

# Exhibit No. 105P

*Exhibit No.:*  
*Issue:* Riverton Outages  
*Witness:* Jordan T. Hull  
*Sponsoring Party:* MoPSC Staff  
*Type of Exhibit:* Rebuttal Testimony  
*Case Nos.:* EO-2022-0040/  
EO-2022-0193  
*Date Testimony Prepared:* May 13, 2022

**MISSOURI PUBLIC SERVICE COMMISSION**  
**INDUSTRY ANALYSIS DIVISION**  
**ENERGY RESOURCES DEPARTMENT**

**REBUTTAL TESTIMONY**

**OF**

**JORDAN T. HULL**

**THE EMPIRE DISTRICT ELECTRIC COMPANY,  
d/b/a LIBERTY**

**CASE NOS. EO-2022-0040/EO-2022-0193**

*Jefferson City, Missouri*  
*May 2022*

**\*\* Denotes Confidential Information \*\***

**\*\*\* Denotes Highly Confidential Information \*\*\***

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**JORDAN T. HULL**  
**THE EMPIRE DISTRICT ELECTRIC COMPANY,**  
**d/b/a LIBERTY**  
**CASE NOS. EO-2022-0040/EO-2022-0193**

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1 **REBUTTAL TESTIMONY**

2 **OF**

3 **JORDAN T. HULL**

4 **THE EMPIRE DISTRICT ELECTRIC COMPANY,**  
5 **d/b/a LIBERTY**

6 **CASE NOS. EO-2022-0040/EO-2022-0193**

7 Q. Please state your name and business address.

8 A. Jordan T. Hull, 200 Madison Street, Jefferson City, Missouri 65102.

9 Q. By whom are you employed and in what capacity?

10 A. I am employed by the Missouri Public Service Commission (“Commission”) as  
11 an Associate Engineer in the Energy Resources Department.

12 Q. Please describe your educational background and work experience.

13 A. Please refer to the attached Schedule JTH-r1.

14 Q. Have you previously filed testimony before this Commission?

15 A. Yes, I have. Please refer to the attached Schedule JTH-r2 for a list of cases in  
16 which I have previously filed testimony.

17 **EXECUTIVE SUMMARY**

18 Q. Please summarize your rebuttal testimony in this proceeding.

19 A. The purpose of my rebuttal testimony is to respond to the Liberty District  
20 Electric Company, d/b/a Liberty’s (“Liberty” or “Company”) direct testimony as well as the  
21 third party Utilicast report included in Company witness John Olsen’s direct testimony on the  
22 attempted use of the Riverton 10 and Riverton 11 generating units during the Winter Storm Uri  
23 Event of February 2021. Staff recommends a \*\* [REDACTED] \*\* disallowance based on  
24 Liberty’s imprudence by not tuning Riverton 11 for winter temperatures

1 **DESCRIPTION OF RIVERTON UNITS**

2 Q. Describe the Riverton units and where they are located?

3 A. Liberty’s Riverton Generating Plant is located in Riverton, Kansas and consists  
4 of two natural gas-fired CT units (Riverton 10 and 11) and a natural gas-fired CC unit (Riverton  
5 12), with an aggregate generating capacity of 313 MW. Riverton 10 and 11 (each 15 MW) are  
6 fueled by natural gas as a primary fuel, with the ability use fuel oil as a backup. In addition to  
7 their dual-fuel capability, \*\*\* [REDACTED]

8 [REDACTED]  
9 [REDACTED]  
10 [REDACTED]  
11 [REDACTED]  
12 [REDACTED]

13 [REDACTED] \*\*\*

14 Q. What fuel types are Riverton 10 and Riverton 11 designated for use of in  
15 Libertys most recent Integrated Resource Plans (“IRP”)?

16 A. According to Liberty’s recent IRPs (Case Nos. EO-2019-0049 and  
17 EO-2021-0331) Riverton 10 and 11 are “fueled by natural gas as a primary fuel, with the  
18 ability to use fuel oil as a backup. In addition to their dual-fuel capability, \*\*\* [REDACTED]

19 [REDACTED]  
20 [REDACTED] \*\*\* ”<sup>1</sup>

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<sup>1</sup> EO-2021-0331 Liberty Triennial IRP, Vol 4, Page 12

1 **DESCRIPTION OF EVENTS**

2 Q. Did Liberty utilize Riverton Unit 10 and/or 11 during Winter Storm Uri?

3 A. No, according to Liberty's response to data request (DR) No. 0007, Riverton 10  
4 was on a forced outage due to a bearing failure starting February 8<sup>th</sup> (before Winter Storm Uri  
5 began). Riverton 10 did was on forced outage for the 33 days<sup>2</sup> following because of this failure.  
6 On February 12 (start of Winter Storm Uri) Riverton 11 was forced into an outage due to limited  
7 natural gas supply.

8 Q. Did Liberty utilize their dual-fuel capabilities to run Riverton 11 on fuel oil  
9 when running it on natural gas was not an option due to lack of natural gas pressure in the  
10 pipeline?

11 A. No. Riverton 11 was not successfully fired on fuel oil even though the  
12 requirements to start running on fuel oil had been met. Riverton 11's Air Operating Permit from  
13 the Kansas Department of Health and Environment ("KDHE") allows Liberty to run on fuel oil  
14 under the following conditions:

15 a. The natural gas delivery system must break down and the required gas supply  
16 becomes unavailable to Liberty;

17 b. The power requirements from the Riverton station cannot be assumed by power  
18 generating equipment other than Unit 10 and Unit 11; and

19 c. The owner or operator shall be permitted to use distillate fuel oils as needed to meet  
20 the black start testing requirements by any Federal or State regulatory agency. Water injection  
21 will not be required during black start testing. None of the electricity produced during the black  
22 start test shall be sold on the bulk electric system.

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<sup>2</sup> Data Request No. 0007 EO-2022-0040

1 d. Recordkeeping and Reporting Except for \*\*\* [REDACTED] \*\*\* testing requirements,  
2 within 10 days after each occurrence of using No. 1 or 2 fuel oils in Unit # 10 and Unit # 11,  
3 The Empire District Electric Company shall notify KDHE in writing of the circumstances  
4 causing the natural gas delivery system break-down and why other Riverton generating  
5 equipment could not be substituted for Unit # 10 and Unit # 11. The Notification is to include  
6 the date, time of operation, and kilowatt-hours produced during the operation of Unit # 10 and  
7 Unit # 11 on No. 1 or No. 2 fuel oil. [Construction Permit Dated June 28, 1990]

8 e. Notification The Empire District Electric Company shall notify KDHE in writing  
9 within 10 days after each occurrence of using distillate fuel oils for testing the black start  
10 capabilities of Unit # 10 or Unit # 11 to meet any Federal or State standards. The notification  
11 shall include the date, time of testing, duration of testing, unit tested, and gallons of oil  
12 consumed during the test. [Amended Construction Permit dated March 18, 2013]

13 Q. Did Liberty try to start Riverton 11 on fuel oil?

14 A. Yes. According to the Utilicast Report in Company witness John Olsen's direct  
15 testimony (pg.20): \*\* [REDACTED]

16 [REDACTED]  
17 [REDACTED] \*\*\* [REDACTED] \*\*\*<sup>3</sup> were made and all were unsuccessful.

18 Q. Were Riverton 10 or 11 tuned and prepared to run during the winter months  
19 including Winter Storm Uri?

20 A. No, according to the Utilicast Report included in Mr. Olsen's direct testimony  
21 (schedule 3 pg. 20) \*\*\* [REDACTED]

22 [REDACTED]  

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<sup>3</sup> Utilicast Report, Included in John Olsen's Direct testimony, Schedule jo-3, pg. 20

1 [REDACTED] \*\*\* Liberty admits that the units had not been tuned to operate in winter temperatures

2 in DR 0064 \*\*\* [REDACTED]

3 [REDACTED]  
4 [REDACTED]  
5 [REDACTED]  
6 [REDACTED] \*\*\* Staff is concerned with the conflicting fuel oil test fire  
7 dates given by the Utilicast report and the Company's response to DR No. 0064.

8 Q. Can you describe the process of tuning?

9 A. According to DR No. 0064.2, Liberty describes tuning as the following: "The  
10 concept of combustion tuning of a gas turbine is a process of controlling the fuel split ratio and  
11 the amount of combustion air to find the optimized combustion condition. It must be ensured  
12 to avoid various combustion instability factors for the stable operation of the gas turbine. It's  
13 done routinely at given ambient conditions or as ambient conditions change."

14 Q. Why was tuning not done routinely as the ambient conditions changed?

15 A. Staff is unsure why Liberty did not tune its Riverton units as the  
16 ambient conditions change with the seasons. According to DR #No. 0069, Liberty states its

17 \*\*\* [REDACTED]

18 [REDACTED] \*\*\*. However, referencing its KDHE permit sections 6d. and 6e. it states:

19 *6d. Recordkeeping and Reporting Except for \*\*\* [REDACTED] \*\*\* testing*  
20 *requirements, within 10 days after each occurrence of using No. 1 or 2*  
21 *fuel oils in Unit # 10 and Unit # 11, The Empire District Electric*  
22 *Company shall notify KDHE in writing of the circumstances causing the*  
23 *natural gas delivery system break-down and why other Riverton*  
24 *generating equipment could not be substituted for Unit # 10 and Unit #*  
25 *11. The Notification is to include the date, time of operation, and*



1                    *kilowatt-hours produced during the operation of Unit # 10 and Unit # 11*  
2                    *on No. 1 or No. 2 fuel oil. [Construction Permit Dated June 28, 1990]*  
3                    *6e. Notification The Empire District Electric Company shall notify*  
4                    *KDHE in writing within 10 days after each occurrence of using distillate*  
5                    *fuel oils for testing the \*\*\* [REDACTED] \*\*\* capabilities of Unit # 10 or*  
6                    *Unit # 11 to meet any Federal or State standards. The notification shall*  
7                    *include the date, time of testing, duration of testing, unit tested, and*  
8                    *gallons of oil consumed during the test. [Amended Construction Permit*  
9                    *dated March 18, 2013.*

10                    Based on the language of the KHDE permit, Staff is of the understanding that both Riverton  
11                    units (#10 and & #11) are able to be used for \*\*\* [REDACTED]  
12                    [REDACTED] \*\*\*, Staff has concerns that Liberty claims these units are  
13                    not tuned for winter conditions as they are included in Liberty’s winter capacity balance sheets  
14                    in its current IRP. In the current IRP they are being used as peaking units that have dual fuel  
15                    capabilities to be used during emergency situations as backup for when natural gas is  
16                    interrupted. Yet they are not and were not able to do so because they have not been tuned for  
17                    winter temperatures.

18                    \*\*\* [REDACTED]  
19                    [REDACTED]  
20                    [REDACTED]<sup>4</sup>  
21                    [REDACTED]  
22                    [REDACTED]  
23                    [REDACTED]  
24                    [REDACTED]  
25                    [REDACTED]

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<sup>4</sup> Data Request No. 0064.2 EO-2022-0040

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[REDACTED]

[REDACTED] \*\*\*

**DESCRIPTION OF DISALLOWANCE**

Q. How much could have been earned in potential sales If Liberty had been able to utilize Riverton 11 by running it on fuel oil during Winter Storm Uri?

A. According to Staffs calculations, the Company had roughly \*\* [REDACTED] \*\* worth (Attachment 1)<sup>5</sup> of fuel oil onsite before Winter Storm Uri. Liberty recieved its force majeure waiver that would allow Riverton 11 to operate on fuel oil granted on Febuary 15, 2021 from KDHE. All the fuel oil on site was able to be used by Riverton 11 as Riverton 10 was on a forced outage due to a bearing failure. Staff calculated the price of \*\* [REDACTED] \*\* of run time from February 15 using hourly day ahead locational market prices (DA LMP) published by the Southwest Power Pool (SPP) integrated resource market at Liberty’s Riverton node. Staff has included these prices<sup>6</sup> (Attachment 2) along with a graph (Attachment 3) of the hourly prices throughout Winter Storm Uri. Staff took the sum of the prices for these \*\* [REDACTED] \*\* and multiplied by 15MW (Riverton 11 =15 MW). Based on this calculation, Staff concluded that Liberty lost the opportunity to earn \*\* [REDACTED] \*\* in sales revenues for its customers from the SPP integrated resource market.

