

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 15

RESPONSIBLE PARTY: Craig A. Johnson

Request 15. Provide a list, in chronological order, showing by unit, any scheduled, actual, and forced outages for the period under review.

Response 15a-c. Please see pages 2 through 50 of this response.

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Cooper Power Station

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Scheduled | Maintenance | 161 | 30 | SPRING OUTAGE. |
| 07/11/2017 | 0230 | 0.0 | Forced | Maintenance | 12 | 53 | AIR HEATER BEARING. |
| 09/19/2017 | 1116 | 0.0 | Forced | Maintenance | 0 | 28 | HIGH DRUM LEVEL INDICATION. |
| 09/22/2017 | 0751 | 0.0 | Forced | Maintenance | 0 | 26 | HIGH DRUM LEVEL INDICATION. |
| 09/27/2017 | 1638 | 0.0 | Forced | Maintenance | 0 | 38 | LOW EXCESS AIR CAUSED THE WET FUEL CONDITIONS. |
| 10/06/2017 | 1054 | 0.0 | Forced | Maintenance | 0 | 13 | MARK6 AUTO SYNC FAILED TO PICK UP LOAD - THE GENERATOR TRIPPED ON REVERSE POWER. |

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Cooper Power Station

Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Scheduled | Maintenance | 59 | 14 | SPRING OUTAGE. |
| 05/04/2017 | 1242 | 0.0 | Scheduled | Maintenance | 76 | 48 | REMOVE MESH SCREENS BASKETS AFTER THE TURBINE VALVE OUTAGE. |
| 07/31/2017 | 1213 | 0.0 | Forced | Maintenance | 1 | 38 | TURBINE TRANSFER ISSUE. |

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Spurlock Power Station

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/20/2017 | 0047 | 0.0 | Scheduled | Maintenance | 159 | 33 | BOILER INSPECTIONS - AIR HEATER WASH AND BOILER WORK. |
| 06/28/2017 | 0000 | 0.0 | Scheduled | Maintenance | 16 | 0 | RECIRCULATION TANKS INCLUDING AGITATORS - REPAIR AGITATOR SEAL. |
| 07/29/2017 | 0000 | 0.0 | Scheduled | Maintenance | 31 | 35 | AIR SUPPLY DUCT EXPANSION JOINTS. |
| 08/21/2017 | 2250 | 0.0 | Forced | Maintenance | 6 | 51 | CIRCULATING WATER PUMP MOTORS. |
| 09/25/2017 | 0156 | 0.0 | Scheduled | Maintenance | 67 | 24 | AIR HEATER FOULING REGENERATIVE - AIR HEATER PLUGGAGE. |
| 10/21/2017 | 0123 | 0.0 | Scheduled | Maintenance | 101 | 8 | PLATEN SUPERHEATER - TUBE LEAK ON SUPERHEATER. |

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Spurlock Power Station

Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Scheduled | Maintenance | 179 | 30 | WATERWALL (FURNACE WALL) A - WATER WALL REPAIR. |
| 05/10/2017 | 1357 | 0.0 | Forced | Maintenance | 41 | 8 | AIR HEATER (REGENERATIVE) - 2A AIR HEATER MAIN DRIVE. |
| 07/11/2017 | 0703 | 0.0 | Forced | Maintenance | 5 | 7 | SCR NOX PLUGGING. ID FAN STALL. |
| 07/11/2017 | 1231 | 0.0 | Forced | Maintenance | 1 | 4 | IGNITERS. |
| 07/20/2017 | 2218 | 0.0 | Forced | Maintenance | 8 | 50 | HYDRAULIC SYSTEM PIPES AND VALVES - TURBINE TRIP FRONT STANDARD. |
| 07/21/2017 | 1630 | 0.0 | Forced | Maintenance | 1 | 41 | SCR NOX PLUGGING. ID FAN STALL. |
| 07/21/2017 | 1816 | 0.0 | Forced | Maintenance | 0 | 51 | IGNITERS. OIL GUN FAILURE. |
| 07/22/2017 | 2344 | 0.0 | Forced | Maintenance | 29 | 46 | MAIN STEAM RELIEF/SAFETY VALVES OFF SUPERHEATER. |
| 08/19/2017 | 0157 | 0.0 | Forced | Maintenance | 3 | 57 | IGNITERS, BOILER TRIP. |
| 09/09/2017 | 0000 | 0.0 | Scheduled | Maintenance | 528 | 0 | MAJOR TURBINE OVERHAUL (720 HRS OR LONGER). TURBINE OVERHAUL. |
| 10/01/2017 | 0000 | 0.0 | Scheduled | Maintenance | 744 | 0 | MAJOR TURBINE OVERHAUL (720 HRS OR LONGER). TURBINE OVERHAUL. |

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Spurlock Power Station

Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|--------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Scheduled | Maintenance | 524 | 51 | BOILER INSPECTIONS - SCHEDULED OR ROUTINE. |
| 06/21/2017 | 0804 | 0.0 | Forced | Maintenance | 10 | 58 | OTHER VOLTAGE SYSTEM CONDUCTORS AND BUSES. LOSSOF 13.8KV BUSS. |
| 06/22/2017 | 1755 | 0.0 | Forced | Maintenance | 22 | 5 | DESUPERHEATER/ATTEMPERATOR VALVES. SH ATTEMPERATOR FAILURE. |
| 06/24/2017 | 0636 | 0.0 | Forced | Maintenance | 0 | 21 | INTERCEPT VALVES. INTERCEPT VALVE FAILED TO OPEN. |
| 07/12/2017 | 0944 | 0.0 | Forced | Maintenance | 12 | 8 | STEAM TURBINE CONTROL SYSTEM. TURBINE TRIP ON ROTOR EXPANSION PROBE. |
| 07/12/2017 | 2152 | 0.0 | Forced | Failed Start | 183 | 39 | COLD REHEAT STEAM PIPING UP TO BOILER. WATER HAMMER. |
| 07/20/2017 | 1349 | 0.0 | Forced | Maintenance | 0 | 30 | STEAM TURBINE CONTROL SYSTEM. TURBINE TRIP ON ROTOR EXPANSION PROBE. |
| 08/12/2017 | 0717 | 0.0 | Forced | Maintenance | 1 | 4 | COMBINED INTERCEPT VALVES. BOTH INTERCEPTS CLOSED DURING VALVE TESTS. |
| 09/29/2017 | 0102 | 0.0 | Scheduled | Maintenance | 19 | 54 | CONTROL VALVES. #3 TURBINE CONTROL VALVE EHC LEAK. |

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Unit 004

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|--------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 08/18/2017 | 0150 | 0.0 | Scheduled | Maintenance | 57 | 32 | BAG FAILURES AND REBAGGING, BAHOUSE INSPECTION. |
| 08/28/2017 | 0600 | 0.0 | Scheduled | Maintenance | 35 | 30 | BAGHOUSE SYSTEMS. BAGHOUSE HOPPER INSPECTION. |
| 09/15/2017 | 0334 | 0.0 | Forced | Failed Start | 28 | 54 | SECONDARY AIR FAN/BLOWER MOTORS. GROUND FAULT ON SA FAN. |
| 10/17/2017 | 2106 | 0.0 | Forced | Maintenance | 84 | 19 | PLATEN SUPERHEATER, SUPERHEATER SECTION TUBE LEAK. |
| 10/22/2017 | 1847 | 0.0 | Forced | Maintenance | 221 | 13 | PLATEN SUPERHEATER, SUPERHEATER SECTION TUBE LEAK. |

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J.K. Smith

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|-------------------------------------|
| | | | | | Hours | Minutes | |
| 09/17/2017 | 0001 | 0.0 | Scheduled | Maintenance | 110 | 31 | PLANNED OUTAGE, TURBINE INSPECTION. |

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Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 09/24/2017 | 0001 | 0.0 | Scheduled | Maintenance | 135 | 51 | PLANNED OUTAGE. |
| 10/09/2017 | 1535 | 0.0 | Forced | Maintenance | 0 | 31 | FORCED OUTAGE. BLOW OFF VALVE FAILURE. |

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Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 07/03/2017 | 0700 | 0.0 | Scheduled | Maintenance | 4 | 30 | MAINTENANCE OUTAGE, BREAKER MAINTENANCE. |
| 09/20/2017 | 1413 | 0.0 | Forced | Maintenance | 3 | 4 | FORCED OUTAGE. HIGH SPEED CONTROLLER. |
| 10/01/2017 | 0001 | 0.0 | Scheduled | Maintenance | 91 | 3 | PLANNED OUTAGE. FALL MAINTENANCE. |

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Unit 004

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|-----------------------------------|
| | | | | | Hours | Minutes | |
| 10/29/2017 | 0001 | 0.0 | Scheduled | Maintenance | 71 | 59 | PLANNED OUTAGE, FALL MAINTENANCE. |

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Unit 005

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Scheduled | Maintenance | 91 | 0 | SPRING MAINTENANCE OUTAGE CONTINUES. |
| 05/10/2017 | 1819 | 0.0 | Forced | Maintenance | 16 | 28 | EXCITATION FAILURE. |
| 06/02/2017 | 1654 | 0.0 | Forced | Maintenance | 0 | 54 | OIL COOLER OUTLET VALVE ISSUE. |
| 09/20/2017 | 1327 | 0.0 | Forced | Maintenance | 0 | 23 | LOW GAS PRESSURE DUE TO LOST REGULATOR TN GAS. FAILED TO SWITCH TO FUEL OIL. |

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Unit 006

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 10/08/2017 | 1523 | 0.0 | Forced | Maintenance | 503 | 37 | FORCED OUTAGE, GSU TRANSFORMER LOCKOUT. |

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Unit 007

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|-------------------------------------|
| | | | | | Hours | Minutes | |
| 09/20/2017 | 0909 | 0.0 | Forced | Maintenance | 12 | 26 | FORCED OUTAGE. TRANSFORMER LOCKOUT. |
| 10/30/2017 | 0800 | 0.0 | Scheduled | Maintenance | 10 | 30 | PLANNED OUTAGE. FALL MAINTENANCE. |

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Unit 009

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 09/27/2017 | 1347 | 0.0 | Forced | Maintenance | 1 | 26 | NETWORK SWITCH ISSUE. |
| 10/01/2017 | 0001 | 0.0 | Scheduled | Maintenance | 320 | 1 | PLANNED OUTAGE. FALL MAINTENANCE. |
| 10/30/2017 | 0821 | 0.0 | Forced | Maintenance | 1 | 19 | GAS COMPRESSOR. PLC POWER SUPPLY FAILURE. |

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Unit 010

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 08/11/2017 | 1444 | 0.0 | Forced | Maintenance | 3 | 1 | I/O PACK MODULE FAILURE. |
| 10/13/2017 | 0001 | 0.0 | Scheduled | Maintenance | 304 | 39 | PLANNED OUTAGE. FALL MAINTENANCE. |
| 10/25/2017 | 1755 | 0.0 | Scheduled | Maintenance | 45 | 15 | PLANNED OUTAGE. FALL MAINTENANCE. |
| 10/30/2017 | 0821 | 0.0 | Forced | Maintenance | 1 | 19 | GAS COMPRESSOR. PLC POWER SUPPLY FAILURE. |

