

**OPERATING DATA REPORT**

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating: 850.00  
 2. Maximum Dependable Capacity (MWe-Net) 836.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	322,781.32
4. Number of Hours Generator On-line	744.00	5,087.00	319,293.50
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	623,776.00	4,312,278.00	254,113,676.24

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                    The Unit operated at or near full power for the entire month of July.

**OPERATING DATA REPORT**

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating:	850.00		
2. Maximum Dependable Capacity (MWe-Net)	836.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	323,525.32
4. Number of Hours Generator On-line	744.00	5,831.00	320,037.50
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	621,858.00	4,934,136.00	254,735,534.24

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The Unit operated at or near full power for the entire month of August.

**OPERATING DATA REPORT**

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	850.00		
2. Maximum Dependable Capacity (MWe-Net)	836.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	324,245.32
4. Number of Hours Generator On-line	720.00	6,551.00	320,757.50
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	600,521.00	5,534,657.00	255,336,055.24

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

The Unit operated at or near full power for the entire month of September.

**OPERATING DATA REPORT**

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating: 1032.00  
 2. Maximum Dependable Capacity (MWe-Net) 988.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	70.60	3,554.80	291,293.38
4. Number of Hours Generator On-line	59.75	3,543.95	288,371.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	50,645.00	3,502,331.00	263,700,277.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
2019-01	5/26/2019	F		684.25	A	4	Reactor Coolant Pump trip

**SUMMARY**

The Unit began the month of July offline. On July 29, 2019, the Unit was online. On July 30, 2019, the Unit was at or near full power. The Unit operated at or near full power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating:	1032.00		
2. Maximum Dependable Capacity (MWe-Net)	988.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,298.80	292,037.38
4. Number of Hours Generator On-line	744.00	4,287.95	289,115.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	730,936.00	4,233,267.00	264,431,213.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The Unit operated at or near full power for the entire month of August.

# OPERATING DATA REPORT

DOCKET: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 479-858-4438

1. Design Electrical Rating:	1032.00		
2. Maximum Dependable Capacity (MWe-Net)	988.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	720.00	720.00	5,018.80
4. Number of Hours Generator On-line	720.00	720.00	5,007.95
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	709,429.00	709,429.00	4,942,696.00
			<b>Cumulative</b>
			292,757.38
			289,835.73
			0.00
			265,140,642.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The Unit operated at or near full power for the entire month of September.

**OPERATING DATA REPORT**

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	963.00		
2. Maximum Dependable Capacity (MWe-Net)	908.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	295,597.60
4. Number of Hours Generator On-line	744.00	5,087.00	292,639.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	673,110.00	4,699,701.00	238,096,126.80

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

BVPS-1 operated at a nominal value of 100% for the entire month except for four (4) seasonal derates due to elevated ambient temperature causing operational limits to be reached.

**OPERATING DATA REPORT**

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	963.00		
2. Maximum Dependable Capacity (MWe-Net)	908.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	296,341.60
4. Number of Hours Generator On-line	744.00	5,831.00	293,383.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	679,368.00	5,379,069.00	238,775,494.80

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

BVPS-1 operated at a nominal value of 100% power for the entire month except for a seasonal derate on 8/18/19 due to high hotwell temperatures. End of Cycle Fuel Coastdown began on 8/24/19 at 0930 hours. Both of these are exempt from reporting under Generation Occurrences.



**OPERATING DATA REPORT**

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	963.00		
2. Maximum Dependable Capacity (MWe-Net)	908.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	297,061.60
4. Number of Hours Generator On-line	720.00	6,551.00	294,103.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	602,625.00	5,981,694.00	239,378,119.80

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY                      BVPS-1 continued with end of cycle fuel coastdown for the entire month ending the month at approximately 81.9% power.

**OPERATING DATA REPORT**

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	960.00		
2. Maximum Dependable Capacity (MWe-Net)	905.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	245,349.74
4. Number of Hours Generator On-line	744.00	5,087.00	244,283.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	671,134.00	4,668,411.00	204,563,588.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      BVPS-2 operated at 100% power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	960.00		
2. Maximum Dependable Capacity (MWe-Net)	905.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	246,093.74
4. Number of Hours Generator On-line	744.00	5,831.00	245,027.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	674,200.00	5,342,611.00	205,237,788.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      BVPS-2 operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: David T. Jones  
 PREPARER TELEPHONE: 724-682-4962

1. Design Electrical Rating:	960.00		
2. Maximum Dependable Capacity (MWe-Net)	905.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	246,813.74
4. Number of Hours Generator On-line	720.00	6,551.00	245,747.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,382.00	5,996,993.00	205,892,170.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY .BVPS-2 operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1268.00		
2. Maximum Dependable Capacity (MWe-Net)	1166.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	245,475.71
4. Number of Hours Generator On-line	744.00	5,087.00	244,273.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	859,610.00	6,138,798.00	277,828,245.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The unit operated at full power except for a Turbine Driven Feedwater Pump power supply repair 7/10 unplanned and a feedwater regulator valve ground repair 7/23 unplanned.

**OPERATING DATA REPORT**

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1268.00		
2. Maximum Dependable Capacity (MWe-Net)	1166.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	246,219.71
4. Number of Hours Generator On-line	744.00	5,831.00	245,017.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,388.00	7,023,186.00	278,712,633.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating: 1268.00  
 2. Maximum Dependable Capacity (MWe-Net) 1166.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	706.12	6,537.12	246,925.83
4. Number of Hours Generator On-line	697.58	6,528.58	245,714.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	775,876.00	7,799,062.00	279,488,509.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
A1F40	9/23/2019	F		22.42	A	3	U1 Reactor Trip on 1B Steam Generator Narrow Range Water Level Lo-2 due to possible air leak or transducer malfunction and subsequent failing close of 1FW520.

**SUMMARY**

The unit operated at full power until 9/18 when it entered coast down for the refuel outage. The unit tripped on 9/23 due to low level in the 1B SG. The unit returned to 90% power 9/24 - 27 and remained at 90% power the remainder of the month, resulting in a total of 82,830 Wh unplanned loss.

**OPERATING DATA REPORT**

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1241.00		
2. Maximum Dependable Capacity (MWe-Net)	1144.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	249,271.71
4. Number of Hours Generator On-line	744.00	5,087.00	248,353.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,816.00	5,973,118.00	278,501,450.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

The unit operated at full power for the entire month except for load following 7/26, 1126 MWh excluded loss.



**OPERATING DATA REPORT**

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1241.00		
2. Maximum Dependable Capacity (MWe-Net)	1144.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	250,015.71
4. Number of Hours Generator On-line	744.00	5,831.00	249,097.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,623.00	6,824,741.00	279,353,073.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

The unit operated at full power for the entire month except for a down power to perform maintenance on the B feedwater pump 8/9/19 resulting in 4790 MWh of unplanned losses.

**OPERATING DATA REPORT**

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1241.00		
2. Maximum Dependable Capacity (MWe-Net)	1144.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	250,735.71
4. Number of Hours Generator On-line	720.00	6,551.00	249,817.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	834,628.00	7,659,369.00	280,187,701.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The unit operated at full power the entire month, except for load following on September 3,9,10, and the 28th, totaling 2851 MWh excluded losses.