Q. What is Staff’s conclusion and for the use of Riverton 11 during Winter Storm Uri?

A. Staff is concerned that Liberty claims Riverton 11 to be dual fuel capable in its winter capacity balance sheets provided in its IRPs. In actuality, Liberty cannot utilize this unit

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<sup>5</sup> Attachment 1 = Caclulation on number of hours of operation for Riverton 11 on fuel oil.  
<sup>6</sup> Market Prices from the Day Ahead LMP from Southwest Power Pool (SPP) for Feb 15, 2021) with both reprice corrections included.

1 with fuel oil as it did not tune it to operate at temperatures under 70 degrees for operation with  
2 fuel oil. Liberty is a dual peaking system meaning its system peaks happen in both winter and  
3 summer months but the Company cannot operate Riverton 11 at winter ambient temperatures  
4 if natural gas supply is interrupted. Staff is also concerned with the \*\*\* [REDACTED] \*\*\*  
5 designation switch from Riverton 10 to Riverton 11. If natural gas supply is interrupted, then  
6 Riverton 11 is virtually useless in the winter months for \*\*\* [REDACTED] \*\*\*.  
7 Liberty's customers should be held harmless for the imprudent lack of maintenance and winter  
8 preparation on Riverton 11. Therefore, Staff recommends a \*\* [REDACTED] \*\* disallowance  
9 based on Liberty's imprudence by not tuning Riverton 11 for winter temperatures. Staff believes  
10 the loss in potential revenues could have been avoided had Liberty re-tuned Riverton 11 for  
11 winter ambient temperatures.

12 **CONCLUSION AND RECOMMENDATION**

13 Q. What is Staff's proposed disallowance in this case?

14 A. Staff's recommended disallowance of \*\* [REDACTED] \*\*, which is based  
15 Staff's position in this case that only 95% of Liberty's fuel and purchased power costs during  
16 Winter Storm Uri should be securitized. This is detailed in Staff witness Brooke  
17 Mastrogiannis's rebuttal testimony. If the Commission decides that 100% of Liberty's fuel and  
18 purchased power costs during Winter Storm Uri should be securitized, then Staff's  
19 recommended disallowance is \*\* [REDACTED] \*\*, which reflects the full 100% amount of  
20 fuel and purchasd power costs that Liberty should not be allowed to securitize.

21 Q. Does this conclude your rebuttal testimony?

22 A. Yes

**BEFORE THE PUBLIC SERVICE COMMISSION**

**OF THE STATE OF MISSOURI**

In the Matter of the Petition of The Empire )  
District Electric Company d/b/a Liberty to ) Case No. EO-2022-0040  
Obtain a Financing Order that Authorizes the )  
Issuance of Securitized Utility Tariff Bonds )  
for Qualified Extraordinary Costs )

In the Matter of the Petition of The Empire )  
District Electric Company d/b/a Liberty to )  
Obtain a Financing Order that Authorizes the ) Case No. EO-2022-0193  
Issuance of Securitized Utility Tariff Bonds )  
for Energy Transition Costs Related to the )  
Asbury Plant )

**AFFIDAVIT OF JORDAN T. HULL**

STATE OF MISSOURI     )  
  )     ss.  
COUNTY OF COLE     )

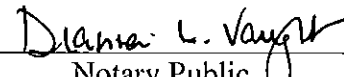
**COMES NOW JORDAN T. HULL** and on his oath declares that he is of sound mind and lawful age; that he contributed to the foregoing *Rebuttal Testimony of Jordan T. Hull*; and that the same is true and correct according to his best knowledge and belief.

Further the Affiant sayeth not.

  
\_\_\_\_\_  
**JORDAN T. HULL**

**JURAT**

Subscribed and sworn before me, a duly constituted and authorized Notary Public, in and for the County of Cole, State of Missouri, at my office in Jefferson City, on this 11<sup>th</sup> day of May, 2022.

  
\_\_\_\_\_  
Notary Public

DIANNA L. VAUGHT Notary Public - Notary Seal State of Missouri Commissioned for Cole County My Commission Expires: July 18, 2023 Commission Number: 15207377
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## **JORDAN T. HULL**

### **CURRENT POSITION:**

I am currently an Associate Engineer in the Energy Resources Department, Industry Analysis Division, of the Missouri Public Service Commission.

### **EDUCATIONAL BACKGROUND & WORK EXPERIENCE:**

I received my Bachelor of Science Degree in Biological Engineering from the University of Missouri-Columbia in May of 2016. In June of 2016 I began employment with the Missouri Department of Natural Resources in the Air Pollution Control Program as an Environmental Engineer I. In June of 2017, I was promoted to an Environmental Engineer II within the Air Pollution Control Program. I began employment with the commission in November of 2018.

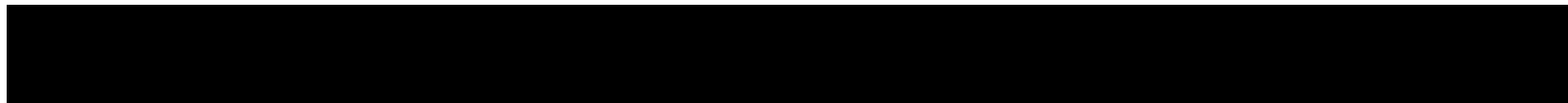
## JORDAN T. HULL

### SUMMARY OF CASE INVOLVEMENT:

<b>Case Number</b>	<b>Utility</b>	<b>Type</b>	<b>Issues</b>
EO-2019-0067	KCP&L GMO	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization
EO-2019-0068	KCP&L	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization
EO-2019-0049	Liberty-Empire Electric Company	Integrated Resource Plan	Misc.
EO-2019-0132 & EO-2019-0133	KCP&L	MEEIA	Misc.
EO-2019-0257	Ameren- Missouri	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization
ER-2019-0335	Ameren- Missouri	Rate Case	Heat Rates
ER-2019-0374	Liberty-Empire Electric Company	Rate Case	Heat Rates
EO-2020-0059	Liberty-Empire Electric Company	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization
EO-2020-0262	EvergyWest	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization, Self-Commitment.
EO-2020-0263	Evergy Metro	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization, Self-Commitment
EO-2021-0060	Ameren- Missouri	FAC Prudency Review	Heat Rates, Plant Outages, Generation Utilization, Self-Commitment
EO-2021-0281	Liberty- Empire	FAC Prudency Review	Heat Rate, Plant Outages, Generation Utilization, Self-Commitment
EO-2021-0035	Evergy- Metro	Integrated Resource Plan	Misc.

EO-2021-0036	Evergy- West	Integrated Resource Plan	Misc.
EO-2021-0060	Ameren- Missouri	FAC Prudency Review	Heat Rate, Plant Outages, Generation Utilization, Self-Commitment
ER-2021-0240	Ameren- Missouri	Rate Case	Heat Rate
ER-2021-0312	Liberty- Empire	Rate Case	Heat Rate
EA-2022-0099	Ameren- Missouri	Transmission	Qualified to construct

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<sup>1</sup>Number of gallons on site at Riverton before Storm URI-Data Request 0093 EO-2022-0040

<sup>2</sup> Heat content of the #2 fuel oil -North Carolina Petroleum & Convenience Marketers, Combustion of Number 2 Fuel Oil, Domestic Pressure Atomizing Oil Burners, Pumps & Piping, Controls, Page 2 (April 2013)

<sup>3</sup> Heat rate of Riverton 11 on Natural gas ( company didn't have heat rates on fuel oil)-Data Request 0093 EO-2022-0040

<sup>4</sup> Number of MW Riverton 11 produces in winter operation- Data Request 0093 EO-2022-0040



	Original	Reprice 1	Reprice 2	Original w/ R2
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2/2/2021 6:00	26.2125			26.2125
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2/6/2021 21:00	25.0699	25.0699
2/6/2021 22:00	23.0079	23.0079
2/6/2021 23:00	20.2697	20.2697
2/7/2021 0:00	20.463	20.463
2/7/2021 1:00	22.2721	22.2721
2/7/2021 2:00	20.1325	20.1325
2/7/2021 3:00	20.2032	20.2032
2/7/2021 4:00	21.6373	21.6373
2/7/2021 5:00	27.9111	27.9111
2/7/2021 6:00	23.6618	23.6618
2/7/2021 7:00	26.2657	26.2657
2/7/2021 8:00	31.1005	31.1005
2/7/2021 9:00	32.4965	32.4965
2/7/2021 10:00	35.4396	35.4396
2/7/2021 11:00	33.7696	33.7696
2/7/2021 12:00	28.3541	28.3541
2/7/2021 13:00	24.8062	24.8062
2/7/2021 14:00	22.6049	22.6049
2/7/2021 15:00	21.1333	21.1333
2/7/2021 16:00	24.4854	24.4854
2/7/2021 17:00	31.5248	31.5248
2/7/2021 18:00	41.8947	41.8947
2/7/2021 19:00	46.9382	46.9382
2/7/2021 20:00	40.1089	40.1089

2/7/2021 21:00	35.2086	35.2086
2/7/2021 22:00	29.8004	29.8004
2/7/2021 23:00	27.7188	27.7188
2/8/2021 0:00	25.3016	25.3016
2/8/2021 1:00	25.4179	25.4179
2/8/2021 2:00	23.8657	23.8657
2/8/2021 3:00	25.5886	25.5886
2/8/2021 4:00	26.5146	26.5146
2/8/2021 5:00	28.1362	28.1362
2/8/2021 6:00	31.0852	31.0852
2/8/2021 7:00	31.2269	31.2269
2/8/2021 8:00	36.3977	36.3977
2/8/2021 9:00	37.7327	37.7327
2/8/2021 10:00	41.6115	41.6115
2/8/2021 11:00	38.2742	38.2742
2/8/2021 12:00	33.3506	33.3506
2/8/2021 13:00	32.3934	32.3934
2/8/2021 14:00	31.0269	31.0269
2/8/2021 15:00	30.8723	30.8723
2/8/2021 16:00	31.3765	31.3765
2/8/2021 17:00	33.7619	33.7619
2/8/2021 18:00	38.1501	38.1501
2/8/2021 19:00	38.146	38.146
2/8/2021 20:00	32.7753	32.7753
2/8/2021 21:00	26.8434	26.8434
2/8/2021 22:00	24.0527	24.0527
2/8/2021 23:00	22.6456	22.6456
2/9/2021 0:00	20.5226	20.5226
2/9/2021 1:00	31.1549	31.1549
2/9/2021 2:00	29.2711	29.2711
2/9/2021 3:00	31.0375	31.0375
2/9/2021 4:00	29.0899	29.0899
2/9/2021 5:00	29.7705	29.7705
2/9/2021 6:00	32.9764	32.9764
2/9/2021 7:00	38.4758	38.4758
2/9/2021 8:00	34.5578	34.5578
2/9/2021 9:00	40.6475	40.6475
2/9/2021 10:00	45.1816	45.1816
2/9/2021 11:00	50.7611	50.7611
2/9/2021 12:00	42.0198	42.0198
2/9/2021 13:00	34.2597	34.2597
2/9/2021 14:00	34.6869	34.6869
2/9/2021 15:00	30.5203	30.5203
2/9/2021 16:00	29.0053	29.0053
2/9/2021 17:00	28.2429	28.2429
2/9/2021 18:00	30.3022	30.3022
2/9/2021 19:00	31.4309	31.4309