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Bluegrass Station

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|----------------------|
| | | | | | Hours | Minutes | |
| 10/01/2017 | 0001 | 0.0 | Scheduled | Maintenance | 468 | 54 | FALL PLANNED OUTAGE. |
| 10/20/2017 | 2313 | 0.0 | Scheduled | Maintenance | 0 | 48 | FALL PLANNED OUTAGE. |

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Bluegrass Station

Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|--------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 09/17/2017 | 1239 | 0.0 | Forced | Failed Start | 3 | 51 | HIGH TURBINE VIBRATION DUE TO INADEQUATE TIME ON TURNING GEAR. |
| 10/01/2017 | 0001 | 0.0 | Scheduled | Maintenance | 374 | 59 | FALL PLANNED OUTAGE. |
| 10/16/2017 | 1605 | 0.0 | Scheduled | Maintenance | 16 | 18 | FALL PLANNED OUTAGE. |
| 10/17/2017 | 1849 | 0.0 | Scheduled | Maintenance | 77 | 12 | FALL PLANNED OUTAGE. |

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Bluegrass Station

Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|----------------------|
| | | | | | Hours | Minutes | |
| 10/01/2017 | 0001 | 0.0 | Scheduled | Maintenance | 300 | 2 | FALL PLANNED OUTAGE. |

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Green Valley Landfill

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 87 | 10 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/05/2017 | 2302 | 0.0 | Forced | Fuel Outage | 13 | 52 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/08/2017 | 0802 | 0.0 | Forced | Fuel Outage | 6 | 55 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/10/2017 | 0644 | 0.0 | Forced | Fuel Outage | 7 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/16/2017 | 1053 | 0.0 | Forced | Fuel Outage | 3 | 28 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/16/2017 | 1502 | 0.0 | Forced | Maintenance | 0 | 16 | ENGINE MAINTENANCE. |
| 05/19/2017 | 1030 | 0.0 | Forced | Maintenance | 0 | 16 | FUEL SKID MAINTENANCE. |
| 05/22/2017 | 1016 | 0.0 | Forced | Fuel Outage | 74 | 24 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/26/2017 | 0831 | 0.0 | Forced | Fuel Outage | 4 | 15 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/31/2017 | 1617 | 0.0 | Forced | Fuel Outage | 7 | 43 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 8 | 50 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 2048 | 0.0 | Forced | Fuel Outage | 24 | 57 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/04/2017 | 1243 | 0.0 | Forced | Fuel Outage | 19 | 41 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/08/2017 | 1523 | 0.0 | Forced | Fuel Outage | 16 | 58 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/12/2017 | 0900 | 0.0 | Forced | Fuel Outage | 192 | 6 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/07/2017 | 0843 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/23/2017 | 0846 | 0.0 | Forced | Maintenance | 4 | 39 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 08/01/2017 | 0301 | 0.0 | Forced | Maintenance | 5 | 28 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/01/2017 | 1229 | 0.0 | Forced | Fuel Outage | 481 | 11 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/21/2017 | 1356 | 0.0 | Scheduled | Maintenance | 0 | 1 | ELECTRICAL MAINTENANCE. |
| 08/21/2017 | 1409 | 0.0 | Scheduled | Maintenance | 0 | 12 | ELECTRICAL MAINTENANCE. |
| 09/06/2017 | 1029 | 0.0 | Forced | Maintenance | 0 | 22 | UTILITY BREAKER 52U OPERATION. |
| 10/10/2017 | 0900 | 0.0 | Scheduled | Maintenance | 2 | 14 | ENGINE MAINTENANCE. |
| 10/10/2017 | 1205 | 0.0 | Scheduled | Maintenance | 0 | 10 | ENGINE MAINTENANCE. |
| 10/27/2017 | 1106 | 0.0 | Forced | Fuel Outage | 2 | 18 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 87 | 11 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/05/2017 | 2302 | 0.0 | Forced | Fuel Outage | 13 | 53 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/08/2017 | 0802 | 0.0 | Forced | Fuel Outage | 6 | 55 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/10/2017 | 0643 | 0.0 | Forced | Fuel Outage | 7 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/16/2017 | 1053 | 0.0 | Forced | Maintenance | 3 | 29 | FUEL SKID MAINTENANCE. |
| 05/17/2017 | 0724 | 0.0 | Forced | Maintenance | 0 | 8 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 05/19/2017 | 1031 | 0.0 | Forced | Fuel Outage | 0 | 16 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/22/2017 | 1016 | 0.0 | Forced | Fuel Outage | 73 | 30 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/26/2017 | 0831 | 0.0 | Forced | Fuel Outage | 4 | 17 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/31/2017 | 1617 | 0.0 | Forced | Fuel Outage | 7 | 43 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 8 | 50 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 2048 | 0.0 | Forced | Fuel Outage | 24 | 55 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/04/2017 | 1243 | 0.0 | Forced | Fuel Outage | 19 | 41 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/08/2017 | 1523 | 0.0 | Forced | Fuel Outage | 16 | 59 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/14/2017 | 0855 | 0.0 | Forced | Fuel Outage | 5 | 13 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/20/2017 | 0906 | 0.0 | Forced | Fuel Outage | 3 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/22/2017 | 1821 | 0.0 | Forced | Fuel Outage | 17 | 49 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/23/2017 | 0415 | 0.0 | Forced | Maintenance | 8 | 57 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 08/02/2017 | 1625 | 0.0 | Forced | Fuel Outage | 17 | 21 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/09/2017 | 0616 | 0.0 | Scheduled | Maintenance | 10 | 36 | ENGINE MAINTENANCE. |
| 08/16/2017 | 0747 | 0.0 | Scheduled | Maintenance | 8 | 29 | ENGINE MAINTENANCE. |
| 09/06/2017 | 1029 | 0.0 | Forced | Maintenance | 3 | 31 | UTILITY BREAKER 52U OPERATION. |
| 09/07/2017 | 1059 | 0.0 | Scheduled | Maintenance | 0 | 3 | ENGINE MAINTENANCE. |
| 09/16/2017 | 1309 | 0.0 | Forced | Maintenance | 44 | 6 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/18/2017 | 1308 | 0.0 | Forced | Maintenance | 0 | 24 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/19/2017 | 0921 | 0.0 | Forced | Maintenance | 2 | 26 | ENGINE MAINTENANCE. |
| 09/20/2017 | 0802 | 0.0 | Scheduled | Maintenance | 29 | 28 | ENGINE MAINTENANCE. |
| 09/27/2017 | 0857 | 0.0 | Forced | Maintenance | 3 | 29 | ENGINE MAINTENANCE. |
| 09/28/2017 | 0245 | 0.0 | Forced | Maintenance | 32 | 53 | ENGINE MAINTENANCE. |

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Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 09/29/2017 | 1141 | 0.0 | Forced | Maintenance | 1 | 16 | ENGINE MAINTENANCE. |
| 09/29/2017 | 1704 | 0.0 | Forced | Maintenance | 30 | 56 | ENGINE MAINTENANCE. |
| 10/01/2017 | 0000 | 0.0 | Forced | Maintenance | 57 | 0 | ENGINE MAINTENANCE. |
| 10/10/2017 | 1217 | 0.0 | Scheduled | Maintenance | 2 | 51 | ELECTRICAL MAINTENANCE. |
| 10/11/2017 | 0953 | 0.0 | Scheduled | Maintenance | 5 | 18 | ENGINE MAINTENANCE. |
| 10/27/2017 | 1107 | 0.0 | Forced | Fuel Outage | 2 | 13 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 87 | 27 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/05/2017 | 2302 | 0.0 | Forced | Fuel Outage | 13 | 55 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/08/2017 | 0802 | 0.0 | Forced | Fuel Outage | 216 | 59 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/17/2017 | 0902 | 0.0 | Forced | Maintenance | 0 | 30 | ELECTRICAL MAINTENANCE. |
| 05/17/2017 | 0940 | 0.0 | Forced | Maintenance | 0 | 15 | ELECTRICAL MAINTENANCE. |
| 05/17/2017 | 1046 | 0.0 | Forced | Maintenance | 0 | 2 | ELECTRICAL MAINTENANCE. |
| 05/18/2017 | 0902 | 0.0 | Forced | Maintenance | 30 | 49 | ENGINE MAINTENANCE. |
| 05/19/2017 | 1608 | 0.0 | Forced | Fuel Outage | 139 | 46 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/25/2017 | 1351 | 0.0 | Forced | Maintenance | 0 | 20 | GENERATOR MAINTENANCE. |
| 05/26/2017 | 0831 | 0.0 | Forced | Fuel Outage | 135 | 29 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 109 | 23 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/08/2017 | 1522 | 0.0 | Forced | Fuel Outage | 17 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/14/2017 | 0849 | 0.0 | Forced | Fuel Outage | 5 | 17 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/07/2017 | 0839 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE MAINTENANCE. |
| 07/19/2017 | 0903 | 0.0 | Scheduled | Maintenance | 2 | 32 | ENGINE MAINTENANCE. |
| 07/19/2017 | 1139 | 0.0 | Scheduled | Maintenance | 0 | 7 | ENGINE MAINTENANCE. |
| 07/19/2017 | 1151 | 0.0 | Scheduled | Maintenance | 0 | 11 | ENGINE MAINTENANCE. |
| 07/23/2017 | 0415 | 0.0 | Forced | Maintenance | 9 | 8 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 08/02/2017 | 1625 | 0.0 | Forced | Fuel Outage | 17 | 21 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/16/2017 | 0746 | 0.0 | Scheduled | Maintenance | 8 | 1 | ENGINE MAINTENANCE. |
| 09/06/2017 | 0815 | 0.0 | Scheduled | Maintenance | 1 | 50 | ENGINE MAINTENANCE. |
| 09/06/2017 | 1014 | 0.0 | Scheduled | Maintenance | 0 | 42 | ENGINE MAINTENANCE. |
| 09/07/2017 | 0930 | 0.0 | Scheduled | Maintenance | 0 | 14 | ENGINE MAINTENANCE. |
| 09/07/2017 | 1258 | 0.0 | Scheduled | Maintenance | 0 | 31 | ENGINE MAINTENANCE. |
| 09/29/2017 | 1705 | 0.0 | Forced | Maintenance | 6 | 0 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/10/2017 | 1222 | 0.0 | Forced | Maintenance | 0 | 6 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/10/2017 | 1232 | 0.0 | Forced | Maintenance | 1 | 12 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/24/2017 | 0907 | 0.0 | Scheduled | Maintenance | 3 | 40 | ENGINE MAINTENANCE. |
| 10/27/2017 | 1104 | 0.0 | Forced | Fuel Outage | 2 | 19 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/02/2017 | 1702 | 0.0 | Forced | Maintenance | 0 | 29 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/09/2017 | 0426 | 0.0 | Forced | Maintenance | 1 | 11 | FUEL SKID MAINTENANCE - FLOAT SWITCH. |
| 05/09/2017 | 0629 | 0.0 | Forced | Maintenance | 0 | 26 | FUEL SKID MAINTENANCE - FLOAT SWITCH. |
| 05/09/2017 | 1115 | 0.0 | Scheduled | Maintenance | 1 | 45 | ENGINE MAINTENANCE - TUNE UP OIL AND FILTER CHANGE. |
| 05/09/2017 | 1304 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/09/2017 | 1316 | 0.0 | Forced | Maintenance | 0 | 7 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/11/2017 | 0838 | 0.0 | Forced | Fuel Outage | 0 | 46 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/02/2017 | 1831 | 0.0 | Forced | Maintenance | 2 | 46 | SUBSTATION MAINTENANCE. |
| 06/05/2017 | 1425 | 0.0 | Forced | Maintenance | 0 | 6 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/24/2017 | 1538 | 0.0 | Forced | Maintenance | 1 | 22 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/25/2017 | 1220 | 0.0 | Forced | Maintenance | 0 | 54 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/25/2017 | 1433 | 0.0 | Forced | Maintenance | 0 | 45 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1050 | 0.0 | Scheduled | Maintenance | 3 | 30 | ENGINE MAINTENANCE - TUNE UP VALVE ADJUSTMENT AND OIL AND FILTER. |
| 06/29/2017 | 1228 | 0.0 | Scheduled | Maintenance | 0 | 8 | CONDENSATE SYSTEM MAINTENANCE - TEST RECICULATE VALVE. |
| 07/18/2017 | 1330 | 0.0 | Forced | Maintenance | 0 | 42 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/28/2017 | 1616 | 0.0 | Forced | Maintenance | 0 | 48 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/30/2017 | 1304 | 0.0 | Forced | Maintenance | 0 | 34 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/30/2017 | 1658 | 0.0 | Forced | Maintenance | 0 | 44 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1225 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1311 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1340 | 0.0 | Forced | Maintenance | 0 | 21 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1443 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1508 | 0.0 | Forced | Maintenance | 0 | 11 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1548 | 0.0 | Forced | Maintenance | 0 | 1 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1609 | 0.0 | Forced | Maintenance | 0 | 14 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/01/2017 | 1301 | 0.0 | Scheduled | Maintenance | 2 | 4 | ENGINE MAINTENANCE. |
| 08/16/2017 | 0818 | 0.0 | Scheduled | Maintenance | 5 | 2 | FUEL SKID MAINTENANCE. |
| 08/25/2017 | 1635 | 0.0 | Forced | Fuel Outage | 27 | 54 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/30/2017 | 0901 | 0.0 | Forced | Maintenance | 1 | 44 | ENGINE MAINTENANCE. |
| 09/01/2017 | 0945 | 0.0 | Scheduled | Maintenance | 0 | 27 | ENGINE MAINTENANCE. |
| 09/05/2017 | 0800 | 0.0 | Forced | Fuel Outage | 0 | 43 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 09/13/2017 | 2134 | 0.0 | Forced | Fuel Outage | 10 | 50 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/15/2017 | 1534 | 0.0 | Forced | Maintenance | 2 | 0 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/15/2017 | 1810 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/17/2017 | 1242 | 0.0 | Forced | Maintenance | 1 | 28 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/17/2017 | 1452 | 0.0 | Forced | Maintenance | 0 | 20 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/18/2017 | 1220 | 0.0 | Scheduled | Maintenance | 2 | 45 | ENGINE MAINTENANCE. |
| 09/18/2017 | 1638 | 0.0 | Forced | Maintenance | 0 | 11 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/05/2017 | 0705 | 0.0 | Forced | Maintenance | 8 | 35 | FUEL SKID MAINTENANCE. |
| 10/10/2017 | 1101 | 0.0 | Forced | Fuel Outage | 1 | 7 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/18/2017 | 1310 | 0.0 | Forced | Fuel Outage | 0 | 45 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/27/2017 | 1400 | 0.0 | Forced | Maintenance | 0 | 59 | RADIATOR MAINTENANCE. |
| 10/30/2017 | 1130 | 0.0 | Forced | Maintenance | 0 | 53 | ENGINE MAINTENANCE. |