**OPERATING DATA REPORT**

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120.00		
2. Maximum Dependable Capacity (MWe-Net)	1101.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	158,905.74
4. Number of Hours Generator On-line	744.00	5,087.00	156,772.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	910,868.00	6,308,815.40	160,831,899.61

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120.00		
2. Maximum Dependable Capacity (MWe-Net)	1101.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	159,649.74
4. Number of Hours Generator On-line	744.00	5,831.00	157,516.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	896,705.70	7,205,521.10	161,728,605.31

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1101.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	160,369.74
4. Number of Hours Generator On-line	720.00	6,551.00	158,236.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,204.90	8,089,726.00	162,612,810.21

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120.00		
2. Maximum Dependable Capacity (MWe-Net)	1104.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,176.82	283,094.10
4. Number of Hours Generator On-line	744.00	4,147.50	279,596.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	897,555.00	4,529,578.40	290,304,835.81

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	
SUMMARY						N/A

**OPERATING DATA REPORT**

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1104.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,920.82	283,838.10
4. Number of Hours Generator On-line	744.00	4,891.50	280,340.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,423.70	5,410,002.10	291,185,259.51

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1104.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	482.52	5,403.34	284,320.62
4. Number of Hours Generator On-line	482.52	5,374.02	280,822.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	571,876.00	5,981,878.10	291,757,135.51

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
01	9/21/2019		S	237.48	B	1	U2 Midcycle Outage to perform condenser tube repairs and repair reactor feed pump oil leaks

SUMMARY N/A



**OPERATING DATA REPORT**

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1105.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,980.58	239,252.36
4. Number of Hours Generator On-line	744.00	4,961.30	237,052.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	910,763.00	6,137,159.40	251,291,464.04

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY N/A

# OPERATING DATA REPORT

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1105.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,724.58	239,996.36
4. Number of Hours Generator On-line	744.00	5,705.30	237,796.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	904,284.70	7,041,444.10	252,195,748.74

## UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	
SUMMARY						N/A

**OPERATING DATA REPORT**

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120.00  
 2. Maximum Dependable Capacity (MWe-Net) 1105.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,444.58	240,716.36
4. Number of Hours Generator On-line	720.00	6,425.30	238,516.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	883,874.70	7,925,318.80	253,079,623.44

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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SUMMARY N/A

**OPERATING DATA REPORT**

DOCKET: 325  
 UNIT\_NME: Brunswick Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	983.00		
2. Maximum Dependable Capacity (MWe-Net)	938.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,665.22	295,087.85
4. Number of Hours Generator On-line	744.00	4,630.78	289,635.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	703,797.00	4,371,455.00	240,662,603.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 325  
 UNIT\_NME: Brunswick Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	983.00		
2. Maximum Dependable Capacity (MWe-Net)	938.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,409.22	295,831.85
4. Number of Hours Generator On-line	744.00	5,374.78	290,379.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	702,525.00	5,073,980.00	241,365,128.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 325  
 UNIT\_NME: Brunswick Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 9108323006

1. Design Electrical Rating: 983.00  
 2. Maximum Dependable Capacity (MWe-Net) 938.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	647.58	6,056.80	296,479.43
4. Number of Hours Generator On-line	628.97	6,003.75	291,008.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	565,296.00	5,639,276.00	241,930,424.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
B1F22D	9/5/2019	F		91.03	H	1	Unscheduled shutdown due to Hurricane Dorian, excluded as Outside Management Control.

SUMMARY                      Shutdown due to Hurricane Dorian. B1F22D.

**OPERATING DATA REPORT**

DOCKET: 324  
 UNIT\_NME: Brunswick Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	980.00		
2. Maximum Dependable Capacity (MWe-Net)	932.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,138.48	304,245.01
4. Number of Hours Generator On-line	744.00	4,072.97	296,912.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	693,788.00	3,605,015.00	237,557,939.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 324  
 UNIT\_NME: Brunswick Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-832-3006

1. Design Electrical Rating:	980.00		
2. Maximum Dependable Capacity (MWe-Net)	932.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,882.48	304,989.01
4. Number of Hours Generator On-line	744.00	4,816.97	297,656.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	693,517.00	4,298,532.00	238,251,456.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY



**OPERATING DATA REPORT**

DOCKET: 324  
 UNIT\_NME: Brunswick Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 9108323006

1. Design Electrical Rating: 980.00  
 2. Maximum Dependable Capacity (MWe-Net) 932.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	678.03	5,560.51	305,667.04
4. Number of Hours Generator On-line	664.05	5,481.02	298,321.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	595,867.00	4,894,399.00	238,847,323.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
B2F24A	9/5/2019	F		55.95	H	1	Forced Outage due to Hurricane Dorian, excluded as Outside Management Control.

SUMMARY                      Shutdown due to Hurricane Dorian. B2F24A.

**OPERATING DATA REPORT**

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1213.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	267,575.41
4. Number of Hours Generator On-line	744.00	5,087.00	266,324.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,371.00	6,070,170.00	295,529,853.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: David M Johnson  
 PREPARER TELEPHONE: 1-779-231-2180

1. Design Electrical Rating: 1213.00  
 2. Maximum Dependable Capacity (MWe-Net) 1157.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	268,319.41
4. Number of Hours Generator On-line	744.00	5,831.00	267,068.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	877,901.00	6,948,071.00	296,407,754.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating: 1213.00  
 2. Maximum Dependable Capacity (MWe-Net) 1157.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	269,039.41
4. Number of Hours Generator On-line	720.00	6,551.00	267,788.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,888.00	7,797,959.00	297,257,642.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated at full power the entire month except for: Load following on Sept 3, 9, 26, and 29, for a total 1655 MWh excluded loss. Sept 15, isolation of a waterbox for a tube leak resulting 476 MWh unplanned loss.

**OPERATING DATA REPORT**

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1186.40		
2. Maximum Dependable Capacity (MWe-Net)	1127.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,722.85	260,406.83
4. Number of Hours Generator On-line	744.00	4,699.65	259,324.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,102.00	5,391,468.00	284,859,550.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: David M Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating: 1186.40  
 2. Maximum Dependable Capacity (MWe-Net) 1127.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,466.85	261,150.83
4. Number of Hours Generator On-line	744.00	5,443.65	260,068.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,625.00	6,249,093.00	285,717,175.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      The unit operated at full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1186.40		
2. Maximum Dependable Capacity (MWe-Net)	1127.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,186.85	261,870.83
4. Number of Hours Generator On-line	720.00	6,163.65	260,788.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	828,371.00	7,077,464.00	286,545,546.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      The unit operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228.00		
2. Maximum Dependable Capacity (MWe-Net)	1190.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,971.97	271,679.45
4. Number of Hours Generator On-line	744.00	3,931.38	268,950.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	888,716.20	4,733,746.28	308,671,373.78

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The plant operated at essentially 100% power during the month of July 2019. Losses due to a change in feedwater flow measurement accuracy that continued into Cycle 24 are included in the unplanned energy loss value.



**OPERATING DATA REPORT**

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228.00		
2. Maximum Dependable Capacity (MWe-Net)	1190.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,715.97	272,423.45
4. Number of Hours Generator On-line	744.00	4,675.38	269,694.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	901,936.00	5,635,682.28	309,573,309.78

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

The plant operated at essentially 100% power during the month of August 2019. Losses due to a change in feedwater flow measurement accuracy that continued into Cycle 24 are included in the unplanned energy loss value.

