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IDAHO PUBLIC
UTILITIES COMMISSION

DONOVAN E. WALKER
Lead Counsel
dwalker@idahopower.com

November 20, 2014

VIA HAND DELIVERY

Jean D. Jewell, Secretary
Idaho Public Utilities Commission
472 West Washington Street
Boise, Idaho 83702

Re: Case No. IPC-E-14-32
Murphy Flat Power, LLC – Idaho Power Company's Initial Comments

Dear Ms. Jewell:

Enclosed for filing please find an original and seven (7) copies of Idaho Power Company's Initial Comments in the above matter.

Very truly yours,

Donovan E. Walker

DEW:csb
Enclosures

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Idaho Power Company
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IDAHO PUBLIC
UTILITIES COMMISSION

Attorney for Idaho Power Company

BEFORE THE IDAHO PUBLIC UTILITIES COMMISSION

IN THE MATTER OF THE APPLICATION)	
OF IDAHO POWER COMPANY FOR)	CASE NO. IPC-E-14-32
APPROVAL OR REJECTION OF AN)	
ENERGY SALES AGREEMENT WITH)	IDAHO POWER COMPANY'S
MURPHY FLAT POWER, LLC FOR THE)	INITIAL COMMENTS
SALE AND PURCHASE OF ELECTRIC)	
ENERGY.)	
_____)	

Idaho Power Company ("Idaho Power" or "Company") hereby respectfully submits the following Initial Comments to the Idaho Public Utilities Commission ("Commission") in the above-referenced matter:

1. The Comments of the Commission Staff ("Staff") from Case No. IPC-E-14-19 (Grand View Solar) and Case No. IPC-E-14-20 (Boise City Solar) recommended that the rates contained in the Energy Sales Agreement ("ESA") between Idaho Power and each solar qualifying facility ("QF") be revised to account for energy cost computation issues identified by Staff. Staff recommended two modifications,

related to assumptions about the fuel forecast and assumptions about displaceable resources, to the computation of avoided cost rates utilized by the approved Incremental Cost Integrated Resource Plan Methodology. Idaho Power incorporated Staff's recommended adjustments into the model, and submitted replacement pricing for each ESA. Each QF agreed to replace the pricing in its respective ESA with the replacement pricing that incorporated the revisions recommended by Staff. The Commission then subsequently approved each modified ESA containing the replacement pricing. Order No. 33179 (Grand View Solar); Order No. 33180 (Boise City Solar).

2. Murphy Flat Power, LLC, has requested that Idaho Power re-run the pricing contained in its ESA to incorporate Staff's recommended adjustments from the Grand View Solar and Boise City Solar cases. Idaho Power has revised the rates in Murphy Flat Power, LLC's ESA to incorporate Staff's recommended adjustments. Idaho Power has generated a Replacement Appendix E to the ESA which contains the revised prices. The Replacement Appendix E is submitted herewith as Attachment 1 in both clean and redlined format.

3. For comparison purposes, the 20-year levelized rate for the ESA as originally submitted is \$64.57/megawatt-hour ("MWh") and the rate from the Replacement Appendix E is \$64.15/MWh. The estimated 20-year contractual obligation based upon the originally submitted prices is \$67,953,626 and the estimated 20-year contractual obligation with the revised prices is \$67,294,802. The levelized integration charge contained in the ESA is the same in both instances at \$2.46/MWh.

4. Idaho Power is not currently aware of whether Murphy Flat Power, LLC, agrees to adopt the Replacement Appendix E which incorporates Staff's recommended changes to the pricing model.

Respectfully submitted this 20th day of November 2014.



DONOVAN E. WALKER
Attorney for Idaho Power Company

CERTIFICATE OF SERVICE

I HEREBY CERTIFY that on the 20th day of November 2014 I served a true and correct copy of IDAHO POWER COMPANY'S INITIAL COMMENTS upon the following named parties by the method indicated below, and addressed to the following:

Commission Staff

Kristine A. Sasser
Deputy Attorney General
Idaho Public Utilities Commission
472 West Washington (83702)
P.O. Box 83720
Boise, Idaho 83720-0074

- Hand Delivered
- U.S. Mail
- Overnight Mail
- FAX
- Email kris.sasser@puc.idaho.gov

Murphy Flat Power, LLC

Ron Williams
Williams Bradbury, P.C
1015 West Hays Street
Boise, Idaho 83702

- Hand Delivered
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- Overnight Mail
- FAX
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Ben Fairbanks
Director, Development
First Wind

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- U.S. Mail
- Overnight Mail
- FAX
- Email bfairbanks@firstwind.com



Christa Beary, Legal Assistant

**BEFORE THE
IDAHO PUBLIC UTILITIES COMMISSION**

CASE NO. IPC-E-14-32

IDAHO POWER COMPANY

ATTACHMENT 1

CLEAN FORMAT

REPLACEMENT APPENDIX E

SOLAR FACILITY ENERGY PRICES AND INTEGRATION CHARGES

(Prices based upon the energy shape and capacity specified in Appendix H)

E-1 Base Energy Purchase Prices – For all Base Energy received during Heavy Load Hours Idaho Power shall pay the Base Energy Heavy Load Purchase Price less the Solar Integration Charge specified below and for all Base Energy received during Light Load Hours Idaho Power shall pay the Base Energy Light Load Purchase Price less the Solar Integration Charge specified below. All of these prices are subject to revision as specified within paragraph 7.4.