2/9/2021 20:00	31.3903	31.3903
2/9/2021 21:00	35.0699	35.0699
2/9/2021 22:00	31.5827	31.5827
2/9/2021 23:00	32.9607	32.9607
2/10/2021 0:00	30.6508	30.6508
2/10/2021 1:00	43.5342	43.5342
2/10/2021 2:00	41.7283	41.7283
2/10/2021 3:00	41.6665	41.6665
2/10/2021 4:00	42.0241	42.0241
2/10/2021 5:00	44.077	44.077
2/10/2021 6:00	52.4922	52.4922
2/10/2021 7:00	53.4153	53.4153
2/10/2021 8:00	71.4818	71.4818
2/10/2021 9:00	54.2885	54.2885
2/10/2021 10:00	54.1156	54.1156
2/10/2021 11:00	45.158	45.158
2/10/2021 12:00	42.3844	42.3844
2/10/2021 13:00	43.8066	43.8066
2/10/2021 14:00	40.3756	40.3756
2/10/2021 15:00	39.5555	39.5555
2/10/2021 16:00	36.6377	36.6377
2/10/2021 17:00	37.9632	37.9632
2/10/2021 18:00	38.935	38.935
2/10/2021 19:00	46.8951	46.8951
2/10/2021 20:00	41.0166	41.0166
2/10/2021 21:00	44.7854	44.7854
2/10/2021 22:00	42.7255	42.7255
2/10/2021 23:00	41.5058	41.5058
2/11/2021 0:00	37.9082	37.9082
2/11/2021 1:00	47.3062	47.3062
2/11/2021 2:00	43.9954	43.9954
2/11/2021 3:00	43.5744	43.5744
2/11/2021 4:00	45.5304	45.5304
2/11/2021 5:00	46.7576	46.7576
2/11/2021 6:00	58.318	58.318
2/11/2021 7:00	58.9895	58.9895
2/11/2021 8:00	67.4912	67.4912
2/11/2021 9:00	59.8647	59.8647
2/11/2021 10:00	58.6769	58.6769
2/11/2021 11:00	54.9997	54.9997
2/11/2021 12:00	48.5626	48.5626
2/11/2021 13:00	58.9103	58.9103
2/11/2021 14:00	56.6973	56.6973
2/11/2021 15:00	52.8004	52.8004
2/11/2021 16:00	50.8869	50.8869
2/11/2021 17:00	51.5176	51.5176
2/11/2021 18:00	45.3805	45.3805

2/11/2021 19:00	57.4498			57.4498
2/11/2021 20:00	48.9141			48.9141
2/11/2021 21:00	44.8939			44.8939
2/11/2021 22:00	51.3124			51.3124
2/11/2021 23:00	46.8845			46.8845
2/12/2021 0:00	45.4779			45.4779
2/12/2021 1:00	55.0249			55.0249
2/12/2021 2:00	50.1425			50.1425
2/12/2021 3:00	50.9763			50.9763
2/12/2021 4:00	49.2252			49.2252
2/12/2021 5:00	56.9082			56.9082
2/12/2021 6:00	71.2011			71.2011
2/12/2021 7:00	89.2933			89.2933
2/12/2021 8:00	111.3339			111.3339
2/12/2021 9:00	92.7418			92.7418
2/12/2021 10:00	108.5225			108.5225
2/12/2021 11:00	103.6301			103.6301
2/12/2021 12:00	98.7393			98.7393
2/12/2021 13:00	89.0526			89.0526
2/12/2021 14:00	88.1302			88.1302
2/12/2021 15:00	77.9763			77.9763
2/12/2021 16:00	74.6526			74.6526
2/12/2021 17:00	77.6043			77.6043
2/12/2021 18:00	88.4205			88.4205
2/12/2021 19:00	102.4571			102.4571
2/12/2021 20:00	97.6929			97.6929
2/12/2021 21:00	96.9296			96.9296
2/12/2021 22:00	87.3629			87.3629
2/12/2021 23:00	80.6472			80.6472
2/13/2021 0:00	75.1902			75.1902
2/13/2021 1:00	98.1383	93.2542	171.0123	171.0123
2/13/2021 2:00	96.7417	89.2853	159.4061	159.4061
2/13/2021 3:00	92.3915	88.5466	159.6733	159.6733
2/13/2021 4:00	93.9263	84.6435	143.5873	143.5873
2/13/2021 5:00	98.4491	86.2186	150.4914	150.4914
2/13/2021 6:00	108.2529	91.1484	157.4496	157.4496
2/13/2021 7:00	148.9341	92.1603	159.1162	159.1162
2/13/2021 8:00	171.2039	109.49	170.6761	170.6761
2/13/2021 9:00	155.6896	113.4724	173.3812	173.3812
2/13/2021 10:00	209.0213	190.1283	578.3527	578.3527
2/13/2021 11:00	203.9817	272.5506	665.8802	665.8802
2/13/2021 12:00	200.223	196.6804	318.4322	318.4322
2/13/2021 13:00	196.8008	193.0812	322.7404	322.7404
2/13/2021 14:00	184.841	174.7964	286.8717	286.8717
2/13/2021 15:00	181.6005	162.6416	260.6706	260.6706
2/13/2021 16:00	162.3624	151.0273	238.4051	238.4051
2/13/2021 17:00	170.6455	170.8222	270.2354	270.2354

Beginning of outage

2/13/2021 18:00	194.0202	203.4171	373.2028	373.2028	
2/13/2021 19:00	209.3397	264.0443	656.758	656.758	
2/13/2021 20:00	204.2759	217.2336	602.9632	602.9632	
2/13/2021 21:00	199.96	268.7516	750.5214	750.5214	
2/13/2021 22:00	192.0161	216.5056	659.5326	659.5326	
2/13/2021 23:00	185.7211	189.4374	346.8475	346.8475	
2/14/2021 0:00	182.9119	181.7127	350.5773	350.5773	
2/14/2021 1:00	93.2542	866.8008	978.9476	978.9476	
2/14/2021 2:00	89.2853	902.6533	982.2243	982.2243	
2/14/2021 3:00	88.5466	729.8135	984.0532	984.0532	
2/14/2021 4:00	84.6435	598.258	982.4053	982.4053	
2/14/2021 5:00	86.2186	514.8813	981.8485	981.8485	
2/14/2021 6:00	91.1484	897.175	986.3886	986.3886	
2/14/2021 7:00	92.1603	975.3124	985.3867	985.3867	
2/14/2021 8:00	109.49	989.3171	991.1303	991.1303	
2/14/2021 9:00	113.4724	1007.194	1004.729	1004.7288	
2/14/2021 10:00	190.1283	1524.947	1015.047	1015.0474	
2/14/2021 11:00	272.5506	1060.505	1033.973	1033.9733	
2/14/2021 12:00	196.6804	1056.673	1029.899	1029.8988	
2/14/2021 13:00	193.0812	1536.059	1043.355	1043.3551	
2/14/2021 14:00	174.7964	1052.482	999.0062	999.0062	
2/14/2021 15:00	162.6416	991.7536	992.0802	992.0802	
2/14/2021 16:00	151.0273	987.2418	989.2453	989.2453	
2/14/2021 17:00	170.8222	1053.26	1002.159	1002.1586	
2/14/2021 18:00	203.4171	1533.662	1044.926	1044.9258	
2/14/2021 19:00	264.0443	2336.67	1080.359	1080.3594	
2/14/2021 20:00	217.2336	1606.918	1017.361	1017.3606	
2/14/2021 21:00	268.7516	1568.997	1013.106	1013.1055	
2/14/2021 22:00	216.5056	1521.777	993.977	993.977	
2/14/2021 23:00	189.4374	1057.998	992.2291	992.2291	
2/15/2021 0:00	181.7127	995.1003	993.8495	993.8495	1
2/15/2021 1:00	866.8008		866.8008	866.8008	2
2/15/2021 2:00	902.6533		902.6533	902.6533	3
2/15/2021 3:00	729.8135		729.8135	729.8135	4
2/15/2021 4:00	598.258		598.258	598.258	5
2/15/2021 5:00	514.8813		514.8813	514.8813	6
2/15/2021 6:00	897.175		897.175	897.175	7
2/15/2021 7:00	975.3124		975.3124	975.3124	8
2/15/2021 8:00	989.3171		989.3171	989.3171	9
2/15/2021 9:00	1007.194		1007.1943	1007.1943	10
2/15/2021 10:00	1524.947		1524.947	1524.947	11
2/15/2021 11:00	1060.505		1060.5048	1060.5048	12
2/15/2021 12:00	1056.673		1056.6734	1056.6734	13
2/15/2021 13:00	1536.059		1536.0586	1536.0586	14
2/15/2021 14:00	1052.482		1052.482	1052.482	15
2/15/2021 15:00	991.7536		991.7536	991.7536	16

**\$ 2,761,666.37**

2/15/2021 16:00	987.2418	987.2418	17
2/15/2021 17:00	1053.26	1053.2598	18
2/15/2021 18:00	1533.662	1533.6623	19
2/15/2021 19:00	2336.67	2336.6702	20
2/15/2021 20:00	1606.918	1606.918	21
2/15/2021 21:00	1568.997	1568.9974	22
2/15/2021 22:00	1521.777	1521.7769	23
2/15/2021 23:00	1057.998	1057.9975	24
2/16/2021 0:00	995.1003	995.1003	25
2/16/2021 1:00	1950.561	1950.5614	26
2/16/2021 2:00	2008.91	2008.9102	27
2/16/2021 3:00	2021.067	2021.0665	28
2/16/2021 4:00	2026.925	2026.9246	29
2/16/2021 5:00	2559.132	2559.1317	30
2/16/2021 6:00	3165.515	3165.5148	31
2/16/2021 7:00	3241.284	3241.2839	32
2/16/2021 8:00	3252.399	3252.3993	33
2/16/2021 9:00	3258.943	3258.9426	34
2/16/2021 10:00	3221.394	3221.3942	35
2/16/2021 11:00	3231.245	3231.2448	36
2/16/2021 12:00	3266.586	3266.5859	37
2/16/2021 13:00	3308.532	3308.5322	38
2/16/2021 14:00	3272.531	3272.531	39
2/16/2021 15:00	3205.781	3205.7814	40
2/16/2021 16:00	3303.675	3303.6747	41
2/16/2021 17:00	3197.724	3197.7237	42
2/16/2021 18:00	3084.379	3084.3785	43
2/16/2021 19:00	3232.217	3232.2165	44
2/16/2021 20:00	3290.42	3290.4199	45
2/16/2021 21:00	3205.647	3205.6471	46
2/16/2021 22:00	3090.181	3090.1807	47
2/16/2021 23:00	3126.386	3126.3858	48
2/17/2021 0:00	3211.089	3211.089	49
2/17/2021 1:00	3228.461	3228.4612	50
2/17/2021 2:00	3250.292	3250.2918	51
2/17/2021 3:00	3268.149	3268.1493	52
2/17/2021 4:00	3071.023	3071.0226	53
2/17/2021 5:00	3109.99	3109.9897	54
2/17/2021 6:00	3057.308	3057.3078	55
2/17/2021 7:00	3123.872	3123.8718	56
2/17/2021 8:00	3253.378	3253.3782	57
2/17/2021 9:00	3124.738	3124.7381	58
2/17/2021 10:00	3322.968	3322.9678	59
2/17/2021 11:00	3067.245	3067.2453	60
2/17/2021 12:00	3113.982	3113.9818	61
2/17/2021 13:00	3097.839	3097.8392	62
2/17/2021 14:00	2802.363	2802.3628	63