**OPERATING DATA REPORT**

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: J. P. Kovar  
 PREPARER TELEPHONE: 314-225-1478

1. Design Electrical Rating:	1228.00		
2. Maximum Dependable Capacity (MWe-Net)	1190.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,435.97	273,143.45
4. Number of Hours Generator On-line	720.00	5,395.38	270,414.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	864,090.00	6,499,772.28	310,437,399.78

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

The plant operated at essentially 100% power during the month of September 2019. Losses due to a change in feedwater flow measurement accuracy that continued into Cycle 24 are included in the unplanned energy loss value.

**OPERATING DATA REPORT**

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	877.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	321,203.09
4. Number of Hours Generator On-line	744.00	5,087.00	317,555.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	658,003.00	4,625,758.00	267,907,806.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated the entire month at 100% power.

**OPERATING DATA REPORT**

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 845.00  
 2. Maximum Dependable Capacity (MWe-Net) 877.10

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	321,947.09
4. Number of Hours Generator On-line	744.00	5,831.00	318,299.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	644,327.00	5,270,085.00	268,552,133.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated at 100% power with the following exceptions: CAL-1 8/4/2019 4007 MWh Waterbox Cleaning (Unplanned, ORLF Exempt) CAL-1 8/10/2019 4017 MWh Waterbox Cleaning (Unplanned, ORLF Exempt) CAL-1 8/17/2019 1176 MWh 14B Traveling Screen Repair (Unplanned)

**OPERATING DATA REPORT**

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	877.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	322,667.09
4. Number of Hours Generator On-line	720.00	6,551.00	319,019.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	639,986.00	5,910,071.00	269,192,119.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      The unit operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	855.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,475.81	315,451.51
4. Number of Hours Generator On-line	744.00	4,434.92	313,161.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,481.00	3,874,916.00	262,832,619.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated the entire month at 100% power.

# OPERATING DATA REPORT

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	855.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,219.81	316,195.51
4. Number of Hours Generator On-line	744.00	5,178.92	313,905.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	639,699.00	4,514,615.00	263,472,318.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated at 100% power with the following exceptions: CAL-2 8/5/2019 78 MWh 25B FWH NLCV Actuator Replacement (Unplanned)

**OPERATING DATA REPORT**

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	845.00		
2. Maximum Dependable Capacity (MWe-Net)	855.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,939.81	316,915.51
4. Number of Hours Generator On-line	720.00	5,898.92	314,625.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	624,678.00	5,139,293.00	264,096,996.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated the entire month at full power except for: 9/7/2019 481 MWh Turbine Valve Testing (Planned, ORLF Exempt)



**OPERATING DATA REPORT**

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: 803-701-3865

1. Design Electrical Rating: 1190.00  
 2. Maximum Dependable Capacity (MWe-Net) 1160.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	261,484.46
4. Number of Hours Generator On-line	744.00	5,087.00	259,137.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,593.00	5,966,558.00	292,612,435.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Catawba Unit 1 began and concluded the month of July 2019 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

**OPERATING DATA REPORT**

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: (803) 701-3865

1. Design Electrical Rating: 1190.00  
 2. Maximum Dependable Capacity (MWe-Net) 1160.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	262,228.46
4. Number of Hours Generator On-line	744.00	5,831.00	259,881.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,311.00	6,827,869.00	293,473,746.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Catawba Unit 1 began and concluded the month of August 2019 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

**OPERATING DATA REPORT**

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: 803-701-3865

1. Design Electrical Rating: 1190.00  
 2. Maximum Dependable Capacity (MWe-Net) 1160.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	262,948.46
4. Number of Hours Generator On-line	720.00	6,551.00	260,601.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,078.00	7,658,947.00	294,304,824.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b> <b>F: Forced</b> <b>S: Scheduled</b>	<b>Duration</b> <b>(Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of</b> <b>Shutting</b> <b>Down<sup>2</sup></b>	<b>Cause - Corrective Action</b> <b>Comments</b>
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**SUMMARY**

Catawba Unit 1 began the month of September 2019 operating at or near 100% Full Power. At 0957 on 9/7/19, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 97.5% Full Power at 1013 on 9/7/19. At 1222 on 9/7/19, Main Turbine C/V Movement Testing was aborted due to pressure switch CMPS6781 failure, and power escalation was commenced from 97.5% Full Power. 100% Full Power was subsequently reached at 1712 on 9/7/19. At 0116 on 9/14/19, power reduction from 100% Full Power was commenced for the diversion of Unit 1 Main Steam to Unit 2 Aux Steam in support of Unit 2 Shutdown (for C2R23 Refueling Outage). Power reduction was halted at 98% Full Power at 0244 on 9/14/19. At 1505 on 9/14/19, power escalation was commenced from 98% Full Power. 100% Full Power was subsequently reached at 0000 on 9/15/19. At 2045 on 9/21/19, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 98.5% Full Power at 2120 on 9/21/19. At 0018 on 9/22/19, power escalation was commenced from 98.5% Full Power. 100% Full Power was subsequently reached at 0116 on 9/22/19, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: 803-701-3865

1. Design Electrical Rating: 1180.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	255,394.51
4. Number of Hours Generator On-line	744.00	5,087.00	253,486.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	844,515.00	5,881,908.00	286,546,786.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Catawba Unit 2 began the month of July 2019 operating at or near 100% Full Power. At 0849 on 7/28/19, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing. Power reduction was halted at 87% Full Power at 1015 on 7/28/19. At 1124 on 7/28/19, power escalation was commenced from 87% Full Power. 100% Full Power was subsequently reached at 1802 on 7/28/19, and Unit 2 operated at or near 100% Full Power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: (803) 701-3865

1. Design Electrical Rating: 1180.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	256,138.51
4. Number of Hours Generator On-line	744.00	5,831.00	254,230.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	834,343.00	6,716,251.00	287,381,129.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Catawba Unit 2 began the month of August 2019 operating at or near 100% Full Power. At 0614 on 8/22/19, power reduction from 100% Full Power commenced per end of cycle (2EOC23) Power Coastdown. Unit 2 concluded the month operating at 93.0% Full Power, with coastdown still in progress.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Douglas Brunson  
 PREPARER TELEPHONE: 8037013865

1. Design Electrical Rating: 1180.00  
 2. Maximum Dependable Capacity (MWe-Net) 1150.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	316.78	6,147.78	256,455.29
4. Number of Hours Generator On-line	316.40	6,147.40	254,547.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	313,507.00	7,029,758.00	287,694,636.00

## UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	
C2R23	9/14/2019	S	403.60	C	1	Refueling

### SUMMARY

Catawba Unit 2 began the month of September 2019 operating at 93% Full Power, with C2R23 Power Coastdown in progress. At 0358 on 9/11/19, power reduction was halted at 87% Full Power for performance of Main Steam Safety Valve (MSSV) Testing. At 2238 on 9/12/19, following completion of MSSV Testing, power reduction was commenced from 87% Full Power. per C2R23 Power Coastdown. Power reduction was halted at 85.5% Full Power at 2303 on 9/12/19. Power reduction for C2R23 Refueling Outage Unit Shutdown was commenced from 85.5% Full Power at 2002 on 9/13/19. Power reduction was suspended at 15% Full Power at 0413, and the Turbine Generator subsequently taken offline, at 0424 on 9/14/19. At 0440 on 9/14/19, power reduction was commenced from 9% Full Power. Mode 2 was entered at 0441 and power reduction was terminated at 0% Full Power at 0446 on 9/14/19. Mode 3 was entered at 0447 on 9/14/19. Mode 4 was entered at 0849, with Mode 5 subsequently entered at 1217 on 9/14/19. Mode 6 was entered at 0456 on 9/18/19. No Mode was entered with completion of Core Unload at 1939 on 9/21/19. Mode 6 was reentered with commencement of Core Reload at 1910 on 9/26/19, and Unit 2 remained in Mode 6 for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating:	1062.00		
2. Maximum Dependable Capacity (MWe-Net)	1022.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	227,467.60
4. Number of Hours Generator On-line	744.00	5,087.00	224,147.87
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	792,711.00	5,458,278.00	219,365,308.89

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

The unit operated at full power for the entire month except for a planned/exempt rod line adjustment 7/14/2019.