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Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/02/2017 | 1732 | 0.0 | Forced | Maintenance | 0 | 16 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/09/2017 | 0424 | 0.0 | Forced | Maintenance | 2 | 3 | FUEL SKID MAINTENANCE - FLOAT SWITCH. |
| 05/09/2017 | 0629 | 0.0 | Forced | Maintenance | 0 | 22 | FUEL SKID MAINTENANCE - FLOAT SWITCH. |
| 05/15/2017 | 1315 | 0.0 | Forced | Maintenance | 0 | 24 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/19/2017 | 1441 | 0.0 | Forced | Maintenance | 0 | 6 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/20/2017 | 1424 | 0.0 | Forced | Maintenance | 0 | 35 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/02/2017 | 1831 | 0.0 | Forced | Maintenance | 2 | 33 | SUBSTATION MAINTENANCE. |
| 06/02/2017 | 2113 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/09/2017 | 1005 | 0.0 | Scheduled | Maintenance | 2 | 56 | ENGINE MAINTENANCE - TUNE UP VALVE ADJUSTMENT,OIL AND FILTER. |
| 06/21/2017 | 0458 | 0.0 | Scheduled | Maintenance | 52 | 4 | ENGINE MAINTENANCE - TOP END. |
| 06/23/2017 | 0942 | 0.0 | Forced | Maintenance | 2 | 51 | ENGINE MAINTENANCE - REPLACE BATTERIES. |
| 06/24/2017 | 1644 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1343 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 1230 | 0.0 | Scheduled | Maintenance | 0 | 7 | CONDENSATE SYSTEM MAINTENANCE - RECIRCULATE VALVE TEST. |
| 07/06/2017 | 1600 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/18/2017 | 1210 | 0.0 | Forced | Maintenance | 0 | 8 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/24/2017 | 0945 | 0.0 | Scheduled | Maintenance | 4 | 26 | ENGINE MAINTENANCE. |
| 07/26/2017 | 0840 | 0.0 | Forced | Fuel Outage | 135 | 20 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 62 | 21 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/03/2017 | 1533 | 0.0 | Forced | Maintenance | 0 | 23 | ENGINE MAINTENANCE. |
| 08/13/2017 | 0848 | 0.0 | Forced | Maintenance | 8 | 21 | ENGINE MAINTENANCE. |
| 08/16/2017 | 0818 | 0.0 | Scheduled | Maintenance | 5 | 5 | FUEL SKID MAINTENANCE. |
| 08/18/2017 | 1055 | 0.0 | Forced | Maintenance | 1 | 12 | ENGINE MAINTENANCE. |
| 08/18/2017 | 2300 | 0.0 | Forced | Maintenance | 17 | 6 | ENGINE MAINTENANCE. |
| 08/23/2017 | 1415 | 0.0 | Forced | Maintenance | 1 | 56 | ENGINE MAINTENANCE. |
| 08/25/2017 | 1636 | 0.0 | Forced | Fuel Outage | 27 | 32 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/28/2017 | 0715 | 0.0 | Forced | Fuel Outage | 31 | 4 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/05/2017 | 0800 | 0.0 | Forced | Fuel Outage | 1 | 10 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/13/2017 | 2133 | 0.0 | Forced | Fuel Outage | 10 | 33 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 09/19/2017 | 0945 | 0.0 | Scheduled | Maintenance | 5 | 54 | ENGINE MAINTENANCE. |
| 10/05/2017 | 0705 | 0.0 | Forced | Maintenance | 0 | 13 | FUEL SKID MAINTENANCE. |
| 10/10/2017 | 0916 | 0.0 | Forced | Fuel Outage | 2 | 55 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/18/2017 | 1310 | 0.0 | Forced | Fuel Outage | 0 | 57 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/02/2017 | 1718 | 0.0 | Forced | Maintenance | 0 | 30 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/09/2017 | 0426 | 0.0 | Forced | Maintenance | 1 | 10 | FUEL SKID MAINTENANCE - FLOAT SWITCH. |
| 05/09/2017 | 0629 | 0.0 | Forced | Maintenance | 0 | 23 | FUEL SKID MAINTENANCE - FLOAT SWITCH. |
| 05/09/2017 | 1156 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/10/2017 | 1142 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/11/2017 | 0838 | 0.0 | Forced | Fuel Outage | 0 | 46 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/11/2017 | 1103 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION -TUNE FUEL SYSTEM. |
| 05/15/2017 | 1314 | 0.0 | Forced | Maintenance | 0 | 24 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/19/2017 | 1440 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/02/2017 | 1831 | 0.0 | Forced | Maintenance | 2 | 33 | SUBSTATION MAINTENANCE. |
| 06/02/2017 | 2113 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/03/2017 | 1201 | 0.0 | Forced | Maintenance | 0 | 50 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/03/2017 | 1507 | 0.0 | Forced | Maintenance | 1 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/05/2017 | 1110 | 0.0 | Scheduled | Maintenance | 3 | 37 | ENGINE MAINTENANCE - TUNE UP VALVE ADJUST OIL AND FILTER. |
| 06/05/2017 | 1522 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE MAINTENANCE - OIL LINE LEAK. |
| 06/09/2017 | 1335 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/24/2017 | 0639 | 0.0 | Forced | Maintenance | 3 | 4 | ENGINE MAINTENANCE - REPLACE BATTERIES. |
| 06/24/2017 | 1618 | 0.0 | Forced | Maintenance | 0 | 31 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1340 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 1230 | 0.0 | Forced | Maintenance | 0 | 6 | CONDENSATE SYSTEM MAINTENANCE - TEST RECIRCULATE VALVE. |
| 07/03/2017 | 0815 | 0.0 | Forced | Maintenance | 0 | 18 | ENGINE MAINTENANCE - OIL LINE LEAK. |
| 07/06/2017 | 0520 | 0.0 | Scheduled | Maintenance | 13 | 26 | ENGINE MAINTENANCE - TOP END. |
| 07/10/2017 | 0745 | 0.0 | Scheduled | Maintenance | 0 | 39 | ENGINE MAINTENANCE - CHANGE OIL AND FILTERS. |
| 07/10/2017 | 1048 | 0.0 | Forced | Maintenance | 0 | 32 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/18/2017 | 1200 | 0.0 | Forced | Maintenance | 2 | 10 | RADIATOR MAINTENANCE. |
| 07/28/2017 | 1616 | 0.0 | Forced | Maintenance | 0 | 48 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 08/16/2017 | 0818 | 0.0 | Scheduled | Maintenance | 5 | 12 | FUEL SKID MAINTENANCE. |