2/17/2021 15:00	2160.673	2160.6728	64
2/17/2021 16:00	1801.696	1801.6961	65
2/17/2021 17:00	1928.72	1928.7197	66
2/17/2021 18:00	2459.373	2459.3731	67
2/17/2021 19:00	3082.751	3082.7508	68
2/17/2021 20:00	3271.981	3271.981	69
2/17/2021 21:00	3065.362	3065.3623	70
2/17/2021 22:00	2883.664	2883.6635	71
2/17/2021 23:00	2030.978	2030.9783	72
2/18/2021 0:00	1529.019	1529.0189	73
2/18/2021 1:00	2298.777	2298.7773	74
2/18/2021 2:00	2210.796	2210.7962	75
2/18/2021 3:00	2298.952	2298.9521	76
2/18/2021 4:00	2288.957	2288.9567	77
2/18/2021 5:00	2206.425	2206.4251	78
2/18/2021 6:00	2202.654	2202.6544	79
2/18/2021 7:00	2406.887	2406.8866	80
2/18/2021 8:00	2405.529	2405.5292	
2/18/2021 9:00	2307.829	2307.8294	
2/18/2021 10:00	2355.322	2355.3216	
2/18/2021 11:00	2393.846	2393.8457	
2/18/2021 12:00	2167.271	2167.271	
2/18/2021 13:00	2183.003	2183.0026	
2/18/2021 14:00	2190.57	2190.5704	
2/18/2021 15:00	2115.904	2115.9041	
2/18/2021 16:00	2098.521	2098.5214	
2/18/2021 17:00	2160.22	2160.22	
2/18/2021 18:00	2154.386	2154.3856	
2/18/2021 19:00	2154.723	2154.723	
2/18/2021 20:00	2167.033	2167.0325	
2/18/2021 21:00	2154.842	2154.8423	
2/18/2021 22:00	2192.48	2192.4796	
2/18/2021 23:00	2145.074	2145.0735	
2/19/2021 0:00	2181.178	2181.1781	
2/19/2021 1:00	4139.399	4139.3987	
2/19/2021 2:00	3469.109	3469.1088	
2/19/2021 3:00	4627.077	4627.0774	
2/19/2021 4:00	4637.5	4637.4999	
2/19/2021 5:00	3759.608	3759.6081	
2/19/2021 6:00	4720.263	4720.2625	
2/19/2021 7:00	3468.413	3468.4125	
2/19/2021 8:00	3442.086	3442.0863	
2/19/2021 9:00	3757.465	3757.4654	
2/19/2021 10:00	3978.036	3978.0364	
2/19/2021 11:00	3977.104	3977.1035	
2/19/2021 12:00	3976.269	3976.2689	
2/19/2021 13:00	3969.214	3969.2141	

2/19/2021 14:00	3980.591	3980.5907
2/19/2021 15:00	3985.372	3985.3716
2/19/2021 16:00	3981.933	3981.9327
2/19/2021 17:00	3943.225	3943.2249
2/19/2021 18:00	3938.345	3938.3448
2/19/2021 19:00	3933.749	3933.749
2/19/2021 20:00	3919.5	3919.4996
2/19/2021 21:00	3921.639	3921.6394
2/19/2021 22:00	3922.865	3922.8652
2/19/2021 23:00	3929.045	3929.0454
2/20/2021 0:00	3939.727	3939.727
2/20/2021 1:00	2027.686	2027.6855
2/20/2021 2:00	2014.184	2014.184
2/20/2021 3:00	2020.043	2020.0431
2/20/2021 4:00	1938.919	1938.9191
2/20/2021 5:00	2028.512	2028.5117
2/20/2021 6:00	2102.862	2102.8623
2/20/2021 7:00	3100.204	3100.2039
2/20/2021 8:00	3091.439	3091.4389
2/20/2021 9:00	3152.001	3152.0011
2/20/2021 10:00	2065.31	2065.3104
2/20/2021 11:00	1542.957	1542.9568
2/20/2021 12:00	1052.199	1052.1991
2/20/2021 13:00	522.8792	522.8792
2/20/2021 14:00	228.2223	228.2223
2/20/2021 15:00	124.7854	124.7854
2/20/2021 16:00	85.0069	85.0069
2/20/2021 17:00	90.6485	90.6485
2/20/2021 18:00	91.2597	91.2597
2/20/2021 19:00	197.1547	197.1547
2/20/2021 20:00	120.9385	120.9385
2/20/2021 21:00	100.2572	100.2572
2/20/2021 22:00	91.5044	91.5044
2/20/2021 23:00	91.9046	91.9046
2/21/2021 0:00	90.308	90.308
2/21/2021 1:00	118.7946	118.7946
2/21/2021 2:00	99.9119	99.9119
2/21/2021 3:00	104.8929	104.8929
2/21/2021 4:00	108.7092	108.7092
2/21/2021 5:00	128.0539	128.0539
2/21/2021 6:00	156.1968	156.1968
2/21/2021 7:00	233.6486	233.6486
2/21/2021 8:00	286.6899	286.6899
2/21/2021 9:00	354.8216	354.8216
2/21/2021 10:00	218.7244	218.7244
2/21/2021 11:00	163.4902	163.4902
2/21/2021 12:00	104.9664	104.9664

2/21/2021 13:00	90.8384	90.8384
2/21/2021 14:00	79.1033	79.1033
2/21/2021 15:00	62.4881	62.4881
2/21/2021 16:00	70.9007	70.9007
2/21/2021 17:00	74.4252	74.4252
2/21/2021 18:00	106.3385	106.3385
2/21/2021 19:00	244.2199	244.2199
2/21/2021 20:00	233.5812	233.5812
2/21/2021 21:00	264.9057	264.9057
2/21/2021 22:00	302.1275	302.1275
2/21/2021 23:00	263.8527	263.8527
2/22/2021 0:00	227.1615	227.1615
2/22/2021 1:00	97.0743	97.0743
2/22/2021 2:00	106.6692	106.6692
2/22/2021 3:00	91.7783	91.7783
2/22/2021 4:00	82.9616	82.9616
2/22/2021 5:00	90.6382	90.6382
2/22/2021 6:00	123.7105	123.7105
2/22/2021 7:00	119.8479	119.8479
2/22/2021 8:00	115.9762	115.9762
2/22/2021 9:00	78.09	78.09
2/22/2021 10:00	60.8724	60.8724
2/22/2021 11:00	59.6716	59.6716
2/22/2021 12:00	51.1443	51.1443
2/22/2021 13:00	57.7353	57.7353
2/22/2021 14:00	76.9401	76.9401
2/22/2021 15:00	58.0791	58.0791
2/22/2021 16:00	44.92	44.92
2/22/2021 17:00	48.03	48.03
2/22/2021 18:00	55.9081	55.9081
2/22/2021 19:00	60.3935	60.3935
2/22/2021 20:00	69.5523	69.5523
2/22/2021 21:00	73.3224	73.3224
2/22/2021 22:00	65.2905	65.2905
2/22/2021 23:00	63.544	63.544
2/23/2021 0:00	50.2954	50.2954
2/23/2021 1:00	56.1277	56.1277
2/23/2021 2:00	53.163	53.163
2/23/2021 3:00	111.7437	111.7437
2/23/2021 4:00	117.7242	117.7242
2/23/2021 5:00	103.9109	103.9109
2/23/2021 6:00	169.6531	169.6531
2/23/2021 7:00	140.42	140.42
2/23/2021 8:00	101.79	101.79
2/23/2021 9:00	87.76	87.76
2/23/2021 10:00	91.0084	91.0084
2/23/2021 11:00	100.6813	100.6813

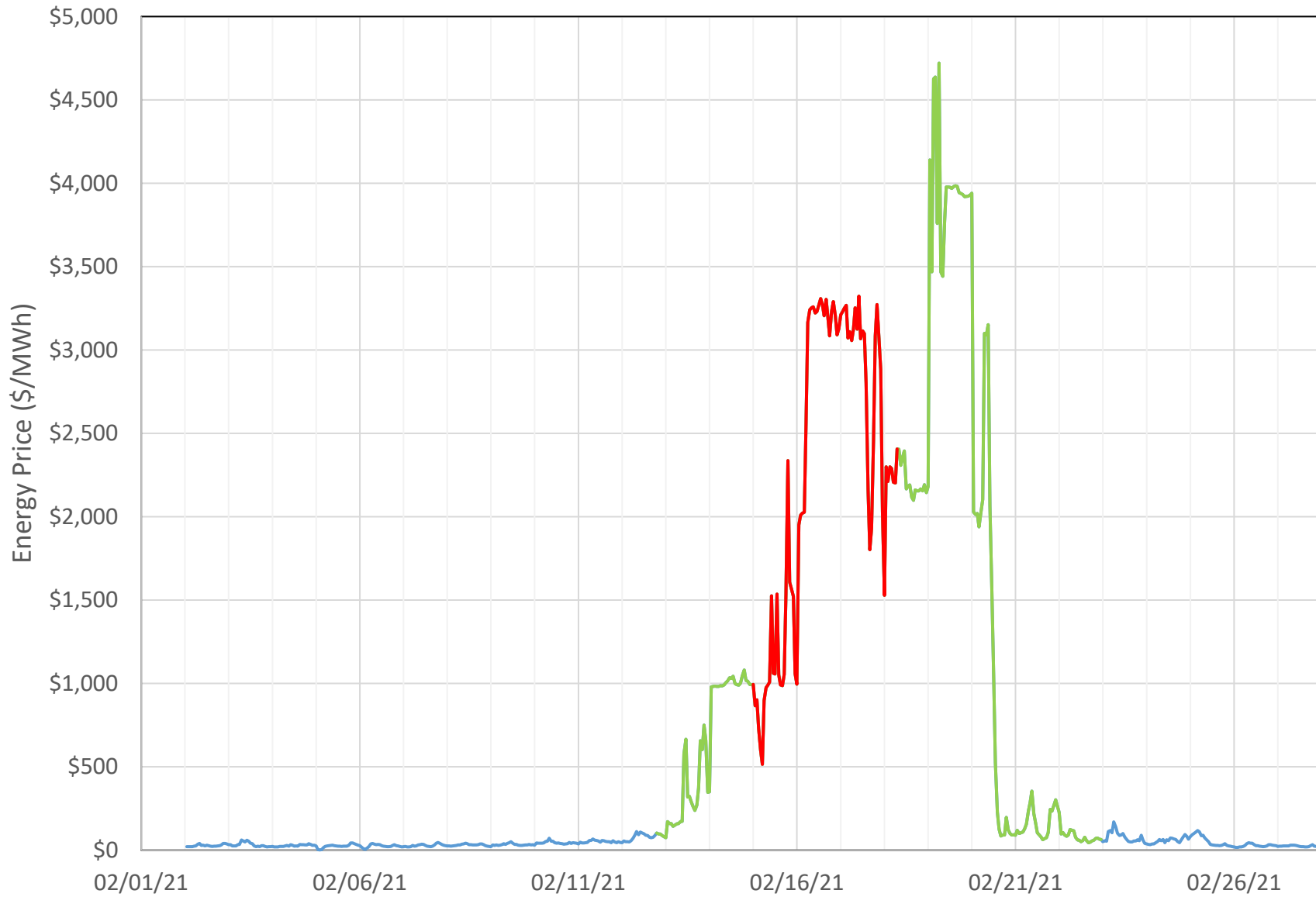
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2/23/2021 13:00	64.5258	64.5258
2/23/2021 14:00	52.5027	52.5027
2/23/2021 15:00	49.9652	49.9652
2/23/2021 16:00	50.0103	50.0103
2/23/2021 17:00	54.6067	54.6067
2/23/2021 18:00	54.6686	54.6686
2/23/2021 19:00	62.8219	62.8219
2/23/2021 20:00	56.8459	56.8459
2/23/2021 21:00	89.6995	89.6995
2/23/2021 22:00	59.3902	59.3902
2/23/2021 23:00	40.4369	40.4369
2/24/2021 0:00	38.209	38.209
2/24/2021 1:00	34.095	34.095
2/24/2021 2:00	33.2435	33.2435
2/24/2021 3:00	37.1244	37.1244
2/24/2021 4:00	37.941	37.941
2/24/2021 5:00	44.7541	44.7541
2/24/2021 6:00	52.4914	52.4914
2/24/2021 7:00	63.6291	63.6291
2/24/2021 8:00	57.3276	57.3276
2/24/2021 9:00	63.5703	63.5703
2/24/2021 10:00	45.4526	45.4526
2/24/2021 11:00	63.4375	63.4375
2/24/2021 12:00	57.0492	57.0492
2/24/2021 13:00	72.47	72.47
2/24/2021 14:00	71.14	71.14
2/24/2021 15:00	66.7297	66.7297
2/24/2021 16:00	64.1026	64.1026
2/24/2021 17:00	52.2685	52.2685
2/24/2021 18:00	45.5376	45.5376
2/24/2021 19:00	60.94	60.94
2/24/2021 20:00	77.64	77.64
2/24/2021 21:00	94.4239	94.4239
2/24/2021 22:00	83.46	83.46
2/24/2021 23:00	65.5888	65.5888
2/25/2021 0:00	82.6	82.6
2/25/2021 1:00	92.9627	92.9627
2/25/2021 2:00	99.8538	99.8538
2/25/2021 3:00	109.6196	109.6196
2/25/2021 4:00	117.82	117.82
2/25/2021 5:00	110.5456	110.5456
2/25/2021 6:00	87.3069	87.3069
2/25/2021 7:00	89.7825	89.7825
2/25/2021 8:00	72.8734	72.8734
2/25/2021 9:00	60.8799	60.8799
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2/25/2021 11:00	35.2278	35.2278
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2/25/2021 15:00	28.1614	28.1614
2/25/2021 16:00	26.8808	26.8808
2/25/2021 17:00	27.992	27.992
2/25/2021 18:00	32.5667	32.5667
2/25/2021 19:00	39.6005	39.6005
2/25/2021 20:00	28.9393	28.9393
2/25/2021 21:00	25.4137	25.4137
2/25/2021 22:00	23.6124	23.6124
2/25/2021 23:00	21.3308	21.3308
2/26/2021 0:00	19.248	19.248
2/26/2021 1:00	16.4527	16.4527
2/26/2021 2:00	17.3304	17.3304
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2/26/2021 5:00	23.1888	23.1888
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2/26/2021 9:00	41.8199	41.8199
2/26/2021 10:00	42.1314	42.1314
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2/26/2021 15:00	22.0605	22.0605
2/26/2021 16:00	21.1888	21.1888
2/26/2021 17:00	21.968	21.968
2/26/2021 18:00	25.5416	25.5416
2/26/2021 19:00	33.5923	33.5923
2/26/2021 20:00	32.3972	32.3972
2/26/2021 21:00	30.4141	30.4141
2/26/2021 22:00	28.0068	28.0068
2/26/2021 23:00	26.5843	26.5843
2/27/2021 0:00	23.0329	23.0329
2/27/2021 1:00	23.7087	23.7087
2/27/2021 2:00	23.4828	23.4828
2/27/2021 3:00	25.0585	25.0585
2/27/2021 4:00	24.9689	24.9689
2/27/2021 5:00	25.5016	25.5016
2/27/2021 6:00	25.3309	25.3309
2/27/2021 7:00	29.997	29.997
2/27/2021 8:00	30.1196	30.1196
2/27/2021 9:00	29.844	29.844