<u>Month/Year</u>	<u>Base Energy Heavy Load Purchase Price (Mills/kWh)</u>	<u>Base Energy Light Load Purchase Price (Mills/kWh)</u>	<u>Solar Integration Charge (Mills/kWh)</u>
Jan-16	\$33.61	\$30.99	\$1.95
Feb-16	\$33.12	\$31.39	\$1.95
Mar-16	\$27.15	\$25.12	\$1.95
Apr-16	\$22.67	\$24.19	\$1.95
May-16	\$26.55	\$19.99	\$1.95
Jun-16	\$26.41	\$16.78	\$1.95
Jul-16	\$37.90	\$33.93	\$1.95
Aug-16	\$39.93	\$35.50	\$1.95
Sep-16	\$32.64	\$29.87	\$1.95
Oct-16	\$30.14	\$29.08	\$1.95
Nov-16	\$34.81	\$34.55	\$1.95
Dec-16	\$35.44	\$34.88	\$1.95
Jan-17	\$36.02	\$34.71	\$2.01
Feb-17	\$34.70	\$33.13	\$2.01
Mar-17	\$32.51	\$22.98	\$2.01
Apr-17	\$23.09	\$8.95	\$2.01
May-17	\$28.70	\$21.90	\$2.01
Jun-17	\$27.73	\$15.19	\$2.01
Jul-17	\$40.04	\$36.16	\$2.01
Aug-17	\$42.35	\$38.05	\$2.01
Sep-17	\$36.76	\$31.74	\$2.01
Oct-17	\$35.33	\$34.08	\$2.01
Nov-17	\$37.24	\$37.11	\$2.01
Dec-17	\$38.21	\$38.03	\$2.01
Jan-18	\$36.04	\$31.26	\$2.07
Feb-18	\$38.06	\$34.74	\$2.07

Mar-18	\$29.90	\$26.68	\$2.07
Apr-18	\$26.59	\$26.45	\$2.07
May-18	\$27.99	\$26.45	\$2.07
Jun-18	\$29.13	\$23.06	\$2.07
Jul-18	\$41.77	\$42.07	\$2.07
Aug-18	\$46.61	\$40.77	\$2.07
Sep-18	\$39.56	\$37.77	\$2.07
Oct-18	\$38.06	\$37.72	\$2.07
Nov-18	\$40.93	\$40.67	\$2.07
Dec-18	\$42.16	\$42.15	\$2.07
Jan-19	\$38.52	\$34.42	\$2.13
Feb-19	\$41.44	\$35.67	\$2.13
Mar-19	\$31.12	\$24.82	\$2.13
Apr-19	\$24.49	\$24.31	\$2.13
May-19	\$25.48	\$23.05	\$2.13
Jun-19	\$29.41	\$24.26	\$2.13
Jul-19	\$43.25	\$41.06	\$2.13
Aug-19	\$47.58	\$42.49	\$2.13
Sep-19	\$41.39	\$41.43	\$2.13
Oct-19	\$39.35	\$39.35	\$2.13
Nov-19	\$43.52	\$43.20	\$2.13
Dec-19	\$44.75	\$44.76	\$2.13
Jan-20	\$43.48	\$39.46	\$2.20
Feb-20	\$33.03	\$25.69	\$2.20
Mar-20	\$23.84	\$23.84	\$2.20
Apr-20	\$23.28	\$22.99	\$2.20
May-20	\$24.44	\$21.97	\$2.20
Jun-20	\$29.25	\$24.72	\$2.20
Jul-20	\$44.55	\$42.39	\$2.20
Aug-20	\$48.98	\$42.98	\$2.20
Sep-20	\$39.16	\$33.61	\$2.20
Oct-20	\$40.53	\$40.53	\$2.20
Nov-20	\$46.04	\$45.17	\$2.20
Dec-20	\$47.48	\$47.48	\$2.20
Jan-21	\$46.18	\$43.84	\$2.26
Feb-21	\$40.14	\$35.15	\$2.26
Mar-21	\$31.52	\$25.70	\$2.26
Apr-21	\$25.67	\$25.50	\$2.26
May-21	\$27.26	\$25.51	\$2.26
Jun-21	\$32.72	\$26.68	\$2.26
Jul-21	\$72.58	\$69.74	\$2.26
Aug-21	\$77.05	\$69.53	\$2.26
Sep-21	\$67.06	\$62.11	\$2.26
Oct-21	\$67.26	\$67.26	\$2.26
Nov-21	\$74.58	\$74.15	\$2.26
Dec-21	\$76.03	\$76.03	\$2.26
Jan-22	\$73.41	\$69.53	\$2.33

Feb-22	\$74.99	\$71.37	\$2.33
Mar-22	\$61.29	\$56.40	\$2.33
Apr-22	\$55.49	\$55.22	\$2.33
May-22	\$58.92	\$55.20	\$2.33
Jun-22	\$62.04	\$55.64	\$2.33
Jul-22	\$75.18	\$73.12	\$2.33
Aug-22	\$81.55	\$73.74	\$2.33
Sep-22	\$72.24	\$68.63	\$2.33
Oct-22	\$68.79	\$68.79	\$2.33
Nov-22	\$78.84	\$78.63	\$2.33
Dec-22	\$80.41	\$80.41	\$2.33
Jan-23	\$76.18	\$69.98	\$2.40
Feb-23	\$79.14	\$71.94	\$2.40
Mar-23	\$67.62	\$63.74	\$2.40
Apr-23	\$58.51	\$56.65	\$2.40
May-23	\$62.93	\$57.21	\$2.40
Jun-23	\$63.74	\$59.42	\$2.40
Jul-23	\$78.70	\$77.36	\$2.40
Aug-23	\$83.84	\$78.98	\$2.40
Sep-23	\$75.66	\$71.33	\$2.40
Oct-23	\$70.37	\$70.37	\$2.40
Nov-23	\$83.19	\$82.38	\$2.40
Dec-23	\$84.75	\$84.42	\$2.40
Jan-24	\$85.66	\$82.24	\$2.47
Feb-24	\$82.91	\$74.23	\$2.47
Mar-24	\$67.00	\$67.00	\$2.47
Apr-24	\$58.61	\$55.44	\$2.47
May-24	\$63.11	\$59.47	\$2.47
Jun-24	\$63.11	\$58.45	\$2.47
Jul-24	\$83.37	\$81.44	\$2.47
Aug-24	\$92.32	\$79.38	\$2.47
Sep-24	\$76.28	\$74.52	\$2.47
Oct-24	\$71.78	\$71.78	\$2.47
Nov-24	\$86.83	\$85.34	\$2.47
Dec-24	\$88.33	\$88.43	\$2.47
Jan-25	\$90.30	\$89.59	\$2.55
Feb-25	\$86.72	\$81.59	\$2.55
Mar-25	\$75.42	\$68.04	\$2.55
Apr-25	\$57.07	\$55.88	\$2.55
May-25	\$65.63	\$64.26	\$2.55
Jun-25	\$67.46	\$63.36	\$2.55
Jul-25	\$88.49	\$80.78	\$2.55
Aug-25	\$95.54	\$80.99	\$2.55
Sep-25	\$78.83	\$75.07	\$2.55
Oct-25	\$73.51	\$73.51	\$2.55
Nov-25	\$90.03	\$89.47	\$2.55
Dec-25	\$93.74	\$93.84	\$2.55

