19.7	3-Feb-00	2	3	4.34	17.19	0	22.2	3-Feb	2	3	0.43	13.43	0
6-Feb-00	2	6	4.34	17.19	0	22.2	4-Feb-00	2	4	4.02	16.52	0	21.5	4-Feb	2	4	0	11.4	0
7-Feb-00	2	7	4.02	16.52	0	21.5	5-Feb-00	2	5	4.36	16.92	0	21.9	5-Feb	2	5	0.65	13.65	0
8-Feb-00	2	8	4.36	16.92	0	21.9	6-Feb-00	2	6	5.23	18.23	0	23.2	6-Feb	2	6	5.51	18.51	0
9-Feb-00	2	9	5.23	18.23	0	23.2	7-Feb-00	2	7	10.44	17.18	0	22.1	7-Feb	2	7	0	11.12	0
10-Feb-00	2	10	4.44	17.18	0	22.1	8-Feb-00	2	8	5.23	17.37	0	22.4	8-Feb	2	8	2.78	15.78	0
11-Feb-00	2	11	5.23	17.37	0	22.4	9-Feb-00	2	9	4.86	17.55	0	22.2	9-Feb	2	9	7.19	20.19	0
12-Feb-00	2	12	4.86	17.55	0	22.2	10-Feb-00	2	10	4.86	17.55	0	22.1	10-Feb	2	10	0.38	13.38	0
13-Feb-00	2	13	4.86	17.56	0	22.6	11-Feb-00	2	11	4.47	16.87	0	21.9	11-Feb	2	11	0	12.28	0
14-Feb-00	2	14	4.47	16.87	0	21.9	12-Feb-00	2	12	3.4	16.26	0	21.3	12-Feb	2	12	0	12.79	0
15-Feb-00	2	15	3.4	16.26	0	21.3	13-Feb-00	2	13	2.36	14.08	0	19.1	13-Feb	2	13	0.71	22.71	0
16-Feb-00	2	16	2.36	14.08	0	19.1	14-Feb-00	2	14	2.62	14.39	0	18.4	14-Feb	2	14	10.4	23.4	0
17-Feb-00	2	17	2.62	14.39	0	18.4	15-Feb-00	2	15	2.83	15.62	0	20.6	15-Feb	2	15	11.01	24.01	0
18-Feb-00	2	18	2.83	15.62	0	20.6	16-Feb-00	2	16	1.55	13.61	0	18.6	16-Feb	2	16	0	12.9	0
19-Feb-00	2	19	1.55	13.61	0	18.6	17-Feb-00	2	17	2.73	14.91	0	19.9	17-Feb	2	17	0	10.63	0
20-Feb-00	2	20	2.73	14.91	0	19.9	18-Feb-00	2	18	2.86	15.09	0	20.1	18-Feb	2	18	5.71	18.71	0
21-Feb-00	2	21	3.16	15.08	0	20.1	19-Feb-00	2	19	3.23	15.22	0	20.2	19-Feb	2	19	0	10.15	0
22-Feb-00	2	22	1.28	13.16	0	18.2	20-Feb-00	2	20	2.81	14.84	0	19.8	20-Feb	2	20	7.98	20.98	0
23-Feb-00	2	23	2.81	14.84	0	19.8	21-Feb-00	2	21	2.67	14.16	0	19.2	21-Feb	2	21	0.71	22.71	0
24-Feb-00	2	24	2.67	14.16	0	19.2	22-Feb-00	2	22	1.19	12.06	0	17.1	22-Feb	2	22	1.43	14.43	0
25-Feb-00	2	25	1.19	12.06	0	17.1	23-Feb-00	2	23	2.83	14.43	0	19.4	23-Feb	2	23	0	11.69	0
26-Feb-00	2	26	2.83	14.43	0	19.4	24-Feb-00	2	24	4.33	17.07	0	22.1	24-Feb	2	24	0	11.96	0
27-Feb-00	2	27	4.33	17.07	0	22.1	25-Feb-00	2	25	2.86	15.09	0	20.1	25-Feb	2	25	0	10.63	0
28-Feb-00	2	28	2.86	15.09	0	20.1	26-Feb-00	2	26	3.23	15.22	0	20.2	26-Feb	2	26	0	9.72	0
29-Feb-00	2	29	3.23	15.22	0	20.2	27-Feb-00	2	27	2.41	14.55	0	19.6	27-Feb	2	27	0	12.45	0
1-Mar-00	3	1	2.41	14.55	0	19.6	28-Feb-00	2	28	1.09	12.91	0	17.9	28-Feb	2	28	0	12.28	0
2-Mar-00	3	2	1.09	12.91	0	17.9	29-Feb-00	2	29	3.43	15.33	0	20.3	29-Feb	2	29	0.4	13.4	0
3-Mar-00	3	3	3.43	15.33	0	20.3	1-Mar-00	3	1	3.91	15.66	0	20.7	1-Mar	3	1	1.4	14.4	0
4-Mar-00	3	4	3.91	15.66	0	20.7	2-Mar-00	3	2	2.72	15.01	0	20.0	2-Mar	3	2	0.59	13.59	0
5-Mar-00	3	5	2.72	15.01	0	20.0	3-Mar-00	3	3	3.76	15.99	0	21.0	3-Mar	3	3	0	8.74	0
6-Mar-00	3	6	3.76	15.99	0	21.0	4-Mar-00	3	4	2.93	15.18	0	20.2	4-Mar	3	4	0	8.34	0
7-Mar-00	3	7	2.93	15.18	0	20.2	5-Mar-00	3	5	8.05	12.2	0	17.2	5-Mar	3	5	0	10.54	0
8-Mar-00	3	8	8.05	12.2	0	17.2	6-Mar-00	3	6	0.86	12.75	0	17.8	6-Mar	3	6	0.08	13.08	0
9-Mar-00	3	9	0.86	12.75	0	17.8	7-Mar-00	3	7	1.58	13.95	0	19.0	7-Mar	3	7	4.58	17.58	0
10-Mar-00	3	10	1.58	13.95	0	19.0	8-Mar-00	3	8	1.49	12.97	0	18.0	8-Mar	3	8	1.97	14.97	0
11-Mar-00	3	11	1.49	12.97	0	18.0	9-Mar-00	3	9	1.63	12.9	0	17.9	9-Mar	3	9	0	12.58	0
12-Mar-00	3	12	1.63	12.9	0	17.9	10-Mar-00	3	10	1.4	12.36	0	17.4	10-Mar	3	10	0	12.65	0
13-Mar-00	3	13	1.4	12.36	0	17.4	11-Mar-00	3	11	1.73	13.41	0	18.4	11-Mar	3	11	0	10.49	0
14-Mar-00	3	14	1.73	13.41	0	18.4	12-Mar-00	3	12	0.64	12.73	0	17.7	12-Mar	3	12	0.62	13.62	0
15-Mar-00	3	15	0.64	12.73	0	17.7	13-Mar-00	3	13	1.09	12.77	0	17.8	13-Mar	3	13	0	11.74	0
16-Mar-00	3	16	1.09	12.77	0</														

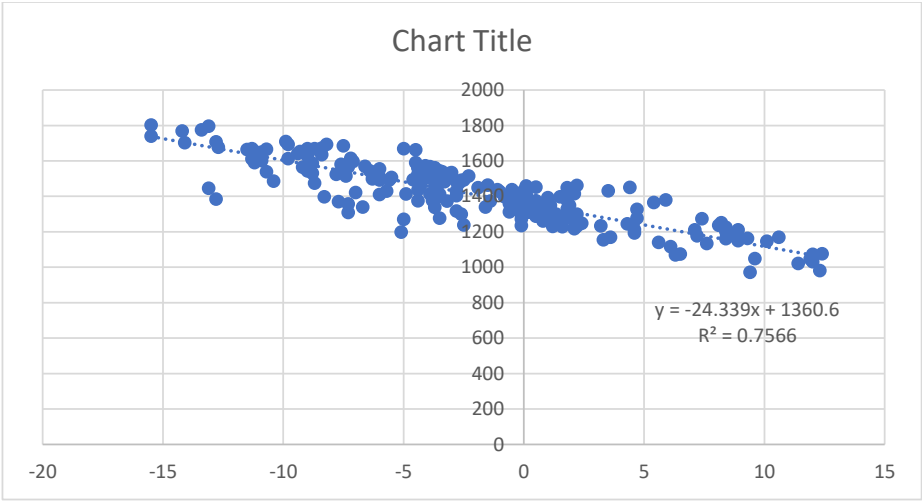
26-May-00	5	26	0	2.7	0	7.4	24-May	5	24	0	5.69	0
27-May-00	5	27	0	3.08	0	7.5	25-May	5	25	0	5.35	0
28-May-00	5	28	0	2.46	0	6.8	26-May	5	26	0	0	0
29-May-00	5	29	0	2.63	0	7.2	27-May	5	27	0	0	0
30-May-00	5	30	0	1.89	0	6.3	28-May	5	28	0	0	0
31-May-00	5	31	0	1.88	0.32	5.6	29-May	5	29	0	0	0
1-Jun-00	6	1	0	1.63	0.24	5.3	30-May	5	30	0	0	0
2-Jun-00	6	2	0	2.12	0	6.7	31-May	5	31	0	2.14	0
3-Jun-00	6	3	0	2.53	0	7.4	1-Jun	6	1	0	0.53	0
4-Jun-00	6	4	0	2.29	0	6.9	2-Jun	6	2	0	2.47	0
5-Jun-00	6	5	0	2.27	0	7.1	3-Jun	6	3	0	5.38	0
6-Jun-00	6	6	0	2.18	0	7.1	4-Jun	6	4	0	0	0
7-Jun-00	6	7	0	1.22	0	6.0	5-Jun	6	5	0	0.01	0
8-Jun-00	6	8	0	0.62	0	4.5	6-Jun	6	6	0	1.8	0
9-Jun-00	6	9	0	0.63	0	5.1	7-Jun	6	7	0	1.53	0
10-Jun-00	6	10	0	0.7	0	4.9	8-Jun	6	8	0	0.96	0
11-Jun-00	6	11	0	0.72	0	4.9	9-Jun	6	9	0	1.73	0
12-Jun-00	6	12	0	0.81	0.2	4.4	10-Jun	6	10	0	3.41	0
13-Jun-00	6	13	0	0.91	0.42	4.4	11-Jun	6	11	0	3.08	0
14-Jun-00	6	14	0	1.32	0	5.6	12-Jun	6	12	0	0.38	0
15-Jun-00	6	15	0	0.79	0	4.8	13-Jun	6	13	0	0	0
16-Jun-00	6	16	0	0.49	0	4.5	14-Jun	6	14	0	0	0
17-Jun-00	6	17	0	0.58	0	4.2	15-Jun	6	15	0	0	0
18-Jun-00	6	18	0	0.41	0.18	3.4	16-Jun	6	16	0	0	0
19-Jun-00	6	19	0	0.16	0.56	2.3	17-Jun	6	17	0	0	0
20-Jun-00	6	20	0	0	0.41	2.0	18-Jun	6	18	0	0	1.79
21-Jun-00	6	21	0	0.28	0.21	3.7	19-Jun	6	19	0	0	4.54
22-Jun-00	6	22	0	0	0.02	2.9	20-Jun	6	20	0	0	4.08
23-Jun-00	6	23	0	0.11	0.11	3.0	21-Jun	6	21	0	1.68	0
24-Jun-00	6	24	0	0.15	0.02	1.8	22-Jun	6	22	0	0	0
25-Jun-00	6	25	0	0.31	0.66	2.2	23-Jun	6	23	0	0	0
26-Jun-00	6	26	0	0	0.09	2.4	24-Jun	6	24	0	0	0
27-Jun-00	6	27	0	0	0	2.1	25-Jun	6	25	0	0	0.92
28-Jun-00	6	28	0	0.1	0.36	2.8	26-Jun	6	26	0	0	0.78
29-Jun-00	6	29	0	0.04	0.01	2.0	27-Jun	6	27	0	0	0
30-Jun-00	6	30	0	0	0.85	1.5	28-Jun	6	28	0	0	0
1-Jul-00	7	1	0	0.72	0	1.2	29-Jun	6	29	0	0	0
2-Jul-00	7	2	0	0	0.33	1.2	30-Jun	6	30	0	0	0
3-Jul-00	7	3	0	0	0.37	0.6	1-Jul	7	1	0	0	0.21
4-Jul-00	7	4	0	0	2.19	0.6	2-Jul	7	2	0	0	0.68
5-Jul-00	7	5	0	0	2.32	0.8	3-Jul	7	3	0	0	0
6-Jul-00	7	6	0	0	1.97	0.5	4-Jul	7	4	0	0	0
7-Jul-00	7	7	0	0	1.37	1.1	5-Jul	7	5	0	0	0
8-Jul-00	7	8	0	0	1.05	1.0	6-Jul	7	6	0	0	0
9-Jul-00	7	9	0	0	0.79	0.9	7-Jul	7	7	0	0	0
10-Jul-00	7	10	0	0.01	0.84	1.0	8-Jul	7	8	0	0	0
11-Jul-00	7	11	0	0	0.47	0.6	9-Jul	7	9	0	0	1.05
12-Jul-00	7	12	0	0	0.8	0.4	10-Jul	7	10	0	0	1.95
13-Jul-00	7	13	0	0	1.21	0.3	11-Jul	7	11	0	0	0
14-Jul-00	7	14	0	0	0.95	1.5	12-Jul	7	12	0	1.22	0
15-Jul-00	7	15	0	0	1.17	1.0	13-Jul	7	13	0	0	2.2
16-Jul-00	7	16	0	0	1.67	0.7	14-Jul	7	14	0	0	0.6
17-Jul-00	7	17	0	0	0.43	0.5	15-Jul	7	15	0	0	0.59
18-Jul-00	7	18	0	0	1.59	0.3	16-Jul	7	16	0	0	0
19-Jul-00	7	19	0	0	1.38	0.2	17-Jul	7	17	0	0	0
20-Jul-00	7	20	0	0	1.88	0.1	18-Jul	7	18	0	0	1.34
21-Jul-00	7	21	0	0	2.26	0.4	19-Jul	7	19	0	0	0.59
22-Jul-00	7	22	0	0	1.44	0.2	20-Jul	7	20	0	1.86	0
23-Jul-00	7	23	0	0	1.15	-	21-Jul	7	21	0	0	5.74
24-Jul-00	7	24	0	0	1.2	0.3	22-Jul	7	22	0	0	3.55
25-Jul-00	7	25	0	0	1.68	0.8	23-Jul	7	23	0	1.01	0
26-Jul-00	7	26	0	0	1.31	0.7	24-Jul	7	24	0	4.1	0
27-Jul-00	7	27	0	0	0.9	0.6	25-Jul	7	25	0	0	3.68
28-Jul-00	7	28	0	0	1.16	0.2	26-Jul	7	26	0	0	2.53
29-Jul-00	7	29	0	0	1.43	0.2	27-Jul	7	27	0	1.75	0
30-Jul-00	7	30	0	0	1.71	0.2	28-Jul	7	28	0	3.83	0
31-Jul-00	7	31	0	0	2.68	-	29-Jul	7	29	0	0	4.92
1-Aug-00	8	1	0	0	2.47	0.1	30-Jul	7	30	0	0	2.5
2-Aug-00	8	2	0	0	1.87	0.1	31-Jul	7	31	0	0	2.36
3-Aug-00	8	3	0	0	1.62	0.1	1-Aug	8	1	0	0	3.31
4-Aug-00	8	4	0	0	1.96	0.2	2-Aug	8	2	0	0	3.41
5-Aug-00	8	5	0	0	1.71	0.2	3-Aug	8	3	0	0	1.21
6-Aug-00	8	6	0	0	1.68	0.2	4-Aug	8	4	0	0	4.78
7-Aug-00	8	7	0	0	1.76	0.0	5-Aug	8	5	0	2.82	0
8-Aug-00	8	8	0	0	1.04	0.4	6-Aug	8	6	0	0	3.02
9-Aug-00	8	9	0	0	1.25	0.2	7-Aug	8	7	0	0	3.01
10-Aug-00	8	10	0	0	1.58	0.4	8-Aug	8	8	0	0	0.55
11-Aug-00	8	11	0	0	1.16	0.2	9-Aug	8	9	0	0	3.17
12-Aug-00	8	12	0	0	1.54	0.1	10-Aug	8	10	0	0	2.95
13-Aug-00	8	13	0	0	1.18	0.2	11-Aug	8	11	0	0	1.51
14-Aug-00	8	14	0	0	1.78	0.0	12-Aug	8	12	0	0	1.51
15-Aug-00	8	15	0	0	1.25	0.0	13-Aug	8	13	0	0	3.21
16-Aug-00	8	16	0	0	1.34	0.2	14-Aug	8	14	0	0	2.86
17-Aug-00	8	17	0	0	0.98	0.3	15-Aug	8	15	0	0	1.33
18-Aug-00	8	18	0	0	1.13	0.0	16-Aug	8	16	0	0	0.16
19-Aug-00	8	19	0	0	1.58	0.1	17-Aug	8	17	0	0	0
20-Aug-00	8	20	0	0	2.33	-	18-Aug	8	18	0	1.27	0
21-Aug-00	8	21	0	0	1.97	-	19-Aug	8	19	0	0	0.99
22-Aug-00	8	22	0	0	1.96	0.1	20-Aug	8	20	0	0	1.77
23-Aug-00	8	23	0	0	1.87	0.1	21-Aug	8	21	0	0	0.84
24-Aug-00	8	24	0	0	1.5	0.2	22-Aug	8	22	0	0	1.34
25-Aug-00	8	25	0	0	1.11	0.4	23-Aug	8	23	0	0	1.8
26-Aug-00	8	26	0	0	0.89	0.7	24-Aug	8	24	0	0	3.24
27-Aug-00	8	27	0	0	1.44	0.6	25-Aug	8	25	0	0	1.25
28-Aug-00	8	28	0	0	1.44	0.3	26-Aug	8	26	0	0	0
29-Aug-00	8	29	0	0	1.11	0.8	27-Aug	8	27	0	0	0
30-Aug-00	8	30	0	0	1.36	1.0	28-Aug	8	28	0	0	0
31-Aug-00	8	31	0	0	0.88	0.4	29-Aug	8	29	0	0	0
1-Sep-00	9	1	0	0	0.37	1.0	30-Aug	8	30	0	0	1.11
2-Sep-00	9	2	0	0.11	0.15	1.8	31-Aug	8	31	0	0	0
3-Sep-00	9	3	0	0	1.07	1.1	1-Sep	9	1	0	0	0
4-Sep-00	9	4	0	0	1.08	0.8	2-Sep	9	2	0	0	0
5-Sep-00	9	5	0	0	0.84	0.9	3-Sep	9	3	0	0	0
6-Sep-00	9	6	0	0	1.25	0.8	4-Sep	9	4	0	0	0.98
7-Sep-00	9	7	0	0	0.58	1.3	5-Sep	9	5	0	0	0.78
8-Sep-00	9	8	0	0	0.77	1.5	6-Sep	9	6	0	0	0
9-Sep-00	9	9	0	0.01	0.53	2.0	7-Sep	9	7	0	0	0
10-Sep-00	9	10	0	0	0.71	1.9	8-Sep	9	8	0	0	1.38
11-Sep-00	9	11	0	0	0.44	1.8	9-Sep	9	9	0	0	0.48
12-Sep-00	9	12	0	0	0.37	1.4	10-Sep	9	10	0	0	2.07
13-Sep-00	9	13	0	0.05	0.03	1.8	11-Sep	9	11	0	0	0
14-Sep-00	9	14	0	0.05	0.41	0.9	12-Sep	9	12	0	0	0
15-Sep-00	9	15	0	0.2	0.2	2.2	13-Sep	9	13	0	0	0
16-Sep-00	9	16	0	0.13	0.35	2.9	14-Sep	9	14	0	0	0.6
17-Sep-00	9	17	0	0.43	0.4	3.0	15-Sep	9	15	0	1.03	0
18-Sep-00	9	18	0	0.36	0.61	3.1	16-Sep	9	16	0	0.11	0
19-Sep-00	9	19	0	0.8	0.19	3.5	17-Sep	9	17	0	0	0.18
20-Sep-00	9	20	0	0.43	0.37	3.2	18-Sep	9	18	0	0	0
21-Sep-00	9	21	0	0.23	0.23	1.8	19-Sep	9	19	0	1.14	0
22-Sep-00	9	22	0	0.24	0.22	2.0	20-Sep	9	20	0	0	3.05
23-Sep-00	9	23	0	0.06	0.22	2.3	21-Sep	9	21	0	2.3	0
24-Sep-00	9	24	0	0.87	0	3.6	22-Sep	9	22	0	2.44	0
25-Sep-00	9	25	0	1.05	0.33	4.6	23-Sep	9	23	0	0	0
26-Sep-00	9	26	0	0.44	0.66	3.5	24-Sep	9	24	0	0	0
27-Sep-00	9	27	0	0.17	0	2.6	25-Sep	9	25			

