

EAST KENTUCKY POWER COOPERATIVE, INC.

PSC CASE NO. 2018-00019

FUEL ADJUSTMENT CLAUSE

RESPONSE TO INFORMATION REQUEST

COMMISSION STAFF'S INFORMATION REQUEST DATED 02/16/18

REQUEST 16

RESPONSIBLE PARTY: Craig A. Johnson

Request 16. For the period under review, provide the monthly capacity factor at which each generating unit operated.

Request 16a-b. The monthly capacity factors are provided on pages 2 through 7 of this response.

Unit	Year	Month	Net Capacity Factor
Bluegrass Unit No. 1	2017	May	1.75%
Bluegrass Unit No. 1	2017	June	0.65%
Bluegrass Unit No. 1	2017	July	2.14%
Bluegrass Unit No. 1	2017	August	0.65%
Bluegrass Unit No. 1	2017	September	3.99%
Bluegrass Unit No. 1	2017	October	2.53%
Bluegrass Unit No. 2	2017	May	1.83%
Bluegrass Unit No. 2	2017	June	0.64%
Bluegrass Unit No. 2	2017	July	2.08%
Bluegrass Unit No. 2	2017	August	0.62%
Bluegrass Unit No. 2	2017	September	3.35%
Bluegrass Unit No. 2	2017	October	2.72%
Bluegrass Unit No. 3	2017	May	0.00%
Bluegrass Unit No. 3	2017	June	2.15%
Bluegrass Unit No. 3	2017	July	5.43%
Bluegrass Unit No. 3	2017	August	0.00%
Bluegrass Unit No. 3	2017	September	2.03%
Bluegrass Unit No. 3	2017	October	4.38%
Cooper Unit No. 1	2017	May	3.56%
Cooper Unit No. 1	2017	June	14.95%
Cooper Unit No. 1	2017	July	0.32%
Cooper Unit No. 1	2017	August	16.08%
Cooper Unit No. 1	2017	September	11.91%
Cooper Unit No. 1	2017	October	6.99%
Cooper Unit No. 2	2017	May	26.42%
Cooper Unit No. 2	2017	June	9.48%
Cooper Unit No. 2	2017	July	24.28%
Cooper Unit No. 2	2017	August	36.28%
Cooper Unit No. 2	2017	September	21.53%
Cooper Unit No. 2	2017	October	11.48%
JK Smith Unit No. 1	2017	May	1.54%
JK Smith Unit No. 1	2017	June	0.86%
JK Smith Unit No. 1	2017	July	1.91%
JK Smith Unit No. 1	2017	August	0.17%
JK Smith Unit No. 1	2017	September	2.22%
JK Smith Unit No. 1	2017	October	0.68%
JK Smith Unit No. 2	2017	May	1.83%
JK Smith Unit No. 2	2017	June	1.03%
JK Smith Unit No. 2	2017	July	2.19%
JK Smith Unit No. 2	2017	August	0.23%
JK Smith Unit No. 2	2017	September	2.69%
JK Smith Unit No. 2	2017	October	1.30%

Unit	Year	Month	Net Capacity Factor
JK Smith Unit No. 3	2017	May	1.52%
JK Smith Unit No. 3	2017	June	0.88%
JK Smith Unit No. 3	2017	July	2.04%
JK Smith Unit No. 3	2017	August	0.17%
JK Smith Unit No. 3	2017	September	3.37%
JK Smith Unit No. 3	2017	October	0.81%
JK Smith Unit No. 4	2017	May	3.80%
JK Smith Unit No. 4	2017	June	1.33%
JK Smith Unit No. 4	2017	July	5.76%
JK Smith Unit No. 4	2017	August	2.10%
JK Smith Unit No. 4	2017	September	8.19%
JK Smith Unit No. 4	2017	October	2.98%
JK Smith Unit No. 5	2017	May	3.87%
JK Smith Unit No. 5	2017	June	1.08%
JK Smith Unit No. 5	2017	July	5.83%
JK Smith Unit No. 5	2017	August	2.16%
JK Smith Unit No. 5	2017	September	8.46%
JK Smith Unit No. 5	2017	October	3.98%
JK Smith Unit No. 6	2017	May	3.62%
JK Smith Unit No. 6	2017	June	1.93%
JK Smith Unit No. 6	2017	July	5.61%
JK Smith Unit No. 6	2017	August	2.20%
JK Smith Unit No. 6	2017	September	8.78%
JK Smith Unit No. 6	2017	October	1.41%
JK Smith Unit No. 7	2017	May	3.25%
JK Smith Unit No. 7	2017	June	1.90%
JK Smith Unit No. 7	2017	July	5.30%
JK Smith Unit No. 7	2017	August	2.20%
JK Smith Unit No. 7	2017	September	6.80%
JK Smith Unit No. 7	2017	October	3.66%
JK Smith Unit No. 9	2017	May	4.65%
JK Smith Unit No. 9	2017	June	2.82%
JK Smith Unit No. 9	2017	July	6.09%
JK Smith Unit No. 9	2017	August	3.70%
JK Smith Unit No. 9	2017	September	12.18%
JK Smith Unit No. 9	2017	October	0.95%
JK Smith Unit No. 10	2017	May	4.06%
JK Smith Unit No. 10	2017	June	2.83%
JK Smith Unit No. 10	2017	July	5.96%
JK Smith Unit No. 10	2017	August	3.84%
JK Smith Unit No. 10	2017	September	12.43%
JK Smith Unit No. 10	2017	October	2.35%
Spurlock Unit No. 1	2017	May	50.07%