2/27/2021 10:00	29.0672	29.0672
2/27/2021 11:00	25.3279	25.3279
2/27/2021 12:00	22.9898	22.9898
2/27/2021 13:00	21.7398	21.7398
2/27/2021 14:00	20.4255	20.4255
2/27/2021 15:00	19.2633	19.2633
2/27/2021 16:00	19.1153	19.1153
2/27/2021 17:00	21.4403	21.4403
2/27/2021 18:00	26.7874	26.7874
2/27/2021 19:00	32.3871	32.3871
2/27/2021 20:00	24.5232	24.5232
2/27/2021 21:00	22.2343	22.2343
2/27/2021 22:00	22.2033	22.2033
2/27/2021 23:00	21.423	21.423
2/28/2021 0:00	20.5736	20.5736
2/28/2021 1:00	27.6024	27.6024
2/28/2021 2:00	25.0317	25.0317
2/28/2021 3:00	30.1048	30.1048
2/28/2021 4:00	27.271	27.271
2/28/2021 5:00	23.8	23.8
2/28/2021 6:00	25.168	25.168
2/28/2021 7:00	29.6686	29.6686
2/28/2021 8:00	27.59	27.59
2/28/2021 9:00	30.381	30.381
2/28/2021 10:00	24.57	24.57
2/28/2021 11:00	21.7	21.7
2/28/2021 12:00	26.8294	26.8294
2/28/2021 13:00	39.1456	39.1456
2/28/2021 14:00	40	40
2/28/2021 15:00	50.7839	50.7839
2/28/2021 16:00	45.598	45.598
2/28/2021 17:00	41.2208	41.2208
2/28/2021 18:00	34.2546	34.2546
2/28/2021 19:00	43.128	43.128
2/28/2021 20:00	48.6455	48.6455
2/28/2021 21:00	43.0266	43.0266
2/28/2021 22:00	39.7923	39.7923
2/28/2021 23:00	35.8454	35.8454
3/1/2021 0:00	30.025	30.025
3/1/2021 1:00	12.29	12.29
3/1/2021 2:00	11.79	11.79
3/1/2021 3:00	23.4216	23.4216
3/1/2021 4:00	15.7286	15.7286
3/1/2021 5:00	23.3058	23.3058
3/1/2021 6:00	24.6203	24.6203
3/1/2021 7:00	39.1606	39.1606
3/1/2021 8:00	40.2767	40.2767

3/1/2021 9:00	38.5837	38.5837
3/1/2021 10:00	44.2954	44.2954
3/1/2021 11:00	47.1913	47.1913
3/1/2021 12:00	36.7405	36.7405
3/1/2021 13:00	30.5042	30.5042
3/1/2021 14:00	23.1855	23.1855
3/1/2021 15:00	21.15	21.15
3/1/2021 16:00	22.1434	22.1434
3/1/2021 17:00	20.497	20.497
3/1/2021 18:00	23.8855	23.8855
3/1/2021 19:00	29.6244	29.6244
3/1/2021 20:00	28.1433	28.1433
3/1/2021 21:00	24.5394	24.5394
3/1/2021 22:00	21.5417	21.5417
3/1/2021 23:00	19.8041	19.8041
3/2/2021 0:00	18.0601	18.0601

# Riverton 11 DA LMP February 2021





Date/Time	Original	Reprice 1	Reprice 2	Original w/ R2	Price Capped at \$1000/MWh
2/2/2021 1:00	21.2475			21.2475	21.2475
2/2/2021 2:00	20.5519			20.5519	20.5519
2/2/2021 3:00	20.6557			20.6557	20.6557
2/2/2021 4:00	21.1261			21.1261	21.1261
2/2/2021 5:00	23.6962			23.6962	23.6962
2/2/2021 6:00	26.2125			26.2125	26.2125
2/2/2021 7:00	35.8979			35.8979	35.8979
2/2/2021 8:00	40.6998			40.6998	40.6998
2/2/2021 9:00	28.562			28.562	28.562
2/2/2021 10:00	29.5408			29.5408	29.5408
2/2/2021 11:00	25.8879			25.8879	25.8879
2/2/2021 12:00	30.2865			30.2865	30.2865
2/2/2021 13:00	26.7015			26.7015	26.7015
2/2/2021 14:00	23.7138			23.7138	23.7138
2/2/2021 15:00	23.0489			23.0489	23.0489
2/2/2021 16:00	23.7748			23.7748	23.7748
2/2/2021 17:00	23.6545			23.6545	23.6545
2/2/2021 18:00	25.8838			25.8838	25.8838
2/2/2021 19:00	27.2404			27.2404	27.2404
2/2/2021 20:00	31.7891			31.7891	31.7891
2/2/2021 21:00	40.4068			40.4068	40.4068
2/2/2021 22:00	40.2021			40.2021	40.2021
2/2/2021 23:00	37.2724			37.2724	37.2724
2/3/2021 0:00	33.3523			33.3523	33.3523
2/3/2021 1:00	32.68			32.68	32.68
2/3/2021 2:00	25			25	25
2/3/2021 3:00	25			25	25
2/3/2021 4:00	25.04			25.04	25.04
2/3/2021 5:00	33.44			33.44	33.44
2/3/2021 6:00	34.08			34.08	34.08
2/3/2021 7:00	60.6565			60.6565	60.6565
2/3/2021 8:00	55.706			55.706	55.706

2/3/2021 9:00	48.76	48.76	48.76
2/3/2021 10:00	59.7355	59.7355	59.7355
2/3/2021 11:00	53.7689	53.7689	53.7689
2/3/2021 12:00	41.4129	41.4129	41.4129
2/3/2021 13:00	38.5744	38.5744	38.5744
2/3/2021 14:00	26.2483	26.2483	26.2483
2/3/2021 15:00	21.5469	21.5469	21.5469
2/3/2021 16:00	24.0392	24.0392	24.0392
2/3/2021 17:00	20.7632	20.7632	20.7632
2/3/2021 18:00	26.4939	26.4939	26.4939
2/3/2021 19:00	27.7677	27.7677	27.7677
2/3/2021 20:00	22.2315	22.2315	22.2315
2/3/2021 21:00	19.9772	19.9772	19.9772
2/3/2021 22:00	20.5833	20.5833	20.5833
2/3/2021 23:00	21.6851	21.6851	21.6851
2/4/2021 0:00	22.7357	22.7357	22.7357
2/4/2021 1:00	19.1933	19.1933	19.1933
2/4/2021 2:00	18.9831	18.9831	18.9831
2/4/2021 3:00	19.4807	19.4807	19.4807
2/4/2021 4:00	22.0622	22.0622	22.0622
2/4/2021 5:00	22.4029	22.4029	22.4029
2/4/2021 6:00	23.3138	23.3138	23.3138
2/4/2021 7:00	24.9859	24.9859	24.9859
2/4/2021 8:00	28.3472	28.3472	28.3472
2/4/2021 9:00	24.5699	24.5699	24.5699
2/4/2021 10:00	32.5127	32.5127	32.5127
2/4/2021 11:00	30.7231	30.7231	30.7231
2/4/2021 12:00	24.1765	24.1765	24.1765
2/4/2021 13:00	25	25	25
2/4/2021 14:00	23.3929	23.3929	23.3929
2/4/2021 15:00	34.04	34.04	34.04
2/4/2021 16:00	33.47	33.47	33.47
2/4/2021 17:00	33.04	33.04	33.04
2/4/2021 18:00	32.04	32.04	32.04

2/4/2021 19:00	32.04	32.04	32.04
2/4/2021 20:00	38.88	38.88	38.88
2/4/2021 21:00	33.9025	33.9025	33.9025
2/4/2021 22:00	29.2407	29.2407	29.2407
2/4/2021 23:00	29.9092	29.9092	29.9092
2/5/2021 0:00	25.5421	25.5421	25.5421
2/5/2021 1:00	3.0601	3.0601	3.0601
2/5/2021 2:00	1.57	1.57	1.57
2/5/2021 3:00	3.671	3.671	3.671
2/5/2021 4:00	15.1605	15.1605	15.1605
2/5/2021 5:00	23.3321	23.3321	23.3321
2/5/2021 6:00	25.72	25.72	25.72
2/5/2021 7:00	26.771	26.771	26.771
2/5/2021 8:00	28.3552	28.3552	28.3552
2/5/2021 9:00	29.7545	29.7545	29.7545
2/5/2021 10:00	27.7974	27.7974	27.7974
2/5/2021 11:00	25.1946	25.1946	25.1946
2/5/2021 12:00	23.547	23.547	23.547
2/5/2021 13:00	24.0763	24.0763	24.0763
2/5/2021 14:00	22.4779	22.4779	22.4779
2/5/2021 15:00	24.6474	24.6474	24.6474
2/5/2021 16:00	24.3503	24.3503	24.3503
2/5/2021 17:00	24.002	24.002	24.002
2/5/2021 18:00	30.6185	30.6185	30.6185
2/5/2021 19:00	42.8425	42.8425	42.8425
2/5/2021 20:00	42.7924	42.7924	42.7924
2/5/2021 21:00	38.7168	38.7168	38.7168
2/5/2021 22:00	33.8112	33.8112	33.8112
2/5/2021 23:00	30.302	30.302	30.302
2/6/2021 0:00	27.6311	27.6311	27.6311
2/6/2021 1:00	18.5404	18.5404	18.5404
2/6/2021 2:00	8.4287	8.4287	8.4287
2/6/2021 3:00	4.4814	4.4814	4.4814
2/6/2021 4:00	12.7638	12.7638	12.7638