**OPERATING DATA REPORT**

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 1022.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	681.25	5,768.25	228,148.85
4. Number of Hours Generator On-line	638.32	5,725.32	224,786.19
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	651,766.00	6,110,044.00	220,017,074.89

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
C1F62	8/3/2019	F	105.68	A	3	Repair TDRFP B

**SUMMARY**

The unit operated at full power the entire month except for a forced outage due to a FW Pp Trip 8/3/19, 145,763 MWh unplanned loss, Rod line adjustment due to outage 8/10/19, 256 MWh unplanned/exempt loss, and a planned sequence exchange 8/24/19, 516 MWh planned/exempt loss.



**OPERATING DATA REPORT**

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 779-231-2180

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 1022.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	363.15	6,131.40	228,512.00
4. Number of Hours Generator On-line	361.13	6,086.45	225,147.32
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	376,196.00	6,486,240.00	220,393,270.89

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	
C1R19	9/16/2019	S	358.87	C	1	None

**SUMMARY**

The unit operated at full power the entire month except for: 9/1/2019 rod pattern adjustment, 206 MWh Planned/Exempt loss. 9/11/2019 the unit entered coast down, 9/15/2019 the unit was ramped off line for the refuel outage resulting in 9091 MWh Planned/Exempt losses. 9/16/2019 the unit entered a refuel outage, 397624.3 MWh Planned/RFO, and remained shut down for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1174.00		
2. Maximum Dependable Capacity (MWe-Net)	1131.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,180.70	249,613.24
4. Number of Hours Generator On-line	744.00	4,097.32	244,789.53
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	838,342.00	4,634,025.00	255,027,675.01

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

## SUMMARY

Columbia operated at 100% during the month of July except for a downpower to 72% to recover a tripped feedwater heater (Not Exempt).

**OPERATING DATA REPORT**

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1174.00		
2. Maximum Dependable Capacity (MWe-Net)	1131.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,924.70	250,357.24
4. Number of Hours Generator On-line	744.00	4,841.32	245,533.53
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	848,354.00	5,482,379.00	255,876,029.01

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Columbia operated at 100% power through the entire month of August 2019.

**OPERATING DATA REPORT**

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Darla Johnson  
 PREPARER TELEPHONE: 509-377-4570

1. Design Electrical Rating:	1174.00		
2. Maximum Dependable Capacity (MWe-Net)	1131.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,644.70	251,077.24
4. Number of Hours Generator On-line	720.00	5,561.32	246,253.53
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	822,885.00	6,305,264.00	256,698,914.01

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Columbia operated at 100% power except for a downpower to 95% due to a condensate level control valve opening during air line maintenance (Unplanned, Not Exempt), and a downpower to 70% for control rod sequence exchange (Planned, Exempt).

**OPERATING DATA REPORT**

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating: 1218.00  
 2. Maximum Dependable Capacity (MWe-Net) 1205.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,253.15	230,771.16
4. Number of Hours Generator On-line	744.00	4,222.57	229,558.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	899,732.00	4,991,736.00	261,273,809.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 1 began the month at 100% reactor, 1260 MWe turbine power. Unit 1 ended the month at 100% reactor, 1255 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating:	1218.00		
2. Maximum Dependable Capacity (MWe-Net)	1205.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,997.15	231,515.16
4. Number of Hours Generator On-line	744.00	4,966.57	230,302.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	897,199.00	5,888,935.00	262,171,008.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 1 began the month at 100% reactor, 1255 MWe turbine power. 08/01/2019 lowered turbine power 7 MWe from 1255 to 1248 MWe due to 1-HV-2417B - HP TURB CTRL VLV 1-11 BEF SEAT DRN VLV failing full open. Unit returned to full power same day. 08/07/2019 Lowered Turbine 5 Mwe to support TDAFWP testing. Unit 1 ended the month at 100% reactor, 1255 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating: 1218.00  
 2. Maximum Dependable Capacity (MWe-Net) 1205.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,717.15	232,235.16
4. Number of Hours Generator On-line	720.00	5,686.57	231,022.40
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	870,934.00	6,759,869.00	263,041,942.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 1 began the month at 100% reactor, 1255 MWe turbine power. 09/20/2019 09:08 Operators lowered power 1.5 Mwe from 1255 Mwe to 1253.5 Mwe for ETP-110A Reactive Load Lagging. Unit returned to 100% same day at 11:01. Unit 1 ended the month at 100% reactor, 1260 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating: 1207.00  
 2. Maximum Dependable Capacity (MWe-Net) 1195.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,686.69	208,555.24
4. Number of Hours Generator On-line	744.00	4,632.89	207,639.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	890,434.00	5,538,965.00	238,239,081.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 began the month at 100% reactor, 1247 MWe turbine power. 07/02/2019 Lowered Turbine 5 Mwe to support TDAFWP testing. Unit 2 ended the month at 100% reactor, 1242 MWe turbine power.



**OPERATING DATA REPORT**

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating: 1207.00  
 2. Maximum Dependable Capacity (MWe-Net) 1195.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,430.69	209,299.24
4. Number of Hours Generator On-line	744.00	5,376.89	208,383.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	887,476.00	6,426,441.00	239,126,557.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 began the month at 100% reactor, 1242 MWe turbine power. 08/29/2019 Lowered Turbine 5 Mwe to support TDAFWP testing. Unit 2 ended the month at 100% reactor, 1242 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: D. Sean Mills  
 PREPARER TELEPHONE: (254)897-5106

1. Design Electrical Rating: 1207.00  
 2. Maximum Dependable Capacity (MWe-Net) 1195.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,150.69	210,019.24
4. Number of Hours Generator On-line	720.00	6,096.89	209,103.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	860,878.00	7,287,319.00	239,987,435.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 began the month at 100% reactor, 1243 MWe turbine power. 09/28/2019 09:03 Operators lowered power 5 Mwe from 1246 Mwe to 1241 Mwe to support ETP-110B - REACTIVE LOAD LAGGING TEST. Unit was returned to 100% power same day at 11:37. Unit 2 ended the month at 100% reactor, 1248 MWe turbine power.