22-Oct-00	10	22	0	3.1	0	7.5	20-Oct	10	20	0	0	0
23-Oct-00	10	23	0	2.69	0	7.7	21-Oct	10	21	0	0	0
24-Oct-00	10	24	0	3.07	0	7.7	22-Oct	10	22	0	0	0
25-Oct-00	10	25	0	4.42	0	9.0	23-Oct	10	23	0	2.89	0
26-Oct-00	10	26	0	5.36	0	9.9	24-Oct	10	24	0	1.23	0
27-Oct-00	10	27	0	5.7	0	10.6	25-Oct	10	25	0	5.8	0
28-Oct-00	10	28	0	5.73	0	10.7	26-Oct	10	26	0	6.41	0
29-Oct-00	10	29	0	3.65	0	8.5	27-Oct	10	27	0	3.97	0
30-Oct-00	10	30	0	4.36	0	9.1	28-Oct	10	28	0	9.8	0
31-Oct-00	10	31	0	5.12	0	9.9	29-Oct	10	29	0	6.72	0
1-Nov-00	11	1	0	3.86	0	8.5	30-Oct	10	30	0	10.13	0
2-Nov-00	11	2	0	3.33	0	8.3	31-Oct	10	31	0	10.31	0
3-Nov-00	11	3	0	5.54	0	10.1	1-Nov	11	1	0	6.24	0
4-Nov-00	11	4	0.08	7.39	0	12.4	2-Nov	11	2	0	3.05	0
5-Nov-00	11	5	0	7.21	0	12.2	3-Nov	11	3	0	12.98	0
6-Nov-00	11	6	0	4.46	0	9.2	4-Nov	11	4	0.76	12.76	0
7-Nov-00	11	7	0	3.99	0	8.9	5-Nov	11	5	0	4.18	0
8-Nov-00	11	8	0	6.97	0	12.0	6-Nov	11	6	0	0	0
9-Nov-00	11	9	0.08	7.09	0	12.1	7-Nov	11	7	0	0	0
10-Nov-00	11	10	0	5.86	0	10.9	8-Nov	11	8	0	6.36	0
11-Nov-00	11	11	0.05	6.13	0	11.1	9-Nov	11	9	0	2.88	0
12-Nov-00	11	12	0.11	6.38	0	11.2	10-Nov	11	10	0	1.45	0
13-Nov-00	11	13	0.14	7.06	0	11.9	11-Nov	11	11	0	0	0
14-Nov-00	11	14	0.21	8.56	0	13.6	12-Nov	11	12	0	0	0
15-Nov-00	11	15	0.43	8.06	0	13.1	13-Nov	11	13	0	6.58	0
16-Nov-00	11	16	0.11	8.16	0	13.2	14-Nov	11	14	0	8.1	0
17-Nov-00	11	17	0.21	8	0	13.0	15-Nov	11	15	0	10.13	0
18-Nov-00	11	18	0.02	8.96	0	14.0	16-Nov	11	16	0	4.38	0
19-Nov-00	11	19	0.03	8.59	0	13.6	17-Nov	11	17	0	7.36	0
20-Nov-00	11	20	0.06	7.57	0	12.6	18-Nov	11	18	0.22	13.22	0
21-Nov-00	11	21	0	8.53	0	13.5	19-Nov	11	19	0.27	13.27	0
22-Nov-00	11	22	0.97	9.73	0	14.7	20-Nov	11	20	0	3.08	0
23-Nov-00	11	23	0.81	9.34	0	14.3	21-Nov	11	21	0	3.36	0
24-Nov-00	11	24	0.26	10.1	0	15.1	22-Nov	11	22	0	12.31	0
25-Nov-00	11	25	0.61	9.69	0	14.7	23-Nov	11	23	0	4.34	0
26-Nov-00	11	26	0	8.29	0	13.3	24-Nov	11	24	0	9.89	0
27-Nov-00	11	27	0.12	8.13	0	13.1	25-Nov	11	25	0.67	13.67	0
28-Nov-00	11	28	0.47	9.21	0	14.2	26-Nov	11	26	0	4.11	0
29-Nov-00	11	29	0.64	11.37	0	16.4	27-Nov	11	27	0	1.29	0
30-Nov-00	11	30	1.56	12.12	0	17.1	28-Nov	11	28	0	4.8	0
1-Dec-00	12	1	1.07	8.55	0	14.6	29-Nov	11	29	0	8.27	0
2-Dec-00	12	2	0.42	9.71	0	14.7	30-Nov	11	30	0	7.28	0
3-Dec-00	12	3	0	7.45	0	12.5	1-Dec	12	1	0	0.63	0
4-Dec-00	12	4	0	10.16	0	15.2	2-Dec	12	2	0	2.69	0
5-Dec-00	12	5	1.11	10.66	0	15.7	3-Dec	12	3	0	7.49	0
6-Dec-00	12	6	0.56	9.04	0	14.0	4-Dec	12	4	0	4.89	0
7-Dec-00	12	7	0.57	10.92	0	15.9	5-Dec	12	5	0	2.55	0
8-Dec-00	12	8	2.16	13.13	0	18.1	6-Dec	12	6	0	5.88	0
9-Dec-00	12	9	1.93	12.39	0	17.4	7-Dec	12	7	0	10.67	0
10-Dec-00	12	10	1.13	10.26	0	15.3	8-Dec	12	8	0	11.81	0
11-Dec-00	12	11	2.12	11.94	0	16.9	9-Dec	12	9	0	11.86	0
12-Dec-00	12	12	2.42	12.83	0	17.8	10-Dec	12	10	0	11.92	0
13-Dec-00	12	13	2.25	12.6	0	17.6	11-Dec	12	11	0	11.42	0
14-Dec-00	12	14	1.67	12.83	0	17.8	12-Dec	12	12	0	8.61	0
15-Dec-00	12	15	1.58	12.53	0	17.5	13-Dec	12	13	0	5.38	0
16-Dec-00	12	16	3.92	16	0	21.0	14-Dec	12	14	0	7.82	0
17-Dec-00	12	17	3.11	15.68	0	20.7	15-Dec	12	15	1.2	14.2	0
18-Dec-00	12	18	1.73	12.09	0	17.1	16-Dec	12	16	6.82	19.82	0
19-Dec-00	12	19	1.92	13.92	0	18.9	17-Dec	12	17	5.69	18.69	0
20-Dec-00	12	20	1.5	14.02	0	19.0	18-Dec	12	18	0.12	13.12	0
21-Dec-00	12	21	0.66	11.5	0	16.5	19-Dec	12	19	0.06	13.06	0
22-Dec-00	12	22	0.82	10.44	0	15.4	20-Dec	12	20	0	12.75	0
23-Dec-00	12	23	0.13	12.05	0	17.1	21-Dec	12	21	0	5.88	0
24-Dec-00	12	24	1.05	11.53	0	16.5	22-Dec	12	22	0	9.43	0
25-Dec-00	12	25	2.66	12.64	0	17.6	23-Dec	12	23	1.07	14.07	0
26-Dec-00	12	26	3.66	14.7	0	19.7	24-Dec	12	24	0	11.4	0
27-Dec-00	12	27	2.3	14.49	0	19.5	25-Dec	12	25	0	2.9	0
28-Dec-00	12	28	2.99	13.86	0	18.9	26-Dec	12	26	0	5.28	0
29-Dec-00	12	29	2.57	14.41	0	19.4	27-Dec	12	27	0	11.54	0
30-Dec-00	12	30	3.52	16.07	0	21.1	28-Dec	12	28	0	11.7	0
31-Dec-00	12	31	4.92	16.79	0	21.8	29-Dec	12	29	0	8.9	0
							30-Dec	12	30	3.54	16.54	0
							31-Dec	12	31	0	7.83	0

Summary

Jan AM slope	-25.61
Jan PM slope	-25.22
Feb AM slope	-24.98
Feb PM slope	-26.67
Dec AM slope	-24.40
Dec PM slope	-25.61
Average	-25.42

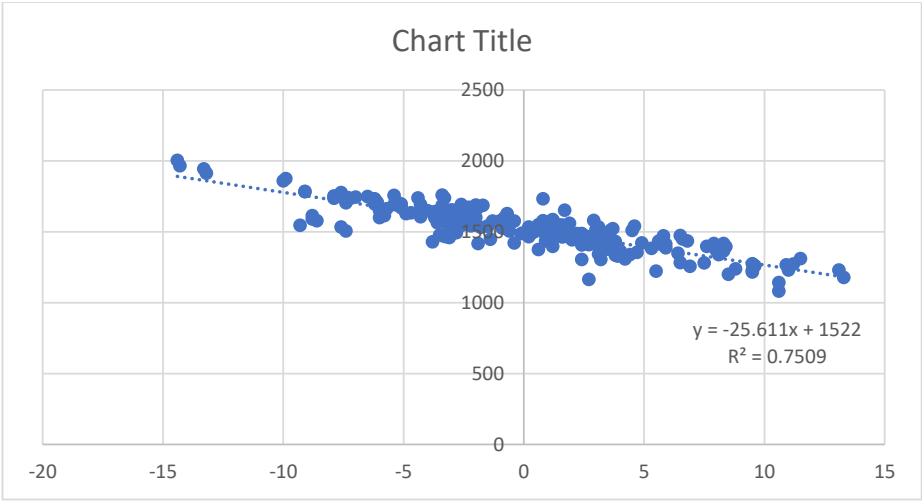
Date	Year	Month	Day	HourEnding	Temp	Load
12/1/2016	2016	12	4	8	4.7	1276.964
12/2/2016	2016	12	5	8	4.6	1212.008
12/5/2016	2016	12	1	8	-3.2	1373.484
12/6/2016	2016	12	2	8	-3.9	1413.756
12/7/2016	2016	12	3	8	-1	1426.007
12/8/2016	2016	12	4	8	-0.3	1354.763
12/9/2016	2016	12	5	8	-6.7	1339.758
12/12/2016	2016	12	1	8	-7.6	1580.321
12/13/2016	2016	12	2	8	0.1	1409.857
12/14/2016	2016	12	3	8	-3.6	1472.547
12/15/2016	2016	12	4	8	-4.3	1463.957
12/16/2016	2016	12	5	8	-15.5	1739.075
12/19/2016	2016	12	1	8	-2.8	1431.907
12/20/2016	2016	12	2	8	-13.4	1774.983
12/21/2016	2016	12	3	8	1.8	1449.081
12/22/2016	2016	12	4	8	0.4	1352.35
12/23/2016	2016	12	5	8	0.8	1261.5
12/26/2016	2016	12	1	8	-12.8	1384.818
12/27/2016	2016	12	2	8	-0.1	1234.376
12/28/2016	2016	12	3	8	-2.5	1238.367
12/29/2016	2016	12	4	8	-7.3	1309.527
12/30/2016	2016	12	5	8	3.6	1169.271
12/1/2017	2017	12	5	8	8.1	1236.149
12/4/2017	2017	12	1	8	0.8	1268.673
12/5/2017	2017	12	2	8	0.9	1295.84
12/6/2017	2017	12	3	8	8.7	1183.024
12/7/2017	2017	12	4	8	2.2	1232.386
12/8/2017	2017	12	5	8	2.1	1262.693
12/11/2017	2017	12	1	8	0.5	1322.249
12/12/2017	2017	12	2	8	-1.6	1338.891
12/13/2017	2017	12	3	8	10.1	1146.645
12/14/2017	2017	12	4	8	-1.9	1448.499
12/15/2017	2017	12	5	8	-6.4	1543.051
12/18/2017	2017	12	1	8	-12.7	1676.398
12/19/2017	2017	12	2	8	3.5	1431.854
12/20/2017	2017	12	3	8	2.2	1299.633
12/21/2017	2017	12	4	8	-5.5	1506.855
12/22/2017	2017	12	5	8	-9.1	1561.009
12/25/2017	2017	12	1	8	-3.5	1276.154
12/26/2017	2017	12	2	8	-5.1	1198.076
12/27/2017	2017	12	3	8	-9.2	1564.624
12/28/2017	2017	12	4	8	-14.1	1703.335
12/29/2017	2017	12	5	8	-10.9	1601.285
12/3/2018	2018	12	1	8	8.9	1150.115
12/4/2018	2018	12	2	8	0.5	1287.488
12/5/2018	2018	12	3	8	-6	1491.77
12/6/2018	2018	12	4	8	-4.1	1505.301
12/7/2018	2018	12	5	8	-3.1	1506.315
12/10/2018	2018	12	1	8	-3.5	1543.585
12/11/2018	2018	12	2	8	-11.1	1648.024
12/12/2018	2018	12	3	8	-9.3	1652.793
12/13/2018	2018	12	4	8	-9.8	1693.597
12/14/2018	2018	12	5	8	-5	1669.538
12/17/2018	2018	12	1	8	1.8	1376.616
12/18/2018	2018	12	2	8	0.2	1360.507
12/19/2018	2018	12	3	8	-3.4	1538.354
12/20/2018	2018	12	4	8	-3.7	1561.065
12/21/2018	2018	12	5	8	0	1432.128
12/24/2018	2018	12	1	8	-6	1409.574
12/25/2018	2018	12	2	8	-7	1420.814
12/26/2018	2018	12	3	8	-10.4	1486.461
12/27/2018	2018	12	4	8	-8.8	1531.583
12/28/2018	2018	12	5	8	-11.2	1589.622
12/31/2018	2018	12	1	8	-11.3	1610.444
12/2/2019	2019	12	1	8	-3.6	1503.459
12/3/2019	2019	12	2	8	1.5	1397.054
12/4/2019	2019	12	3	8	1.9	1282.449
12/5/2019	2019	12	4	8	-0.3	1375.652
12/6/2019	2019	12	5	8	0.8	1358.996
12/9/2019	2019	12	1	8	5.4	1365.436
12/10/2019	2019	12	2	8	11.9	1046.507
12/11/2019	2019	12	3	8	2.1	1217.31
12/12/2019	2019	12	4	8	-2.8	1484.9
12/13/2019	2019	12	5	8	-8.4	1672.524
12/16/2019	2019	12	1	8	-2.5	1492.79
12/17/2019	2019	12	2	8	-4.4	1566.565
12/18/2019	2019	12	3	8	-3.7	1476.412
12/19/2019	2019	12	4	8	-7.3	1566.626
12/20/2019	2019	12	5	8	-9	1669.785
12/23/2019	2019	12	1	8	0.2	1310.648
12/24/2019	2019	12	2	8	2.4	1248.458
12/25/2019	2019	12	3	8	-2.8	1317.412
12/26/2019	2019	12	4	8	-8.3	1398.022
12/27/2019	2019	12	5	8	-7.8	1524.492
12/30/2019	2019	12	1	8	-4.4	1374.854