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| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 08/25/2017 | 1540 | 0.0 | Forced | Fuel Outage | 26 | 48 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/28/2017 | 1310 | 0.0 | Forced | Fuel Outage | 25 | 10 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/29/2017 | 1437 | 0.0 | Forced | Maintenance | 1 | 0 | ENGINE MAINTENANCE. |
| 08/30/2017 | 1230 | 0.0 | Scheduled | Maintenance | 2 | 30 | ENGINE MAINTENANCE. |
| 09/01/2017 | 0945 | 0.0 | Scheduled | Maintenance | 0 | 27 | ENGINE MAINTENANCE. |
| 09/05/2017 | 0800 | 0.0 | Forced | Fuel Outage | 0 | 45 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/07/2017 | 1025 | 0.0 | Forced | Maintenance | 0 | 7 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/13/2017 | 2133 | 0.0 | Forced | Fuel Outage | 10 | 28 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/04/2017 | 1218 | 0.0 | Scheduled | Maintenance | 4 | 7 | ENGINE MAINTENANCE. |
| 10/05/2017 | 0705 | 0.0 | Forced | Maintenance | 0 | 10 | FUEL SKID MAINTENANCE. |
| 10/05/2017 | 1205 | 0.0 | Forced | Maintenance | 0 | 27 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/10/2017 | 1102 | 0.0 | Forced | Fuel Outage | 1 | 8 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/11/2017 | 0416 | 0.0 | Forced | Maintenance | 0 | 57 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/11/2017 | 0641 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/11/2017 | 0713 | 0.0 | Forced | Maintenance | 0 | 1 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/11/2017 | 0725 | 0.0 | Forced | Maintenance | 0 | 1 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/17/2017 | 0900 | 0.0 | Forced | Maintenance | 6 | 9 | RADIATOR MAINTENANCE. |
| 10/18/2017 | 1310 | 0.0 | Forced | Fuel Outage | 1 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Maintenance | 107 | 5 | ENGINE MAINTENANCE - BAD EXHAUST MANIFOLD. |
| 05/09/2017 | 0426 | 0.0 | Forced | Maintenance | 1 | 10 | FUEL SKID MAINTENANCE. |
| 05/09/2017 | 0629 | 0.0 | Forced | Maintenance | 0 | 25 | FUEL SKID MAINTENANCE. |
| 05/09/2017 | 1154 | 0.0 | Forced | Maintenance | 3 | 26 | RADIATOR MAINTENANCE. |
| 05/09/2017 | 1523 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/09/2017 | 1529 | 0.0 | Scheduled | Maintenance | 0 | 23 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/10/2017 | 1030 | 0.0 | Forced | Maintenance | 1 | 18 | ENGINE MAINTENANCE - WATER LEAK. |
| 05/11/2017 | 0842 | 0.0 | Forced | Fuel Outage | 0 | 44 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/11/2017 | 1023 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 05/13/2017 | 0457 | 0.0 | Forced | Maintenance | 1 | 36 | RADIATOR MAINTENANCE. |
| 05/13/2017 | 0903 | 0.0 | Forced | Maintenance | 0 | 1 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 05/13/2017 | 0945 | 0.0 | Forced | Maintenance | 0 | 11 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 05/13/2017 | 1111 | 0.0 | Forced | Maintenance | 46 | 34 | RADIATOR MAINTENANCE. |
| 05/15/2017 | 1027 | 0.0 | Forced | Maintenance | 5 | 2 | ENGINE MAINTENANCE - TEMP SENSOR. |
| 05/15/2017 | 1833 | 0.0 | Forced | Maintenance | 1 | 50 | ENGINE MAINTENANCE - BROKEN WATER HOSE. |
| 05/15/2017 | 2213 | 0.0 | Forced | Maintenance | 8 | 55 | RADIATOR MAINTENANCE. |
| 05/16/2017 | 1037 | 0.0 | Forced | Maintenance | 0 | 36 | RADIATOR MAINTENANCE. |
| 05/16/2017 | 1121 | 0.0 | Forced | Maintenance | 0 | 16 | RADIATOR MAINTENANCE. |
| 05/17/2017 | 0717 | 0.0 | Forced | Maintenance | 352 | 43 | RADIATOR MAINTENANCE - LEAKING TUBE. |
| 06/01/2017 | 0000 | 0.0 | Forced | Maintenance | 490 | 57 | RADIATOR MAINTENANCE. |
| 06/21/2017 | 1121 | 0.0 | Forced | Maintenance | 0 | 59 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/21/2017 | 1337 | 0.0 | Forced | Maintenance | 2 | 31 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/25/2017 | 0721 | 0.0 | Forced | Maintenance | 0 | 20 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1050 | 0.0 | Forced | Maintenance | 3 | 50 | RADIATOR MAINTENANCE - FLUSH RADIATOR. |
| 06/26/2017 | 1443 | 0.0 | Forced | Maintenance | 0 | 7 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1457 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1517 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 1805 | 0.0 | Forced | Maintenance | 0 | 33 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/26/2017 | 2339 | 0.0 | Forced | Maintenance | 6 | 24 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 0604 | 0.0 | Forced | Maintenance | 1 | 8 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |

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|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 06/27/2017 | 0811 | 0.0 | Forced | Maintenance | 0 | 15 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 0841 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE SYSTEM. |
| 06/27/2017 | 1022 | 0.0 | Forced | Maintenance | 3 | 46 | RADIATOR MAINTENANCE - FLUSH RADIATOR. |
| 06/27/2017 | 1419 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 1442 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 1602 | 0.0 | Forced | Maintenance | 0 | 1 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 1604 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 1615 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 1646 | 0.0 | Forced | Maintenance | 0 | 11 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 1837 | 0.0 | Forced | Maintenance | 0 | 35 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/27/2017 | 2055 | 0.0 | Forced | Maintenance | 10 | 17 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 0127 | 0.0 | Forced | Maintenance | 5 | 53 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 1505 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION - TUNEFUEL SYSTEM. |
| 06/29/2017 | 1514 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 1528 | 0.0 | Forced | Maintenance | 0 | 11 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 1553 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 06/29/2017 | 2012 | 0.0 | Forced | Maintenance | 10 | 59 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/06/2017 | 1122 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/06/2017 | 1344 | 0.0 | Forced | Maintenance | 0 | 5 | ELECTRICAL MAINTENANCE - LOSS OF FIELD. |
| 07/06/2017 | 1544 | 0.0 | Forced | Maintenance | 0 | 24 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/10/2017 | 0900 | 0.0 | Forced | Maintenance | 1 | 58 | RADIATOR MAINTENANCE - FLUSH RADIATOR. |
| 07/10/2017 | 1059 | 0.0 | Forced | Maintenance | 0 | 13 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/10/2017 | 1113 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |
| 07/12/2017 | 2209 | 0.0 | Forced | Maintenance | 8 | 55 | ENGINE SHUTDOWN DUE TO DETONATION - TUNE FUEL SYSTEM. |

Production Management Reporting System



East Kentucky Power

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Laurel Ridge Landfill

Unit 004

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 07/13/2017 | 0937 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/17/2017 | 0902 | 0.0 | Forced | Maintenance | 2 | 32 | RADIATOR MAINTENANCE. |
| 07/28/2017 | 1616 | 0.0 | Forced | Maintenance | 0 | 49 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/30/2017 | 1721 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1100 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1443 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1452 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1538 | 0.0 | Forced | Maintenance | 0 | 10 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1604 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/31/2017 | 1613 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/07/2017 | 1145 | 0.0 | Forced | Maintenance | 1 | 41 | RADIATOR MAINTENANCE. |
| 08/07/2017 | 1411 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/11/2017 | 1217 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/13/2017 | 1903 | 0.0 | Forced | Maintenance | 0 | 37 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/15/2017 | 1724 | 0.0 | Forced | Maintenance | 0 | 59 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/16/2017 | 0818 | 0.0 | Scheduled | Maintenance | 5 | 9 | GENERATOR MAINTENANCE. |
| 08/16/2017 | 2023 | 0.0 | Forced | Maintenance | 0 | 39 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/25/2017 | 1641 | 0.0 | Forced | Fuel Outage | 25 | 35 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/05/2017 | 0800 | 0.0 | Forced | Fuel Outage | 1 | 19 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/07/2017 | 1348 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/11/2017 | 1100 | 0.0 | Scheduled | Maintenance | 2 | 52 | ENGINE MAINTENANCE. |
| 09/13/2017 | 2137 | 0.0 | Forced | Fuel Outage | 10 | 30 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/14/2017 | 0810 | 0.0 | Forced | Maintenance | 0 | 4 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/19/2017 | 0731 | 0.0 | Forced | Maintenance | 0 | 8 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/03/2017 | 1638 | 0.0 | Forced | Maintenance | 0 | 52 | GENERATOR PROTECTIVE RELAY FAULT. |
| 10/05/2017 | 0705 | 0.0 | Forced | Maintenance | 0 | 11 | FUEL SKID MAINTENANCE. |
| 10/05/2017 | 1112 | 0.0 | Forced | Maintenance | 1 | 22 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/10/2017 | 1102 | 0.0 | Forced | Fuel Outage | 1 | 16 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/12/2017 | 0417 | 0.0 | Forced | Maintenance | 0 | 56 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/18/2017 | 1310 | 0.0 | Forced | Fuel Outage | 0 | 48 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/19/2017 | 0614 | 0.0 | Forced | Maintenance | 1 | 38 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/30/2017 | 0905 | 0.0 | Scheduled | Maintenance | 4 | 22 | ENGINE MAINTENANCE. |

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Bavarian Landfill

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/04/2017 | 0620 | 0.0 | Forced | Maintenance | 0 | 19 | ELECTRICAL MAINTENANCE - SHUTDOWN TO DEENERGIZE PLANT. |
| 05/04/2017 | 2010 | 0.0 | Forced | Maintenance | 1 | 39 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/14/2017 | 2126 | 0.0 | Forced | Maintenance | 4 | 19 | UTILITY BREAKER 52U OPERATION. |
| 05/15/2017 | 0145 | 0.0 | Forced | Maintenance | 8 | 24 | ENGINE MAINTENANCE - REPLACE BATTERIES. |
| 05/15/2017 | 2218 | 0.0 | Forced | Maintenance | 1 | 18 | UTILITY BREAKER 52U OPERATION. |
| 05/18/2017 | 0851 | 0.0 | Scheduled | Maintenance | 1 | 34 | SUBSTATION MAINTENANCE. |
| 05/30/2017 | 1047 | 0.0 | Scheduled | Maintenance | 1 | 33 | ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES. |
| 06/04/2017 | 1246 | 0.0 | Forced | Maintenance | 1 | 17 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/06/2017 | 1401 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/17/2017 | 1627 | 0.0 | Forced | Maintenance | 5 | 0 | UTILITY BREAKER 52U OPERATION. |
| 06/17/2017 | 2127 | 0.0 | Forced | Maintenance | 34 | 21 | ENGINE MAINTENANCE - REPLACE RIGHT HAND TURBO. |
| 06/21/2017 | 0750 | 0.0 | Scheduled | Maintenance | 8 | 40 | SUBSTATION MAINTENANCE. |
| 06/26/2017 | 0817 | 0.0 | Forced | Maintenance | 0 | 38 | ENGINE MAINTENANCE - REPLACE COOLANT LINE. |
| 07/11/2017 | 1027 | 0.0 | Forced | Fuel Outage | 0 | 24 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/17/2017 | 1056 | 0.0 | Forced | Maintenance | 0 | 16 | UTILITY BREAKER 52U OPERATION. |
| 07/19/2017 | 1100 | 0.0 | Scheduled | Maintenance | 0 | 32 | ENGINE MAINTENANCE. |
| 07/22/2017 | 2018 | 0.0 | Forced | Fuel Outage | 2 | 25 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/29/2017 | 0912 | 0.0 | Forced | Maintenance | 1 | 22 | FUEL SKID MAINTENANCE. |
| 07/29/2017 | 1216 | 0.0 | Forced | Maintenance | 1 | 18 | FUEL SKID MAINTENANCE. |
| 08/02/2017 | 1204 | 0.0 | Scheduled | Maintenance | 0 | 53 | ENGINE MAINTENANCE. |
| 08/25/2017 | 1101 | 0.0 | Forced | Fuel Outage | 0 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/30/2017 | 1005 | 0.0 | Scheduled | Maintenance | 1 | 52 | ENGINE MAINTENANCE. |
| 08/31/2017 | 1155 | 0.0 | Forced | Fuel Outage | 0 | 31 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/05/2017 | 0439 | 0.0 | Forced | Maintenance | 0 | 48 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/09/2017 | 1222 | 0.0 | Forced | Maintenance | 1 | 59 | UTILITY BREAKER 52U OPERATION. |
| 09/09/2017 | 1645 | 0.0 | Forced | Maintenance | 1 | 12 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/10/2017 | 1418 | 0.0 | Forced | Maintenance | 1 | 8 | ENGINE MAINTENANCE. |
| 09/12/2017 | 0909 | 0.0 | Scheduled | Maintenance | 1 | 57 | ENGINE MAINTENANCE. |
| 09/23/2017 | 1449 | 0.0 | Forced | Maintenance | 1 | 20 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/26/2017 | 0904 | 0.0 | Scheduled | Maintenance | 4 | 12 | FUEL SKID MAINTENANCE. |
| 10/06/2017 | 0803 | 0.0 | Forced | Maintenance | 0 | 18 | UTILITY BREAKER 52U OPERATION. |
| 10/06/2017 | 0822 | 0.0 | Forced | Maintenance | 0 | 7 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/13/2017 | 0843 | 0.0 | Scheduled | Maintenance | 0 | 17 | ENGINE MAINTENANCE. |
| 10/16/2017 | 1328 | 0.0 | Forced | Fuel Outage | 0 | 36 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Bavarian Landfill