**OPERATING DATA REPORT**

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,553.80	286,872.80
4. Number of Hours Generator On-line	744.00	3,534.60	283,689.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	761,376.00	3,528,799.00	276,301,993.40

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY	None
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**OPERATING DATA REPORT**

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1084.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,297.80	287,616.80
4. Number of Hours Generator On-line	744.00	4,278.60	284,433.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	764,700.00	4,293,499.00	277,066,693.40

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY	None
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**OPERATING DATA REPORT**

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating: 1084.00  
 2. Maximum Dependable Capacity (MWe-Net) 1030.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,017.80	288,336.80
4. Number of Hours Generator On-line	720.00	4,998.60	285,153.75
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	724,452.00	5,017,951.00	277,791,145.40

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      Unplanned downpower to 54% RTP due to unisolatable leak on West Main Feedpump casing begin on 9/29/19 at 1:52.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating: 1194.00  
 2. Maximum Dependable Capacity (MWe-Net) 1168.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	667.35	5,010.35	271,512.21
4. Number of Hours Generator On-line	655.70	4,998.70	266,995.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	734,265.00	5,981,987.00	277,305,127.60

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
243	7/21/2019	F	88.30	A	2	Forced outage to investigate NESW strainer elevated dP, Rx/Gen trip 7/21/2019 08:26, Rx critical 7/24/2019 13:05, Gen parallel 7/25/2019 00:44

SUMMARY

Forced outage to investigate NESW strainer elevated dP, Rx/Gen trip 7/21/2019 08:26, Rx critical 7/24/2019 13:05, Gen parallel 7/25/2019 00:44

**OPERATING DATA REPORT**

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: K.Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating:	1194.00		
2. Maximum Dependable Capacity (MWe-Net)	1168.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,754.35	272,256.21
4. Number of Hours Generator On-line	744.00	5,742.70	267,739.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	864,986.00	6,846,973.00	278,170,113.60

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY	None
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**OPERATING DATA REPORT**

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: K. Kohn  
 PREPARER TELEPHONE: 269-465-5901

1. Design Electrical Rating: 1194.00  
 2. Maximum Dependable Capacity (MWe-Net) 1168.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,474.35	272,976.21
4. Number of Hours Generator On-line	720.00	6,462.70	268,459.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	744,054.00	7,591,027.00	278,914,167.60

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

U2C25 Planned refueling outage coastdown began on 9/9/2019 at 20:00. Downpower for TREVI testing began on 9/29/2019 at 19:44. Power hold for TREVI testing began on 9/30/2019 at 05:30 and continued through the end of the month.



**OPERATING DATA REPORT**

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Reg West  
 PREPARER TELEPHONE: 402-825-5434

1. Design Electrical Rating:	815.00		
2. Maximum Dependable Capacity (MWe-Net)	768.88		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	325,389.88
4. Number of Hours Generator On-line	744.00	5,087.00	321,819.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	577,309.00	4,029,773.42	229,894,440.89

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      None for this reporting period.

**OPERATING DATA REPORT**

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: David Montgomery  
 PREPARER TELEPHONE: 402-825-2934

1. Design Electrical Rating:	815.00		
2. Maximum Dependable Capacity (MWe-Net)	768.88		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	326,133.88
4. Number of Hours Generator On-line	744.00	5,831.00	322,563.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	578,535.00	4,608,308.42	230,472,975.89

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      None for this reporting period.

**OPERATING DATA REPORT**

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: David Montgomery  
 PREPARER TELEPHONE: 402-825-2934

1. Design Electrical Rating: 815.00  
 2. Maximum Dependable Capacity (MWe-Net) 768.88

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	326,853.88
4. Number of Hours Generator On-line	720.00	6,551.00	323,283.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	568,007.00	5,176,315.42	231,040,982.89

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      None for this reporting period.

**OPERATING DATA REPORT**

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	894.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,045.20	268,901.04
4. Number of Hours Generator On-line	744.00	5,033.85	265,354.24
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	671,001.00	4,575,331.00	227,060,761.40

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit remained at approximately full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	894.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,789.20	269,645.04
4. Number of Hours Generator On-line	744.00	5,777.85	266,098.24
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	673,168.00	5,248,499.00	227,733,929.40

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    The unit remained at approximately full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: G. R. Munyan  
 PREPARER TELEPHONE: 330-436-1394

1. Design Electrical Rating: 908.00  
 2. Maximum Dependable Capacity (MWe-Net) 894.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	661.77	6,450.97	270,306.81
4. Number of Hours Generator On-line	646.45	6,424.30	266,744.69
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	572,934.00	5,821,433.00	228,306,863.40

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>	<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced S: Scheduled</b>				
2	9/7/2019	F	73.55	A	3	Automatic Turbine/Reactor trip occurred during Main Turbine Stop Valve Testing

**SUMMARY**

On September 7, 2019, at 1309 hours during testing of the Main Turbine Stop Valves, Stop Valve 4 unexpectedly stroked closed while Valve 2 was being tested. The Anticipatory Reactor Trip System actuated, automatically tripping the Reactor. The Reactor was taken critical on September 9, 2019 at 2323 hours, and the Main Generator was synchronized on September 10, 2019 at 1442 hours. Full power operations was attained on September 11, 2019 at 1047 hours, and the plant remained at approximately 100% power the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: R Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating:	1138.00		
2. Maximum Dependable Capacity (MWe-Net)	1122.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,257.47	268,163.39
4. Number of Hours Generator On-line	744.00	4,213.24	265,931.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,033.00	4,735,932.00	285,811,777.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

Diablo Canyon Unit 1 operated at approximately 100 percent reactor power for the month of July 2019.

**OPERATING DATA REPORT**

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Rama Thatipamalal  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1138.00  
 2. Maximum Dependable Capacity (MWe-Net) 1122.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,001.47	268,907.39
4. Number of Hours Generator On-line	744.00	4,957.24	266,675.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	848,901.00	5,584,833.00	286,660,678.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Diablo Canyon Unit 1 operated at approximately 100 percent reactor power for the month of August 2019, other than the power was reduced to 88% on 8/24/2019 for Main Turbine Control Valve Test.



**OPERATING DATA REPORT**

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: R.Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating:	1138.00		
2. Maximum Dependable Capacity (MWe-Net)	1122.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,721.47	269,627.39
4. Number of Hours Generator On-line	720.00	5,677.24	267,395.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	818,752.00	6,403,585.00	287,479,430.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

Diablo Canyon Unit 1 operated at approximately 100 percent reactor power for the month of September 2019.

**OPERATING DATA REPORT**

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: R Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating:	1151.00		
2. Maximum Dependable Capacity (MWe-Net)	1118.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	264,892.00
4. Number of Hours Generator On-line	744.00	5,087.00	262,822.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,985.00	5,650,773.00	283,354,883.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

Diablo Canyon Unit 2 operated at approximately 100 percent reactor power for the month of July 2019.

**OPERATING DATA REPORT**

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Rama Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1151.00  
 2. Maximum Dependable Capacity (MWe-Net) 1118.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	265,636.00
4. Number of Hours Generator On-line	744.00	5,831.00	263,566.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,670.00	6,482,443.00	284,186,553.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

Diablo Canyon Unit 2 operated at approximately 100 percent reactor power for the month of August 2019.

**OPERATING DATA REPORT**

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: R. Thatipamala  
 PREPARER TELEPHONE: 8055454231

1. Design Electrical Rating: 1151.00  
 2. Maximum Dependable Capacity (MWe-Net) 1118.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	504.03	6,335.03	266,140.03
4. Number of Hours Generator On-line	504.02	6,335.02	264,070.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	554,729.00	7,037,172.00	284,741,282.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
1	9/22/2019		S	215.98	C	1	No corrective action related to the shutdown are noted.

**SUMMARY**

Diablo Canyon Unit 2 began refueling outage 21 on September 22, 2019.

**OPERATING DATA REPORT**

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	894.00		
2. Maximum Dependable Capacity (MWe-Net)	870.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,027.23	354,475.17
4. Number of Hours Generator On-line	744.00	5,014.08	345,009.36
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	673,862.00	4,573,045.00	259,227,573.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 operated at full power for the entire month except for a Sequence Exchange, 2230.5 MWh Planned/Exempt loss.