Jan-26	\$93.82	\$92.78	\$2.62
Feb-26	\$93.54	\$88.25	\$2.62
Mar-26	\$68.06	\$59.32	\$2.62
Apr-26	\$58.13	\$55.76	\$2.62
May-26	\$71.06	\$70.65	\$2.62
Jun-26	\$70.25	\$66.16	\$2.62
Jul-26	\$90.92	\$84.20	\$2.62
Aug-26	\$99.11	\$85.74	\$2.62
Sep-26	\$84.03	\$79.44	\$2.62
Oct-26	\$75.56	\$75.55	\$2.62
Nov-26	\$95.13	\$92.63	\$2.62
Dec-26	\$98.51	\$96.94	\$2.62
Jan-27	\$96.09	\$93.28	\$2.70
Feb-27	\$96.35	\$87.94	\$2.70
Mar-27	\$76.69	\$72.83	\$2.70
Apr-27	\$66.35	\$63.77	\$2.70
May-27	\$71.75	\$72.43	\$2.70
Jun-27	\$72.27	\$67.96	\$2.70
Jul-27	\$93.31	\$86.02	\$2.70
Aug-27	\$103.00	\$89.39	\$2.70
Sep-27	\$87.35	\$82.36	\$2.70
Oct-27	\$77.99	\$77.93	\$2.70
Nov-27	\$98.53	\$98.15	\$2.70
Dec-27	\$102.46	\$101.00	\$2.70
Jan-28	\$100.33	\$95.58	\$2.78
Feb-28	\$100.38	\$95.13	\$2.78
Mar-28	\$72.59	\$72.78	\$2.78
Apr-28	\$67.89	\$67.18	\$2.78
May-28	\$78.05	\$77.85	\$2.78
Jun-28	\$76.23	\$73.21	\$2.78
Jul-28	\$97.98	\$90.37	\$2.78
Aug-28	\$104.71	\$92.13	\$2.78
Sep-28	\$90.46	\$87.21	\$2.78
Oct-28	\$80.75	\$80.73	\$2.78
Nov-28	\$103.93	\$104.37	\$2.78
Dec-28	\$107.80	\$104.91	\$2.78
Jan-29	\$104.79	\$96.22	\$2.87
Feb-29	\$104.18	\$98.25	\$2.87
Mar-29	\$82.20	\$69.50	\$2.87
Apr-29	\$68.61	\$68.21	\$2.87
May-29	\$80.05	\$79.78	\$2.87
Jun-29	\$77.75	\$75.64	\$2.87
Jul-29	\$103.65	\$94.41	\$2.87
Aug-29	\$112.05	\$94.38	\$2.87
Sep-29	\$95.76	\$91.09	\$2.87
Oct-29	\$83.19	\$83.19	\$2.87
Nov-29	\$106.68	\$106.21	\$2.87

Dec-29	\$111.90	\$108.87	\$2.87
Jan-30	\$108.02	\$105.51	\$2.95
Feb-30	\$107.63	\$103.50	\$2.95
Mar-30	\$79.26	\$77.12	\$2.95
Apr-30	\$63.92	\$64.37	\$2.95
May-30	\$67.56	\$64.19	\$2.95
Jun-30	\$80.07	\$79.82	\$2.95
Jul-30	\$109.90	\$99.84	\$2.95
Aug-30	\$114.18	\$97.30	\$2.95
Sep-30	\$99.31	\$94.37	\$2.95
Oct-30	\$86.21	\$86.11	\$2.95
Nov-30	\$110.59	\$108.96	\$2.95
Dec-30	\$116.51	\$112.74	\$2.95
Jan-31	\$116.76	\$111.84	\$3.04
Feb-31	\$113.49	\$104.40	\$3.04
Mar-31	\$97.97	\$86.39	\$3.04
Apr-31	\$73.77	\$68.20	\$3.04
May-31	\$90.29	\$83.57	\$3.04
Jun-31	\$87.03	\$86.82	\$3.04
Jul-31	\$120.58	\$108.79	\$3.04
Aug-31	\$119.46	\$102.74	\$3.04
Sep-31	\$109.43	\$104.20	\$3.04
Oct-31	\$101.67	\$89.98	\$3.04
Nov-31	\$119.71	\$116.74	\$3.04
Dec-31	\$130.12	\$123.93	\$3.04
Jan-32	\$120.28	\$111.65	\$3.13
Feb-32	\$118.07	\$104.60	\$3.13
Mar-32	\$99.40	\$88.57	\$3.13
Apr-32	\$84.39	\$81.15	\$3.13
May-32	\$94.98	\$92.91	\$3.13
Jun-32	\$90.70	\$90.86	\$3.13
Jul-32	\$130.24	\$114.82	\$3.13
Aug-32	\$124.85	\$107.96	\$3.13
Sep-32	\$113.22	\$108.33	\$3.13
Oct-32	\$106.94	\$97.34	\$3.13
Nov-32	\$127.68	\$125.90	\$3.13
Dec-32	\$130.83	\$125.27	\$3.13
Jan-33	\$123.29	\$114.40	\$3.23
Feb-33	\$121.01	\$107.14	\$3.23
Mar-33	\$101.79	\$90.63	\$3.23
Apr-33	\$86.32	\$82.99	\$3.23
May-33	\$97.23	\$95.10	\$3.23
Jun-33	\$92.82	\$92.99	\$3.23
Jul-33	\$133.55	\$117.67	\$3.23
Aug-33	\$128.00	\$110.60	\$3.23
Sep-33	\$116.02	\$110.99	\$3.23
Oct-33	\$109.55	\$99.67	\$3.23