2/6/2021 5:00	22.4136	22.4136	22.4136
2/6/2021 6:00	37.04	37.04	37.04
2/6/2021 7:00	40.04	40.04	40.04
2/6/2021 8:00	36.04	36.04	36.04
2/6/2021 9:00	32.5633	32.5633	32.5633
2/6/2021 10:00	35.2212	35.2212	35.2212
2/6/2021 11:00	32.8307	32.8307	32.8307
2/6/2021 12:00	26.9228	26.9228	26.9228
2/6/2021 13:00	23.5503	23.5503	23.5503
2/6/2021 14:00	22.1862	22.1862	22.1862
2/6/2021 15:00	21.7067	21.7067	21.7067
2/6/2021 16:00	21.7243	21.7243	21.7243
2/6/2021 17:00	22.6952	22.6952	22.6952
2/6/2021 18:00	28.9196	28.9196	28.9196
2/6/2021 19:00	33.1769	33.1769	33.1769
2/6/2021 20:00	27.4254	27.4254	27.4254
2/6/2021 21:00	25.0699	25.0699	25.0699
2/6/2021 22:00	23.0079	23.0079	23.0079
2/6/2021 23:00	20.2697	20.2697	20.2697
2/7/2021 0:00	20.463	20.463	20.463
2/7/2021 1:00	22.2721	22.2721	22.2721
2/7/2021 2:00	20.1325	20.1325	20.1325
2/7/2021 3:00	20.2032	20.2032	20.2032
2/7/2021 4:00	21.6373	21.6373	21.6373
2/7/2021 5:00	27.9111	27.9111	27.9111
2/7/2021 6:00	23.6618	23.6618	23.6618
2/7/2021 7:00	26.2657	26.2657	26.2657
2/7/2021 8:00	31.1005	31.1005	31.1005
2/7/2021 9:00	32.4965	32.4965	32.4965
2/7/2021 10:00	35.4396	35.4396	35.4396
2/7/2021 11:00	33.7696	33.7696	33.7696
2/7/2021 12:00	28.3541	28.3541	28.3541
2/7/2021 13:00	24.8062	24.8062	24.8062
2/7/2021 14:00	22.6049	22.6049	22.6049

2/7/2021 15:00	21.1333	21.1333	21.1333
2/7/2021 16:00	24.4854	24.4854	24.4854
2/7/2021 17:00	31.5248	31.5248	31.5248
2/7/2021 18:00	41.8947	41.8947	41.8947
2/7/2021 19:00	46.9382	46.9382	46.9382
2/7/2021 20:00	40.1089	40.1089	40.1089
2/7/2021 21:00	35.2086	35.2086	35.2086
2/7/2021 22:00	29.8004	29.8004	29.8004
2/7/2021 23:00	27.7188	27.7188	27.7188
2/8/2021 0:00	25.3016	25.3016	25.3016
2/8/2021 1:00	25.4179	25.4179	25.4179
2/8/2021 2:00	23.8657	23.8657	23.8657
2/8/2021 3:00	25.5886	25.5886	25.5886
2/8/2021 4:00	26.5146	26.5146	26.5146
2/8/2021 5:00	28.1362	28.1362	28.1362
2/8/2021 6:00	31.0852	31.0852	31.0852
2/8/2021 7:00	31.2269	31.2269	31.2269
2/8/2021 8:00	36.3977	36.3977	36.3977
2/8/2021 9:00	37.7327	37.7327	37.7327
2/8/2021 10:00	41.6115	41.6115	41.6115
2/8/2021 11:00	38.2742	38.2742	38.2742
2/8/2021 12:00	33.3506	33.3506	33.3506
2/8/2021 13:00	32.3934	32.3934	32.3934
2/8/2021 14:00	31.0269	31.0269	31.0269
2/8/2021 15:00	30.8723	30.8723	30.8723
2/8/2021 16:00	31.3765	31.3765	31.3765
2/8/2021 17:00	33.7619	33.7619	33.7619
2/8/2021 18:00	38.1501	38.1501	38.1501
2/8/2021 19:00	38.146	38.146	38.146
2/8/2021 20:00	32.7753	32.7753	32.7753
2/8/2021 21:00	26.8434	26.8434	26.8434
2/8/2021 22:00	24.0527	24.0527	24.0527
2/8/2021 23:00	22.6456	22.6456	22.6456
2/9/2021 0:00	20.5226	20.5226	20.5226

2/9/2021 1:00	31.1549	31.1549	31.1549
2/9/2021 2:00	29.2711	29.2711	29.2711
2/9/2021 3:00	31.0375	31.0375	31.0375
2/9/2021 4:00	29.0899	29.0899	29.0899
2/9/2021 5:00	29.7705	29.7705	29.7705
2/9/2021 6:00	32.9764	32.9764	32.9764
2/9/2021 7:00	38.4758	38.4758	38.4758
2/9/2021 8:00	34.5578	34.5578	34.5578
2/9/2021 9:00	40.6475	40.6475	40.6475
2/9/2021 10:00	45.1816	45.1816	45.1816
2/9/2021 11:00	50.7611	50.7611	50.7611
2/9/2021 12:00	42.0198	42.0198	42.0198
2/9/2021 13:00	34.2597	34.2597	34.2597
2/9/2021 14:00	34.6869	34.6869	34.6869
2/9/2021 15:00	30.5203	30.5203	30.5203
2/9/2021 16:00	29.0053	29.0053	29.0053
2/9/2021 17:00	28.2429	28.2429	28.2429
2/9/2021 18:00	30.3022	30.3022	30.3022
2/9/2021 19:00	31.4309	31.4309	31.4309
2/9/2021 20:00	31.3903	31.3903	31.3903
2/9/2021 21:00	35.0699	35.0699	35.0699
2/9/2021 22:00	31.5827	31.5827	31.5827
2/9/2021 23:00	32.9607	32.9607	32.9607
2/10/2021 0:00	30.6508	30.6508	30.6508
2/10/2021 1:00	43.5342	43.5342	43.5342
2/10/2021 2:00	41.7283	41.7283	41.7283
2/10/2021 3:00	41.6665	41.6665	41.6665
2/10/2021 4:00	42.0241	42.0241	42.0241
2/10/2021 5:00	44.077	44.077	44.077
2/10/2021 6:00	52.4922	52.4922	52.4922
2/10/2021 7:00	53.4153	53.4153	53.4153
2/10/2021 8:00	71.4818	71.4818	71.4818
2/10/2021 9:00	54.2885	54.2885	54.2885
2/10/2021 10:00	54.1156	54.1156	54.1156

2/10/2021 11:00	45.158	45.158	45.158
2/10/2021 12:00	42.3844	42.3844	42.3844
2/10/2021 13:00	43.8066	43.8066	43.8066
2/10/2021 14:00	40.3756	40.3756	40.3756
2/10/2021 15:00	39.5555	39.5555	39.5555
2/10/2021 16:00	36.6377	36.6377	36.6377
2/10/2021 17:00	37.9632	37.9632	37.9632
2/10/2021 18:00	38.935	38.935	38.935
2/10/2021 19:00	46.8951	46.8951	46.8951
2/10/2021 20:00	41.0166	41.0166	41.0166
2/10/2021 21:00	44.7854	44.7854	44.7854
2/10/2021 22:00	42.7255	42.7255	42.7255
2/10/2021 23:00	41.5058	41.5058	41.5058
2/11/2021 0:00	37.9082	37.9082	37.9082
2/11/2021 1:00	47.3062	47.3062	47.3062
2/11/2021 2:00	43.9954	43.9954	43.9954
2/11/2021 3:00	43.5744	43.5744	43.5744
2/11/2021 4:00	45.5304	45.5304	45.5304
2/11/2021 5:00	46.7576	46.7576	46.7576
2/11/2021 6:00	58.318	58.318	58.318
2/11/2021 7:00	58.9895	58.9895	58.9895
2/11/2021 8:00	67.4912	67.4912	67.4912
2/11/2021 9:00	59.8647	59.8647	59.8647
2/11/2021 10:00	58.6769	58.6769	58.6769
2/11/2021 11:00	54.9997	54.9997	54.9997
2/11/2021 12:00	48.5626	48.5626	48.5626
2/11/2021 13:00	58.9103	58.9103	58.9103
2/11/2021 14:00	56.6973	56.6973	56.6973
2/11/2021 15:00	52.8004	52.8004	52.8004
2/11/2021 16:00	50.8869	50.8869	50.8869
2/11/2021 17:00	51.5176	51.5176	51.5176
2/11/2021 18:00	45.3805	45.3805	45.3805
2/11/2021 19:00	57.4498	57.4498	57.4498
2/11/2021 20:00	48.9141	48.9141	48.9141

2/11/2021 21:00	44.8939			44.8939	44.8939
2/11/2021 22:00	51.3124			51.3124	51.3124
2/11/2021 23:00	46.8845			46.8845	46.8845
2/12/2021 0:00	45.4779			45.4779	45.4779
2/12/2021 1:00	55.0249			55.0249	55.0249
2/12/2021 2:00	50.1425			50.1425	50.1425
2/12/2021 3:00	50.9763			50.9763	50.9763
2/12/2021 4:00	49.2252			49.2252	49.2252
2/12/2021 5:00	56.9082			56.9082	56.9082
2/12/2021 6:00	71.2011			71.2011	71.2011
2/12/2021 7:00	89.2933			89.2933	89.2933
2/12/2021 8:00	111.3339			111.3339	111.3339
2/12/2021 9:00	92.7418			92.7418	92.7418
2/12/2021 10:00	108.5225			108.5225	108.5225
2/12/2021 11:00	103.6301			103.6301	103.6301
2/12/2021 12:00	98.7393			98.7393	98.7393
2/12/2021 13:00	89.0526			89.0526	89.0526
2/12/2021 14:00	88.1302			88.1302	88.1302
2/12/2021 15:00	77.9763			77.9763	77.9763
2/12/2021 16:00	74.6526			74.6526	74.6526
2/12/2021 17:00	77.6043			77.6043	77.6043
2/12/2021 18:00	88.4205			88.4205	88.4205
2/12/2021 19:00	102.4571			102.4571	102.4571
2/12/2021 20:00	97.6929			97.6929	97.6929
2/12/2021 21:00	96.9296			96.9296	96.9296
2/12/2021 22:00	87.3629			87.3629	87.3629
2/12/2021 23:00	80.6472			80.6472	80.6472
2/13/2021 0:00	75.1902			75.1902	75.1902
2/13/2021 1:00	98.1383	93.2542	171.0123	171.0123	171.0123
2/13/2021 2:00	96.7417	89.2853	159.4061	159.4061	159.4061
2/13/2021 3:00	92.3915	88.5466	159.6733	159.6733	159.6733
2/13/2021 4:00	93.9263	84.6435	143.5873	143.5873	143.5873
2/13/2021 5:00	98.4491	86.2186	150.4914	150.4914	150.4914
2/13/2021 6:00	108.2529	91.1484	157.4496	157.4496	157.4496