12/31/2019	2019	12	2	8	0.2	1317.734
12/1/2020	2020	12	2	8	12	1031.551766
12/2/2020	2020	12	3	8	12.3	981.4791668
12/3/2020	2020	12	4	8	6.3	1070.418377
12/4/2020	2020	12	5	8	8.4	1160.529382
12/7/2020	2020	12	1	8	1.2	1229.785756
12/8/2020	2020	12	2	8	-0.1	1271.354458
12/9/2020	2020	12	3	8	-0.1	1297.916135
12/10/2020	2020	12	4	8	1	1303.832004
12/11/2020	2020	12	5	8	-0.1	1304.821034
12/14/2020	2020	12	1	8	5.6	1140.090214
12/15/2020	2020	12	2	8	-0.6	1312.678864
12/16/2020	2020	12	3	8	-9	1636.13985
12/17/2020	2020	12	4	8	-8.8	1587.086367
12/18/2020	2020	12	5	8	-0.8	1397.072801
12/21/2020	2020	12	1	8	7.1	1211.398267
12/22/2020	2020	12	2	8	3.3	1154.123992
12/23/2020	2020	12	3	8	1.1	1282.689534
12/24/2020	2020	12	4	8	-4.9	1413.849328
12/25/2020	2020	12	5	8	9.4	972.363091
12/28/2020	2020	12	1	8	-3.7	1337.432957
12/29/2020	2020	12	2	8	6.5	1074.103685
12/30/2020	2020	12	3	8	-5.7	1430.311315
12/31/2020	2020	12	4	8	7.2	1176.68678
12/1/2016	2016	12	4	9	4.7	1326.939
12/2/2016	2016	12	5	9	4.3	1244.787
12/5/2016	2016	12	1	9	-3.5	1412.597
12/6/2016	2016	12	2	9	-3.7	1437.407
12/7/2016	2016	12	3	9	0.5	1452.063
12/8/2016	2016	12	4	9	-0.5	1373.141
12/9/2016	2016	12	5	9	-7.3	1358.094
12/12/2016	2016	12	1	9	-7.2	1614.232
12/13/2016	2016	12	2	9	-1.1	1437.032
12/14/2016	2016	12	3	9	-2.7	1474.899
12/15/2016	2016	12	4	9	-4.6	1493.667
12/16/2016	2016	12	5	9	-15.5	1802.979
12/19/2016	2016	12	1	9	-3.3	1483.077
12/20/2016	2016	12	2	9	-13.1	1796.287
12/21/2016	2016	12	3	9	2.2	1462.06
12/22/2016	2016	12	4	9	-0.6	1407.136
12/23/2016	2016	12	5	9	0.8	1334.581
12/26/2016	2016	12	1	9	-13.1	1445.198
12/27/2016	2016	12	2	9	1.3	1282.95
12/28/2016	2016	12	3	9	-2.6	1298.699
12/29/2016	2016	12	4	9	-7.7	1369.432
12/30/2016	2016	12	5	9	1.6	1229.027
12/1/2017	2017	12	5	9	8.2	1251.064
12/4/2017	2017	12	1	9	1.3	1301.424
12/5/2017	2017	12	2	9	1.1	1324.566
12/6/2017	2017	12	3	9	8.9	1211.77
12/7/2017	2017	12	4	9	1.5	1264.571
12/8/2017	2017	12	5	9	1.8	1277.894
12/11/2017	2017	12	1	9	0.3	1352.969
12/12/2017	2017	12	2	9	-1.4	1372.718
12/13/2017	2017	12	3	9	10.6	1169.917
12/14/2017	2017	12	4	9	-1.5	1463.674
12/15/2017	2017	12	5	9	-6.6	1569.204
12/18/2017	2017	12	1	9	-12.8	1708.373
12/19/2017	2017	12	2	9	4.4	1450.128
12/20/2017	2017	12	3	9	1.8	1328.459
12/21/2017	2017	12	4	9	-6	1555.152
12/22/2017	2017	12	5	9	-9	1627.102
12/25/2017	2017	12	1	9	-3.8	1376.177
12/26/2017	2017	12	2	9	-5	1271.257
12/27/2017	2017	12	3	9	-9.4	1642.356
12/28/2017	2017	12	4	9	-14.2	1769.083
12/29/2017	2017	12	5	9	-10.7	1665.121
12/3/2018	2018	12	1	9	9.3	1162.335
12/4/2018	2018	12	2	9	0.1	1318.145
12/5/2018	2018	12	3	9	-6	1508.197
12/6/2018	2018	12	4	9	-4.4	1525.512
12/7/2018	2018	12	5	9	-2.3	1515.298
12/10/2018	2018	12	1	9	-4.4	1559.661
12/11/2018	2018	12	2	9	-11.5	1664.684
12/12/2018	2018	12	3	9	-9.1	1654.21
12/13/2018	2018	12	4	9	-9.9	1709.249
12/14/2018	2018	12	5	9	-4.5	1662.687
12/17/2018	2018	12	1	9	1.8	1417.338
12/18/2018	2018	12	2	9	0	1419.678
12/19/2018	2018	12	3	9	-3.9	1568.549
12/20/2018	2018	12	4	9	-4.1	1572.116
12/21/2018	2018	12	5	9	0.1	1457.801
12/24/2018	2018	12	1	9	-6.3	1498.006
12/25/2018	2018	12	2	9	-7.4	1514.817
12/26/2018	2018	12	3	9	-10.7	1538.76
12/27/2018	2018	12	4	9	-9.8	1612.257

12/28/2018	2018	12	5	9	-10.9	1649.318
12/31/2018	2018	12	1	9	-11.3	1669.413
12/2/2019	2019	12	1	9	-3.1	1529.079
12/3/2019	2019	12	2	9	2.1	1415.904
12/4/2019	2019	12	3	9	1.8	1314.712
12/5/2019	2019	12	4	9	-0.1	1396.296
12/6/2019	2019	12	5	9	1	1392.287
12/9/2019	2019	12	1	9	5.9	1380.562
12/10/2019	2019	12	2	9	12.4	1076.33
12/11/2019	2019	12	3	9	1.7	1280.643
12/12/2019	2019	12	4	9	-2.6	1491.381
12/13/2019	2019	12	5	9	-8.2	1692.954
12/16/2019	2019	12	1	9	-3	1533.525
12/17/2019	2019	12	2	9	-4.5	1590.901
12/18/2019	2019	12	3	9	-3.8	1508.595
12/19/2019	2019	12	4	9	-7.1	1597.468
12/20/2019	2019	12	5	9	-7.5	1684.777
12/23/2019	2019	12	1	9	-0.2	1401.708
12/24/2019	2019	12	2	9	1.9	1349.616
12/25/2019	2019	12	3	9	-2.8	1404.356
12/26/2019	2019	12	4	9	-8.7	1475.113
12/27/2019	2019	12	5	9	-9	1544.416
12/30/2019	2019	12	1	9	-4.4	1436.057
12/31/2019	2019	12	2	9	0.5	1375.609
12/1/2020	2020	12	2	9	12	1072.235493
12/2/2020	2020	12	3	9	11.4	1021.151493
12/3/2020	2020	12	4	9	6.1	1116.207395
12/4/2020	2020	12	5	9	8.4	1201.906066
12/7/2020	2020	12	1	9	1.5	1278.54658
12/8/2020	2020	12	2	9	0.1	1312.592433
12/9/2020	2020	12	3	9	0.1	1334.268322
12/10/2020	2020	12	4	9	0.7	1342.092206
12/11/2020	2020	12	5	9	0.1	1345.592324
12/14/2020	2020	12	1	9	4.6	1193.099506
12/15/2020	2020	12	2	9	-0.6	1358.548777
12/16/2020	2020	12	3	9	-8.7	1669.367657
12/17/2020	2020	12	4	9	-8.4	1634.988661
12/18/2020	2020	12	5	9	-0.5	1438.185738
12/21/2020	2020	12	1	9	7.4	1274.52486
12/22/2020	2020	12	2	9	3.2	1234.263873
12/23/2020	2020	12	3	9	1.1	1350.000973
12/24/2020	2020	12	4	9	-3.3	1485.500153
12/25/2020	2020	12	5	9	9.6	1048.192801
12/28/2020	2020	12	1	9	-3.6	1393.809064
12/29/2020	2020	12	2	9	7.6	1134.546388
12/30/2020	2020	12	3	9	-5.6	1492.717021
12/31/2020	2020	12	4	9	8.4	1226.141262

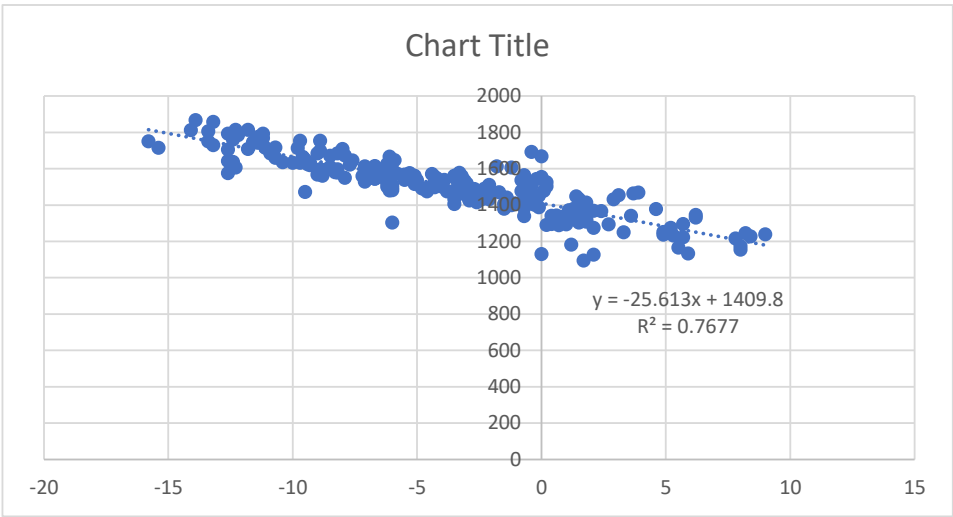
Date	Year	Month	Day	Hour	Ending Temp	Load
12/1/2016	2016	12	4	18	7.9	1416.985
12/2/2016	2016	12	5	18	3.8	1334.853
12/5/2016	2016	12	1	18	-0.4	1575.374
12/6/2016	2016	12	2	18	-0.7	1520.778
12/7/2016	2016	12	3	18	4.6	1540.309
12/8/2016	2016	12	4	18	-1.4	1447.68
12/9/2016	2016	12	5	18	-7.6	1534.23
12/12/2016	2016	12	1	18	0.8	1732.398
12/13/2016	2016	12	2	18	-2.7	1595
12/14/2016	2016	12	3	18	1.4	1552.196
12/15/2016	2016	12	4	18	-2.3	1653.024
12/16/2016	2016	12	5	18	-14.4	2003.298
12/19/2016	2016	12	1	18	-7.6	1776.303
12/20/2016	2016	12	2	18	-5.1	1697.404
12/21/2016	2016	12	3	18	2.1	1470.953
12/22/2016	2016	12	4	18	3	1514.998
12/23/2016	2016	12	5	18	1.2	1486.362
12/26/2016	2016	12	1	18	-8.8	1589.645
12/27/2016	2016	12	2	18	4	1364.313
12/28/2016	2016	12	3	18	-2.8	1494.621
12/29/2016	2016	12	4	18	-3.2	1487.21
12/30/2016	2016	12	5	18	1.2	1398.297
12/1/2017	2017	12	5	18	9.5	1275.256
12/4/2017	2017	12	1	18	3	1449.241
12/5/2017	2017	12	2	18	3	1438.391
12/6/2017	2017	12	3	18	11.5	1311.148
12/7/2017	2017	12	4	18	4.7	1355.697
12/8/2017	2017	12	5	18	4.4	1339.637
12/11/2017	2017	12	1	18	3.6	1509.266
12/12/2017	2017	12	2	18	6.5	1474.13
12/13/2017	2017	12	3	18	5.3	1384.183
12/14/2017	2017	12	4	18	0.6	1550.158
12/15/2017	2017	12	5	18	-2.4	1592.865
12/18/2017	2017	12	1	18	-4.4	1739.127
12/19/2017	2017	12	2	18	3.7	1521.265
12/20/2017	2017	12	3	18	1.8	1480.28
12/21/2017	2017	12	4	18	-4	1648.657
12/22/2017	2017	12	5	18	-4.2	1654.4
12/25/2017	2017	12	1	18	5.5	1222.81
12/26/2017	2017	12	2	18	-2.7	1585.277
12/27/2017	2017	12	3	18	-9.9	1875.659
12/28/2017	2017	12	4	18	-13.3	1943.213
12/29/2017	2017	12	5	18	-7.3	1741.655
12/3/2018	2018	12	1	18	7.5	1280.902
12/4/2018	2018	12	2	18	-1.3	1575.14
12/5/2018	2018	12	3	18	-3.2	1581.178
12/6/2018	2018	12	4	18	-3	1602.819
12/7/2018	2018	12	5	18	0.2	1514.86
12/10/2018	2018	12	1	18	-5.1	1670.069
12/11/2018	2018	12	2	18	-4.2	1645.28
12/12/2018	2018	12	3	18	-6.5	1749.558
12/13/2018	2018	12	4	18	-5.3	1714.546
12/14/2018	2018	12	5	18	1.2	1554.805
12/17/2018	2018	12	1	18	2.9	1580.433
12/18/2018	2018	12	2	18	-1.7	1686.496
12/19/2018	2018	12	3	18	-3	1654.702
12/20/2018	2018	12	4	18	1.3	1542.657
12/21/2018	2018	12	5	18	5.6	1432.539
12/24/2018	2018	12	1	18	-3.1	1538.367
12/25/2018	2018	12	2	18	-8.8	1613.333
12/26/2018	2018	12	3	18	-2.2	1541.721
12/27/2018	2018	12	4	18	-9.1	1785.819
12/28/2018	2018	12	5	18	-3.4	1759.049
12/31/2018	2018	12	1	18	-3.7	1643.313
12/2/2019	2019	12	1	18	0.8	1578.181
12/3/2019	2019	12	2	18	6.6	1449.707
12/4/2019	2019	12	3	18	1.6	1481.18
12/5/2019	2019	12	4	18	3	1454.819
12/6/2019	2019	12	5	18	0.4	1498.66
12/9/2019	2019	12	1	18	8.3	1417.353
12/10/2019	2019	12	2	18	11.2	1271.835
12/11/2019	2019	12	3	18	-2.3	1601.698
12/12/2019	2019	12	4	18	-5.4	1691.85
12/13/2019	2019	12	5	18	1.2	1581.249
12/16/2019	2019	12	1	18	-2	1689.36
12/17/2019	2019	12	2	18	-0.7	1627.379
12/18/2019	2019	12	3	18	-3	1650.208
12/19/2019	2019	12	4	18	-7	1744.936
12/20/2019	2019	12	5	18	1.2	1585.255
12/23/2019	2019	12	1	18	0.7	1517.625
12/24/2019	2019	12	2	18	-0.1	1488.125
12/25/2019	2019	12	3	18	-3.2	1465.767
12/26/2019	2019	12	4	18	-5.8	1613.669
12/27/2019	2019	12	5	18	1.3	1552.036
12/30/2019	2019	12	1	18	-1	1575.554