Nov-33	\$130.92	\$129.08	\$3.23
Dec-33	\$134.16	\$128.43	\$3.23
Jan-34	\$126.34	\$117.19	\$3.32
Feb-34	\$124.00	\$109.71	\$3.32
Mar-34	\$104.20	\$92.70	\$3.32
Apr-34	\$88.26	\$84.84	\$3.32
May-34	\$99.50	\$97.30	\$3.32
Jun-34	\$94.96	\$95.14	\$3.32
Jul-34	\$136.91	\$120.55	\$3.32
Aug-34	\$131.19	\$113.27	\$3.32
Sep-34	\$118.85	\$113.67	\$3.32
Oct-34	\$112.19	\$102.01	\$3.32
Nov-34	\$134.20	\$132.30	\$3.32
Dec-34	\$137.54	\$131.64	\$3.32
Jan-35	\$129.48	\$120.06	\$3.42
Feb-35	\$127.07	\$112.35	\$3.42
Mar-35	\$106.67	\$94.84	\$3.42
Apr-35	\$90.26	\$86.73	\$3.42
May-35	\$101.84	\$99.58	\$3.42
Jun-35	\$97.16	\$97.34	\$3.42
Jul-35	\$140.37	\$123.52	\$3.42
Aug-35	\$134.48	\$116.02	\$3.42
Sep-35	\$121.77	\$116.43	\$3.42
Oct-35	\$114.90	\$104.42	\$3.42
Nov-35	\$137.58	\$135.62	\$3.42
Dec-35	\$141.02	\$134.94	\$3.42
Jan-36	\$132.67	\$122.96	\$3.52
Feb-36	\$130.19	\$115.02	\$3.52
Mar-36	\$109.18	\$96.99	\$3.52
Apr-36	\$92.27	\$88.64	\$3.52
May-36	\$104.19	\$101.87	\$3.52
Jun-36	\$99.38	\$99.57	\$3.52
Jul-36	\$143.88	\$126.53	\$3.52
Aug-36	\$137.82	\$118.80	\$3.52
Sep-36	\$124.72	\$119.23	\$3.52
Oct-36	\$117.65	\$106.86	\$3.52
Nov-36	\$141.01	\$138.99	\$3.52
Dec-36	\$144.55	\$138.29	\$3.52

REDLINED FORMAT

REPLACEMENT APPENDIX E

SOLAR FACILITY ENERGY PRICES AND INTEGRATION CHARGES

(Prices based upon the energy shape and capacity specified in Appendix H)

E-1 Base Energy Purchase Prices – For all Base Energy received during Heavy Load Hours Idaho Power shall pay the Base Energy Heavy Load Purchase Price less the Solar Integration Charge specified below and for all Base Energy received during Light Load Hours Idaho Power shall pay the Base Energy Light Load Purchase Price less the Solar Integration Charge specified below. All of these prices are subject to revision as specified within paragraph 7.4.

<u>Month/Year</u>	<u>Base Energy Heavy Load Purchase Price (Mills/kWh)</u>	<u>Base Energy Light Load Purchase Price (Mills/kWh)</u>	<u>Solar Integration Charge (Mills/kWh)</u>
Jan-16	\$33.61 \$29.98	\$30.99 \$28.81	\$1.95
Feb-16	\$33.12 \$29.86	\$31.39 \$28.92	\$1.95
Mar-16	\$27.15 \$27.20	\$25.12 \$25.25	\$1.95
Apr-16	\$22.67 \$24.15	\$24.19 \$24.93	\$1.95
May-16	\$26.55 \$27.30	\$19.99 \$23.96	\$1.95
Jun-16	\$26.41 \$27.15	\$16.78 \$20.64	\$1.95
Jul-16	\$37.90 \$39.08	\$33.93 \$35.59	\$1.95
Aug-16	\$39.93 \$40.43	\$35.50 \$36.20	\$1.95
Sep-16	\$32.64 \$33.96	\$29.87 \$31.55	\$1.95
Oct-16	\$30.14 \$32.24	\$29.08 \$31.64	\$1.95
Nov-16	\$34.81 \$33.69	\$34.55 \$33.20	\$1.95
Dec-16	\$35.44 \$34.41	\$34.88 \$33.31	\$1.95
Jan-17	\$36.02 \$32.58	\$34.71 \$32.12	\$2.01
Feb-17	\$34.70 \$32.19	\$33.13 \$31.51	\$2.01
Mar-17	\$32.51 \$31.23	\$22.98 \$25.93	\$2.01
Apr-17	\$23.09 \$25.11	\$8.95 \$15.54	\$2.01
May-17	\$28.70 \$30.40	\$21.90 \$26.05	\$2.01
Jun-17	\$27.73 \$29.15	\$15.19 \$19.96	\$2.01
Jul-17	\$40.04 \$41.09	\$36.16 \$37.20	\$2.01
Aug-17	\$42.35 \$42.76	\$38.05 \$38.31	\$2.01
Sep-17	\$36.76 \$37.58	\$31.74 \$33.86	\$2.01
Oct-17	\$35.33 \$36.32	\$34.08 \$35.26	\$2.01
Nov-17	\$37.24 \$36.52	\$37.11 \$36.61	\$2.01
Dec-17	\$38.21 \$36.65	\$38.03 \$35.84	\$2.01
Jan-18	\$36.04 \$34.84	\$31.26 \$33.67	\$2.07
Feb-18	\$38.06 \$35.81	\$34.74 \$34.25	\$2.07