**OPERATING DATA REPORT**

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	894.00		
2. Maximum Dependable Capacity (MWe-Net)	870.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,771.23	355,219.17
4. Number of Hours Generator On-line	744.00	5,758.08	345,753.36
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	659,517.00	5,232,562.00	259,887,090.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

## SUMMARY

Unit 2 operated at full power the entire month except for: 8/3/19 18:00 Sequence Exchange, 3500 MWh (Planned/Exempt)  
 8/14/19 21:00 Refuel Outage Coastdown, 13761 MWh (Excluded)

**OPERATING DATA REPORT**

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	894.00		
2. Maximum Dependable Capacity (MWe-Net)	870.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,491.23	355,939.17
4. Number of Hours Generator On-line	720.00	6,478.08	346,473.36
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	576,619.00	5,809,181.00	260,463,709.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 is in Coastdown for Refuel Outage, 87655.00 MWh (Excluded)

**OPERATING DATA REPORT**

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	879.00		
2. Maximum Dependable Capacity (MWe-Net)	869.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	342,547.90
4. Number of Hours Generator On-line	744.00	5,087.00	333,910.32
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	672,867.00	4,664,926.00	250,968,890.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 3 had downpower on 7/26/2019, due to Load Following, 44 MW, Excluded.



**OPERATING DATA REPORT**

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	879.00		
2. Maximum Dependable Capacity (MWe-Net)	869.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	343,291.90
4. Number of Hours Generator On-line	744.00	5,831.00	334,654.32
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	674,299.00	5,339,225.00	251,643,189.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 3 operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	879.00		
2. Maximum Dependable Capacity (MWe-Net)	869.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	344,011.90
4. Number of Hours Generator On-line	634.88	6,465.88	335,289.20
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	562,063.00	5,901,288.00	252,205,252.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
D3F52	9/24/2019	F	85.12	A	5	Reference IR 4281463, and task 08 for root cause analysis.

**SUMMARY**

Unit 3 operated at full power the entire month except for: 9/7/2019, Sequence Exchange, 275.9 MWh Planned/Exempt  
 9/23/19, Maintenance Outage due MP Oil Leak 94894.5 MWh Unplanned/Unexempt

**OPERATING DATA REPORT**

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.90		
2. Maximum Dependable Capacity (MWe-Net)	601.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,049.90	330,413.10
4. Number of Hours Generator On-line	744.00	5,038.75	325,245.52
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	441,330.10	3,014,135.80	167,563,944.19

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The major generation losses in July of 2019 were planned and were associated with the quarterly downpower for a control rod sequence exchange and surveillances, as well as the subsequent loadline adjustments to achieve full power. A small planned loss was a derate to perform a surveillance on the High Pressure Coolant Injection system. A small unplanned loss was associated with the isolation of the Hydrogen Water Chemistry system.

**OPERATING DATA REPORT**

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.90		
2. Maximum Dependable Capacity (MWe-Net)	601.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,793.90	331,157.10
4. Number of Hours Generator On-line	744.00	5,782.75	325,989.52
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	445,597.90	3,459,733.70	168,009,542.09

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

The only generation loss for August of 2019 was for a planned loadline adjustment on August 22.

**OPERATING DATA REPORT**

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating: 621.90  
 2. Maximum Dependable Capacity (MWe-Net) 601.60

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,513.90	331,877.10
4. Number of Hours Generator On-line	720.00	6,502.75	326,709.52
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	429,336.80	3,889,070.50	168,438,878.89

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

There were three unplanned derates in September due to a leak on CV-1056, MSR Drain Tank 1T-92A DRAIN TO FW HEATER 1E-6A. Two were to re-inject in an attempt to stop the leak, and one was to remove second stage reheat from service. Planned losses included a loadline adjustment.

**OPERATING DATA REPORT**

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 13348144617

1. Design Electrical Rating:	854.00		
2. Maximum Dependable Capacity (MWe-Net)	874.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,952.30	315,693.06
4. Number of Hours Generator On-line	744.00	4,930.45	312,457.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,616.00	4,337,856.00	256,878,440.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Maintained app. 100% power throughout the month of July.

**OPERATING DATA REPORT**

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating:	854.00		
2. Maximum Dependable Capacity (MWe-Net)	874.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,696.30	316,437.06
4. Number of Hours Generator On-line	744.00	5,674.45	313,201.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,298.00	4,990,154.00	257,530,738.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY App 100% power. No generation losses

# OPERATING DATA REPORT

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating: 854.00  
 2. Maximum Dependable Capacity (MWe-Net) 874.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	679.92	6,376.22	317,116.98
4. Number of Hours Generator On-line	679.92	6,354.37	313,881.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	592,277.00	5,582,431.00	258,123,015.00

## UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
240	9/29/2019	S	40.08	C	1	Refueling outage

**SUMMARY**

Ramped Unit 1 down to app. 97% for pre-outage testing / ramped back to app. 100% power / ramped down, and commenced 1R29 outage



**OPERATING DATA REPORT**

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 13348144617

1. Design Electrical Rating:	855.00		
2. Maximum Dependable Capacity (MWe-Net)	883.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,486.40	298,994.92
4. Number of Hours Generator On-line	744.00	4,458.03	296,195.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,672.00	3,913,321.00	245,877,945.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY Ramped U2 down to app. 86% reactor power due to the loss of 18 cooling tower fans, and condenser vacuum degrading.

**OPERATING DATA REPORT**

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating:	855.00		
2. Maximum Dependable Capacity (MWe-Net)	883.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,230.40	299,738.92
4. Number of Hours Generator On-line	744.00	5,202.03	296,939.52
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	656,910.00	4,570,231.00	246,534,855.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY Ramped down to app. 98.9% power due to loss of IPC (used for calorimetric calculations)

# OPERATING DATA REPORT

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: David M. Treadwell  
 PREPARER TELEPHONE: 1-334-814-4617

1. Design Electrical Rating: 855.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	689.47	5,919.87	300,428.39
4. Number of Hours Generator On-line	681.32	5,883.35	297,620.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	584,604.00	5,154,835.00	247,119,459.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
161	9/21/2019	F	38.68	A	2	High vibration indication on reactor coolant pump

SUMMARY                      Manually tripped Unit 2 due to reactor coolant pump high vibrations / ramped the unit back to app. 100% power

**OPERATING DATA REPORT**

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-5408

1. Design Electrical Rating: 1150.00  
 2. Maximum Dependable Capacity (MWe-Net) 1094.90

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	226,756.77
4. Number of Hours Generator On-line	744.00	5,070.05	221,327.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	829,265.00	5,717,687.00	229,326,484.92

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      The unit operated at full power the entire month with no exceptions other than minor power changes for surveillance testing.

**OPERATING DATA REPORT**

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-5408

1. Design Electrical Rating:	1150.00		
2. Maximum Dependable Capacity (MWe-Net)	1095.70		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	227,500.77
4. Number of Hours Generator On-line	744.00	5,814.05	222,071.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	834,317.00	6,552,004.00	230,160,801.92

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

The unit operated at full power the entire month with no exceptions.

**OPERATING DATA REPORT**

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: E. Sorg  
 PREPARER TELEPHONE: 734-586-5408

1. Design Electrical Rating: 1150.00  
 2. Maximum Dependable Capacity (MWe-Net) 1095.70

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	228,220.77
4. Number of Hours Generator On-line	720.00	6,534.05	222,791.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	806,150.00	7,358,154.00	230,966,951.92

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated at full power the entire month with the following exceptions: --9/6/19 2100 to 9/7/19 0314: Planned downpower to 69% reactor power for rod pattern adjustment. --9/8/19 2100 to 9/8/19 2210: Planned downpower to 86% reactor power for rod pattern adjustment.