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 10/24/2017 | 0615 | 0.0 | Forced | Maintenance | 3 | 5 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/25/2017 | 1633 | 0.0 | Forced | Fuel Outage | 0 | 50 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Bavarian Landfill

Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 05/04/2017 | 0531 | 0.0 | Forced | Maintenance | 1 | 12 | ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO NO. 3 SHUTDOWN. |
| 05/04/2017 | 2010 | 0.0 | Forced | Maintenance | 1 | 39 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/14/2017 | 2126 | 0.0 | Forced | Maintenance | 4 | 18 | UTILITY BREAKER 52U OPERATION. |
| 05/15/2017 | 2218 | 0.0 | Forced | Maintenance | 1 | 17 | UTILITY BREAKER 52U OPERATION. |
| 05/18/2017 | 0851 | 0.0 | Scheduled | Maintenance | 1 | 35 | SUBSTATION MAINTENANCE. |
| 06/01/2017 | 1108 | 0.0 | Scheduled | Maintenance | 1 | 9 | ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES. |
| 06/01/2017 | 1329 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/04/2017 | 1242 | 0.0 | Forced | Maintenance | 1 | 20 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/06/2017 | 1401 | 0.0 | Forced | Maintenance | 0 | 18 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/17/2017 | 1627 | 0.0 | Forced | Maintenance | 4 | 59 | UTILITY BREAKER 52U OPERATION. |
| 06/21/2017 | 0750 | 0.0 | Scheduled | Maintenance | 8 | 37 | SUBSTATION MAINTENANCE. |
| 07/08/2017 | 0615 | 0.0 | Forced | Maintenance | 1 | 18 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/11/2017 | 1027 | 0.0 | Forced | Fuel Outage | 0 | 25 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/17/2017 | 1056 | 0.0 | Forced | Maintenance | 0 | 17 | UTILITY BREAKER 52U OPERATION. |
| 07/18/2017 | 0610 | 0.0 | Scheduled | Maintenance | 13 | 31 | ENGINE MAINTENANCE. |
| 07/19/2017 | 1133 | 0.0 | Scheduled | Maintenance | 0 | 41 | ENGINE MAINTENANCE. |
| 07/22/2017 | 2018 | 0.0 | Forced | Fuel Outage | 2 | 25 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/27/2017 | 1121 | 0.0 | Forced | Maintenance | 1 | 18 | ENGINE MAINTENANCE. |
| 07/29/2017 | 0912 | 0.0 | Forced | Maintenance | 1 | 23 | FUEL SKID MAINTENANCE. |
| 07/29/2017 | 1216 | 0.0 | Forced | Maintenance | 1 | 19 | FUEL SKID MAINTENANCE. |
| 08/08/2017 | 1023 | 0.0 | Scheduled | Maintenance | 3 | 40 | ENGINE MAINTENANCE. |
| 08/25/2017 | 1101 | 0.0 | Forced | Fuel Outage | 0 | 35 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/31/2017 | 0846 | 0.0 | Scheduled | Maintenance | 3 | 41 | ENGINE MAINTENANCE. |
| 09/05/2017 | 0452 | 0.0 | Forced | Maintenance | 0 | 45 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/05/2017 | 1034 | 0.0 | Scheduled | Maintenance | 2 | 8 | ENGINE MAINTENANCE. |
| 09/09/2017 | 1222 | 0.0 | Forced | Maintenance | 2 | 3 | UTILITY BREAKER 52U OPERATION. |
| 09/09/2017 | 1650 | 0.0 | Forced | Maintenance | 1 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/23/2017 | 1454 | 0.0 | Forced | Maintenance | 1 | 15 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/26/2017 | 0904 | 0.0 | Scheduled | Maintenance | 4 | 13 | FUEL SKID MAINTENANCE. |
| 10/06/2017 | 0803 | 0.0 | Forced | Maintenance | 0 | 23 | UTILITY BREAKER 52U OPERATION. |
| 10/19/2017 | 0926 | 0.0 | Scheduled | Maintenance | 1 | 35 | ENGINE MAINTENANCE. |
| 10/19/2017 | 1303 | 0.0 | Forced | Maintenance | 0 | 24 | ENGINE MAINTENANCE. |
| 10/24/2017 | 0653 | 0.0 | Forced | Maintenance | 2 | 1 | ENGINE SHUTDOWN DUE TO DETONATION. |

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Bavarian Landfill

Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 05/02/2017 | 0942 | 0.0 | Scheduled | Maintenance | 2 | 0 | ENGINE MAINTENANCE - CHANGE SPARK PLUGS AND ADJUST VALVES. |
| 05/02/2017 | 1142 | 0.0 | Scheduled | Maintenance | 2 | 15 | RADIATOR MAINTENANCE - CLEAN RADIATOR AND CHANGE BELTS. |
| 05/04/2017 | 0505 | 0.0 | Forced | Maintenance | 6 | 7 | GENERATOR PROTECTIVE RELAY FAULT - SHUTDOWN DUE TO REVERSE POWER. |
| 05/04/2017 | 1115 | 0.0 | Scheduled | Maintenance | 0 | 15 | GENERATOR MAINTENANCE - TESTING PROTECTIVE RELAY. |
| 05/04/2017 | 2010 | 0.0 | Forced | Maintenance | 1 | 41 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/14/2017 | 2126 | 0.0 | Forced | Maintenance | 4 | 8 | UTILITY BREAKER 52U OPERATION. |
| 05/15/2017 | 2218 | 0.0 | Forced | Maintenance | 1 | 22 | UTILITY BREAKER 52U OPERATION. |
| 05/18/2017 | 0851 | 0.0 | Scheduled | Maintenance | 1 | 37 | SUBSTATION MAINTENANCE. |
| 05/30/2017 | 1019 | 0.0 | Scheduled | Maintenance | 0 | 27 | ENGINE MAINTENANCE - CHANGE OIL AND FILTERS. |
| 06/04/2017 | 1244 | 0.0 | Forced | Maintenance | 1 | 22 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/06/2017 | 1401 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/17/2017 | 1627 | 0.0 | Forced | Maintenance | 5 | 0 | UTILITY BREAKER 52U OPERATION. |
| 06/21/2017 | 0750 | 0.0 | Scheduled | Maintenance | 8 | 38 | SUBSTATION MAINTENANCE. |
| 06/28/2017 | 0923 | 0.0 | Scheduled | Maintenance | 1 | 17 | ENGINE MAINTENANCE - CHANGE SPARK PLUGS AND ADJUST VALVES. |
| 06/29/2017 | 1107 | 0.0 | Forced | Maintenance | 3 | 40 | ENGINE MAINTENANCE - REPLACE NO. 3 CYLINDER HEAD DUE TO BURNT VALVE. |
| 07/07/2017 | 1930 | 0.0 | Forced | Maintenance | 4 | 27 | ENGINE MAINTENANCE - REPLACE WATER PUMP. |
| 07/08/2017 | 0417 | 0.0 | Forced | Maintenance | 3 | 17 | GENERATOR PROTECTIVE RELAY FAULT - DIRECTIONAL POWER SHUTDOWN. |
| 07/11/2017 | 1027 | 0.0 | Forced | Fuel Outage | 0 | 26 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/12/2017 | 1826 | 0.0 | Forced | Maintenance | 0 | 10 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/17/2017 | 0900 | 0.0 | Scheduled | Maintenance | 0 | 45 | ENGINE MAINTENANCE. |
| 07/17/2017 | 1056 | 0.0 | Forced | Maintenance | 0 | 15 | UTILITY BREAKER 52U OPERATION. |
| 07/22/2017 | 1330 | 0.0 | Forced | Maintenance | 3 | 10 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/22/2017 | 2018 | 0.0 | Forced | Fuel Outage | 2 | 26 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/29/2017 | 0912 | 0.0 | Forced | Maintenance | 1 | 21 | FUEL SKID MAINTENANCE. |
| 07/29/2017 | 1216 | 0.0 | Forced | Maintenance | 1 | 19 | FUEL SKID MAINTENANCE. |
| 08/10/2017 | 1904 | 0.0 | Forced | Maintenance | 1 | 32 | RADIATOR MAINTENANCE. FAN VFD SHUTDOWN. |
| 08/10/2017 | 2209 | 0.0 | Forced | Maintenance | 0 | 11 | RADIATOR MAINTENANCE. FAN VFD SHUTDOWN. |
| 08/10/2017 | 2253 | 0.0 | Forced | Maintenance | 13 | 57 | RADIATOR MAINTENANCE. FAN VFD SHUTDOWN. |
| 08/21/2017 | 0833 | 0.0 | Scheduled | Maintenance | 3 | 14 | ENGINE MAINTENANCE. |
| 08/25/2017 | 1101 | 0.0 | Forced | Fuel Outage | 0 | 36 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Bavarian Landfill

Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 08/25/2017 | 1207 | 0.0 | Forced | Maintenance | 0 | 5 | GENERATOR PROTECTIVE RELAY FAULT. |
| 08/30/2017 | 1804 | 0.0 | Forced | Maintenance | 1 | 7 | GENERATOR PROTECTIVE RELAY FAULT. |
| 08/31/2017 | 1155 | 0.0 | Forced | Fuel Outage | 0 | 28 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/31/2017 | 1225 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/05/2017 | 0436 | 0.0 | Forced | Maintenance | 0 | 51 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/05/2017 | 1243 | 0.0 | Scheduled | Maintenance | 1 | 8 | ELECTRICAL MAINTENANCE. |
| 09/09/2017 | 1222 | 0.0 | Forced | Maintenance | 1 | 59 | UTILITY BREAKER 52U OPERATION. |
| 09/09/2017 | 1646 | 0.0 | Forced | Maintenance | 1 | 15 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/10/2017 | 1419 | 0.0 | Forced | Maintenance | 1 | 6 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/14/2017 | 1007 | 0.0 | Scheduled | Maintenance | 3 | 25 | ENGINE MAINTENANCE. |
| 09/18/2017 | 1703 | 0.0 | Forced | Maintenance | 3 | 35 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/23/2017 | 1449 | 0.0 | Forced | Maintenance | 1 | 19 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/26/2017 | 0904 | 0.0 | Scheduled | Maintenance | 4 | 12 | FUEL SKID MAINTENANCE. |
| 09/27/2017 | 1910 | 0.0 | Forced | Maintenance | 1 | 25 | ENGINE MAINTENANCE. |
| 10/06/2017 | 0803 | 0.0 | Forced | Maintenance | 2 | 0 | UTILITY BREAKER 52U OPERATION. |
| 10/09/2017 | 0828 | 0.0 | Scheduled | Maintenance | 1 | 43 | ENGINE MAINTENANCE. |
| 10/24/2017 | 0652 | 0.0 | Forced | Maintenance | 2 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |

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Unit 004

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|--|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 1018 | 0.0 | Scheduled | Maintenance | 2 | 0 | ENGINE MAINTENANCE - CHANGE OIL, FILTERS, SPARK PLUGS, AND ADJUST VALVES. |
| 05/01/2017 | 1218 | 0.0 | Scheduled | Maintenance | 2 | 48 | RADIATOR MAINTENANCE - CLEAN RADIATOR AND CHANGE BELTS. |
| 05/04/2017 | 0505 | 0.0 | Forced | Maintenance | 1 | 35 | ENGINE SHUTDOWN DUE TO DETONATION - CHANGE IN GAS QUALITY DUE TO NO. 3 SHUTDOWN. |
| 05/04/2017 | 0700 | 0.0 | Forced | Maintenance | 0 | 9 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 05/04/2017 | 0723 | 0.0 | Forced | Maintenance | 0 | 26 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 05/04/2017 | 2010 | 0.0 | Forced | Maintenance | 1 | 39 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/14/2017 | 2126 | 0.0 | Forced | Maintenance | 3 | 51 | UTILITY BREAKER 52U OPERATION. |
| 05/15/2017 | 2218 | 0.0 | Forced | Maintenance | 1 | 17 | UTILITY BREAKER 52U OPERATION. |
| 05/18/2017 | 0851 | 0.0 | Scheduled | Maintenance | 1 | 34 | SUBSTATION MAINTENANCE. |
| 06/04/2017 | 1241 | 0.0 | Forced | Maintenance | 1 | 20 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/06/2017 | 1401 | 0.0 | Forced | Maintenance | 0 | 15 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/13/2017 | 0851 | 0.0 | Scheduled | Maintenance | 1 | 16 | ENGINE MAINTENANCE - CHANGE OIL, FILTERS, PLUGS, AND ADJUST VALVES. |
| 06/17/2017 | 1627 | 0.0 | Forced | Maintenance | 4 | 59 | UTILITY BREAKER 52U OPERATION. |
| 06/21/2017 | 0750 | 0.0 | Scheduled | Maintenance | 8 | 37 | SUBSTATION MAINTENANCE. |
| 06/29/2017 | 0908 | 0.0 | Forced | Maintenance | 0 | 7 | GENERATOR PROTECTIVE RELAY FAULT - LOSS OF FIELD SHUTDOWN. |
| 06/29/2017 | 0916 | 0.0 | Forced | Maintenance | 1 | 50 | GENERATOR MAINTENANCE - REPLACE TRANSFORMER. |
| 06/29/2017 | 1941 | 0.0 | Forced | Maintenance | 5 | 55 | ENGINE MAINTENANCE - REPLACE WATER PUMP. |
| 07/11/2017 | 1027 | 0.0 | Forced | Fuel Outage | 0 | 24 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/17/2017 | 1056 | 0.0 | Forced | Maintenance | 0 | 15 | UTILITY BREAKER 52U OPERATION. |
| 07/22/2017 | 1329 | 0.0 | Forced | Maintenance | 3 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/22/2017 | 2018 | 0.0 | Forced | Fuel Outage | 2 | 23 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/29/2017 | 0912 | 0.0 | Forced | Maintenance | 1 | 22 | FUEL SKID MAINTENANCE. |
| 07/29/2017 | 1216 | 0.0 | Forced | Maintenance | 1 | 19 | FUEL SKID MAINTENANCE. |
| 07/31/2017 | 1043 | 0.0 | Scheduled | Maintenance | 1 | 0 | ENGINE MAINTENANCE. |
| 08/25/2017 | 1101 | 0.0 | Forced | Fuel Outage | 0 | 37 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/31/2017 | 1155 | 0.0 | Forced | Fuel Outage | 0 | 33 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/05/2017 | 0436 | 0.0 | Forced | Maintenance | 0 | 52 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/09/2017 | 1222 | 0.0 | Forced | Maintenance | 1 | 59 | UTILITY BREAKER 52U OPERATION. |
| 09/09/2017 | 1644 | 0.0 | Forced | Maintenance | 1 | 9 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/10/2017 | 1419 | 0.0 | Forced | Maintenance | 1 | 7 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/13/2017 | 0555 | 0.0 | Scheduled | Maintenance | 10 | 17 | ENGINE MAINTENANCE. |
| 09/14/2017 | 0926 | 0.0 | Scheduled | Maintenance | 0 | 40 | ENGINE MAINTENANCE. |

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Bavarian Landfill

Unit 004

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 09/14/2017 | 1040 | 0.0 | Scheduled | Maintenance | 0 | 12 | ENGINE MAINTENANCE. |
| 09/26/2017 | 0904 | 0.0 | Scheduled | Maintenance | 4 | 31 | FUEL SKID MAINTENANCE. |
| 10/06/2017 | 0803 | 0.0 | Forced | Maintenance | 0 | 24 | UTILITY BREAKER 52U OPERATION. |
| 10/16/2017 | 1329 | 0.0 | Forced | Fuel Outage | 0 | 39 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Unit 005

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/04/2017 | 0620 | 0.0 | Forced | Maintenance | 0 | 29 | ELECTRICAL MAINTENANCE - SHUTDOWN TO DEENERGIZE PLANT. |
| 05/04/2017 | 2010 | 0.0 | Forced | Maintenance | 2 | 18 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/08/2017 | 1502 | 0.0 | Forced | Fuel Outage | 1 | 57 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/14/2017 | 2126 | 0.0 | Forced | Maintenance | 4 | 48 | UTILITY BREAKER 52U OPERATION. |
| 05/15/2017 | 0257 | 0.0 | Forced | Maintenance | 0 | 26 | ENGINE MAINTENANCE - REPLACE NO. 8 SPARK PLUG. |
| 05/15/2017 | 0328 | 0.0 | Forced | Maintenance | 13 | 30 | ENGINE MAINTENANCE - REPLACE SPARK PLUGS. |
| 05/15/2017 | 2218 | 0.0 | Forced | Maintenance | 1 | 33 | UTILITY BREAKER 52U OPERATION. |
| 05/18/2017 | 0855 | 0.0 | Scheduled | Maintenance | 1 | 41 | SUBSTATION MAINTENANCE. |
| 05/18/2017 | 1420 | 0.0 | Forced | Fuel Outage | 0 | 9 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/30/2017 | 0900 | 0.0 | Scheduled | Maintenance | 1 | 13 | ENGINE MAINTENANCE - CHANGE OIL AND FILTERS. |
| 06/01/2017 | 1320 | 0.0 | Forced | Maintenance | 0 | 9 | FUEL SKID MAINTENANCE - ADJUST BLOWER OIL PRESSURE. |
| 06/01/2017 | 1332 | 0.0 | Forced | Maintenance | 0 | 4 | FUEL SKID MAINTENANCE - ADJUST BLOWER OIL PRESSURE. |
| 06/07/2017 | 1202 | 0.0 | Forced | Maintenance | 0 | 45 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/10/2017 | 0713 | 0.0 | Forced | Maintenance | 1 | 22 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/17/2017 | 1627 | 0.0 | Forced | Maintenance | 5 | 35 | UTILITY BREAKER 52U OPERATION. |
| 06/19/2017 | 0900 | 0.0 | Forced | Fuel Outage | 0 | 17 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/21/2017 | 0753 | 0.0 | Scheduled | Maintenance | 8 | 52 | SUBSTATION MAINTENANCE. |
| 06/23/2017 | 1330 | 0.0 | Scheduled | Maintenance | 0 | 57 | ENGINE MAINTENANCE - CHANGE OIL AND FILTERS. |
| 07/01/2017 | 1839 | 0.0 | Forced | Maintenance | 1 | 59 | ENGINE MAINTENANCE - SHUTDOWN DUE TO ENGINE CONTROL MODULE. |
| 07/04/2017 | 0119 | 0.0 | Forced | Maintenance | 1 | 23 | ENGINE MAINTENANCE - RIGHT HAND TURBO HIGH INLET TEMPERATURE. |
| 07/04/2017 | 1634 | 0.0 | Forced | Maintenance | 1 | 45 | ENGINE MAINTENANCE - RIGHT HAND TURBO HIGH INLET TEMPERATURE. |
| 07/05/2017 | 0401 | 0.0 | Forced | Fuel Outage | 5 | 33 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/11/2017 | 0912 | 0.0 | Scheduled | Maintenance | 2 | 45 | ENGINE MAINTENANCE. |
| 07/12/2017 | 1030 | 0.0 | Scheduled | Maintenance | 6 | 1 | FUEL SKID MAINTENANCE. |
| 07/12/2017 | 1649 | 0.0 | Scheduled | Maintenance | 1 | 10 | FUEL SKID MAINTENANCE. |
| 07/12/2017 | 1826 | 0.0 | Scheduled | Maintenance | 0 | 47 | FUEL SKID MAINTENANCE. |
| 07/14/2017 | 0914 | 0.0 | Scheduled | Maintenance | 4 | 12 | FUEL SKID MAINTENANCE. |
| 07/17/2017 | 0820 | 0.0 | Scheduled | Maintenance | 0 | 30 | ENGINE MAINTENANCE. |
| 07/17/2017 | 1056 | 0.0 | Forced | Maintenance | 0 | 33 | UTILITY BREAKER 52U OPERATION. |
| 07/18/2017 | 1940 | 0.0 | Forced | Maintenance | 0 | 6 | ENGINE MAINTENANCE. |
| 07/18/2017 | 2247 | 0.0 | Forced | Maintenance | 55 | 15 | ENGINE MAINTENANCE. |