Mar-18	\$29.90 \$29.65	\$26.68 \$27.44	\$2.07
Apr-18	\$26.59 \$26.72	\$26.45 \$26.45	\$2.07
May-18	\$27.99 \$28.02	\$26.45 \$26.45	\$2.07
Jun-18	\$29.13 \$29.26	\$23.06 \$25.62	\$2.07
Jul-18	\$41.77 \$42.07	\$42.07 \$42.70	\$2.07
Aug-18	\$46.61 \$46.63	\$40.77 \$40.94	\$2.07
Sep-18	\$39.56 \$40.28	\$37.77 \$38.54	\$2.07
Oct-18	\$38.06 \$38.07	\$37.72 \$37.82	\$2.07
Nov-18	\$40.93 \$38.12	\$40.67 \$38.07	\$2.07
Dec-18	\$42.16 \$38.07	\$42.15 \$38.07	\$2.07
Jan-19	\$38.52 \$36.91	\$34.42 \$34.37	\$2.13
Feb-19	\$41.44 \$37.43	\$35.67 \$32.97	\$2.13
Mar-19	\$31.12 \$30.43	\$24.82 \$25.57	\$2.13
Apr-19	\$24.49 \$24.50	\$24.31 \$24.31	\$2.13
May-19	\$25.48 \$26.20	\$23.05 \$23.05	\$2.13
Jun-19	\$29.41 \$29.45	\$24.26 \$24.29	\$2.13
Jul-19	\$43.25 \$43.61	\$41.06 \$41.83	\$2.13
Aug-19	\$47.58 \$47.69	\$42.49 \$42.62	\$2.13
Sep-19	\$41.39 \$41.93	\$41.43 \$41.50	\$2.13
Oct-19	\$39.35 \$39.35	\$39.35 \$39.35	\$2.13
Nov-19	\$43.52 \$39.37	\$43.20 \$39.29	\$2.13
Dec-19	\$44.75 \$39.35	\$44.76 \$39.35	\$2.13
Jan-20	\$43.48 \$39.52	\$39.46 \$37.25	\$2.20
Feb-20	\$33.03 \$34.51	\$25.69 \$31.50	\$2.20
Mar-20	\$23.84 \$23.84	\$23.84 \$23.87	\$2.20
Apr-20	\$23.28 \$23.31	\$22.99 \$23.10	\$2.20
May-20	\$24.44 \$25.10	\$21.97 \$21.97	\$2.20
Jun-20	\$29.25 \$29.40	\$24.72 \$24.79	\$2.20
Jul-20	\$44.55 \$44.92	\$42.39 \$43.01	\$2.20
Aug-20	\$48.98 \$49.05	\$42.98 \$43.16	\$2.20
Sep-20	\$39.16 \$40.36	\$33.61 \$35.90	\$2.20
Oct-20	\$40.53 \$40.53	\$40.53 \$40.53	\$2.20
Nov-20	\$46.04 \$40.53	\$45.17 \$40.53	\$2.20
Dec-20	\$47.48 \$40.53	\$47.48 \$40.53	\$2.20
Jan-21	\$46.18 \$41.86	\$43.84 \$40.88	\$2.26
Feb-21	\$40.14 \$37.26	\$35.15 \$33.97	\$2.26
Mar-21	\$31.52 \$31.12	\$25.70 \$25.70	\$2.26
Apr-21	\$25.67 \$25.73	\$25.50 \$25.50	\$2.26
May-21	\$27.26 \$27.91	\$25.51 \$25.51	\$2.26
Jun-21	\$32.72 \$33.00	\$26.68 \$26.68	\$2.26
Jul-21	\$72.58 \$72.85	\$69.74 \$70.28	\$2.26
Aug-21	\$77.05 \$77.11	\$69.53 \$69.75	\$2.26
Sep-21	\$67.06 \$68.26	\$62.11 \$63.50	\$2.26
Oct-21	\$67.26 \$67.43	\$67.26 \$67.40	\$2.26
Nov-21	\$74.58 \$67.43	\$74.15 \$67.38	\$2.26
Dec-21	\$76.03 \$67.43	\$76.03 \$67.43	\$2.26
Jan-22	\$73.41 \$69.63	\$69.53 \$68.49	\$2.33