12/31/2019	2019	12	2	18	1.9	1559.235
12/1/2020	2020	12	2	18	13.1	1231.207971
12/2/2020	2020	12	3	18	8.8	1238.03778
12/3/2020	2020	12	4	18	4.2	1323.950883
12/4/2020	2020	12	5	18	9.6	1261.039846
12/7/2020	2020	12	1	18	2.6	1453.098774
12/8/2020	2020	12	2	18	2.6	1468.047155
12/9/2020	2020	12	3	18	2.4	1488.052353
12/10/2020	2020	12	4	18	1.2	1479.076987
12/11/2020	2020	12	5	18	3.3	1422.064484
12/14/2020	2020	12	1	18	3.8	1432.012611
12/15/2020	2020	12	2	18	-2.7	1662.370724
12/16/2020	2020	12	3	18	-5.4	1756.087135
12/17/2020	2020	12	4	18	-3.3	1738.711043
12/18/2020	2020	12	5	18	1.1	1573.170449
12/21/2020	2020	12	1	18	8.4	1395.47496
12/22/2020	2020	12	2	18	3.2	1451.830122
12/23/2020	2020	12	3	18	-3.1	1590.093105
12/24/2020	2020	12	4	18	6.4	1349.334769
12/25/2020	2020	12	5	18	10.6	1141.700156
12/28/2020	2020	12	1	18	5.8	1471.133261
12/29/2020	2020	12	2	18	1.9	1460.907707
12/30/2020	2020	12	3	18	-2	1603.182857
12/31/2020	2020	12	4	18	4.9	1421.024832
12/1/2016	2016	12	4	19	8	1366.395
12/2/2016	2016	12	5	19	3.2	1303.936
12/5/2016	2016	12	1	19	-1.5	1540.873
12/6/2016	2016	12	2	19	-0.6	1505.182
12/7/2016	2016	12	3	19	4.5	1510.561
12/8/2016	2016	12	4	19	-1.9	1416.392
12/9/2016	2016	12	5	19	-7.4	1505.656
12/12/2016	2016	12	1	19	1.7	1652.964
12/13/2016	2016	12	2	19	-3.2	1577.757
12/14/2016	2016	12	3	19	0.9	1520.572
12/15/2016	2016	12	4	19	-3.2	1640.126
12/16/2016	2016	12	5	19	-14.3	1965.845
12/19/2016	2016	12	1	19	-7.9	1752.256
12/20/2016	2016	12	2	19	-5.2	1685.519
12/21/2016	2016	12	3	19	1.7	1476.37
12/22/2016	2016	12	4	19	2.4	1483.555
12/23/2016	2016	12	5	19	1	1459.244
12/26/2016	2016	12	1	19	-9.3	1546.209
12/27/2016	2016	12	2	19	3.1	1343.724
12/28/2016	2016	12	3	19	-3.3	1467.18
12/29/2016	2016	12	4	19	-3.1	1458.628
12/30/2016	2016	12	5	19	0.6	1374.761
12/1/2017	2017	12	5	19	9.5	1229.229
12/4/2017	2017	12	1	19	2.7	1409.407
12/5/2017	2017	12	2	19	3.1	1404.175
12/6/2017	2017	12	3	19	10.9	1267.121
12/7/2017	2017	12	4	19	3.9	1328.417
12/8/2017	2017	12	5	19	4.2	1308.922
12/11/2017	2017	12	1	19	3.3	1463.137
12/12/2017	2017	12	2	19	6.8	1434.548
12/13/2017	2017	12	3	19	3.5	1376.53
12/14/2017	2017	12	4	19	0.5	1521.513
12/15/2017	2017	12	5	19	-2.8	1567.044
12/18/2017	2017	12	1	19	-4.3	1692.849
12/19/2017	2017	12	2	19	3	1486.046
12/20/2017	2017	12	3	19	1.3	1472.091
12/21/2017	2017	12	4	19	-4.7	1633.671
12/22/2017	2017	12	5	19	-4.3	1627.269
12/25/2017	2017	12	1	19	2.7	1163.641
12/26/2017	2017	12	2	19	-3	1568.41
12/27/2017	2017	12	3	19	-10	1859.89
12/28/2017	2017	12	4	19	-13.2	1913.855
12/29/2017	2017	12	5	19	-7.4	1704.752
12/3/2018	2018	12	1	19	6.9	1256.054
12/4/2018	2018	12	2	19	-1.5	1539.286
12/5/2018	2018	12	3	19	-3.6	1564.567
12/6/2018	2018	12	4	19	-2.6	1581.519
12/7/2018	2018	12	5	19	0.3	1487.208
12/10/2018	2018	12	1	19	-6	1649.534
12/11/2018	2018	12	2	19	-4.9	1628.339
12/12/2018	2018	12	3	19	-6.1	1709.292
12/13/2018	2018	12	4	19	-6.2	1695.888
12/14/2018	2018	12	5	19	1	1505.956
12/17/2018	2018	12	1	19	3.1	1534.116
12/18/2018	2018	12	2	19	-1.9	1669.552
12/19/2018	2018	12	3	19	-3.4	1639.319
12/20/2018	2018	12	4	19	-0.9	1525.28
12/21/2018	2018	12	5	19	5.9	1388.108
12/24/2018	2018	12	1	19	-3.5	1477.359
12/25/2018	2018	12	2	19	-8.6	1578.397
12/26/2018	2018	12	3	19	-2.6	1544.822
12/27/2018	2018	12	4	19	-9.1	1783.964

12/28/2018	2018	12	5	19	-2.6	1692.602
12/31/2018	2018	12	1	19	-4.3	1607.132
12/2/2019	2019	12	1	19	0.2	1533.53
12/3/2019	2019	12	2	19	7.6	1397.071
12/4/2019	2019	12	3	19	1.6	1463.013
12/5/2019	2019	12	4	19	3.3	1435.949
12/6/2019	2019	12	5	19	0.2	1466.169
12/9/2019	2019	12	1	19	8.3	1364.513
12/10/2019	2019	12	2	19	11	1230.018
12/11/2019	2019	12	3	19	-2.8	1556.795
12/12/2019	2019	12	4	19	-5.7	1663.203
12/13/2019	2019	12	5	19	1.6	1547.725
12/16/2019	2019	12	1	19	-2.3	1672.359
12/17/2019	2019	12	2	19	-0.8	1599.201
12/18/2019	2019	12	3	19	-3.7	1600.056
12/19/2019	2019	12	4	19	-7.9	1736.641
12/20/2019	2019	12	5	19	1	1541.241
12/23/2019	2019	12	1	19	0.9	1481.054
12/24/2019	2019	12	2	19	-0.4	1421.088
12/25/2019	2019	12	3	19	-3.8	1429.55
12/26/2019	2019	12	4	19	-6	1600.029
12/27/2019	2019	12	5	19	0.6	1510.62
12/30/2019	2019	12	1	19	-1.8	1532.357
12/31/2019	2019	12	2	19	2.2	1487.347
12/1/2020	2020	12	2	19	13.3	1178.893557
12/2/2020	2020	12	3	19	8.5	1200.326945
12/3/2020	2020	12	4	19	2.4	1305.228917
12/4/2020	2020	12	5	19	9.5	1216.246338
12/7/2020	2020	12	1	19	2.4	1406.557543
12/8/2020	2020	12	2	19	2.6	1431.072456
12/9/2020	2020	12	3	19	2	1443.71956
12/10/2020	2020	12	4	19	1.2	1442.699134
12/11/2020	2020	12	5	19	3.2	1378.743528
12/14/2020	2020	12	1	19	3.7	1385.534108
12/15/2020	2020	12	2	19	-3.1	1636.67835
12/16/2020	2020	12	3	19	-6.2	1733.02505
12/17/2020	2020	12	4	19	-3.4	1686.377933
12/18/2020	2020	12	5	19	1	1525.475161
12/21/2020	2020	12	1	19	8.1	1338.471805
12/22/2020	2020	12	2	19	2.5	1421.296388
12/23/2020	2020	12	3	19	-3.4	1570.251806
12/24/2020	2020	12	4	19	6.5	1283.501021
12/25/2020	2020	12	5	19	10.6	1081.614967
12/28/2020	2020	12	1	19	5.9	1414.287132
12/29/2020	2020	12	2	19	0.9	1434.71922
12/30/2020	2020	12	3	19	-2.1	1564.431873
12/31/2020	2020	12	4	19	3.7	1368.198842

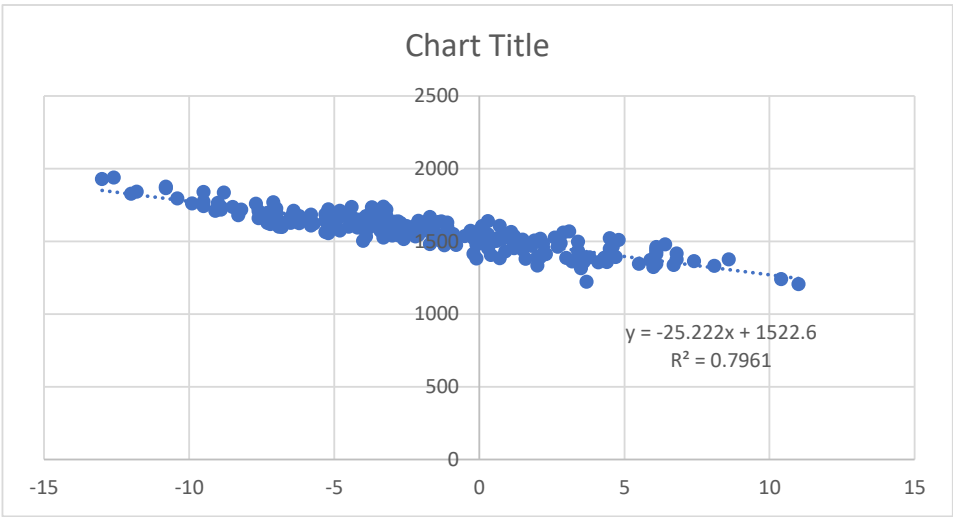
Date	Year	Month	Day	HourEnding	Temp	Load
1/1/2016	2016	1	5	8		
1/4/2016	2016	1	1	8	-1.5	1380.152
1/5/2016	2016	1	2	8	-12.3	1606.003
1/6/2016	2016	1	3	8	-3.3	1576.811
1/7/2016	2016	1	4	8	-2.7	1488.919
1/8/2016	2016	1	5	8	-3.8	1475.096
1/11/2016	2016	1	1	8	9	1239.27
1/12/2016	2016	1	2	8	-4.6	1475.217
1/13/2016	2016	1	3	8	0.2	1291.199
1/14/2016	2016	1	4	8	-6	1511.272
1/15/2016	2016	1	5	8	-9.4	1624.13
1/18/2016	2016	1	1	8	-3.5	1406.06
1/19/2016	2016	1	2	8	-7.1	1529.373
1/20/2016	2016	1	3	8	-5.8	1572.397
1/21/2016	2016	1	4	8	-6.7	1545.572
1/22/2016	2016	1	5	8	-9	1567.882
1/25/2016	2016	1	1	8	-6.4	1554.401
1/26/2016	2016	1	2	8	0	1555.166
1/27/2016	2016	1	3	8	4.9	1236.891
1/28/2016	2016	1	4	8	-6	1495.462
1/29/2016	2016	1	5	8	1.5	1302.996
1/2/2017	2017	1	1	8		
1/3/2017	2017	1	2	8	-9.5	1472.79
1/4/2017	2017	1	3	8	3.6	1341.096
1/5/2017	2017	1	4	8	3.3	1250.067
1/6/2017	2017	1	5	8	2.4	1366.043
1/9/2017	2017	1	1	8	-15.4	1714.999
1/10/2017	2017	1	2	8	-14.1	1813.045
1/11/2017	2017	1	3	8	2.9	1431.671
1/12/2017	2017	1	4	8	1.7	1358.838
1/13/2017	2017	1	5	8	8	1155.26
1/16/2017	2017	1	1	8	-13.2	1729.286
1/17/2017	2017	1	2	8	-0.1	1451.393
1/18/2017	2017	1	3	8	-9.7	1631.901
1/19/2017	2017	1	4	8	-2.3	1490.448
1/20/2017	2017	1	5	8	-0.3	1402.363
1/23/2017	2017	1	1	8	-3	1451.276
1/24/2017	2017	1	2	8	-2.4	1432.335
1/25/2017	2017	1	3	8	5.2	1274.23
1/26/2017	2017	1	4	8	1.8	1307.984
1/27/2017	2017	1	5	8	1	1293.449
1/30/2017	2017	1	1	8	-2.9	1424.366
1/31/2017	2017	1	2	8	-2.6	1415.644
1/1/2018	2018	1	1	8		
1/2/2018	2018	1	2	8	-12.4	1638.095
1/3/2018	2018	1	3	8	-11.4	1775.603
1/4/2018	2018	1	4	8	-0.6	1471.498
1/5/2018	2018	1	5	8	1.7	1094.659
1/8/2018	2018	1	1	8	0	1667.466
1/9/2018	2018	1	2	8	1.8	1413.266
1/10/2018	2018	1	3	8	-6.7	1615.073
1/11/2018	2018	1	4	8	3.7	1463.239
1/12/2018	2018	1	5	8	7.8	1216.43
1/15/2018	2018	1	1	8	-6.3	1560.595
1/16/2018	2018	1	2	8	-4.4	1501.994
1/17/2018	2018	1	3	8	-5.1	1533.927
1/18/2018	2018	1	4	8	-1.1	1409.639
1/19/2018	2018	1	5	8	-8.3	1580.349
1/22/2018	2018	1	1	8	-8.2	1579.347
1/23/2018	2018	1	2	8	-8.2	1596.176
1/24/2018	2018	1	3	8	5.7	1223.419
1/25/2018	2018	1	4	8	-6.9	1550.071
1/26/2018	2018	1	5	8	-10.9	1683.908
1/29/2018	2018	1	1	8	-0.7	1384.372
1/30/2018	2018	1	2	8	-6	1481.566
1/31/2018	2018	1	3	8	-10	1632.29
1/1/2019	2019	1	2	8		
1/2/2019	2019	1	3	8	-8.8	1561.534
1/3/2019	2019	1	4	8	-11.6	1746.224
1/4/2019	2019	1	5	8	-4.2	1546.919
1/7/2019	2019	1	1	8	-5.2	1540.503
1/8/2019	2019	1	2	8	-8.5	1671.563
1/9/2019	2019	1	3	8	1.5	1408.897
1/10/2019	2019	1	4	8	1.1	1371.252
1/11/2019	2019	1	5	8	-2.1	1452.87
1/14/2019	2019	1	1	8	-12.2	1784.173
1/15/2019	2019	1	2	8	-9	1683.549
1/16/2019	2019	1	3	8	-6.1	1633.854
1/17/2019	2019	1	4	8	-6.5	1575.49
1/18/2019	2019	1	5	8	-12.6	1792.831
1/21/2019	2019	1	1	8	2.1	1273.896
1/22/2019	2019	1	2	8	-9.6	1665.315