Beginning of outage



2/13/2021 7:00	148.9341	92.1603	159.1162	159.1162	159.1162
2/13/2021 8:00	171.2039	109.49	170.6761	170.6761	170.6761
2/13/2021 9:00	155.6896	113.4724	173.3812	173.3812	173.3812
2/13/2021 10:00	209.0213	190.1283	578.3527	578.3527	578.3527
2/13/2021 11:00	203.9817	272.5506	665.8802	665.8802	665.8802
2/13/2021 12:00	200.223	196.6804	318.4322	318.4322	318.4322
2/13/2021 13:00	196.8008	193.0812	322.7404	322.7404	322.7404
2/13/2021 14:00	184.841	174.7964	286.8717	286.8717	286.8717
2/13/2021 15:00	181.6005	162.6416	260.6706	260.6706	260.6706
2/13/2021 16:00	162.3624	151.0273	238.4051	238.4051	238.4051
2/13/2021 17:00	170.6455	170.8222	270.2354	270.2354	270.2354
2/13/2021 18:00	194.0202	203.4171	373.2028	373.2028	373.2028
2/13/2021 19:00	209.3397	264.0443	656.758	656.758	656.758
2/13/2021 20:00	204.2759	217.2336	602.9632	602.9632	602.9632
2/13/2021 21:00	199.96	268.7516	750.5214	750.5214	750.5214
2/13/2021 22:00	192.0161	216.5056	659.5326	659.5326	659.5326
2/13/2021 23:00	185.7211	189.4374	346.8475	346.8475	346.8475
2/14/2021 0:00	182.9119	181.7127	350.5773	350.5773	350.5773
2/14/2021 1:00	93.2542	866.8008	978.9476	978.9476	978.9476
2/14/2021 2:00	89.2853	902.6533	982.2243	982.2243	982.2243
2/14/2021 3:00	88.5466	729.8135	984.0532	984.0532	984.0532
2/14/2021 4:00	84.6435	598.258	982.4053	982.4053	982.4053
2/14/2021 5:00	86.2186	514.8813	981.8485	981.8485	981.8485
2/14/2021 6:00	91.1484	897.175	986.3886	986.3886	986.3886
2/14/2021 7:00	92.1603	975.3124	985.3867	985.3867	985.3867
2/14/2021 8:00	109.49	989.3171	991.1303	991.1303	991.1303
2/14/2021 9:00	113.4724	1007.194	1004.729	1004.7288	1000
2/14/2021 10:00	190.1283	1524.947	1015.047	1015.0474	1000
2/14/2021 11:00	272.5506	1060.505	1033.973	1033.9733	1000
2/14/2021 12:00	196.6804	1056.673	1029.899	1029.8988	1000
2/14/2021 13:00	193.0812	1536.059	1043.355	1043.3551	1000
2/14/2021 14:00	174.7964	1052.482	999.0062	999.0062	999.0062
2/14/2021 15:00	162.6416	991.7536	992.0802	992.0802	992.0802
2/14/2021 16:00	151.0273	987.2418	989.2453	989.2453	989.2453

2/14/2021 17:00	170.8222	1053.26	1002.159	1002.1586	1000	
2/14/2021 18:00	203.4171	1533.662	1044.926	1044.9258	1000	
2/14/2021 19:00	264.0443	2336.67	1080.359	1080.3594	1000	
2/14/2021 20:00	217.2336	1606.918	1017.361	1017.3606	1000	
2/14/2021 21:00	268.7516	1568.997	1013.106	1013.1055	1000	
2/14/2021 22:00	216.5056	1521.777	993.977	993.977	993.977	
2/14/2021 23:00	189.4374	1057.998	992.2291	992.2291	992.2291	
2/15/2021 0:00	181.7127	995.1003	993.8495	993.8495	993.8495	14907.74
2/15/2021 1:00	866.8008			866.8008	866.8008	13002.01
2/15/2021 2:00	902.6533			902.6533	902.6533	13539.8
2/15/2021 3:00	729.8135			729.8135	729.8135	10947.2
2/15/2021 4:00	598.258			598.258	598.258	8973.87
2/15/2021 5:00	514.8813			514.8813	514.8813	7723.22
2/15/2021 6:00	897.175			897.175	897.175	13457.63
2/15/2021 7:00	975.3124			975.3124	975.3124	14629.69
2/15/2021 8:00	989.3171			989.3171	989.3171	14839.76
2/15/2021 9:00	1007.194			1007.1943	1000	15107.91
2/15/2021 10:00	1524.947			1524.947	1000	22874.21
2/15/2021 11:00	1060.505			1060.5048	1000	15907.57
2/15/2021 12:00	1056.673			1056.6734	1000	15850.1
2/15/2021 13:00	1536.059			1536.0586	1000	23040.88
2/15/2021 14:00	1052.482			1052.482	1000	15787.23
2/15/2021 15:00	991.7536			991.7536	991.7536	14876.3
2/15/2021 16:00	987.2418			987.2418	987.2418	14808.63
2/15/2021 17:00	1053.26			1053.2598	1000	15798.9
2/15/2021 18:00	1533.662			1533.6623	1000	23004.93
2/15/2021 19:00	2336.67			2336.6702	1000	35050.05
2/15/2021 20:00	1606.918			1606.918	1000	24103.77
2/15/2021 21:00	1568.997			1568.9974	1000	23534.96
2/15/2021 22:00	1521.777			1521.7769	1000	22826.65
2/15/2021 23:00	1057.998			1057.9975	1000	15869.96
2/16/2021 0:00	995.1003			995.1003	995.1003	14926.5
2/16/2021 1:00	1950.561			1950.5614	1000	29258.42
2/16/2021 2:00	2008.91			2008.9102	1000	30133.65

2/16/2021 3:00	2021.067	2021.0665	1000	30316
2/16/2021 4:00	2026.925	2026.9246	1000	30403.87
2/16/2021 5:00	2559.132	2559.1317	1000	38386.98
2/16/2021 6:00	3165.515	3165.5148	1000	47482.72
2/16/2021 7:00	3241.284	3241.2839	1000	48619.26
2/16/2021 8:00	3252.399	3252.3993	1000	48785.99
2/16/2021 9:00	3258.943	3258.9426	1000	48884.14
2/16/2021 10:00	3221.394	3221.3942	1000	48320.91
2/16/2021 11:00	3231.245	3231.2448	1000	48468.67
2/16/2021 12:00	3266.586	3266.5859	1000	48998.79
2/16/2021 13:00	3308.532	3308.5322	1000	49627.98
2/16/2021 14:00	3272.531	3272.531	1000	49087.97
2/16/2021 15:00	3205.781	3205.7814	1000	48086.72
2/16/2021 16:00	3303.675	3303.6747	1000	49555.12
2/16/2021 17:00	3197.724	3197.7237	1000	47965.86
2/16/2021 18:00	3084.379	3084.3785	1000	46265.68
2/16/2021 19:00	3232.217	3232.2165	1000	48483.25
2/16/2021 20:00	3290.42	3290.4199	1000	49356.3
2/16/2021 21:00	3205.647	3205.6471	1000	48084.71
2/16/2021 22:00	3090.181	3090.1807	1000	46352.71
2/16/2021 23:00	3126.386	3126.3858	1000	46895.79
2/17/2021 0:00	3211.089	3211.089	1000	48166.34
2/17/2021 1:00	3228.461	3228.4612	1000	48426.92
2/17/2021 2:00	3250.292	3250.2918	1000	48754.38
2/17/2021 3:00	3268.149	3268.1493	1000	49022.24
2/17/2021 4:00	3071.023	3071.0226	1000	46065.34
2/17/2021 5:00	3109.99	3109.9897	1000	46649.85
2/17/2021 6:00	3057.308	3057.3078	1000	45859.62
2/17/2021 7:00	3123.872	3123.8718	1000	46858.08
2/17/2021 8:00	3253.378	3253.3782	1000	48800.67
2/17/2021 9:00	3124.738	3124.7381	1000	46871.07
2/17/2021 10:00	3322.968	3322.9678	1000	49844.52
2/17/2021 11:00	3067.245	3067.2453	1000	46008.68
2/17/2021 12:00	3113.982	3113.9818	1000	46709.73

2/17/2021 13:00	3097.839	3097.8392	1000	46467.59
2/17/2021 14:00	2802.363	2802.3628	1000	42035.44
2/17/2021 15:00	2160.673	2160.6728	1000	32410.09
2/17/2021 16:00	1801.696	1801.6961	1000	27025.44
2/17/2021 17:00	1928.72	1928.7197	1000	28930.8
2/17/2021 18:00	2459.373	2459.3731	1000	36890.6
2/17/2021 19:00	3082.751	3082.7508	1000	46241.26
2/17/2021 20:00	3271.981	3271.981	1000	49079.72
2/17/2021 21:00	3065.362	3065.3623	1000	45980.43
2/17/2021 22:00	2883.664	2883.6635	1000	43254.95
2/17/2021 23:00	2030.978	2030.9783	1000	30464.67
2/18/2021 0:00	1529.019	1529.0189	1000	22935.28
2/18/2021 1:00	2298.777	2298.7773	1000	34481.66
2/18/2021 2:00	2210.796	2210.7962	1000	33161.94
2/18/2021 3:00	2298.952	2298.9521	1000	34484.28
2/18/2021 4:00	2288.957	2288.9567	1000	34334.35
2/18/2021 5:00	2206.425	2206.4251	1000	33096.38
2/18/2021 6:00	2202.654	2202.6544	1000	33039.82
2/18/2021 7:00	2406.887	2406.8866	1000	36103.3
2/18/2021 8:00	2405.529	2405.5292	1000	
2/18/2021 9:00	2307.829	2307.8294	1000	
2/18/2021 10:00	2355.322	2355.3216	1000	
2/18/2021 11:00	2393.846	2393.8457	1000	
2/18/2021 12:00	2167.271	2167.271	1000	
2/18/2021 13:00	2183.003	2183.0026	1000	
2/18/2021 14:00	2190.57	2190.5704	1000	
2/18/2021 15:00	2115.904	2115.9041	1000	
2/18/2021 16:00	2098.521	2098.5214	1000	
2/18/2021 17:00	2160.22	2160.22	1000	
2/18/2021 18:00	2154.386	2154.3856	1000	
2/18/2021 19:00	2154.723	2154.723	1000	
2/18/2021 20:00	2167.033	2167.0325	1000	
2/18/2021 21:00	2154.842	2154.8423	1000	
2/18/2021 22:00	2192.48	2192.4796	1000	

2/18/2021 23:00	2145.074	2145.0735	1000
2/19/2021 0:00	2181.178	2181.1781	1000
2/19/2021 1:00	4139.399	4139.3987	1000
2/19/2021 2:00	3469.109	3469.1088	1000
2/19/2021 3:00	4627.077	4627.0774	1000
2/19/2021 4:00	4637.5	4637.4999	1000
2/19/2021 5:00	3759.608	3759.6081	1000
2/19/2021 6:00	4720.263	4720.2625	1000
2/19/2021 7:00	3468.413	3468.4125	1000
2/19/2021 8:00	3442.086	3442.0863	1000
2/19/2021 9:00	3757.465	3757.4654	1000
2/19/2021 10:00	3978.036	3978.0364	1000
2/19/2021 11:00	3977.104	3977.1035	1000
2/19/2021 12:00	3976.269	3976.2689	1000
2/19/2021 13:00	3969.214	3969.2141	1000
2/19/2021 14:00	3980.591	3980.5907	1000
2/19/2021 15:00	3985.372	3985.3716	1000
2/19/2021 16:00	3981.933	3981.9327	1000
2/19/2021 17:00	3943.225	3943.2249	1000
2/19/2021 18:00	3938.345	3938.3448	1000
2/19/2021 19:00	3933.749	3933.749	1000
2/19/2021 20:00	3919.5	3919.4996	1000
2/19/2021 21:00	3921.639	3921.6394	1000
2/19/2021 22:00	3922.865	3922.8652	1000
2/19/2021 23:00	3929.045	3929.0454	1000
2/20/2021 0:00	3939.727	3939.727	1000
2/20/2021 1:00	2027.686	2027.6855	1000
2/20/2021 2:00	2014.184	2014.184	1000
2/20/2021 3:00	2020.043	2020.0431	1000
2/20/2021 4:00	1938.919	1938.9191	1000
2/20/2021 5:00	2028.512	2028.5117	1000
2/20/2021 6:00	2102.862	2102.8623	1000
2/20/2021 7:00	3100.204	3100.2039	1000
2/20/2021 8:00	3091.439	3091.4389	1000