Feb-22	<u>\$74.99</u> \$70.01	<u>\$71.37</u> \$69.00	\$2.33
Mar-22	<u>\$61.29</u> \$61.91	<u>\$56.40</u> \$56.40	\$2.33
Apr-22	<u>\$55.49</u> \$55.49	<u>\$55.22</u> \$55.26	\$2.33
May-22	<u>\$58.92</u> \$59.64	<u>\$55.20</u> \$55.20	\$2.33
Jun-22	<u>\$62.04</u> \$62.24	<u>\$55.64</u> \$55.95	\$2.33
Jul-22	<u>\$75.18</u> \$76.00	<u>\$73.12</u> \$74.13	\$2.33
Aug-22	<u>\$81.55</u> \$81.65	<u>\$73.74</u> \$74.28	\$2.33
Sep-22	<u>\$72.24</u> \$73.97	<u>\$68.63</u> \$70.91	\$2.33
Oct-22	<u>\$68.79</u> \$70.95	<u>\$68.79</u> \$70.91	\$2.33
Nov-22	<u>\$78.84</u> \$70.94	<u>\$78.63</u> \$70.90	\$2.33
Dec-22	<u>\$80.41</u> \$70.96	<u>\$80.41</u> \$70.96	\$2.33
Jan-23	<u>\$76.18</u> \$72.13	<u>\$69.98</u> \$69.78	\$2.40
Feb-23	<u>\$79.14</u> \$73.10	<u>\$71.94</u> \$70.51	\$2.40
Mar-23	<u>\$67.62</u> \$67.56	<u>\$63.74</u> \$63.76	\$2.40
Apr-23	<u>\$58.51</u> \$59.27	<u>\$56.65</u> \$56.71	\$2.40
May-23	<u>\$62.93</u> \$63.60	<u>\$57.21</u> \$58.45	\$2.40
Jun-23	<u>\$63.74</u> \$64.35	<u>\$59.42</u> \$60.11	\$2.40
Jul-23	<u>\$78.70</u> \$79.50	<u>\$77.36</u> \$78.52	\$2.40
Aug-23	<u>\$83.84</u> \$83.93	<u>\$78.98</u> \$79.57	\$2.40
Sep-23	<u>\$75.66</u> \$77.96	<u>\$71.33</u> \$73.91	\$2.40
Oct-23	<u>\$70.37</u> \$74.45	<u>\$70.37</u> \$74.36	\$2.40
Nov-23	<u>\$83.19</u> \$74.49	<u>\$82.38</u> \$74.19	\$2.40
Dec-23	<u>\$84.75</u> \$74.65	<u>\$84.42</u> \$75.39	\$2.40
Jan-24	<u>\$85.66</u> \$76.70	<u>\$82.24</u> \$75.44	\$2.47
Feb-24	<u>\$82.91</u> \$75.82	<u>\$74.23</u> \$72.44	\$2.47
Mar-24	<u>\$67.00</u> \$67.00	<u>\$67.00</u> \$67.15	\$2.47
Apr-24	<u>\$58.61</u> \$59.29	<u>\$55.44</u> \$55.45	\$2.47
May-24	<u>\$63.11</u> \$64.12	<u>\$59.47</u> \$59.47	\$2.47
Jun-24	<u>\$63.11</u> \$63.59	<u>\$58.45</u> \$58.45	\$2.47
Jul-24	<u>\$83.37</u> \$84.28	<u>\$81.44</u> \$82.68	\$2.47
Aug-24	<u>\$92.32</u> \$93.16	<u>\$79.38</u> \$79.90	\$2.47
Sep-24	<u>\$76.28</u> \$80.23	<u>\$74.52</u> \$78.92	\$2.47
Oct-24	<u>\$71.78</u> \$77.23	<u>\$71.78</u> \$77.23	\$2.47
Nov-24	<u>\$86.83</u> \$77.32	<u>\$85.34</u> \$76.70	\$2.47
Dec-24	<u>\$88.33</u> \$77.20	<u>\$88.43</u> \$77.23	\$2.47
Jan-25	<u>\$90.30</u> \$79.72	<u>\$89.59</u> \$79.45	\$2.55
Feb-25	<u>\$86.72</u> \$78.59	<u>\$81.59</u> \$76.82	\$2.55
Mar-25	<u>\$75.42</u> \$73.52	<u>\$68.04</u> \$68.41	\$2.55
Apr-25	<u>\$57.07</u> \$57.74	<u>\$55.88</u> \$55.88	\$2.55
May-25	<u>\$65.63</u> \$66.27	<u>\$64.26</u> \$64.26	\$2.55
Jun-25	<u>\$67.46</u> \$69.01	<u>\$63.36</u> \$65.59	\$2.55
Jul-25	<u>\$88.49</u> \$90.11	<u>\$80.78</u> \$81.88	\$2.55
Aug-25	<u>\$95.54</u> \$96.30	<u>\$80.99</u> \$82.20	\$2.55
Sep-25	<u>\$78.83</u> \$83.29	<u>\$75.07</u> \$81.13	\$2.55
Oct-25	<u>\$73.51</u> \$79.92	<u>\$73.51</u> \$79.92	\$2.55
Nov-25	<u>\$90.03</u> \$79.92	<u>\$89.47</u> \$79.59	\$2.55
Dec-25	<u>\$93.74</u> \$83.00	<u>\$93.84</u> \$82.64	\$2.55