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Unit 005

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 07/22/2017 | 1310 | 0.0 | Forced | Maintenance | 3 | 7 | ENGINE MAINTENANCE. |
| 07/22/2017 | 2009 | 0.0 | Forced | Fuel Outage | 2 | 42 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/25/2017 | 0611 | 0.0 | Scheduled | Maintenance | 35 | 0 | ENGINE MAINTENANCE. |
| 07/26/2017 | 1819 | 0.0 | Forced | Maintenance | 0 | 17 | FUEL SKID MAINTENANCE. |
| 07/27/2017 | 0937 | 0.0 | Forced | Maintenance | 1 | 51 | FUEL SKID MAINTENANCE. |
| 07/27/2017 | 1249 | 0.0 | Forced | Maintenance | 3 | 4 | FUEL SKID MAINTENANCE. |
| 07/30/2017 | 1923 | 0.0 | Forced | Maintenance | 2 | 19 | ENGINE MAINTENANCE. |
| 08/09/2017 | 0907 | 0.0 | Scheduled | Maintenance | 0 | 29 | ENGINE MAINTENANCE. |
| 08/17/2017 | 0959 | 0.0 | Scheduled | Maintenance | 0 | 9 | ENGINE MAINTENANCE. |
| 08/25/2017 | 1056 | 0.0 | Forced | Fuel Outage | 0 | 56 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/28/2017 | 0805 | 0.0 | Forced | Maintenance | 4 | 21 | ENGINE MAINTENANCE. |
| 08/28/2017 | 1233 | 0.0 | Forced | Maintenance | 0 | 29 | ENGINE MAINTENANCE. |
| 08/28/2017 | 1307 | 0.0 | Forced | Maintenance | 18 | 57 | ENGINE MAINTENANCE. |
| 08/30/2017 | 1101 | 0.0 | Scheduled | Maintenance | 0 | 57 | ENGINE MAINTENANCE. |
| 08/31/2017 | 1154 | 0.0 | Forced | Fuel Outage | 0 | 44 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/05/2017 | 0350 | 0.0 | Forced | Maintenance | 2 | 0 | ENGINE MAINTENANCE. |
| 09/05/2017 | 1456 | 0.0 | Scheduled | Maintenance | 1 | 20 | ENGINE MAINTENANCE. |
| 09/05/2017 | 1747 | 0.0 | Scheduled | Maintenance | 0 | 21 | ENGINE MAINTENANCE. |
| 09/05/2017 | 2212 | 0.0 | Forced | Fuel Outage | 2 | 13 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/06/2017 | 0042 | 0.0 | Forced | Maintenance | 7 | 13 | ELECTRICAL MAINTENANCE. |
| 09/06/2017 | 0806 | 0.0 | Forced | Maintenance | 2 | 53 | ELECTRICAL MAINTENANCE. |
| 09/06/2017 | 1540 | 0.0 | Scheduled | Maintenance | 0 | 21 | ENGINE MAINTENANCE. |
| 09/09/2017 | 0623 | 0.0 | Forced | Fuel Outage | 1 | 19 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/09/2017 | 1222 | 0.0 | Forced | Maintenance | 2 | 6 | UTILITY BREAKER 52U OPERATION. |
| 09/15/2017 | 0927 | 0.0 | Scheduled | Maintenance | 4 | 43 | ENGINE MAINTENANCE. |
| 09/15/2017 | 1417 | 0.0 | Forced | Maintenance | 4 | 12 | ENGINE MAINTENANCE. |
| 09/15/2017 | 1839 | 0.0 | Forced | Maintenance | 2 | 13 | ENGINE MAINTENANCE. |
| 09/24/2017 | 0458 | 0.0 | Forced | Maintenance | 2 | 8 | ENGINE MAINTENANCE. |
| 09/26/2017 | 0908 | 0.0 | Scheduled | Maintenance | 5 | 48 | FUEL SKID MAINTENANCE. |
| 09/28/2017 | 1527 | 0.0 | Forced | Maintenance | 1 | 36 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/28/2017 | 1708 | 0.0 | Forced | Maintenance | 0 | 16 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/01/2017 | 0204 | 0.0 | Forced | Maintenance | 1 | 39 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/02/2017 | 1742 | 0.0 | Forced | Maintenance | 1 | 12 | FUEL SKID MAINTENANCE. |
| 10/02/2017 | 2143 | 0.0 | Forced | Maintenance | 9 | 28 | FUEL SKID MAINTENANCE. |
| 10/03/2017 | 1004 | 0.0 | Forced | Maintenance | 0 | 10 | FUEL SKID MAINTENANCE. |
| 10/06/2017 | 0803 | 0.0 | Forced | Maintenance | 1 | 4 | UTILITY BREAKER 52U OPERATION. |
| 10/06/2017 | 0912 | 0.0 | Forced | Maintenance | 0 | 8 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/06/2017 | 0924 | 0.0 | Forced | Maintenance | 7 | 24 | ENGINE MAINTENANCE. |
| 10/09/2017 | 0703 | 0.0 | Forced | Maintenance | 1 | 18 | ENGINE MAINTENANCE. |

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Bavarian Landfill

Unit 005

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 10/11/2017 | 0800 | 0.0 | Scheduled | Maintenance | 0 | 26 | ENGINE MAINTENANCE. |
| 10/13/2017 | 1629 | 0.0 | Forced | Fuel Outage | 2 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/13/2017 | 1840 | 0.0 | Forced | Maintenance | 0 | 22 | ENGINE MAINTENANCE. |
| 10/16/2017 | 0920 | 0.0 | Scheduled | Maintenance | 3 | 58 | FUEL SKID MAINTENANCE. |
| 10/16/2017 | 1321 | 0.0 | Forced | Fuel Outage | 0 | 52 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/17/2017 | 0913 | 0.0 | Scheduled | Maintenance | 6 | 7 | FUEL SKID-MAINTENANCE. |
| 10/18/2017 | 0915 | 0.0 | Scheduled | Maintenance | 4 | 16 | FUEL SKID MAINTENANCE. |
| 10/18/2017 | 1343 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/18/2017 | 1412 | 0.0 | Forced | Maintenance | 0 | 49 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/23/2017 | 1008 | 0.0 | Scheduled | Maintenance | 0 | 46 | FUEL SKID MAINTENANCE. |
| 10/23/2017 | 1108 | 0.0 | Scheduled | Maintenance | 0 | 42 | FUEL SKID MAINTENANCE. |
| 10/23/2017 | 1212 | 0.0 | Scheduled | Maintenance | 1 | 22 | FUEL SKID MAINTENANCE. |
| 10/25/2017 | 1633 | 0.0 | Forced | Fuel Outage | 0 | 57 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/30/2017 | 0924 | 0.0 | Scheduled | Maintenance | 4 | 35 | FUEL SKID MAINTENANCE. |

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Hardin Co. Landfill

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 744 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 720 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 744 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 744 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 720 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 744 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Hardin Co. Landfill

Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/08/2017 | 0900 | 0.0 | Forced | Fuel Outage | 5 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/10/2017 | 1145 | 0.0 | Forced | Fuel Outage | 482 | 9 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/12/2017 | 1440 | 0.0 | Forced | Fuel Outage | 441 | 20 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 60 | 15 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/07/2017 | 2335 | 0.0 | Forced | Maintenance | 7 | 20 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/14/2017 | 1220 | 0.0 | Forced | Fuel Outage | 419 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 155 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/11/2017 | 0900 | 0.0 | Forced | Fuel Outage | 456 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/06/2017 | 1100 | 0.0 | Forced | Fuel Outage | 2 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/09/2017 | 1705 | 0.0 | Forced | Maintenance | 14 | 15 | UTILITY BREAKER 52U OPERATION. |
| 09/18/2017 | 0900 | 0.0 | Forced | Fuel Outage | 30 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/20/2017 | 0900 | 0.0 | Forced | Fuel Outage | 216 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/29/2017 | 1550 | 0.0 | Forced | Maintenance | 0 | 40 | UTILITY BREAKER 52U OPERATION. |
| 10/10/2017 | 2335 | 0.0 | Forced | Maintenance | 8 | 25 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/11/2017 | 0800 | 0.0 | Forced | Fuel Outage | 145 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/17/2017 | 1015 | 0.0 | Forced | Maintenance | 0 | 10 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 10/18/2017 | 0900 | 0.0 | Forced | Fuel Outage | 143 | 10 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Hardin Co. Landfill

Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 177 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/08/2017 | 1400 | 0.0 | Forced | Fuel Outage | 69 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/27/2017 | 1748 | 0.0 | Forced | Maintenance | 1 | 17 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/30/2017 | 1353 | 0.0 | Forced | Fuel Outage | 34 | 7 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 278 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/03/2017 | 1215 | 0.0 | Forced | Fuel Outage | 264 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/17/2017 | 0900 | 0.0 | Forced | Maintenance | 3 | 0 | FUEL SKID MAINTENANCE. |
| 07/28/2017 | 1334 | 0.0 | Scheduled | Maintenance | 1 | 0 | ENGINE MAINTENANCE. |
| 08/04/2017 | 0900 | 0.0 | Scheduled | Maintenance | 1 | 0 | FUEL SKID MAINTENANCE. |
| 08/07/2017 | 1100 | 0.0 | Forced | Fuel Outage | 94 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/30/2017 | 0900 | 0.0 | Forced | Fuel Outage | 39 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 417 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/19/2017 | 0955 | 0.0 | Forced | Fuel Outage | 4 | 50 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/19/2017 | 1540 | 0.0 | Forced | Fuel Outage | 18 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/20/2017 | 1330 | 0.0 | Forced | Maintenance | 0 | 15 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/27/2017 | 0201 | 0.0 | Forced | Maintenance | 5 | 29 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 09/29/2017 | 0900 | 0.0 | Forced | Fuel Outage | 39 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 248 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/17/2017 | 0900 | 0.0 | Forced | Fuel Outage | 24 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/24/2017 | 0810 | 0.0 | Forced | Fuel Outage | 149 | 30 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/30/2017 | 1500 | 0.0 | Forced | Fuel Outage | 33 | 0 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

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Pendleton Co. Landfill

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/30/2017 | 0921 | 0.0 | Forced | Fuel Outage | 38 | 39 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 301 | 53 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/13/2017 | 1411 | 0.0 | Forced | Maintenance | 0 | 13 | ELECTRICAL MAINTENANCE. |
| 06/13/2017 | 1436 | 0.0 | Forced | Fuel Outage | 42 | 32 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/18/2017 | 0902 | 0.0 | Forced | Maintenance | 0 | 24 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/19/2017 | 2341 | 0.0 | Forced | Maintenance | 8 | 46 | UTILITY BREAKER 52U OPERATION. |
| 06/28/2017 | 0914 | 0.0 | Forced | Fuel Outage | 62 | 46 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 129 | 4 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/11/2017 | 0817 | 0.0 | Forced | Maintenance | 0 | 36 | UTILITY BREAKER 52U OPERATION. |
| 07/11/2017 | 0854 | 0.0 | Forced | Maintenance | 0 | 3 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 07/11/2017 | 1034 | 0.0 | Forced | Maintenance | 1 | 54 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/18/2017 | 1136 | 0.0 | Forced | Fuel Outage | 5 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/18/2017 | 1737 | 0.0 | Forced | Fuel Outage | 18 | 32 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/22/2017 | 2018 | 0.0 | Forced | Maintenance | 2 | 12 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/22/2017 | 2241 | 0.0 | Forced | Maintenance | 0 | 26 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/23/2017 | 0027 | 0.0 | Forced | Fuel Outage | 215 | 33 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 247 | 53 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/15/2017 | 1017 | 0.0 | Forced | Fuel Outage | 383 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/11/2017 | 0922 | 0.0 | Forced | Fuel Outage | 165 | 43 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/18/2017 | 0819 | 0.0 | Forced | Fuel Outage | 5 | 7 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/04/2017 | 0845 | 0.0 | Forced | Maintenance | 0 | 25 | UTILITY BREAKER 52U OPERATION. |