1/23/2019	2019	1	3	8	-9.7	1753.351
1/24/2019	2019	1	4	8	6.2	1330.82
1/25/2019	2019	1	5	8	5.9	1133.494
1/28/2019	2019	1	1	8	1.7	1315.905
1/29/2019	2019	1	2	8	-10.4	1635.949
1/30/2019	2019	1	3	8	0.1	1478.963
1/31/2019	2019	1	4	8	-3	1518.754
1/1/2020	2020	1	3	8		
1/2/2020	2020	1	4	8	0.7	1289.187
1/3/2020	2020	1	5	8	0.4	1294.943
1/6/2020	2020	1	1	8	-6.2	1522.827
1/7/2020	2020	1	2	8	-5	1513.635
1/8/2020	2020	1	3	8	-0.1	1388.214
1/9/2020	2020	1	4	8	-4.2	1509.22
1/10/2020	2020	1	5	8	-11.8	1708.651
1/13/2020	2020	1	1	8	-4.3	1523.699
1/14/2020	2020	1	2	8	-0.4	1506.806
1/15/2020	2020	1	3	8	-3.1	1534.525
1/16/2020	2020	1	4	8	-5.1	1516.228
1/17/2020	2020	1	5	8	-7.6	1645.027
1/20/2020	2020	1	1	8	-3.4	1538.951
1/21/2020	2020	1	2	8	-11.4	1742.612
1/22/2020	2020	1	3	8	-13.2	1857.236
1/23/2020	2020	1	4	8	-1.8	1613.215
1/24/2020	2020	1	5	8	-3.2	1480.178
1/27/2020	2020	1	1	8	1.8	1317.225
1/28/2020	2020	1	2	8	-1.2	1399.246
1/29/2020	2020	1	3	8	-3.5	1478.84
1/30/2020	2020	1	4	8	-7.9	1673.171
1/31/2020	2020	1	5	8	-6.1	1666.404
1/1/2016	2016	1	5	9	0	1129.851
1/4/2016	2016	1	1	9	-1.5	1405.158
1/5/2016	2016	1	2	9	-12.6	1641.415
1/6/2016	2016	1	3	9	-3.5	1555.294
1/7/2016	2016	1	4	9	-4.3	1497.996
1/8/2016	2016	1	5	9	-4	1501.783
1/11/2016	2016	1	1	9	8.2	1245.432
1/12/2016	2016	1	2	9	-4.8	1491.571
1/13/2016	2016	1	3	9	1.3	1337.613
1/14/2016	2016	1	4	9	-6.7	1545.623
1/15/2016	2016	1	5	9	-9.3	1630.209
1/18/2016	2016	1	1	9	-3.5	1433.279
1/19/2016	2016	1	2	9	-7.9	1550.469
1/20/2016	2016	1	3	9	-5.5	1568.193
1/21/2016	2016	1	4	9	-7.2	1558.813
1/22/2016	2016	1	5	9	-8.9	1596.416
1/25/2016	2016	1	1	9	-5.3	1575.156
1/26/2016	2016	1	2	9	-0.2	1542.925
1/27/2016	2016	1	3	9	4.9	1252.268
1/28/2016	2016	1	4	9	-6.1	1479.5
1/29/2016	2016	1	5	9	1.2	1345.441
1/2/2017	2017	1	1	9	-6	1303.175
1/3/2017	2017	1	2	9	-6.2	1500.542
1/4/2017	2017	1	3	9	4.6	1377.898
1/5/2017	2017	1	4	9	2.7	1293.986
1/6/2017	2017	1	5	9	1.6	1413.935
1/9/2017	2017	1	1	9	-15.8	1750.44
1/10/2017	2017	1	2	9	-11.8	1814.356
1/11/2017	2017	1	3	9	3.1	1453.469
1/12/2017	2017	1	4	9	2.1	1368.545
1/13/2017	2017	1	5	9	8	1174.4
1/16/2017	2017	1	1	9	-13.4	1751.441
1/17/2017	2017	1	2	9	-0.8	1476.586
1/18/2017	2017	1	3	9	-9.6	1661.323
1/19/2017	2017	1	4	9	-2.1	1510.218
1/20/2017	2017	1	5	9	-0.7	1427.302
1/23/2017	2017	1	1	9	-3.5	1478.205
1/24/2017	2017	1	2	9	-1.7	1470.986
1/25/2017	2017	1	3	9	5.7	1294.916
1/26/2017	2017	1	4	9	1.8	1323.031
1/27/2017	2017	1	5	9	0.9	1337.017
1/30/2017	2017	1	1	9	-2.4	1448.255
1/31/2017	2017	1	2	9	-2.8	1449.505
1/1/2018	2018	1	1	9	-12.6	1575.191
1/2/2018	2018	1	2	9	-12.6	1705.892
1/3/2018	2018	1	3	9	-11.2	1793.331
1/4/2018	2018	1	4	9	0.2	1526.308
1/5/2018	2018	1	5	9	1.2	1182.135
1/8/2018	2018	1	1	9	-0.4	1692.955
1/9/2018	2018	1	2	9	1.5	1432.605
1/10/2018	2018	1	3	9	-6.2	1625.558
1/11/2018	2018	1	4	9	3.9	1468.498
1/12/2018	2018	1	5	9	8.4	1226.811

1/15/2018	2018	1	1	9	-6	1596.324
1/16/2018	2018	1	2	9	-4.3	1526.143
1/17/2018	2018	1	3	9	-5.1	1561.275
1/18/2018	2018	1	4	9	-1.4	1440.578
1/19/2018	2018	1	5	9	-8.7	1593.259
1/22/2018	2018	1	1	9	-8.5	1609.272
1/23/2018	2018	1	2	9	-7.7	1622.439
1/24/2018	2018	1	3	9	5.3	1232.662
1/25/2018	2018	1	4	9	-7.1	1553.854
1/26/2018	2018	1	5	9	-11.1	1714.911
1/29/2018	2018	1	1	9	-2.1	1432.084
1/30/2018	2018	1	2	9	-5.5	1538.175
1/31/2018	2018	1	3	9	-9.5	1649.607
1/1/2019	2019	1	2	9	-0.7	1338.861
1/2/2019	2019	1	3	9	-9.3	1619.923
1/3/2019	2019	1	4	9	-11.2	1768.59
1/4/2019	2019	1	5	9	-0.7	1564.35
1/7/2019	2019	1	1	9	-6.2	1581.335
1/8/2019	2019	1	2	9	-8.2	1684.776
1/9/2019	2019	1	3	9	1.4	1447.868
1/10/2019	2019	1	4	9	1.3	1380.471
1/11/2019	2019	1	5	9	-2.2	1494.278
1/14/2019	2019	1	1	9	-13.4	1805.981
1/15/2019	2019	1	2	9	-8.9	1699.158
1/16/2019	2019	1	3	9	-5.9	1646.278
1/17/2019	2019	1	4	9	-7.1	1613.308
1/18/2019	2019	1	5	9	-12.3	1813.436
1/21/2019	2019	1	1	9	1.5	1327.595
1/22/2019	2019	1	2	9	-9.8	1713.238
1/23/2019	2019	1	3	9	-8.9	1754.539
1/24/2019	2019	1	4	9	6.2	1345.139
1/25/2019	2019	1	5	9	5.5	1166.121
1/28/2019	2019	1	1	9	1.6	1346.715
1/29/2019	2019	1	2	9	-10.7	1660.03
1/30/2019	2019	1	3	9	0.2	1503.331
1/31/2019	2019	1	4	9	-4.4	1570.78
1/1/2020	2020	1	3	9	2.1	1127.056
1/2/2020	2020	1	4	9	0.4	1340.281
1/3/2020	2020	1	5	9	0.6	1342.439
1/6/2020	2020	1	1	9	-6.1	1548.707
1/7/2020	2020	1	2	9	-0.8	1536.931
1/8/2020	2020	1	3	9	-0.3	1439.709
1/9/2020	2020	1	4	9	-3.9	1537.743
1/10/2020	2020	1	5	9	-10.7	1716.788
1/13/2020	2020	1	1	9	-4.3	1556.432
1/14/2020	2020	1	2	9	-0.5	1520.917
1/15/2020	2020	1	3	9	-3.2	1558.885
1/16/2020	2020	1	4	9	-5	1536.68
1/17/2020	2020	1	5	9	-8	1709.364
1/20/2020	2020	1	1	9	-3.5	1560.473
1/21/2020	2020	1	2	9	-12.4	1760.647
1/22/2020	2020	1	3	9	-13.9	1867.655
1/23/2020	2020	1	4	9	-1.2	1606.128
1/24/2020	2020	1	5	9	-3.4	1500.541
1/27/2020	2020	1	1	9	1.7	1331.77
1/28/2020	2020	1	2	9	-1.8	1442.75
1/29/2020	2020	1	3	9	-3.6	1504.395
1/30/2020	2020	1	4	9	-7.7	1689.276
1/31/2020	2020	1	5	9	-5.6	1660.505

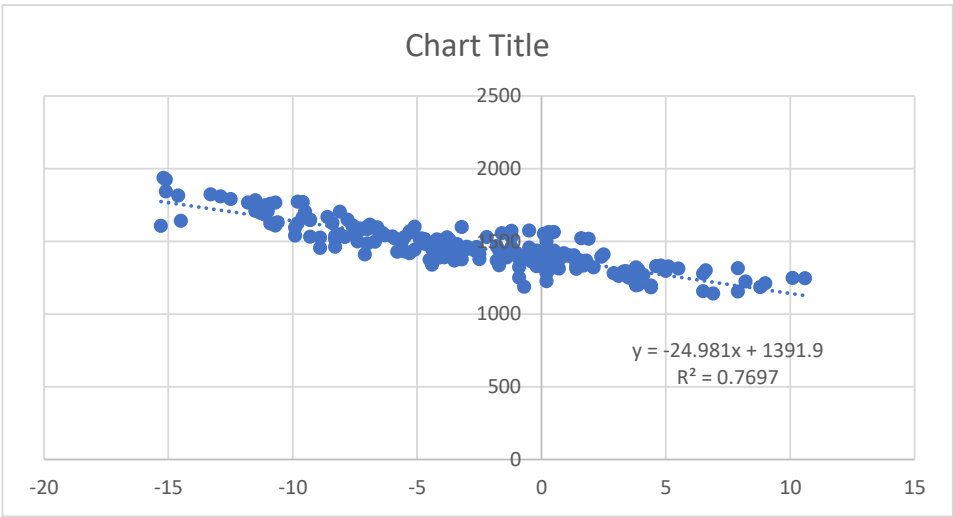
Date	Year	Month	Day	Hour	Ending Temp	Load
1/1/2016	2016	1	5	18		
1/4/2016	2016	1	1	18	-2.2	1589.985
1/5/2016	2016	1	2	18	-8.2	1718.745
1/6/2016	2016	1	3	18	2.6	1525.711
1/7/2016	2016	1	4	18	2.2	1485.471
1/8/2016	2016	1	5	18	-1.4	1509.611
1/11/2016	2016	1	1	18	3.8	1390.056
1/12/2016	2016	1	2	18	-2.8	1541.587
1/13/2016	2016	1	3	18	-1.7	1564.902
1/14/2016	2016	1	4	18	-6.9	1641.228
1/15/2016	2016	1	5	18	-4.8	1575.118
1/18/2016	2016	1	1	18	-1.5	1525.601
1/19/2016	2016	1	2	18	-8.9	1736.161
1/20/2016	2016	1	3	18	-2.3	1578.255
1/21/2016	2016	1	4	18	-5.8	1636.103
1/22/2016	2016	1	5	18	-6.8	1599.489
1/25/2016	2016	1	1	18	-1.4	1539.465
1/26/2016	2016	1	2	18	6.1	1460.966
1/27/2016	2016	1	3	18	4.7	1393.545
1/28/2016	2016	1	4	18	-0.1	1381.873
1/29/2016	2016	1	5	18	0.6	1504.111
1/2/2017	2017	1	1	18		
1/3/2017	2017	1	2	18	-1.6	1555.922
1/4/2017	2017	1	3	18	6.1	1412.478
1/5/2017	2017	1	4	18	0.5	1499.177
1/6/2017	2017	1	5	18	-2.9	1563.93
1/9/2017	2017	1	1	18	-11.8	1842.035
1/10/2017	2017	1	2	18	0.3	1639.837
1/11/2017	2017	1	3	18	6.4	1480.525
1/12/2017	2017	1	4	18	8.6	1375.591
1/13/2017	2017	1	5	18	2.1	1392.666
1/16/2017	2017	1	1	18	-3.7	1675.554
1/17/2017	2017	1	2	18	-4.5	1600.563
1/18/2017	2017	1	3	18	-3.2	1631.934
1/19/2017	2017	1	4	18	0.2	1546.782
1/20/2017	2017	1	5	18	-0.9	1498.838
1/23/2017	2017	1	1	18	0.3	1462.995
1/24/2017	2017	1	2	18	0.7	1608.204
1/25/2017	2017	1	3	18	7.4	1364.082
1/26/2017	2017	1	4	18	4.3	1382.534
1/27/2017	2017	1	5	18	2.3	1413.054
1/30/2017	2017	1	1	18	2.2	1414.958
1/31/2017	2017	1	2	18	-2.6	1516.597
1/1/2018	2018	1	1	18		
1/2/2018	2018	1	2	18	-10.8	1877.35
1/3/2018	2018	1	3	18	-3.7	1734.63
1/4/2018	2018	1	4	18	4.1	1356.295
1/5/2018	2018	1	5	18	-1.1	1560.979
1/8/2018	2018	1	1	18	-3.4	1721.087
1/9/2018	2018	1	2	18	1.2	1536.096
1/10/2018	2018	1	3	18	-1.1	1630.201
1/11/2018	2018	1	4	18	6.8	1416.163
1/12/2018	2018	1	5	18	10.4	1240.997
1/15/2018	2018	1	1	18	-5.2	1720.973
1/16/2018	2018	1	2	18	-1.9	1615.295
1/17/2018	2018	1	3	18	-1.4	1633.045
1/18/2018	2018	1	4	18	0.1	1518.237
1/19/2018	2018	1	5	18	-6.5	1626.97
1/22/2018	2018	1	1	18	-5.2	1649.93
1/23/2018	2018	1	2	18	3.1	1569.668
1/24/2018	2018	1	3	18	5.5	1346.501
1/25/2018	2018	1	4	18	-5	1626.602
1/26/2018	2018	1	5	18	-7.6	1658.939
1/29/2018	2018	1	1	18	-3.5	1614.64
1/30/2018	2018	1	2	18	-3.3	1739.827
1/31/2018	2018	1	3	18	-5.2	1556.469
1/1/2019	2019	1	2	18		
1/2/2019	2019	1	3	18	-7.1	1769.109
1/3/2019	2019	1	4	18	-4.4	1737.663
1/4/2019	2019	1	5	18	1.1	1521.129
1/7/2019	2019	1	1	18	-7	1727.369
1/8/2019	2019	1	2	18	-3.2	1676.842
1/9/2019	2019	1	3	18	4.8	1510.828
1/10/2019	2019	1	4	18	1.2	1479.661
1/11/2019	2019	1	5	18	-5.3	1641.347
1/14/2019	2019	1	1	18	-6.4	1698.458
1/15/2019	2019	1	2	18	-4.3	1655.353
1/16/2019	2019	1	3	18	0.1	1592.508
1/17/2019	2019	1	4	18	-9	1734.897
1/18/2019	2019	1	5	18	-1.7	1667.688
1/21/2019	2019	1	1	18	-2.7	1626.349
1/22/2019	2019	1	2	18	-9.5	1840.406