Jan-26	\$93.82 \$82.92	\$92.78 \$82.58	\$2.62
Feb-26	\$93.54 \$82.87	\$88.25 \$80.72	\$2.62
Mar-26	\$68.06 \$67.03	\$59.32 \$59.71	\$2.62
Apr-26	\$58.13 \$58.71	\$55.76 \$55.76	\$2.62
May-26	\$71.06 \$71.66	\$70.65 \$70.65	\$2.62
Jun-26	\$70.25 \$72.43	\$66.16 \$69.73	\$2.62
Jul-26	\$90.92 \$93.09	\$84.20 \$86.22	\$2.62
Aug-26	\$99.11 \$100.19	\$85.74 \$86.68	\$2.62
Sep-26	\$84.03 \$88.02	\$79.44 \$84.85	\$2.62
Oct-26	\$75.56 \$83.35	\$75.55 \$83.33	\$2.62
Nov-26	\$95.13 \$83.78	\$92.63 \$82.50	\$2.62
Dec-26	\$98.51 \$86.58	\$96.94 \$86.29	\$2.62
Jan-27	\$96.09 \$85.27	\$93.28 \$84.16	\$2.70
Feb-27	\$96.35 \$85.57	\$87.94 \$81.73	\$2.70
Mar-27	\$76.69 \$76.52	\$72.83 \$74.86	\$2.70
Apr-27	\$66.35 \$66.81	\$63.77 \$64.92	\$2.70
May-27	\$71.75 \$72.75	\$72.43 \$72.56	\$2.70
Jun-27	\$72.27 \$75.04	\$67.96 \$71.34	\$2.70
Jul-27	\$93.31 \$95.02	\$86.02 \$88.48	\$2.70
Aug-27	\$103.00 \$103.93	\$89.39 \$90.12	\$2.70
Sep-27	\$87.35 \$91.05	\$82.36 \$87.78	\$2.70
Oct-27	\$77.99 \$85.99	\$77.93 \$85.63	\$2.70
Nov-27	\$98.53 \$86.85	\$98.15 \$87.42	\$2.70
Dec-27	\$102.46 \$92.80	\$101.00 \$93.72	\$2.70
Jan-28	\$100.33 \$88.61	\$95.58 \$86.52	\$2.78
Feb-28	\$100.38 \$88.75	\$95.13 \$86.25	\$2.78
Mar-28	\$72.59 \$72.59	\$72.78 \$72.78	\$2.78
Apr-28	\$67.89 \$68.11	\$67.18 \$68.41	\$2.78
May-28	\$78.05 \$78.21	\$77.85 \$77.85	\$2.78
Jun-28	\$76.23 \$79.51	\$73.21 \$78.14	\$2.78
Jul-28	\$97.98 \$100.08	\$90.37 \$92.45	\$2.78
Aug-28	\$104.71 \$105.93	\$92.13 \$92.81	\$2.78
Sep-28	\$90.46 \$94.19	\$87.21 \$92.07	\$2.78
Oct-28	\$80.75 \$89.44	\$80.73 \$89.44	\$2.78
Nov-28	\$103.93 \$91.09	\$104.37 \$91.37	\$2.78
Dec-28	\$107.80 \$99.79	\$104.91 \$94.63	\$2.78
Jan-29	\$104.79 \$91.73	\$96.22 \$88.02	\$2.87
Feb-29	\$104.18 \$91.69	\$98.25 \$88.85	\$2.87
Mar-29	\$82.20 \$80.53	\$69.50 \$69.11	\$2.87
Apr-29	\$68.61 \$68.95	\$68.21 \$69.06	\$2.87
May-29	\$80.05 \$80.36	\$79.78 \$79.78	\$2.87
Jun-29	\$77.75 \$80.48	\$75.64 \$79.80	\$2.87
Jul-29	\$103.65 \$110.07	\$94.41 \$96.08	\$2.87
Aug-29	\$112.05 \$116.13	\$94.38 \$95.28	\$2.87
Sep-29	\$95.76 \$98.95	\$91.09 \$96.37	\$2.87
Oct-29	\$83.19 \$92.56	\$83.19 \$92.56	\$2.87
Nov-29	\$106.68 \$93.12	\$106.21 \$92.56	\$2.87

Dec-29	<u>\$111.90</u> \$102.66	<u>\$108.87</u> \$95.44	\$2.87
Jan-30	<u>\$108.02</u> \$94.84	<u>\$105.51</u> \$94.05	\$2.95
Feb-30	<u>\$107.63</u> \$94.84	<u>\$103.50</u> \$92.74	\$2.95
Mar-30	<u>\$79.26</u> \$78.87	<u>\$77.12</u> \$77.12	\$2.95
Apr-30	<u>\$63.92</u> \$63.95	<u>\$64.37</u> \$64.37	\$2.95
May-30	<u>\$67.56</u> \$68.38	<u>\$64.19</u> \$64.19	\$2.95
Jun-30	<u>\$80.07</u> \$82.58	<u>\$79.82</u> \$83.94	\$2.95
Jul-30	<u>\$109.90</u> \$118.32	<u>\$99.84</u> \$103.28	\$2.95
Aug-30	<u>\$114.18</u> \$118.89	<u>\$97.30</u> \$98.54	\$2.95
Sep-30	<u>\$99.31</u> \$102.38	<u>\$94.37</u> \$99.30	\$2.95
Oct-30	<u>\$86.21</u> \$95.88	<u>\$86.11</u> \$95.52	\$2.95
Nov-30	<u>\$110.59</u> \$96.69	<u>\$108.96</u> \$95.79	\$2.95
Dec-30	<u>\$116.51</u> \$106.44	<u>\$112.74</u> \$98.91	\$2.95
Jan-31	<u>\$116.76</u> \$108.57	<u>\$111.84</u> \$103.67	\$3.04
Feb-31	<u>\$113.49</u> \$104.94	<u>\$104.40</u> \$95.11	\$3.04
Mar-31	<u>\$97.97</u> \$93.26	<u>\$86.39</u> \$88.02	\$3.04
Apr-31	<u>\$73.77</u> \$74.08	<u>\$68.20</u> \$68.20	\$3.04
May-31	<u>\$90.29</u> \$90.81	<u>\$83.57</u> \$83.89	\$3.04
Jun-31	<u>\$87.03</u> \$87.32	<u>\$86.82</u> \$87.18	\$3.04
Jul-31	<u>\$120.58</u> \$131.93	<u>\$108.79</u> \$116.07	\$3.04
Aug-31	<u>\$119.46</u> \$126.04	<u>\$102.74</u> \$103.64	\$3.04
Sep-31	<u>\$109.43</u> \$109.66	<u>\$104.20</u> \$106.12	\$3.04
Oct-31	<u>\$101.67</u> \$108.64	<u>\$89.98</u> \$99.86	\$3.04
Nov-31	<u>\$119.71</u> \$116.24	<u>\$116.74</u> \$110.53	\$3.04
Dec-31	<u>\$130.12</u> \$128.84	<u>\$123.93</u> \$122.49	\$3.04
Jan-32	<u>\$120.28</u> \$114.76	<u>\$111.65</u> \$107.83	\$3.13
Feb-32	<u>\$118.07</u> \$109.74	<u>\$104.60</u> \$96.93	\$3.13
Mar-32	<u>\$99.40</u> \$99.58	<u>\$88.57</u> \$89.32	\$3.13
Apr-32	<u>\$84.39</u> \$84.75	<u>\$81.15</u> \$81.15	\$3.13
May-32	<u>\$94.98</u> \$95.06	<u>\$92.91</u> \$92.91	\$3.13
Jun-32	<u>\$90.70</u> \$91.81	<u>\$90.86</u> \$91.15	\$3.13
Jul-32	<u>\$130.24</u> \$143.44	<u>\$114.82</u> \$123.11	\$3.13
Aug-32	<u>\$124.85</u> \$132.45	<u>\$107.96</u> \$108.47	\$3.13
Sep-32	<u>\$113.22</u> \$113.27	<u>\$108.33</u> \$110.04	\$3.13
Oct-32	<u>\$106.94</u> \$113.89	<u>\$97.34</u> \$106.52	\$3.13
Nov-32	<u>\$127.68</u> \$124.75	<u>\$125.90</u> \$121.80	\$3.13
Dec-32	<u>\$130.83</u> \$129.81	<u>\$125.27</u> \$123.33	\$3.13
Jan-33	<u>\$123.29</u> \$117.61	<u>\$114.40</u> \$110.47	\$3.23
Feb-33	<u>\$121.01</u> \$112.44	<u>\$107.14</u> \$99.24	\$3.23
Mar-33	<u>\$101.79</u> \$101.97	<u>\$90.63</u> \$91.40	\$3.23
Apr-33	<u>\$86.32</u> \$86.69	<u>\$82.99</u> \$82.99	\$3.23
May-33	<u>\$97.23</u> \$97.31	<u>\$95.10</u> \$95.10	\$3.23
Jun-33	<u>\$92.82</u> \$93.97	<u>\$92.99</u> \$93.29	\$3.23
Jul-33	<u>\$133.55</u> \$147.15	<u>\$117.67</u> \$126.20	\$3.23
Aug-33	<u>\$128.00</u> \$135.82	<u>\$110.60</u> \$111.13	\$3.23
Sep-33	<u>\$116.02</u> \$116.07	<u>\$110.99</u> \$112.74	\$3.23
Oct-33	<u>\$109.55</u> \$116.71	<u>\$99.67</u> \$109.12	\$3.23