Unit	Year	Month	Net Capacity Factor
Spurlock Unit No. 1	2017	June	17.36%
Spurlock Unit No. 1	2017	July	43.74%
Spurlock Unit No. 1	2017	August	34.10%
Spurlock Unit No. 1	2017	September	55.82%
Spurlock Unit No. 1	2017	October	69.72%
Spurlock Unit No. 2	2017	May	53.12%
Spurlock Unit No. 2	2017	June	79.24%
Spurlock Unit No. 2	2017	July	81.07%
Spurlock Unit No. 2	2017	August	87.10%
Spurlock Unit No. 2	2017	September	17.71%
Spurlock Unit No. 2	2017	October	0.00%
Spurlock Unit No. 3	2017	May	15.83%
Spurlock Unit No. 3	2017	June	74.06%
Spurlock Unit No. 3	2017	July	62.05%
Spurlock Unit No. 3	2017	August	84.05%
Spurlock Unit No. 3	2017	September	82.46%
Spurlock Unit No. 3	2017	October	92.57%
Spurlock Unit No. 4	2017	May	92.36%
Spurlock Unit No. 4	2017	June	88.99%
Spurlock Unit No. 4	2017	July	90.78%
Spurlock Unit No. 4	2017	August	58.29%
Spurlock Unit No. 4	2017	September	44.44%
Spurlock Unit No. 4	2017	October	49.22%
Bavarian Landfill Unit No. 1	2017	May	95.11%
Bavarian Landfill Unit No. 1	2017	June	85.18%
Bavarian Landfill Unit No. 1	2017	July	97.95%
Bavarian Landfill Unit No. 1	2017	August	94.98%
Bavarian Landfill Unit No. 1	2017	September	94.59%
Bavarian Landfill Unit No. 1	2017	October	94.88%
Bavarian Landfill Unit No. 2	2017	May	89.18%
Bavarian Landfill Unit No. 2	2017	June	89.81%
Bavarian Landfill Unit No. 2	2017	July	91.25%
Bavarian Landfill Unit No. 2	2017	August	100.30%
Bavarian Landfill Unit No. 2	2017	September	98.37%
Bavarian Landfill Unit No. 2	2017	October	100.33%
Bavarian Landfill Unit No. 3	2017	May	95.71%
Bavarian Landfill Unit No. 3	2017	June	88.71%
Bavarian Landfill Unit No. 3	2017	July	87.38%
Bavarian Landfill Unit No. 3	2017	August	78.56%
Bavarian Landfill Unit No. 3	2017	September	84.04%
Bavarian Landfill Unit No. 3	2017	October	79.53%

Unit	Year	Month	Net Capacity Factor
Bavarian Landfill Unit No. 4	2017	May	91.06%
Bavarian Landfill Unit No. 4	2017	June	81.23%
Bavarian Landfill Unit No. 4	2017	July	78.46%
Bavarian Landfill Unit No. 4	2017	August	80.80%
Bavarian Landfill Unit No. 4	2017	September	88.89%
Bavarian Landfill Unit No. 4	2017	October	93.60%
Bavarian Landfill Unit No. 5	2017	May	98.98%
Bavarian Landfill Unit No. 5	2017	June	97.28%
Bavarian Landfill Unit No. 5	2017	July	81.43%
Bavarian Landfill Unit No. 5	2017	August	98.03%
Bavarian Landfill Unit No. 5	2017	September	96.77%
Bavarian Landfill Unit No. 5	2017	October	85.20%
Glasgow Unit No. 1	2017	May	103.96%
Glasgow Unit No. 1	2017	June	103.54%
Glasgow Unit No. 1	2017	July	95.20%
Glasgow Unit No. 1	2017	August	92.57%
Glasgow Unit No. 1	2017	September	96.80%
Glasgow Unit No. 1	2017	October	92.08%
Green Valley Landfill Unit No. 1	2017	May	67.53%
Green Valley Landfill Unit No. 1	2017	June	56.04%
Green Valley Landfill Unit No. 1	2017	July	81.23%
Green Valley Landfill Unit No. 1	2017	August	34.35%
Green Valley Landfill Unit No. 1	2017	September	100.14%
Green Valley Landfill Unit No. 1	2017	October	98.36%
Green Valley Landfill Unit No. 2	2017	May	66.78%
Green Valley Landfill Unit No. 2	2017	June	80.38%
Green Valley Landfill Unit No. 2	2017	July	93.71%
Green Valley Landfill Unit No. 2	2017	August	89.14%
Green Valley Landfill Unit No. 2	2017	September	77.80%
Green Valley Landfill Unit No. 2	2017	October	94.25%
Green Valley Landfill Unit No. 3	2017	May	14.37%
Green Valley Landfill Unit No. 3	2017	June	78.97%
Green Valley Landfill Unit No. 3	2017	July	93.65%
Green Valley Landfill Unit No. 3	2017	August	91.55%
Green Valley Landfill Unit No. 3	2017	September	95.08%
Green Valley Landfill Unit No. 3	2017	October	96.98%
Hardin County Landfill Unit No. 1	2017	May	0.00%
Hardin County Landfill Unit No. 1	2017	June	0.00%
Hardin County Landfill Unit No. 1	2017	July	0.00%
Hardin County Landfill Unit No. 1	2017	August	0.00%
Hardin County Landfill Unit No. 1	2017	September	0.00%
Hardin County Landfill Unit No. 1	2017	October	0.00%