**OPERATING DATA REPORT**

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Michael Muldoon  
 PREPARER TELEPHONE: 315-326-2264

1. Design Electrical Rating:	816.00		
2. Maximum Dependable Capacity (MWe-Net)	813.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	318,802.71
4. Number of Hours Generator On-line	744.00	5,087.00	312,601.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	611,923.00	4,276,780.00	241,755,098.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

There were no losses in the month of July and the net output was 611,923 MWhrs

**OPERATING DATA REPORT**

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Michael Muldoon  
 PREPARER TELEPHONE: 315-326-2264

1. Design Electrical Rating: 816.00  
 2. Maximum Dependable Capacity (MWe-Net) 813.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	319,546.71
4. Number of Hours Generator On-line	744.00	5,831.00	313,345.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	609,101.00	4,885,881.00	242,364,199.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

There were no losses in the month of August and the net output was 609,101 MWHrs



**OPERATING DATA REPORT**

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	816.00		
2. Maximum Dependable Capacity (MWe-Net)	813.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	320,266.71
4. Number of Hours Generator On-line	720.00	6,551.00	314,065.06
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	601,322.00	5,487,203.00	242,965,521.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

The Station began the month of September at full power. There were no losses in the month of and the net output was 601,322 MWHrs The Station ended the month of September at full power.

**OPERATING DATA REPORT**

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	585.00		
2. Maximum Dependable Capacity (MWe-Net)	560.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,047.48	377,370.11
4. Number of Hours Generator On-line	744.00	5,040.17	373,779.83
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	418,815.00	2,882,065.00	183,553,010.07

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    The unit operated the entire month at 100% power.

**OPERATING DATA REPORT**

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	585.00		
2. Maximum Dependable Capacity (MWe-Net)	560.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,791.48	378,114.11
4. Number of Hours Generator On-line	744.00	5,784.17	374,523.83
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	420,587.00	3,302,652.00	183,973,597.07

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    The unit operated the entire month at full power.

**OPERATING DATA REPORT**

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 585.00  
 2. Maximum Dependable Capacity (MWe-Net) 560.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,511.48	378,834.11
4. Number of Hours Generator On-line	720.00	6,504.17	375,243.83
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	411,409.00	3,714,061.00	184,385,006.07

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

The unit operated the entire month at full power except for: 9/27/2019 76 MWh AFW Testing (Planned, ORLF Exempt)

**OPERATING DATA REPORT**

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating:	1485.00		
2. Maximum Dependable Capacity (MWe-Net)	1428.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,902.70	263,917.84
4. Number of Hours Generator On-line	744.00	4,824.70	257,972.14
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	1,038,408.00	6,601,422.00	311,214,392.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

During the month of July 2019, GGNS had (1) planned, exempt loss totaling 9,514 MWe. The planned, exempt loss was due to a rod pattern adjustment.

**OPERATING DATA REPORT**

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Michael Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating:	1485.00		
2. Maximum Dependable Capacity (MWe-Net)	1428.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,646.70	264,661.84
4. Number of Hours Generator On-line	744.00	5,568.70	258,716.14
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	1,045,640.00	7,647,062.00	312,260,032.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

GGNS did not have any planned or unplanned losses for the month of August 2019.

**OPERATING DATA REPORT**

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Michael Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating:	1485.00		
2. Maximum Dependable Capacity (MWe-Net)	1428.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,366.70	265,381.84
4. Number of Hours Generator On-line	720.00	6,288.70	259,436.14
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	943,061.00	8,590,123.00	313,203,093.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

During the month of September, GGNS had (2) planned energy losses totaling 74,565 MWe. The first planned loss was due to Plant Service Water Pump degradation issues. The Plant notified the grid of the power reduction >20% to remove the pump from service and the grid accepted the date for power reduction. The planned, non-exempt loss totaled 59,945 MWe. The second planned loss was for rod pattern improvement following the power reduction. The rod pattern improvement was a planned, exempt loss of 14,620 MWe.

**OPERATING DATA REPORT**

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating:	992.00		
2. Maximum Dependable Capacity (MWe-Net)	964.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	252,959.39
4. Number of Hours Generator On-line	744.00	5,087.00	251,327.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	708,692.00	4,977,695.00	223,206,256.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      There were no generation loss events for July, 2019.



**OPERATING DATA REPORT**

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating:	992.00		
2. Maximum Dependable Capacity (MWe-Net)	964.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	253,703.39
4. Number of Hours Generator On-line	744.00	5,831.00	252,071.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	710,988.00	5,688,683.00	223,917,244.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    There were no generation loss events in August, 2019.

**OPERATING DATA REPORT**

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 919-362-2679

1. Design Electrical Rating: 992.00  
 2. Maximum Dependable Capacity (MWe-Net) 964.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	254,423.39
4. Number of Hours Generator On-line	720.00	6,551.00	252,791.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	687,739.00	6,376,422.00	224,604,983.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      End of cycle coastdown to refueling outage 22 began during the month of September. No unplanned losses were incurred.

**OPERATING DATA REPORT**

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,974.68	326,932.57
4. Number of Hours Generator On-line	744.00	4,951.68	319,675.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	653,171.00	4,352,207.00	251,070,530.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY                      Reactor power was reduced to ~96% rated thermal power for Turbine Valve Testing.

**OPERATING DATA REPORT**

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,718.68	327,676.57
4. Number of Hours Generator On-line	744.00	5,695.68	320,419.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	650,349.00	5,002,556.00	251,720,879.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

UNIT 1 Main Turbine Bypass Valve testing on 8/10/19. There were no significant (>20% rated thermal power) power change events this month.

**OPERATING DATA REPORT**

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	885.00		
2. Maximum Dependable Capacity (MWe-Net)	876.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,438.68	328,396.57
4. Number of Hours Generator On-line	720.00	6,415.68	321,139.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,821.00	5,633,377.00	252,351,700.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

UNIT 1 Main Turbine Bypass Valve testing on 9/07/19 to 9/08/19. There were no significant (>20% rated thermal power) power change events this month.

**OPERATING DATA REPORT**

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating: 908.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,968.51	301,419.27
4. Number of Hours Generator On-line	744.00	3,885.05	296,058.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,916.00	3,333,994.00	236,926,755.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Reactor power was reduced to ~96% rated thermal power for Turbine Valve Testing. Unit 2 on 6/29/19 reduced power due to a recirc runback on reactor water level and returned to 100% RTP on 7/3/19.

**OPERATING DATA REPORT**

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating:	908.00		
2. Maximum Dependable Capacity (MWe-Net)	883.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,712.51	302,163.27
4. Number of Hours Generator On-line	744.00	4,629.05	296,802.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	649,355.00	3,983,349.00	237,576,110.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      There were no significant (>20% rated thermal power) power change events this month.

**OPERATING DATA REPORT**

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Tiffany Carlin  
 PREPARER TELEPHONE: 912-366-2000

1. Design Electrical Rating: 908.00  
 2. Maximum Dependable Capacity (MWe-Net) 883.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	603.77	5,316.28	302,767.04
4. Number of Hours Generator On-line	579.05	5,208.10	297,381.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	450,790.00	4,434,139.00	238,026,900.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
02	9/25/2019	F		140.95	B	1	Shutdown for feedwater check valve repair.