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Pendleton Co. Landfill

Unit 002

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 9 | 20 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/15/2017 | 0656 | 0.0 | Forced | Fuel Outage | 145 | 26 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/21/2017 | 0838 | 0.0 | Forced | Maintenance | 0 | 20 | ENGINE MAINTENANCE. |
| 06/13/2017 | 1310 | 0.0 | Forced | Maintenance | 0 | 20 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/13/2017 | 1334 | 0.0 | Forced | Maintenance | 0 | 6 | ELECTRICAL MAINTENANCE. |
| 06/18/2017 | 0902 | 0.0 | Forced | Maintenance | 0 | 13 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/19/2017 | 2341 | 0.0 | Forced | Maintenance | 8 | 43 | UTILITY BREAKER 52U OPERATION. |
| 06/28/2017 | 1316 | 0.0 | Forced | Fuel Outage | 0 | 51 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/29/2017 | 0912 | 0.0 | Forced | Fuel Outage | 22 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/05/2017 | 0903 | 0.0 | Forced | Fuel Outage | 1 | 22 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/11/2017 | 0817 | 0.0 | Forced | Maintenance | 0 | 21 | UTILITY BREAKER 52U OPERATION. |
| 07/11/2017 | 1034 | 0.0 | Forced | Maintenance | 1 | 36 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/18/2017 | 1136 | 0.0 | Forced | Fuel Outage | 5 | 36 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/18/2017 | 1737 | 0.0 | Forced | Fuel Outage | 18 | 28 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/22/2017 | 2018 | 0.0 | Forced | Maintenance | 2 | 11 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/22/2017 | 2241 | 0.0 | Forced | Maintenance | 0 | 24 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/23/2017 | 0027 | 0.0 | Forced | Maintenance | 6 | 49 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 08/11/2017 | 0800 | 0.0 | Forced | Fuel Outage | 97 | 33 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/15/2017 | 0934 | 0.0 | Forced | Maintenance | 0 | 2 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/15/2017 | 0950 | 0.0 | Forced | Maintenance | 0 | 15 | ENGINE MAINTENANCE. |
| 09/18/2017 | 0648 | 0.0 | Forced | Fuel Outage | 305 | 12 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 252 | 53 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/19/2017 | 1024 | 0.0 | Scheduled | Maintenance | 2 | 48 | ENGINE MAINTENANCE. |

Production Management Reporting System



East Kentucky Power

Appendix B

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Pendleton Co. Landfill

Unit 003

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 1348 | 0.0 | Forced | Fuel Outage | 329 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/21/2017 | 0647 | 0.0 | Forced | Maintenance | 1 | 15 | RADIATOR MAINTENANCE. |
| 05/21/2017 | 0817 | 0.0 | Forced | Fuel Outage | 217 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/13/2017 | 1310 | 0.0 | Forced | Maintenance | 1 | 50 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/18/2017 | 0902 | 0.0 | Forced | Maintenance | 0 | 22 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/18/2017 | 0925 | 0.0 | Forced | Maintenance | 0 | 5 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/19/2017 | 2341 | 0.0 | Forced | Maintenance | 9 | 8 | UTILITY BREAKER 52U OPERATION. |
| 06/28/2017 | 1328 | 0.0 | Forced | Fuel Outage | 0 | 49 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/29/2017 | 2330 | 0.0 | Forced | Maintenance | 7 | 19 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 06/30/2017 | 0701 | 0.0 | Forced | Maintenance | 0 | 34 | ENGINE MAINTENANCE. |
| 07/05/2017 | 0903 | 0.0 | Forced | Fuel Outage | 363 | 18 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/20/2017 | 1237 | 0.0 | Forced | Fuel Outage | 67 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/11/2017 | 0724 | 0.0 | Forced | Maintenance | 0 | 10 | ENGINE MAINTENANCE. |
| 08/21/2017 | 0924 | 0.0 | Forced | Maintenance | 0 | 14 | ENGINE MAINTENANCE. |
| 08/29/2017 | 0402 | 0.0 | Forced | Fuel Outage | 29 | 16 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/01/2017 | 0800 | 0.0 | Forced | Fuel Outage | 241 | 18 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/11/2017 | 1441 | 0.0 | Forced | Maintenance | 0 | 14 | ENGINE MAINTENANCE. |
| 09/18/2017 | 0819 | 0.0 | Forced | Fuel Outage | 5 | 9 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/04/2017 | 0845 | 0.0 | Forced | Maintenance | 0 | 30 | UTILITY BREAKER 52U OPERATION. |
| 10/12/2017 | 1307 | 0.0 | Forced | Fuel Outage | 146 | 37 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/23/2017 | 2229 | 0.0 | Forced | Maintenance | 178 | 57 | ENGINE SHUTDOWN DUE TO DETONATION. |

Production Management Reporting System



East Kentucky Power

Appendix B

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Pendleton Co. Landfill

Unit 004

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0924 | 0.0 | Forced | Fuel Outage | 4 | 34 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/24/2017 | 0719 | 0.0 | Scheduled | Maintenance | 3 | 10 | ENGINE MAINTENANCE. |
| 05/24/2017 | 1209 | 0.0 | Forced | Maintenance | 1 | 10 | ENGINE MAINTENANCE. |
| 06/13/2017 | 1310 | 0.0 | Forced | Maintenance | 0 | 27 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/15/2017 | 0912 | 0.0 | Forced | Fuel Outage | 374 | 48 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/05/2017 | 0907 | 0.0 | Forced | Fuel Outage | 1 | 31 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/11/2017 | 0817 | 0.0 | Forced | Maintenance | 0 | 26 | UTILITY BREAKER 52U OPERATION. |
| 07/11/2017 | 1034 | 0.0 | Forced | Fuel Outage | 1 | 57 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/18/2017 | 1136 | 0.0 | Forced | Fuel Outage | 5 | 44 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/18/2017 | 1735 | 0.0 | Forced | Fuel Outage | 18 | 42 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 07/19/2017 | 1226 | 0.0 | Forced | Maintenance | 0 | 17 | ENGINE MAINTENANCE. |
| 07/22/2017 | 2218 | 0.0 | Forced | Maintenance | 0 | 14 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/22/2017 | 2241 | 0.0 | Forced | Maintenance | 0 | 30 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/23/2017 | 0027 | 0.0 | Forced | Maintenance | 7 | 0 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 08/07/2017 | 0947 | 0.0 | Forced | Maintenance | 0 | 23 | ELECTRICAL MAINTENANCE. |
| 08/07/2017 | 1011 | 0.0 | Forced | Maintenance | 0 | 21 | ENGINE SHUTDOWN DUE TO DETONATION. |
| 08/08/2017 | 0943 | 0.0 | Forced | Maintenance | 0 | 23 | ELECTRICAL MAINTENANCE. |
| 08/31/2017 | 0902 | 0.0 | Forced | Fuel Outage | 3 | 48 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 08/31/2017 | 1255 | 0.0 | Forced | Fuel Outage | 11 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/01/2017 | 0000 | 0.0 | Forced | Fuel Outage | 7 | 52 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/18/2017 | 0819 | 0.0 | Forced | Fuel Outage | 5 | 9 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/04/2017 | 0845 | 0.0 | Forced | Maintenance | 1 | 0 | UTILITY BREAKER 52U OPERATION. |
| 10/11/2017 | 1254 | 0.0 | Forced | Fuel Outage | 24 | 12 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/18/2017 | 1548 | 0.0 | Forced | Fuel Outage | 136 | 43 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |

Production Management Reporting System



East Kentucky Power

Appendix B

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Glasgow Landfill Gas

Unit 001

| Date | Time Off/On | Available MW | Forced or Scheduled | Status | Actual | | Cause or Reason |
|------------|-------------|--------------|---------------------|-------------|--------|---------|---|
| | | | | | Hours | Minutes | |
| 05/01/2017 | 0000 | 0.0 | Forced | Maintenance | 11 | 32 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 05/06/2017 | 1045 | 0.0 | Forced | Fuel Outage | 2 | 5 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/17/2017 | 0831 | 0.0 | Forced | Fuel Outage | 2 | 31 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 05/18/2017 | 1520 | 0.0 | Forced | Fuel Outage | 2 | 1 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 06/01/2017 | 0900 | 0.0 | Scheduled | Maintenance | 4 | 18 | ENGINE MAINTENANCE - TUNE UP, REPLACED PLUGS, ADJUST VALVES, CHANGED OIL AND FILTERS. |
| 06/05/2017 | 1945 | 0.0 | Forced | Maintenance | 1 | 50 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 06/15/2017 | 1130 | 0.0 | Forced | Maintenance | 2 | 30 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 07/09/2017 | 1745 | 0.0 | Forced | Maintenance | 2 | 15 | FUEL SKID MAINTENANCE - VFD FAULT. |
| 07/09/2017 | 2228 | 0.0 | Forced | Maintenance | 12 | 47 | FUEL SKID MAINTENANCE - VFD FAULT. |
| 07/13/2017 | 0900 | 0.0 | Scheduled | Maintenance | 3 | 40 | ENGINE MAINTENANCE. |
| 08/22/2017 | 0900 | 0.0 | Scheduled | Maintenance | 3 | 0 | ENGINE MAINTENANCE. |
| 08/25/2017 | 0325 | 0.0 | Forced | Fuel Outage | 11 | 40 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/01/2017 | 1145 | 0.0 | Forced | Maintenance | 2 | 10 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 09/05/2017 | 0625 | 0.0 | Forced | Maintenance | 2 | 20 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 09/06/2017 | 1010 | 0.0 | Forced | Maintenance | 5 | 20 | UTILITY BREAKER 52U OPERATION CAUSED BY STORMS. |
| 09/10/2017 | 1835 | 0.0 | Forced | Maintenance | 1 | 50 | UTILITY BREAKER 52U OPERATION. |
| 09/13/2017 | 0935 | 0.0 | Forced | Fuel Outage | 2 | 50 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 09/18/2017 | 1135 | 0.0 | Forced | Fuel Outage | 2 | 25 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/03/2017 | 1245 | 0.0 | Forced | Fuel Outage | 4 | 28 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |
| 10/10/2017 | 1017 | 0.0 | Scheduled | Maintenance | 5 | 1 | ENGINE MAINTENANCE. |
| 10/12/2017 | 0915 | 0.0 | Forced | Maintenance | 0 | 45 | UTILITY BREAKER 52U OPERATION. |
| 10/28/2017 | 1820 | 0.0 | Forced | Fuel Outage | 15 | 15 | RESERVED SHUTDOWN STATE DUE TO FUEL SUPPLY. |