1/23/2019	2019	1	3	18	-1.7	1631.005
1/24/2019	2019	1	4	18	6.1	1345.129
1/25/2019	2019	1	5	18	3.5	1315.883
1/28/2019	2019	1	1	18	-0.5	1535.939
1/29/2019	2019	1	2	18	-3.4	1572.454
1/30/2019	2019	1	3	18	2.1	1518.668
1/31/2019	2019	1	4	18	-8.5	1737.546
1/1/2020	2020	1	3	18		
1/2/2020	2020	1	4	18	1.9	1506.239
1/3/2020	2020	1	5	18	4.4	1395.106
1/6/2020	2020	1	1	18	-4.9	1651.97
1/7/2020	2020	1	2	18	0.8	1519.004
1/8/2020	2020	1	3	18	-2.5	1605.121
1/9/2020	2020	1	4	18	-6.4	1711.433
1/10/2020	2020	1	5	18	2.9	1560.446
1/13/2020	2020	1	1	18	-3.9	1673.954
1/14/2020	2020	1	2	18	-2.1	1642.087
1/15/2020	2020	1	3	18	-0.3	1573.322
1/16/2020	2020	1	4	18	-4.1	1649.918
1/17/2020	2020	1	5	18	-12.6	1939.728
1/20/2020	2020	1	1	18	-3.6	1655.578
1/21/2020	2020	1	2	18	-9.5	1772.472
1/22/2020	2020	1	3	18	-4.5	1676.702
1/23/2020	2020	1	4	18	2.7	1463.918
1/24/2020	2020	1	5	18	1.5	1443.839
1/27/2020	2020	1	1	18	3.5	1391.732
1/28/2020	2020	1	2	18	-3.2	1579.628
1/29/2020	2020	1	3	18	-6.5	1665.547
1/30/2020	2020	1	4	18	-6.2	1673.844
1/31/2020	2020	1	5	18	3.4	1434.355
1/1/2016	2016	1	5	19	0.7	1383.612
1/4/2016	2016	1	1	19	-3.1	1553.032
1/5/2016	2016	1	2	19	-9.1	1711.325
1/6/2016	2016	1	3	19	1.5	1512.266
1/7/2016	2016	1	4	19	1.7	1481.84
1/8/2016	2016	1	5	19	-1.7	1482.71
1/11/2016	2016	1	1	19	3	1386.233
1/12/2016	2016	1	2	19	-3.9	1534.713
1/13/2016	2016	1	3	19	-2.2	1534.9
1/14/2016	2016	1	4	19	-7.3	1628.233
1/15/2016	2016	1	5	19	-5.3	1565.629
1/18/2016	2016	1	1	19	-1.6	1512.626
1/19/2016	2016	1	2	19	-8.9	1717.675
1/20/2016	2016	1	3	19	-2.9	1575.812
1/21/2016	2016	1	4	19	-5.8	1625.522
1/22/2016	2016	1	5	19	-6.9	1601.93
1/25/2016	2016	1	1	19	-3.2	1564.403
1/26/2016	2016	1	2	19	6.1	1445.015
1/27/2016	2016	1	3	19	4.3	1386.075
1/28/2016	2016	1	4	19	-0.2	1414.942
1/29/2016	2016	1	5	19	0.3	1454.286
1/2/2017	2017	1	1	19	-4	1504.021
1/3/2017	2017	1	2	19	-1.3	1517.689
1/4/2017	2017	1	3	19	5.9	1371.891
1/5/2017	2017	1	4	19	-0.1	1477.549
1/6/2017	2017	1	5	19	-3.3	1525.376
1/9/2017	2017	1	1	19	-12	1827.452
1/10/2017	2017	1	2	19	0.1	1606.028
1/11/2017	2017	1	3	19	6.1	1431.686
1/12/2017	2017	1	4	19	8.1	1331.634
1/13/2017	2017	1	5	19	0.4	1406.907
1/16/2017	2017	1	1	19	-2.8	1638.316
1/17/2017	2017	1	2	19	-5.8	1608.421
1/18/2017	2017	1	3	19	-3.4	1613.434
1/19/2017	2017	1	4	19	0.1	1520.969
1/20/2017	2017	1	5	19	-0.8	1475.592
1/23/2017	2017	1	1	19	-1.2	1474.609
1/24/2017	2017	1	2	19	1.1	1564.46
1/25/2017	2017	1	3	19	6.7	1338.315
1/26/2017	2017	1	4	19	3.6	1357.916
1/27/2017	2017	1	5	19	2	1391.909
1/30/2017	2017	1	1	19	0.9	1430.783
1/31/2017	2017	1	2	19	-3	1541.07
1/1/2018	2018	1	1	19	-9.5	1742.348
1/2/2018	2018	1	2	19	-10.8	1866.048
1/3/2018	2018	1	3	19	-3.2	1718.802
1/4/2018	2018	1	4	19	3.7	1223.05
1/5/2018	2018	1	5	19	-0.9	1550.671
1/8/2018	2018	1	1	19	-3.8	1675.677
1/9/2018	2018	1	2	19	0.6	1520.23
1/10/2018	2018	1	3	19	-1.8	1616.399
1/11/2018	2018	1	4	19	6.8	1377.156
1/12/2018	2018	1	5	19	11	1206.336

1/15/2018	2018	1	1	19	-5.3	1686.9
1/16/2018	2018	1	2	19	-2.2	1591.037
1/17/2018	2018	1	3	19	-1.7	1596.913
1/18/2018	2018	1	4	19	-0.2	1521.464
1/19/2018	2018	1	5	19	-7.2	1620.331
1/22/2018	2018	1	1	19	-6.2	1656.054
1/23/2018	2018	1	2	19	4.5	1522.039
1/24/2018	2018	1	3	19	4.4	1359.002
1/25/2018	2018	1	4	19	-6.1	1643.074
1/26/2018	2018	1	5	19	-8.3	1680.112
1/29/2018	2018	1	1	19	-4.2	1594.684
1/30/2018	2018	1	2	19	-3.5	1707.671
1/31/2018	2018	1	3	19	-6.2	1626.447
1/1/2019	2019	1	2	19	4.5	1449.489
1/2/2019	2019	1	3	19	-7.7	1758.6
1/3/2019	2019	1	4	19	-4.8	1709.666
1/4/2019	2019	1	5	19	1.2	1475.574
1/7/2019	2019	1	1	19	-7.6	1709.063
1/8/2019	2019	1	2	19	-2.9	1635.991
1/9/2019	2019	1	3	19	4.6	1464.091
1/10/2019	2019	1	4	19	1.2	1453.321
1/11/2019	2019	1	5	19	-5.7	1623.534
1/14/2019	2019	1	1	19	-7.3	1695.59
1/15/2019	2019	1	2	19	-3.9	1636.27
1/16/2019	2019	1	3	19	0.3	1548.2
1/17/2019	2019	1	4	19	-9.9	1762.012
1/18/2019	2019	1	5	19	-1.3	1637.486
1/21/2019	2019	1	1	19	-3.2	1601.863
1/22/2019	2019	1	2	19	-8.8	1835.429
1/23/2019	2019	1	3	19	-1.1	1598.653
1/24/2019	2019	1	4	19	6	1323.224
1/25/2019	2019	1	5	19	2	1333.173
1/28/2019	2019	1	1	19	-2.1	1545.125
1/29/2019	2019	1	2	19	-3.8	1595.801
1/30/2019	2019	1	3	19	2.8	1488.334
1/31/2019	2019	1	4	19	-9	1766.03
1/1/2020	2020	1	3	19	1.6	1381.237
1/2/2020	2020	1	4	19	1.8	1469.941
1/3/2020	2020	1	5	19	3.2	1362.429
1/6/2020	2020	1	1	19	-5.1	1610.658
1/7/2020	2020	1	2	19	0	1508.872
1/8/2020	2020	1	3	19	-2.3	1553.676
1/9/2020	2020	1	4	19	-7	1698.117
1/10/2020	2020	1	5	19	3.4	1497.478
1/13/2020	2020	1	1	19	-4.2	1634.546
1/14/2020	2020	1	2	19	-2.2	1609.509
1/15/2020	2020	1	3	19	1	1550.298
1/16/2020	2020	1	4	19	-4	1624.727
1/17/2020	2020	1	5	19	-13	1929.436
1/20/2020	2020	1	1	19	-3.8	1638.126
1/21/2020	2020	1	2	19	-10.4	1795.669
1/22/2020	2020	1	3	19	-5.8	1684.324
1/23/2020	2020	1	4	19	1.5	1471.618
1/24/2020	2020	1	5	19	0.5	1457.96
1/27/2020	2020	1	1	19	3.1	1384.1
1/28/2020	2020	1	2	19	-3.2	1568.395
1/29/2020	2020	1	3	19	-7.8	1685.375
1/30/2020	2020	1	4	19	-7.1	1689.846
1/31/2020	2020	1	5	19	2.1	1469.961

Date	Year	Month	Day	Hour	Ending Temp	Load
2/1/2016	2016	2	1	8	3.4	1295.501
2/2/2016	2016	2	2	8	0.7	1314.537
2/3/2016	2016	2	3	8	-8.1	1548.827
2/4/2016	2016	2	4	8	10.6	1246.592
2/5/2016	2016	2	5	8	3.8	1198.113
2/8/2016	2016	2	1	8	-7	1485.955
2/9/2016	2016	2	2	8	-4.4	1340.449
2/10/2016	2016	2	3	8	-5.1	1443.194
2/11/2016	2016	2	4	8	-4.7	1483.921
2/12/2016	2016	2	5	8	-7.9	1529.57
2/15/2016	2016	2	1	8	-15.3	1608.271
2/16/2016	2016	2	2	8	1.6	1522.79
2/17/2016	2016	2	3	8	7.9	1156.495
2/18/2016	2016	2	4	8	-2.5	1377.975
2/19/2016	2016	2	5	8	-5.8	1429.194
2/22/2016	2016	2	1	8	0.4	1317.619
2/23/2016	2016	2	2	8	-9.9	1541.28
2/24/2016	2016	2	3	8	-3	1463.944
2/25/2016	2016	2	4	8	6.9	1140.982
2/26/2016	2016	2	5	8	3.9	1202.584
2/29/2016	2016	2	1	8	3.1	1264.034
2/1/2017	2017	2	3	8	-6.7	1591.113
2/2/2017	2017	2	4	8	-2.6	1461.718
2/3/2017	2017	2	5	8	-7.5	1550.663
2/6/2017	2017	2	1	8	-1.4	1390.607
2/7/2017	2017	2	2	8	-11.1	1683.081
2/8/2017	2017	2	3	8	-1.2	1530.334
2/9/2017	2017	2	4	8	-2.5	1412.912
2/10/2017	2017	2	5	8	-8.9	1455.411
2/13/2017	2017	2	1	8	-1.4	1394.985
2/14/2017	2017	2	2	8	-4.5	1374.97
2/15/2017	2017	2	3	8	-4.8	1500.147
2/16/2017	2017	2	4	8	-3.2	1375.635
2/17/2017	2017	2	5	8	-3.8	1418.256
2/20/2017	2017	2	1	8	-0.7	1188.761
2/21/2017	2017	2	2	8	-3	1447.56
2/22/2017	2017	2	3	8	-4.7	1508.981
2/23/2017	2017	2	4	8	-0.9	1389.845
2/24/2017	2017	2	5	8	4.4	1183.619
2/27/2017	2017	2	1	8	-3.9	1390.614
2/28/2017	2017	2	2	8	-1.7	1335.014
2/1/2018	2018	2	4	8	0.3	1564.102
2/2/2018	2018	2	5	8	2.9	1281.605
2/5/2018	2018	2	1	8	6.6	1301.99
2/6/2018	2018	2	2	8	-5.9	1522.68
2/7/2018	2018	2	3	8	-4.7	1516.22
2/8/2018	2018	2	4	8	6.5	1278.465
2/9/2018	2018	2	5	8	-7.6	1608.867
2/12/2018	2018	2	1	8	9	1212.982
2/13/2018	2018	2	2	8	-7	1585.222
2/14/2018	2018	2	3	8	-5.1	1601.229
2/15/2018	2018	2	4	8	-0.5	1379.87
2/16/2018	2018	2	5	8	3.8	1257.972
2/19/2018	2018	2	1	8	-7.1	1411.16
2/20/2018	2018	2	2	8	5	1297.142
2/21/2018	2018	2	3	8	1.4	1329.477
2/22/2018	2018	2	4	8	-0.2	1329.47
2/23/2018	2018	2	5	8	-7.4	1500.579
2/26/2018	2018	2	1	8	0.7	1375.379
2/27/2018	2018	2	2	8	-0.4	1362.856
2/28/2018	2018	2	3	8	-0.3	1390.164
2/1/2019	2019	2	5	8	-11.1	1749.021
2/4/2019	2019	2	1	8	-2.2	1530.019
2/5/2019	2019	2	2	8	0.7	1390.521
2/6/2019	2019	2	3	8	-0.7	1394.122
2/7/2019	2019	2	4	8	-5.5	1529.97
2/8/2019	2019	2	5	8	-0.2	1437.369
2/11/2019	2019	2	1	8	-9.6	1770.395
2/12/2019	2019	2	2	8	-11.5	1784.062
2/13/2019	2019	2	3	8	-5.6	1503.994
2/14/2019	2019	2	4	8	-3.7	1512.931
2/15/2019	2019	2	5	8	-9.8	1625.779
2/18/2019	2019	2	1	8	-8.3	1464.125
2/19/2019	2019	2	2	8	-11.5	1710.092
2/20/2019	2019	2	3	8	-13.3	1824.151
2/21/2019	2019	2	4	8	-8.6	1668.181
2/22/2019	2019	2	5	8	-7	1602.139
2/25/2019	2019	2	1	8	2.4	1395.459
2/26/2019	2019	2	2	8	-9.6	1667.556
2/27/2019	2019	2	3	8	-15.2	1937.531
2/28/2019	2019	2	4	8	-12.5	1791.125
2/3/2020	2020	2	1	8	-3.6	1482.331