Unit	Year	Month	Net Capacity Factor
Hardin County Landfill Unit No. 2	2017	May	33.88%
Hardin County Landfill Unit No. 2	2017	June	38.17%
Hardin County Landfill Unit No. 2	2017	July	31.15%
Hardin County Landfill Unit No. 2	2017	August	11.43%
Hardin County Landfill Unit No. 2	2017	September	60.68%
Hardin County Landfill Unit No. 2	2017	October	56.35%
Hardin County Landfill Unit No. 3	2017	May	60.56%
Hardin County Landfill Unit No. 3	2017	June	56.16%
Hardin County Landfill Unit No. 3	2017	July	60.58%
Hardin County Landfill Unit No. 3	2017	August	81.71%
Hardin County Landfill Unit No. 3	2017	September	26.86%
Hardin County Landfill Unit No. 3	2017	October	35.19%
Laurel Ridge Landfill Unit No. 1	2017	May	98.89%
Laurel Ridge Landfill Unit No. 1	2017	June	97.70%
Laurel Ridge Landfill Unit No. 1	2017	July	97.48%
Laurel Ridge Landfill Unit No. 1	2017	August	91.82%
Laurel Ridge Landfill Unit No. 1	2017	September	93.66%
Laurel Ridge Landfill Unit No. 1	2017	October	90.88%
Laurel Ridge Landfill Unit No. 2	2017	May	84.15%
Laurel Ridge Landfill Unit No. 2	2017	June	78.66%
Laurel Ridge Landfill Unit No. 2	2017	July	65.48%
Laurel Ridge Landfill Unit No. 2	2017	August	73.36%
Laurel Ridge Landfill Unit No. 2	2017	September	96.62%
Laurel Ridge Landfill Unit No. 2	2017	October	96.64%
Laurel Ridge Landfill Unit No. 3	2017	May	83.44%
Laurel Ridge Landfill Unit No. 3	2017	June	65.01%
Laurel Ridge Landfill Unit No. 3	2017	July	82.13%
Laurel Ridge Landfill Unit No. 3	2017	August	78.73%
Laurel Ridge Landfill Unit No. 3	2017	September	96.31%
Laurel Ridge Landfill Unit No. 3	2017	October	95.95%
Laurel Ridge Landfill Unit No. 4	2017	May	24.80%
Laurel Ridge Landfill Unit No. 4	2017	June	11.21%
Laurel Ridge Landfill Unit No. 4	2017	July	69.36%
Laurel Ridge Landfill Unit No. 4	2017	August	67.82%
Laurel Ridge Landfill Unit No. 4	2017	September	77.72%
Laurel Ridge Landfill Unit No. 4	2017	October	78.08%
Pendleton Landfill Unit No. 1	2017	May	87.67%
Pendleton Landfill Unit No. 1	2017	June	38.71%
Pendleton Landfill Unit No. 1	2017	July	45.92%
Pendleton Landfill Unit No. 1	2017	August	12.69%
Pendleton Landfill Unit No. 1	2017	September	71.38%
Pendleton Landfill Unit No. 1	2017	October	93.57%

Unit	Year	Month	Net Capacity Factor
Pendleton Landfill Unit No. 2	2017	May	78.54%
Pendleton Landfill Unit No. 2	2017	June	89.33%
Pendleton Landfill Unit No. 2	2017	July	77.92%
Pendleton Landfill Unit No. 2	2017	August	66.01%
Pendleton Landfill Unit No. 2	2017	September	49.46%
Pendleton Landfill Unit No. 2	2017	October	64.56%
Pendleton Landfill Unit No. 3	2017	May	25.31%
Pendleton Landfill Unit No. 3	2017	June	95.49%
Pendleton Landfill Unit No. 3	2017	July	38.67%
Pendleton Landfill Unit No. 3	2017	August	94.78%
Pendleton Landfill Unit No. 3	2017	September	64.59%
Pendleton Landfill Unit No. 3	2017	October	54.22%
Pendleton Landfill Unit No. 4	2017	May	99.89%
Pendleton Landfill Unit No. 4	2017	June	49.23%
Pendleton Landfill Unit No. 4	2017	July	97.72%
Pendleton Landfill Unit No. 4	2017	August	94.69%
Pendleton Landfill Unit No. 4	2017	September	95.99%
Pendleton Landfill Unit No. 4	2017	October	71.26%