Nov-33	<u>\$130.92</u> \$127.90	<u>\$129.08</u> \$124.86	\$3.23
Dec-33	<u>\$134.16</u> \$133.11	<u>\$128.43</u> \$126.44	\$3.23
Jan-34	<u>\$126.34</u> \$120.49	<u>\$117.19</u> \$113.14	\$3.32
Feb-34	<u>\$124.00</u> \$115.17	<u>\$109.71</u> \$101.57	\$3.32
Mar-34	<u>\$104.20</u> \$104.39	<u>\$92.70</u> \$93.50	\$3.32
Apr-34	<u>\$88.26</u> \$88.65	<u>\$84.84</u> \$84.84	\$3.32
May-34	<u>\$99.50</u> \$99.58	<u>\$97.30</u> \$97.30	\$3.32
Jun-34	<u>\$94.96</u> \$96.14	<u>\$95.14</u> \$95.44	\$3.32
Jul-34	<u>\$136.91</u> \$150.91	<u>\$120.55</u> \$129.34	\$3.32
Aug-34	<u>\$131.19</u> \$139.25	<u>\$113.27</u> \$113.82	\$3.32
Sep-34	<u>\$118.85</u> \$118.90	<u>\$113.67</u> \$115.48	\$3.32
Oct-34	<u>\$112.19</u> \$119.56	<u>\$102.01</u> \$111.75	\$3.32
Nov-34	<u>\$134.20</u> \$131.09	<u>\$132.30</u> \$127.96	\$3.32
Dec-34	<u>\$137.54</u> \$136.45	<u>\$131.64</u> \$129.58	\$3.32
Jan-35	<u>\$129.48</u> \$123.46	<u>\$120.06</u> \$115.88	\$3.42
Feb-35	<u>\$127.07</u> \$117.97	<u>\$112.35</u> \$103.97	\$3.42
Mar-35	<u>\$106.67</u> \$106.87	<u>\$94.84</u> \$95.66	\$3.42
Apr-35	<u>\$90.26</u> \$90.66	<u>\$86.73</u> \$86.73	\$3.42
May-35	<u>\$101.84</u> \$101.92	<u>\$99.58</u> \$99.58	\$3.42
Jun-35	<u>\$97.16</u> \$98.38	<u>\$97.34</u> \$97.66	\$3.42
Jul-35	<u>\$140.37</u> \$154.79	<u>\$123.52</u> \$132.58	\$3.42
Aug-35	<u>\$134.48</u> \$142.78	<u>\$116.02</u> \$116.59	\$3.42
Sep-35	<u>\$121.77</u> \$121.82	<u>\$116.43</u> \$118.29	\$3.42
Oct-35	<u>\$114.90</u> \$122.50	<u>\$104.42</u> \$114.45	\$3.42
Nov-35	<u>\$137.58</u> \$134.38	<u>\$135.62</u> \$131.15	\$3.42
Dec-35	<u>\$141.02</u> \$139.90	<u>\$134.94</u> \$132.82	\$3.42
Jan-36	<u>\$132.67</u> \$126.46	<u>\$122.96</u> \$118.66	\$3.52
Feb-36	<u>\$130.19</u> \$120.82	<u>\$115.02</u> \$106.39	\$3.52
Mar-36	<u>\$109.18</u> \$109.38	<u>\$96.99</u> \$97.83	\$3.52
Apr-36	<u>\$92.27</u> \$92.68	<u>\$88.64</u> \$88.64	\$3.52
May-36	<u>\$104.19</u> \$104.28	<u>\$101.87</u> \$101.87	\$3.52
Jun-36	<u>\$99.38</u> \$100.63	<u>\$99.57</u> \$99.89	\$3.52
Jul-36	<u>\$143.88</u> \$158.74	<u>\$126.53</u> \$135.86	\$3.52
Aug-36	<u>\$137.82</u> \$146.37	<u>\$118.80</u> \$119.39	\$3.52
Sep-36	<u>\$124.72</u> \$124.78	<u>\$119.23</u> \$121.15	\$3.52
Oct-36	<u>\$117.65</u> \$125.48	<u>\$106.86</u> \$117.19	\$3.52
Nov-36	<u>\$141.01</u> \$137.71	<u>\$138.99</u> \$134.39	\$3.52
Dec-36	<u>\$144.55</u> \$143.40	<u>\$138.29</u> \$136.11	\$3.52