2/4/2020	2020	2	2	8	-0.6	1407.072
2/5/2020	2020	2	3	8	1.7	1334.9
2/6/2020	2020	2	4	8	-8.4	1625.491
2/7/2020	2020	2	5	8	-0.6	1401.407
2/10/2020	2020	2	1	8	-1.2	1573.181
2/11/2020	2020	2	2	8	0.6	1412.284
2/12/2020	2020	2	3	8	0	1354.006
2/13/2020	2020	2	4	8	1.8	1368.891
2/14/2020	2020	2	5	8	-9.9	1596.132
2/17/2020	2020	2	1	8	0.2	1226.047
2/18/2020	2020	2	2	8	-10.9	1623.995
2/19/2020	2020	2	3	8	5.5	1314.139
2/20/2020	2020	2	4	8	-9.3	1648.538
2/21/2020	2020	2	5	8	-15.1	1843.69
2/24/2020	2020	2	1	8	-1	1414.992
2/25/2020	2020	2	2	8	1.4	1357.96
2/26/2020	2020	2	3	8	1.4	1311.995
2/27/2020	2020	2	4	8	-0.7	1377.884
2/28/2020	2020	2	5	8	-0.4	1377.57
2/1/2016	2016	2	1	9	3.8	1321.827
2/2/2016	2016	2	2	9	-0.2	1356.991
2/3/2016	2016	2	3	9	-7.3	1577.113
2/4/2016	2016	2	4	9	10.1	1249.663
2/5/2016	2016	2	5	9	3.5	1250.026
2/8/2016	2016	2	1	9	-6.3	1541.512
2/9/2016	2016	2	2	9	-4.1	1388.102
2/10/2016	2016	2	3	9	-4.4	1449.605
2/11/2016	2016	2	4	9	-4	1488.518
2/12/2016	2016	2	5	9	-8.3	1537.333
2/15/2016	2016	2	1	9	-14.5	1640.817
2/16/2016	2016	2	2	9	1.9	1517.438
2/17/2016	2016	2	3	9	8.8	1185.191
2/18/2016	2016	2	4	9	-1.8	1368.474
2/19/2016	2016	2	5	9	-5.5	1431.081
2/22/2016	2016	2	1	9	0.5	1355.285
2/23/2016	2016	2	2	9	-9.3	1532.312
2/24/2016	2016	2	3	9	-1.8	1467.949
2/25/2016	2016	2	4	9	6.5	1157.484
2/26/2016	2016	2	5	9	3.7	1246.234
2/29/2016	2016	2	1	9	4.1	1268.828
2/1/2017	2017	2	3	9	-6.6	1596.365
2/2/2017	2017	2	4	9	-3.5	1467.04
2/3/2017	2017	2	5	9	-6.4	1558.676
2/6/2017	2017	2	1	9	-1.3	1430.838
2/7/2017	2017	2	2	9	-11.3	1695.637
2/8/2017	2017	2	3	9	0.1	1552.554
2/9/2017	2017	2	4	9	-2.7	1440.088
2/10/2017	2017	2	5	9	-8.9	1527.213
2/13/2017	2017	2	1	9	-1.2	1461.495
2/14/2017	2017	2	2	9	-4.1	1424.582
2/15/2017	2017	2	3	9	-4.8	1519.808
2/16/2017	2017	2	4	9	-3.5	1435.792
2/17/2017	2017	2	5	9	-3.5	1445.416
2/20/2017	2017	2	1	9	-0.9	1251.367
2/21/2017	2017	2	2	9	-2.9	1454.207
2/22/2017	2017	2	3	9	-4.2	1514.71
2/23/2017	2017	2	4	9	-0.9	1385.262
2/24/2017	2017	2	5	9	4.4	1196.87
2/27/2017	2017	2	1	9	-3.5	1368.117
2/28/2017	2017	2	2	9	-0.9	1323.815
2/1/2018	2018	2	4	9	0.5	1564.444
2/2/2018	2018	2	5	9	3.9	1306.329
2/5/2018	2018	2	1	9	7.9	1314.716
2/6/2018	2018	2	2	9	-6	1534.946
2/7/2018	2018	2	3	9	-4.9	1521.112
2/8/2018	2018	2	4	9	4.6	1330.313
2/9/2018	2018	2	5	9	-7.6	1609.12
2/12/2018	2018	2	1	9	8.2	1224.887
2/13/2018	2018	2	2	9	-7.5	1592.663
2/14/2018	2018	2	3	9	-3.2	1598.78
2/15/2018	2018	2	4	9	-0.1	1385.687
2/16/2018	2018	2	5	9	3.3	1292.669
2/19/2018	2018	2	1	9	-5.3	1419.056
2/20/2018	2018	2	2	9	4.8	1334.78
2/21/2018	2018	2	3	9	1.7	1351.351
2/22/2018	2018	2	4	9	-0.1	1334.767
2/23/2018	2018	2	5	9	-6.7	1498.562
2/26/2018	2018	2	1	9	1.1	1404.321
2/27/2018	2018	2	2	9	0.1	1346.431
2/28/2018	2018	2	3	9	0.9	1399.391
2/1/2019	2019	2	5	9	-10.7	1766.396
2/4/2019	2019	2	1	9	-1.6	1555.83
2/5/2019	2019	2	2	9	1.3	1404.858

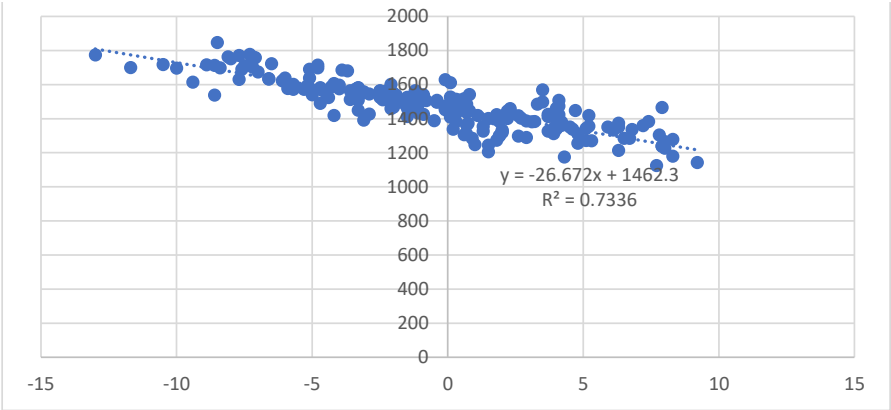
2/6/2019	2019	2	3	9	-1.7	1439.708
2/7/2019	2019	2	4	9	-5.3	1560.358
2/8/2019	2019	2	5	9	0.2	1503.245
2/11/2019	2019	2	1	9	-9.8	1772.324
2/12/2019	2019	2	2	9	-10.9	1758.27
2/13/2019	2019	2	3	9	-5.3	1567.889
2/14/2019	2019	2	4	9	-3.8	1527.612
2/15/2019	2019	2	5	9	-6.9	1614.389
2/18/2019	2019	2	1	9	-8.3	1516.615
2/19/2019	2019	2	2	9	-11	1707.356
2/20/2019	2019	2	3	9	-12.9	1810.475
2/21/2019	2019	2	4	9	-8.1	1705.132
2/22/2019	2019	2	5	9	-7.3	1588.097
2/25/2019	2019	2	1	9	2.5	1411.863
2/26/2019	2019	2	2	9	-9.5	1703.837
2/27/2019	2019	2	3	9	-15.1	1924.968
2/28/2019	2019	2	4	9	-11.8	1767.882
2/3/2020	2020	2	1	9	-3.4	1481.857
2/4/2020	2020	2	2	9	-0.4	1405.664
2/5/2020	2020	2	3	9	1.5	1365.293
2/6/2020	2020	2	4	9	-7.8	1649.311
2/7/2020	2020	2	5	9	-0.5	1456.91
2/10/2020	2020	2	1	9	-0.5	1575.758
2/11/2020	2020	2	2	9	0.5	1437.597
2/12/2020	2020	2	3	9	0.3	1388.563
2/13/2020	2020	2	4	9	0.9	1418.887
2/14/2020	2020	2	5	9	-10.6	1631.097
2/17/2020	2020	2	1	9	0.2	1281.212
2/18/2020	2020	2	2	9	-10.7	1609.013
2/19/2020	2020	2	3	9	5.1	1327.536
2/20/2020	2020	2	4	9	-9.3	1648.495
2/21/2020	2020	2	5	9	-14.6	1815.453
2/24/2020	2020	2	1	9	0.1	1422.84
2/25/2020	2020	2	2	9	1.5	1371.617
2/26/2020	2020	2	3	9	2.1	1321.829
2/27/2020	2020	2	4	9	-1	1421.379
2/28/2020	2020	2	5	9	-1.4	1400.145

Date	Year	Month	Day	Hour	Ending Temp	Load
2/1/2016	2016	2	1	18	6.8	1336.218
2/2/2016	2016	2	2	18	0.3	1383.221
2/3/2016	2016	2	3	18	0.1	1526.842
2/4/2016	2016	2	4	18	8.3	1277.663
2/5/2016	2016	2	5	18	2.6	1416.688
2/8/2016	2016	2	1	18	-5.1	1689.158
2/9/2016	2016	2	2	18	-2	1511.388
2/10/2016	2016	2	3	18	-0.1	1471.323
2/11/2016	2016	2	4	18	0.3	1448.772
2/12/2016	2016	2	5	18	-8.6	1538.053
2/15/2016	2016	2	1	18	-5.2	1589.971
2/16/2016	2016	2	2	18	4.5	1350.877
2/17/2016	2016	2	3	18	6.3	1213.013
2/18/2016	2016	2	4	18	1.9	1299.72
2/19/2016	2016	2	5	18	0.7	1309.583
2/22/2016	2016	2	1	18	0.2	1337.89
2/23/2016	2016	2	2	18	-4.2	1419.128
2/24/2016	2016	2	3	18	3.7	1424.445
2/25/2016	2016	2	4	18	7.9	1237.238
2/26/2016	2016	2	5	18	2.6	1297.444
2/29/2016	2016	2	1	18	9.2	1141.905
2/1/2017	2017	2	3	18	-2.1	1554.719
2/2/2017	2017	2	4	18	0	1445.636
2/3/2017	2017	2	5	18	-5	1540.56
2/6/2017	2017	2	1	18	-5.1	1579.671
2/7/2017	2017	2	2	18	-8.4	1697.624
2/8/2017	2017	2	3	18	4.7	1448.469
2/9/2017	2017	2	4	18	-2.5	1564.42
2/10/2017	2017	2	5	18	-10	1696.13
2/13/2017	2017	2	1	18	-1.9	1538.889
2/14/2017	2017	2	2	18	-3.4	1573.991
2/15/2017	2017	2	3	18	-2.2	1508.564
2/16/2017	2017	2	4	18	-2.2	1538.337
2/17/2017	2017	2	5	18	-1.5	1462.321
2/20/2017	2017	2	1	18	-1.1	1432.645
2/21/2017	2017	2	2	18	2	1327.394
2/22/2017	2017	2	3	18	2.9	1290.03
2/23/2017	2017	2	4	18	1.5	1245.052
2/24/2017	2017	2	5	18	7.7	1125.116
2/27/2017	2017	2	1	18	1.8	1272.731
2/28/2017	2017	2	2	18	1.5	1205.543
2/1/2018	2018	2	4	18	4.1	1474.178
2/2/2018	2018	2	5	18	4.1	1424.139
2/5/2018	2018	2	1	18	6.3	1350.64
2/6/2018	2018	2	2	18	-2.3	1560.711
2/7/2018	2018	2	3	18	-1.2	1528.999
2/8/2018	2018	2	4	18	-3.3	1582.348
2/9/2018	2018	2	5	18	-3.4	1522.067
2/12/2018	2018	2	1	18	4	1366.093
2/13/2018	2018	2	2	18	-5.7	1571.98
2/14/2018	2018	2	3	18	2.3	1459.157
2/15/2018	2018	2	4	18	1.3	1326.324
2/16/2018	2018	2	5	18	5.1	1342.555
2/19/2018	2018	2	1	18	1.9	1382.677
2/20/2018	2018	2	2	18	5.9	1351.444
2/21/2018	2018	2	3	18	6.7	1284.51
2/22/2018	2018	2	4	18	0.3	1429.521
2/23/2018	2018	2	5	18	-3.1	1390.545
2/26/2018	2018	2	1	18	4	1356.431
2/27/2018	2018	2	2	18	4.8	1254.791
2/28/2018	2018	2	3	18	7.9	1238.799
2/1/2019	2019	2	5	18	-7.2	1761.983
2/4/2019	2019	2	1	18	3.5	1497.457
2/5/2019	2019	2	2	18	7.4	1383.672
2/6/2019	2019	2	3	18	-3.2	1548.449
2/7/2019	2019	2	4	18	-1.4	1512.105
2/8/2019	2019	2	5	18	4.2	1380.478
2/11/2019	2019	2	1	18	-6.5	1721.736
2/12/2019	2019	2	2	18	-1.2	1564.777
2/13/2019	2019	2	3	18	-0.1	1628.686
2/14/2019	2019	2	4	18	-2.2	1506.088
2/15/2019	2019	2	5	18	-1.1	1480.453
2/18/2019	2019	2	1	18	-4.3	1586.488
2/19/2019	2019	2	2	18	-6.6	1632.359
2/20/2019	2019	2	3	18	-7.6	1689.236
2/21/2019	2019	2	4	18	-4.8	1698.361
2/22/2019	2019	2	5	18	-2.9	1427.072
2/25/2019	2019	2	1	18	-0.1	1452.529
2/26/2019	2019	2	2	18	-7.7	1770.643
2/27/2019	2019	2	3	18	-7.2	1702.313
2/28/2019	2019	2	4	18	-5.9	1577.3
2/3/2020	2020	2	1	18	1.8	1423.98
2/4/2020	2020	2	2	18	1.7	1398.649
2/5/2020	2020	2	3	18	-2.1	1458.772
2/6/2020	2020	2	4	18	-3.9	1685.079
2/7/2020	2020	2	5	18	0.8	1542.031
2/10/2020	2020	2	1	18	3.5	1568.305
2/11/2020	2020	2	2	18	-0.4	1501.239

2/12/2020	2020	2	3	18	0.8	1445.878
2/13/2020	2020	2	4	18	0.4	1509.234
2/14/2020	2020	2	5	18	-11.7	1699.336
2/17/2020	2020	2	1	18	4	1343.705
2/18/2020	2020	2	2	18	-4.6	1564.313
2/19/2020	2020	2	3	18	2.7	1402.086
2/20/2020	2020	2	4	18	-7.7	1630.203
2/21/2020	2020	2	5	18	-4.4	1524.425
2/24/2020	2020	2	1	18	1	1247.681
2/25/2020	2020	2	2	18	4.8	1309.868
2/26/2020	2020	2	3	18	5.3	1270.397
2/27/2020	2020	2	4	18	0.3	1514.315
2/28/2020	2020	2	5	18	0.7	1365.218
2/1/2016	2016	2	1	19	6.1	1332.826
2/2/2016	2016	2	2	19	-0.9	1424.401
2/3/2016	2016	2	3	19	0.6	1517.292
2/4/2016	2016	2	4	19	8	1264.796
2/5/2016	2016	2	5	19	2.2	1401.093
2/8/2016	2016	2	1	19	-5.1	1638.446
2/9/2016	2016	2	2	19	-2.4	1511.336
2/10/2016	2016	2	3	19	-0.8	1505.503
2/11/2016	2016	2	4	19	0.7	1484.635
2/12/2016	2016	2	5	19	-9.4	1613.858
2/15/2016	2016	2	1	19	-6	1638.325
2/16/2016	2016	2	2	19	6.3	1373.756
2/17/2016	2016	2	3	19	5.1	1271.892
2/18/2016	2016	2	4	19	0.75	1372.004
2/19/2016	2016	2	5	19	-0.5	1388.057
2/22/2016	2016	2	1	19	-1.5	1413.014
2/23/2016	2016	2	2	19	-4.7	1490.164
2/24/2016	2016	2	3	19	3.7	1412.555
2/25/2016	2016	2	4	19	8	1227.286
2/26/2016	2016	2	5	19	2	1318.575
2/29/2016	2016	2	1	19	8.3	1179.733
2/1/2017	2017	2	3	19	-2	1549.034
2/2/2017	2017	2	4	19	-1.6	1487.869
2/3/2017	2017	2	5	19	-5.3	1572.713
2/6/2017	2017	2	1	19	-6.1	1621.988
2/7/2017	2017	2	2	19	-8.6	1713.051
2/8/2017	2017	2	3	19	5.2	1418.728
2/9/2017	2017	2	4	19	-3.3	1579.627
2/10/2017	2017	2	5	19	-10.5	1717.362
2/13/2017	2017	2	1	19	-2.2	1535.023
2/14/2017	2017	2	2	19	-4.7	1581.337
2/15/2017	2017	2	3	19	-2.5	1525.594
2/16/2017	2017	2	4	19	-2.5	1561.155
2/17/2017	2017	2	5	19	-1.3	1475.37
2/20/2017	2017	2	1	19	-2	1467.821
2/21/2017	2017	2	2	19	0.1	1408.287
2/22/2017	2017	2	3	19	1.3	1354.695
2/23/2017	2017	2	4	19	1.9	1298.436
2/24/2017	2017	2	5	19	4.3	1174.52
2/27/2017	2017	2	1	19	2	1333.036
2/28/2017	2017	2	2	19	0.9	1284.052
2/1/2018	2018	2	4	19	4	1460.857
2/2/2018	2018	2	5	19	0.7	1435.841
2/5/2018	2018	2	1	19	4.2	1361.063
2/6/2018	2018	2	2	19	-2.2	1565.157
2/7/2018	2018	2	3	19	-0.9	1539.952
2/8/2018	2018	2	4	19	-4	1596.707
2/9/2018	2018	2	5	19	-2.9	1544.185
2/12/2018	2018	2	1	19	2.9	1385.628
2/13/2018	2018	2	2	19	-6.6	1635.71
2/14/2018	2018	2	3	19	2.3	1445.11
2/15/2018	2018	2	4	19	0.7	1361.443
2/16/2018	2018	2	5	19	4.6	1338.244
2/19/2018	2018	2	1	19	1.1	1418.478
2/20/2018	2018	2	2	19	5.2	1355.072
2/21/2018	2018	2	3	19	7.8	1303.483
2/22/2018	2018	2	4	19	-0.1	1464.192
2/23/2018	2018	2	5	19	-3.3	1450.142
2/26/2018	2018	2	1	19	3.1	1381.749
2/27/2018	2018	2	2	19	3.7	1326.16
2/28/2018	2018	2	3	19	6.5	1285.095
2/1/2019	2019	2	5	19	-7.1	1758.404
2/4/2019	2019	2	1	19	3.3	1484.847
2/5/2019	2019	2	2	19	7.2	1358.985
2/6/2019	2019	2	3	19	-3.6	1564.201
2/7/2019	2019	2	4	19	-1.5	1524.835
2/8/2019	2019	2	5	19	3.9	1341.981
2/11/2019	2019	2	1	19	-7.3	1777.123
2/12/2019	2019	2	2	19	-2.1	1600.518
2/13/2019	2019	2	3	19	0.1	1610.635
2/14/2019	2019	2	4	19	-3.1	1558.279
2/15/2019	2019	2	5	19	-0.4	1496.805
2/18/2019	2019	2	1	19	-4.2	1606.597
2/19/2019	2019	2	2	19	-7.5	1711.248
2/20/2019	2019	2	3	19	-8	1751.988
2/21/2019	2019	2	4	19	-4.8	1714.735