2/20/2021 9:00	3152.001	3152.0011	1000
2/20/2021 10:00	2065.31	2065.3104	1000
2/20/2021 11:00	1542.957	1542.9568	1000
2/20/2021 12:00	1052.199	1052.1991	1000
2/20/2021 13:00	522.8792	522.8792	522.8792
2/20/2021 14:00	228.2223	228.2223	228.2223
2/20/2021 15:00	124.7854	124.7854	124.7854
2/20/2021 16:00	85.0069	85.0069	85.0069
2/20/2021 17:00	90.6485	90.6485	90.6485
2/20/2021 18:00	91.2597	91.2597	91.2597
2/20/2021 19:00	197.1547	197.1547	197.1547
2/20/2021 20:00	120.9385	120.9385	120.9385
2/20/2021 21:00	100.2572	100.2572	100.2572
2/20/2021 22:00	91.5044	91.5044	91.5044
2/20/2021 23:00	91.9046	91.9046	91.9046
2/21/2021 0:00	90.308	90.308	90.308
2/21/2021 1:00	118.7946	118.7946	118.7946
2/21/2021 2:00	99.9119	99.9119	99.9119
2/21/2021 3:00	104.8929	104.8929	104.8929
2/21/2021 4:00	108.7092	108.7092	108.7092
2/21/2021 5:00	128.0539	128.0539	128.0539
2/21/2021 6:00	156.1968	156.1968	156.1968
2/21/2021 7:00	233.6486	233.6486	233.6486
2/21/2021 8:00	286.6899	286.6899	286.6899
2/21/2021 9:00	354.8216	354.8216	354.8216
2/21/2021 10:00	218.7244	218.7244	218.7244
2/21/2021 11:00	163.4902	163.4902	163.4902
2/21/2021 12:00	104.9664	104.9664	104.9664
2/21/2021 13:00	90.8384	90.8384	90.8384
2/21/2021 14:00	79.1033	79.1033	79.1033
2/21/2021 15:00	62.4881	62.4881	62.4881
2/21/2021 16:00	70.9007	70.9007	70.9007
2/21/2021 17:00	74.4252	74.4252	74.4252
2/21/2021 18:00	106.3385	106.3385	106.3385

2/21/2021 19:00	244.2199	244.2199	244.2199
2/21/2021 20:00	233.5812	233.5812	233.5812
2/21/2021 21:00	264.9057	264.9057	264.9057
2/21/2021 22:00	302.1275	302.1275	302.1275
2/21/2021 23:00	263.8527	263.8527	263.8527
2/22/2021 0:00	227.1615	227.1615	227.1615
2/22/2021 1:00	97.0743	97.0743	97.0743
2/22/2021 2:00	106.6692	106.6692	106.6692
2/22/2021 3:00	91.7783	91.7783	91.7783
2/22/2021 4:00	82.9616	82.9616	82.9616
2/22/2021 5:00	90.6382	90.6382	90.6382
2/22/2021 6:00	123.7105	123.7105	123.7105
2/22/2021 7:00	119.8479	119.8479	119.8479
2/22/2021 8:00	115.9762	115.9762	115.9762
2/22/2021 9:00	78.09	78.09	78.09
2/22/2021 10:00	60.8724	60.8724	60.8724
2/22/2021 11:00	59.6716	59.6716	59.6716
2/22/2021 12:00	51.1443	51.1443	51.1443
2/22/2021 13:00	57.7353	57.7353	57.7353
2/22/2021 14:00	76.9401	76.9401	76.9401
2/22/2021 15:00	58.0791	58.0791	58.0791
2/22/2021 16:00	44.92	44.92	44.92
2/22/2021 17:00	48.03	48.03	48.03
2/22/2021 18:00	55.9081	55.9081	55.9081
2/22/2021 19:00	60.3935	60.3935	60.3935
2/22/2021 20:00	69.5523	69.5523	69.5523
2/22/2021 21:00	73.3224	73.3224	73.3224
2/22/2021 22:00	65.2905	65.2905	65.2905
2/22/2021 23:00	63.544	63.544	63.544
2/23/2021 0:00	50.2954	50.2954	50.2954
2/23/2021 1:00	56.1277	56.1277	56.1277
2/23/2021 2:00	53.163	53.163	53.163
2/23/2021 3:00	111.7437	111.7437	111.7437
2/23/2021 4:00	117.7242	117.7242	117.7242

End of Outage (10.21 days)

2/23/2021 5:00	103.9109	103.9109	103.9109
2/23/2021 6:00	169.6531	169.6531	169.6531
2/23/2021 7:00	140.42	140.42	140.42
2/23/2021 8:00	101.79	101.79	101.79
2/23/2021 9:00	87.76	87.76	87.76
2/23/2021 10:00	91.0084	91.0084	91.0084
2/23/2021 11:00	100.6813	100.6813	100.6813
2/23/2021 12:00	77.0827	77.0827	77.0827
2/23/2021 13:00	64.5258	64.5258	64.5258
2/23/2021 14:00	52.5027	52.5027	52.5027
2/23/2021 15:00	49.9652	49.9652	49.9652
2/23/2021 16:00	50.0103	50.0103	50.0103
2/23/2021 17:00	54.6067	54.6067	54.6067
2/23/2021 18:00	54.6686	54.6686	54.6686
2/23/2021 19:00	62.8219	62.8219	62.8219
2/23/2021 20:00	56.8459	56.8459	56.8459
2/23/2021 21:00	89.6995	89.6995	89.6995
2/23/2021 22:00	59.3902	59.3902	59.3902
2/23/2021 23:00	40.4369	40.4369	40.4369
2/24/2021 0:00	38.209	38.209	38.209
2/24/2021 1:00	34.095	34.095	34.095
2/24/2021 2:00	33.2435	33.2435	33.2435
2/24/2021 3:00	37.1244	37.1244	37.1244
2/24/2021 4:00	37.941	37.941	37.941
2/24/2021 5:00	44.7541	44.7541	44.7541
2/24/2021 6:00	52.4914	52.4914	52.4914
2/24/2021 7:00	63.6291	63.6291	63.6291
2/24/2021 8:00	57.3276	57.3276	57.3276
2/24/2021 9:00	63.5703	63.5703	63.5703
2/24/2021 10:00	45.4526	45.4526	45.4526
2/24/2021 11:00	63.4375	63.4375	63.4375
2/24/2021 12:00	57.0492	57.0492	57.0492
2/24/2021 13:00	72.47	72.47	72.47
2/24/2021 14:00	71.14	71.14	71.14



2/24/2021 15:00	66.7297	66.7297	66.7297
2/24/2021 16:00	64.1026	64.1026	64.1026
2/24/2021 17:00	52.2685	52.2685	52.2685
2/24/2021 18:00	45.5376	45.5376	45.5376
2/24/2021 19:00	60.94	60.94	60.94
2/24/2021 20:00	77.64	77.64	77.64
2/24/2021 21:00	94.4239	94.4239	94.4239
2/24/2021 22:00	83.46	83.46	83.46
2/24/2021 23:00	65.5888	65.5888	65.5888
2/25/2021 0:00	82.6	82.6	82.6
2/25/2021 1:00	92.9627	92.9627	92.9627
2/25/2021 2:00	99.8538	99.8538	99.8538
2/25/2021 3:00	109.6196	109.6196	109.6196
2/25/2021 4:00	117.82	117.82	117.82
2/25/2021 5:00	110.5456	110.5456	110.5456
2/25/2021 6:00	87.3069	87.3069	87.3069
2/25/2021 7:00	89.7825	89.7825	89.7825
2/25/2021 8:00	72.8734	72.8734	72.8734
2/25/2021 9:00	60.8799	60.8799	60.8799
2/25/2021 10:00	50.597	50.597	50.597
2/25/2021 11:00	35.2278	35.2278	35.2278
2/25/2021 12:00	31.7963	31.7963	31.7963
2/25/2021 13:00	30.2157	30.2157	30.2157
2/25/2021 14:00	28.0784	28.0784	28.0784
2/25/2021 15:00	28.1614	28.1614	28.1614
2/25/2021 16:00	26.8808	26.8808	26.8808
2/25/2021 17:00	27.992	27.992	27.992
2/25/2021 18:00	32.5667	32.5667	32.5667
2/25/2021 19:00	39.6005	39.6005	39.6005
2/25/2021 20:00	28.9393	28.9393	28.9393
2/25/2021 21:00	25.4137	25.4137	25.4137
2/25/2021 22:00	23.6124	23.6124	23.6124
2/25/2021 23:00	21.3308	21.3308	21.3308
2/26/2021 0:00	19.248	19.248	19.248

2/26/2021 1:00	16.4527	16.4527	16.4527
2/26/2021 2:00	17.3304	17.3304	17.3304
2/26/2021 3:00	19.4007	19.4007	19.4007
2/26/2021 4:00	20.1866	20.1866	20.1866
2/26/2021 5:00	23.1888	23.1888	23.1888
2/26/2021 6:00	28.5464	28.5464	28.5464
2/26/2021 7:00	39.4131	39.4131	39.4131
2/26/2021 8:00	44.1953	44.1953	44.1953
2/26/2021 9:00	41.8199	41.8199	41.8199
2/26/2021 10:00	42.1314	42.1314	42.1314
2/26/2021 11:00	33.3408	33.3408	33.3408
2/26/2021 12:00	27.7201	27.7201	27.7201
2/26/2021 13:00	26.8727	26.8727	26.8727
2/26/2021 14:00	23.3662	23.3662	23.3662
2/26/2021 15:00	22.0605	22.0605	22.0605
2/26/2021 16:00	21.1888	21.1888	21.1888
2/26/2021 17:00	21.968	21.968	21.968
2/26/2021 18:00	25.5416	25.5416	25.5416
2/26/2021 19:00	33.5923	33.5923	33.5923
2/26/2021 20:00	32.3972	32.3972	32.3972
2/26/2021 21:00	30.4141	30.4141	30.4141
2/26/2021 22:00	28.0068	28.0068	28.0068
2/26/2021 23:00	26.5843	26.5843	26.5843
2/27/2021 0:00	23.0329	23.0329	23.0329
2/27/2021 1:00	23.7087	23.7087	23.7087
2/27/2021 2:00	23.4828	23.4828	23.4828
2/27/2021 3:00	25.0585	25.0585	25.0585
2/27/2021 4:00	24.9689	24.9689	24.9689
2/27/2021 5:00	25.5016	25.5016	25.5016
2/27/2021 6:00	25.3309	25.3309	25.3309
2/27/2021 7:00	29.997	29.997	29.997
2/27/2021 8:00	30.1196	30.1196	30.1196
2/27/2021 9:00	29.844	29.844	29.844
2/27/2021 10:00	29.0672	29.0672	29.0672

2/27/2021 11:00	25.3279	25.3279	25.3279
2/27/2021 12:00	22.9898	22.9898	22.9898
2/27/2021 13:00	21.7398	21.7398	21.7398
2/27/2021 14:00	20.4255	20.4255	20.4255
2/27/2021 15:00	19.2633	19.2633	19.2633
2/27/2021 16:00	19.1153	19.1153	19.1153
2/27/2021 17:00	21.4403	21.4403	21.4403
2/27/2021 18:00	26.7874	26.7874	26.7874
2/27/2021 19:00	32.3871	32.3871	32.3871
2/27/2021 20:00	24.5232	24.5232	24.5232
2/27/2021 21:00	22.2343	22.2343	22.2343
2/27/2021 22:00	22.2033	22.2033	22.2033
2/27/2021 23:00	21.423	21.423	21.423
2/28/2021 0:00	20.5736	20.5736	20.5736
2/28/2021 1:00	27.6024	27.6024	27.6024
2/28/2021 2:00	25.0317	25.0317	25.0317
2/28/2021 3:00	30.1048	30.1048	30.1048
2/28/2021 4:00	27.271	27.271	27.271
2/28/2021 5:00	23.8	23.8	23.8
2/28/2021 6:00	25.168	25.168	25.168
2/28/2021 7:00	29.6686	29.6686	29.6686
2/28/2021 8:00	27.59	27.59	27.59
2/28/2021 9:00	30.381	30.381	30.381
2/28/2021 10:00	24.57	24.57	24.57
2/28/2021 11:00	21.7	21.7	21.7
2/28/2021 12:00	26.8294	26.8294	26.8294
2/28/2021 13:00	39.1456	39.1456	39.1456
2/28/2021 14:00	40	40	40
2/28/2021 15:00	50.7839	50.7839	50.7839
2/28/2021 16:00	45.598	45.598	45.598
2/28/2021 17:00	41.2208	41.2208	41.2208
2/28/2021 18:00	34.2546	34.2546	34.2546
2/28/2021 19:00	43.128	43.128	43.128
2/28/2021 20:00	48.6455	48.6455	48.6455

2/28/2021 21:00	43.0266	43.0266	43.0266
2/28/2021 22:00	39.7923	39.7923	39.7923
2/28/2021 23:00	35.8454	35.8454	35.8454