2/22/2019	2019	2	5	19	-3.6	1511.691
2/25/2019	2019	2	1	19	-1.3	1486.967
2/26/2019	2019	2	2	19	-8.5	1846.83
2/27/2019	2019	2	3	19	-8.1	1762.91
2/28/2019	2019	2	4	19	-7	1674.429
2/3/2020	2020	2	1	19	0.6	1447.58
2/4/2020	2020	2	2	19	1.5	1401.678
2/5/2020	2020	2	3	19	-3.3	1508.777
2/6/2020	2020	2	4	19	-3.7	1680.499
2/7/2020	2020	2	5	19	7.9	1466.183
2/10/2020	2020	2	1	19	4.1	1508.077
2/11/2020	2020	2	2	19	-0.4	1506.918
2/12/2020	2020	2	3	19	0	1469.476
2/13/2020	2020	2	4	19	0.1	1497.291
2/14/2020	2020	2	5	19	-13	1773.88
2/17/2020	2020	2	1	19	3.2	1383.92
2/18/2020	2020	2	2	19	-4	1574.533
2/19/2020	2020	2	3	19	2.2	1444.416
2/20/2020	2020	2	4	19	-8.9	1715.486
2/21/2020	2020	2	5	19	-5.7	1601.147
2/24/2020	2020	2	1	19	0.6	1304.951
2/25/2020	2020	2	2	19	4	1339.803
2/26/2020	2020	2	3	19	3.9	1312.731
2/27/2020	2020	2	4	19	0.4	1499.629
2/28/2020	2020	2	5	19	0.1	1421.554



10 - Year Energy and Demand Forecast (2020 Load Forecast Report) (NSUARB M09707)
NSPI Responses to NSUARB Information Requests

NON-CONFIDENTIAL

Request IR-13:

On page 9 of 137, NS Power reports the 2020 growth in system peak at 8.9% and the prior year 2019 growth at -0.6% %. In 2019 the forecast growth was reported as 7.2% for 2019, which NS Power explained related to peak being achieved at -11.7 degrees while the forecast peak temperature was -15 degrees.

(a) Please confirm the 7.2% growth reported in 2019 was forecast and the -0.6% decline is actual.

(b) NS Power states the 2019's firm peak occurred at -15.2 degrees compared to the -15 degrees:

(i) NS Power appears to indicate this is explained due to lighting load, page 61, please provide statistics that support an increase of 113 MW (2,066 MW forecast versus 1,953 MW actual) due to lighting. Or explain the other drivers resulting in this reduced peak.

(ii) Please provide the daylight hours on February 27, 2019 in Nova Scotia, and explain whether 8:00 a.m. was considered daylight.

(iii) Please provide sensitivity assumptions associated with load and daylight hours, i.e. at -15 degrees in the full dark, twilight and full daylight, to indicate how much load is related to lighting.

(iv) Please provide sensitivity assumptions associated with a 0.2 degree Celsius variance in peak, assuming a weekday with full lighting load.

(v) What, if any, other factors impacted the 2019 variance?

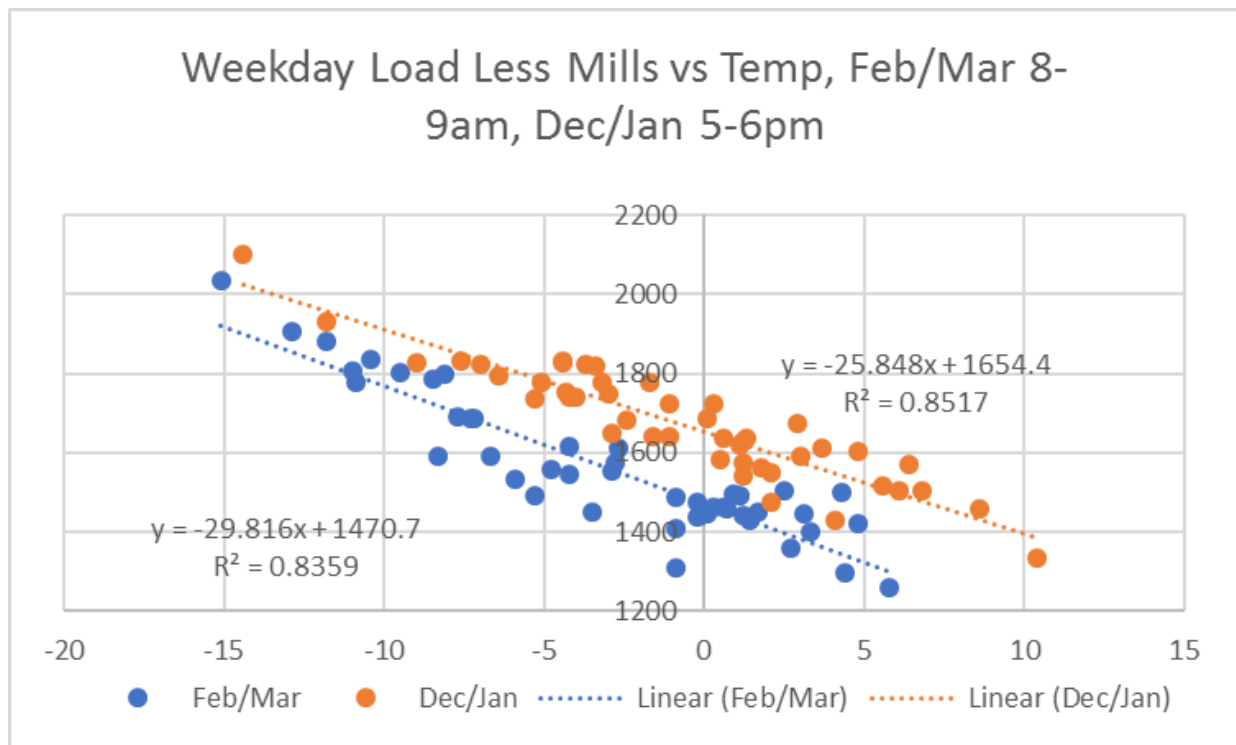
10 - Year Energy and Demand Forecast (2020 Load Forecast Report) (NSUARB M09707)
NSPI Responses to NSUARB Information Requests

NON-CONFIDENTIAL

Response IR-13:

(a) Confirmed.

(b) (i) The two main variances in 2019 consist of the lighting load and the fact that it was a morning peak rather than an evening peak. Although it is difficult to quantify the exact variance, an illustrative example can be provided by looking at temperature response for the hour ending 9:00 am for late February/early March as compared to the hour ending 6:00 pm for late December/early January. The graph below shows system weekday load excluding mills from 2016-present for each of those periods, including a linear trend line through the data.



The amount of variance at any particular temperature is as much as approximately 200 MW within either data series. This is what makes peaks difficult to predict and explain after the fact, and the variance is driven by individual behaviours, temperature and weather in the days before, patterns that may be related to specific days of the week (for example, more

10 - Year Energy and Demand Forecast (2020 Load Forecast Report) (NSUARB M09707)
NSPI Responses to NSUARB Information Requests

NON-CONFIDENTIAL

1 people taking a random Friday holiday versus another weekday holiday), and many other
2 factors. Comparing the trend lines in these two series shows a fairly consistent drop in the
3 morning February/March peak compared to the evening December/January peak, and
4 much of this can be explained by the difference in lighting load. Looking at the intercepts
5 of the linear trend lines indicates that this difference is around 180 MW (1654-1470).
6 Accounting for the fact that the trend lines converge at lower temperatures, the difference
7 is approximately 150 MW, which would create a “normalized” peak of around 2100 MW.
8

9 (ii) Sunrise on February 27, 2019 was at 6:55 am according to www.timeanddate.com;
10 8:00 am would be considered daylight.
11

12 (iii) This analysis has not been done.
13

14 (iv) Using the graph above, temperature sensitivity can be approximated by the slope
15 of the trend lines, so for the February/March morning peak the sensitivity is around 30 MW
16 per degree Celcius, or around 6 MW.
17

18 (v) The variance is discussed in part (i) above.

Year	System Peak (MW)	Firm Peak (MW)	Temperature (deg C)	Adjustment	WN System Peak (MW)	WN Firm Peak (MW)
2012	1882	1,740	-7.2	130	2,012	1,870
2013	2033	1,897	-12.8	18	2,051	1,915
2014	2118	2,036	-19.3	-112	2,006	1,924
2015	2015	1,874	-12.1	32	2,047	1,906
2016	2111	2,013	-14.4	-18	2,094	1,996
2017	2018	1,951	-13.3	10	2,028	1,961
2018	2073	1,993	-11.7	50	2,123	2,043
2019	2060	1,949	-15.2	113	2,173	2,062
2020	2050	1,954	-12.6	28	2,078	1,982
2021	1968	1,875	-9.9	95	2,063	1,970
2022	2165	2,021	-13.7	0	2,165	2,021
2023	2185	2,035	-13.7	0	2,185	2,035
2024	2215	2,057	-13.7	0	2,215	2,057
2025	2253	2,076	-13.7	0	2,253	2,076
2026	2291	2,101	-13.7	0	2,291	2,101
2027	2326	2,133	-13.7	0	2,326	2,133
2028	2361	2,170	-13.7	0	2,361	2,170
2029	2398	2,207	-13.7	0	2,398	2,207
2030	2434	2,243	-13.7	0	2,434	2,243
2031	2479	2,289	-13.7	0	2,479	2,289
2032	2532	2342	-13.7	0	2,532	2,342

CONFIDENTIAL (Attachment Only)

Request IR-15:

According to Exhibit N-34, Matter No. M10431, Response to CA IR-41, Attachment 1, NS Power has developed scaled class load shapes for 2019 using its load research sample. The Report indicates that these data have been updated through 2021 (p. 91). Loss factors used in the Report appear to be provided in Attachment 4, tab Tables, rows 87-101.

(a) Please provide the most recent scaled class load shapes, including all assumptions, source data, and methods with formulas in the workpapers intact and working.

(b) Please provide NS Power's best estimate of monthly losses by class as estimated by "comparing the sum of load research sales to system generation." (p. 91).

(c) Please explain why NS Power continues to use the loss factors based on the 2013 COSS rather than the loss factors provided in response to item (b).

(d) Please explain whether or not NS Power used the 2019 or later version of its scaled class load shapes to support models used to generate monthly energy and peak demand forecasts in the Report and the reasons for that decision.

Response IR-15:

(a) Please refer to Confidential Attachment 1, filed electronically.

(b) Monthly losses by class are not calculated for the load forecast. Please refer to Synapse IR-29 for an example of the system losses by month calculated as the difference between Net System Requirement (NSR) and scaled load research data.

(c) In the load forecast, energy related losses are not calculated at the class level, rather they are calculated at the system level as the difference between billed sales and NSR. The loss

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

CONFIDENTIAL (Attachment Only)

1 factors in the table cited are used to estimate total peak losses. The load research class
2 peak estimates target is 10 percent precision at peak, so the inherent error of the load
3 research sample would be approximately the same magnitude of the estimated losses for
4 each class. Given the level of uncertainty it is preferable to maintain consistency since
5 2013 and, when available, to use AMI data to confirm LRS estimates. While 10 percent
6 was the original target precision, another issue is that each class has experienced sample
7 degradation since 2018 (mainly related to the legacy meters that continue to have their
8 phone lines disconnected as people remove landlines). Once a suitable AMI data set is
9 available an updated estimate for the losses will be produced.

- 10
- 11 (d) Load research data is used to allocate the system peak to the different classes, but has not
12 been used in the forecasting process. The purpose of the load research analysis presented
13 in page 91 of the Report was to explore a bottom-up approach to estimate class contribution
14 to peak, but this work remains exploratory.

REDACTED (CONFIDENTIAL INFORMATION REMOVED)

**2022 Load Forecast Report CA IR-15 Attachment 1 has
been removed due to confidentiality.**

NON-CONFIDENTIAL

Request IR-16:

Reference Report p. 77. We understand NS Power's argument to be as follows: Using the demand change of 25 MW/°C, the 2021 actual system firm peak of 1,875 MW is weather normalized to 2,002 MW, which is 71 MW lower than the 2021 forecast system firm peak of 2,073 MW. This difference is attributed to March 2 not being "a particularly cold day" on which the temperature dropped rapidly to the daily minimum.

(a) Please confirm or correct our understanding of the argument presented on p. 77.

(b) Please explain how the 25 MW/°C demand change estimate is used in the load forecast.

(c) Please confirm that the 25 MW/°C demand change estimate is developed based on a regression that excludes weekend data.

(d) Please identify each instance in the Report in which the 25 MW/°C demand change estimate is used to weather normalize weekend data. Please justify each such instance.

(e) Please provide any evidence that NS Power has available that the temperature in the same hour as the peak is a better measure of the impact of cold weather on peak load than the use of a multi-hour average.

Response IR-16:

(a) Confirmed.

(b) The 25 MW/°C is not used in the forecast. Please refer to CA IR-15. Weather normalized values are used to explain variance and to compare to forecast values. The adjustments are not inputs to the forecast model.

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

- 1 (c) Confirmed.
- 2
- 3 (d) The only weekend peak in the series is 2018. Temperature sensitivity for weekend days is
- 4 23 MW/°C. As the difference between weekday and weekend days is small and weekend
- 5 peaks are rare, the series was simplified to use the same adjustment for all days.
- 6
- 7 (e) This analysis was not undertaken as part of the 2022 forecast.

NON-CONFIDENTIAL

Request IR-17:

Respecting the Board’s direction to “evaluate improvements to the weather normalization estimate and examine the impact of incremental cold on loads in the temperature ranges where peak loads occur,” (Report, p. 12), please explain the following:

(a) Why NS Power has not made even an interim adjustment to its demand change metric or method in response to the Board’s direction. As an example (but not limited to this potential interim adjustment), relying on observations and findings found in the Wilson testimony sponsored by the CA in M10109.

(b) Please provide a list of tasks that NS Power plans to complete the Board directed updates to the load forecast report; for each task, please provide (i) the estimated time to complete the task, (ii) identify any prerequisite tasks, and (iii) identify whether the task is necessary (e.g., a prerequisite to completing the work) or recommended (e.g., research to increase confidence in the result).

Response IR-17:

(a) In M10109, the NSUARB directed as follows:

The intervenors recommended that NS Power re-evaluate the use of a low design temperate in future forecasts, to which NS Power agreed. The Board, therefore, directs NS Power to evaluate peak causing conditions and a peak forecast based on historic peak temperatures (such as a 1-in-2) in its future load forecasts, as well as add trends in peak weather in the 2022 Load Forecast Report.

NS Power agreed with the CA’s recommendation on weather normalizing and presenting a more accurate approach to estimating the impact of incremental cold on loads. Therefore, the Board directs NS Power to evaluate improvements to the weather normalization estimate and examine the impact of incremental cold on loads in the temperate ranges where peak loads occur. These updates to the forecast are to be provided

10 - Year Energy and Demand Forecast (2022 Load Forecast Report) (NSUARB M10569)
NSPI Responses to Consumer Advocate Information Requests

NON-CONFIDENTIAL

1 in future load forecast reports, preferably in the 2022 Report, but if not
2 possible then in the 2023 Report.
3

4 For the 2022 Load Forecast Report NS Power focused on the peak causing conditions and
5 trends in peak weather, as recommended in the Wilson testimony and as directed by the
6 Board. Analysis of weather normalization and the impact of incremental cold loads will be
7 prioritized along with other recommendations for the 2023 Load Forecast.
8

9 (b) The specifics of an analysis of incremental cold loads on peak have not yet been
10 investigated, but it will be prioritized with other recommendations for the 2023 Load
11 Forecast.