**SUMMARY**

Reactor power was reduced to ~50% rated thermal power to fix a leak on the 2A reactor feed pump turbine on 9/12/19. Reactor power was returned to rated thermal power on 09/17/2019. Reactor power was reduced and the unit taken offline to complete corrective maintenance 09/24/2019 and is still ongoing.



# OPERATING DATA REPORT

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating: 1237.00  
 2. Maximum Dependable Capacity (MWe-Net) 1172.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,003.67	255,131.56
4. Number of Hours Generator On-line	744.00	4,981.72	251,109.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,490.00	5,914,620.00	272,309,409.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

The month began with the unit online and the reactor critical at 94% CTP One (1) planned power change greater than 15% occurred in July 2019 A downpower from 96% to 80% commenced on 7/11/19 at 20:00 for rod pattern adjustment. Power was stabilized at 80% on 7/11/19 at 22:55. Power ascension commenced on 7/11/19 at 23:54. Hope Creek returned to 100% CTP on 7/12/19 at 10:50 Zero (0) unplanned power changes greater than 15% occurred in July 2019 The month ended with the unit online and the reactor critical at 93.4% CTP The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

# OPERATING DATA REPORT

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating: 1237.00  
 2. Maximum Dependable Capacity (MWe-Net) 1172.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	709.92	5,713.59	255,841.48
4. Number of Hours Generator On-line	699.67	5,681.39	251,809.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	709,677.00	6,624,297.00	273,019,086.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
HC-F-19-01	8/3/2019	F	44.33	A	2	On 8/3/19 at 19:11, Hope Creek entered HC.OP-AB.RPV-0001 REACTOR POWER condition B for emergency power reduction due to Degrading Condenser Vacuum. On 8/3/19 at 19:47, Hope Creek Reactor manually scrammed due to 6.5"HgA on 'C' Main Condenser Shell. The unit was operating at 93% CTP prior to the initial transient. Prompt Investigation 20821919 identified that DA-HV-2173 Cooling Tower Bypass Valve opened resulting in degraded vacuum. DA-HV-2173 was subsequently able to be shut from the main control room. The reactor was made critical on 8/5/19 at 5:52. The breaker was closed on 8/5/19 at 16:07. The unit stabilized at max core flow (coastdown) on 8/6/19 at 18:00. The mechanism that caused DA-HV-2173 to open with no demand is unknown and will be investigated under ACE 70208707

### SUMMARY

The month began with the unit online and the reactor critical at 93% CTP One (1) unit shutdown with reactor shutdown occurrences in August 2019 On 8/3/19 at 19:11, Hope Creek entered HC.OP-AB.RPV-0001 REACTOR POWER condition B for emergency power reduction due to Degrading Condenser Vacuum. On 8/3/19 at 19:47, Hope Creek Reactor manually scrammed due to 6.5"HgA on 'C' Main Condenser Shell. The unit was operating at 93% CTP prior to the initial transient. Prompt Investigation 20821919 identified that DA-HV-2173 Cooling Tower Bypass Valve opened resulting in degraded vacuum. DA-HV-2173 was subsequently able to be shut from the main control room. The reactor was made critical on 8/5/19 at 5:52. The breaker was closed on 8/5/19 at 16:07. The unit stabilized at max core flow (coastdown) on 8/6/19 at 18:00. The mechanism that caused DA-HV-2173 to open with no demand is unknown and will be investigated under ACE 70208707 Three(3) planned power changes greater than 15% occurred in August 2019 A downpower from 75.6% to 60.3% commenced on 8/7/19 at 6:56 for rod pattern adjustment. Power was stabilized at 60.3% on 8/7/19 at 8:00. Power ascension commenced on 8/7/19 at 9:25. Hope Creek achieved max core flow (coastdown) on 8/7/19 at 22:10. A downpower from 87% to 70% commenced on 8/8/19 at 10:06 to remove 6A and 6B feedwater heater from service for final feedwater temperature reduction (FFWTR). Power was stabilized at 70% on 8/8/19 at 11:34. Power ascension commenced on 8/8/19 at 12:18. Hope Creek achieved max core flow (coastdown) on 8/9/19 at 0:48. A downpower from 90.0% to 71.9% commenced on 8/9/19 at 13:00 to remove 6C and 5A feedwater heater from service for final feedwater temperature reduction (FFWTR). Power was stabilized at 71.9% on 8/9/19 at 13:35. Power ascension commenced on 8/9/19 at 15:01. Hope Creek achieved max core flow (coastdown) on 8/10/19 at 5:10. Zero (0) unplanned power changes greater than 15% occurred in August 2019 The month ended with the unit online and the reactor critical at 86.5% CTP The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

**OPERATING DATA REPORT**

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Timothy M Gingerich  
 PREPARER TELEPHONE: 856 931 0523

1. Design Electrical Rating: 1237.00  
 2. Maximum Dependable Capacity (MWe-Net) 1172.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,433.59	256,561.48
4. Number of Hours Generator On-line	720.00	6,401.39	252,529.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	666,580.00	7,290,877.00	273,685,666.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The month began with the unit online and the reactor critical at 86.5% CTP Zero (0) planned power changes greater than 15% occurred in September 2019 One (1) unplanned power change greater than 15% occurred in September 2019 A downpower from 86% to 60% commenced on 9/3/19 at 15:55. In response to a report from Site Protection of smoke coming from 'D' Circ Water pump motor, Operations emergency tripped 'D' Circ Water pump resulting in A & B Rx Recirc pump intermediate runbacks (Notification #20831825). Final power following the runback was 60% on 9/3/19 at 16:05. Power ascension commenced on 9/3/19 at 20:00. Hope Creek achieved max core flow (coastdown) on 9/4/19 5:30. Downpower was Unplanned per NEI The month ended with the unit online and the reactor critical at 76.5% CTP The SRVs were not challenged by any over pressurization events or transients that would have required the valves to respond automatically.

**OPERATING DATA REPORT**

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1035.00		
2. Maximum Dependable Capacity (MWe-Net)	998.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,675.70	310,372.79
4. Number of Hours Generator On-line	744.00	4,628.90	305,589.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,612.60	4,674,741.00	279,205,388.08

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Indian Point Unit 2 was online for the entire month of July producing a gross generation of 760,949.60 MWHrs and a net generation of 735,612.60 MWHrs. The unit had 53.2 MWHrs in planned exempt energy losses due to backwashes and no unplanned energy losses for the entire month.

**OPERATING DATA REPORT**

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1035.00		
2. Maximum Dependable Capacity (MWe-Net)	998.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,419.70	311,116.79
4. Number of Hours Generator On-line	744.00	5,372.90	306,333.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	734,260.90	5,409,001.90	279,939,648.98

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Indian Point Unit 2 was online for the entire month of August producing a gross generation of 759,668.90 MWHrs and a net generation of 734,260.90 MWHrs. The unit had 2,008 MWHrs in planned exempt energy losses due to backwashes/water box repair and no unplanned energy losses for the entire month.

**OPERATING DATA REPORT**

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating: 1035.00  
 2. Maximum Dependable Capacity (MWe-Net) 998.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,139.70	311,836.79
4. Number of Hours Generator On-line	720.00	6,092.90	307,053.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	720,522.90	6,129,524.80	280,660,171.88

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Indian Point Unit 2 was online for the entire month of September producing a gross generation of 745,214.9 MWHrs and a net generation of 720,522.9 MWHrs. The unit had 529 MWHrs in planned exempt energy losses due to backwashes and turbine stop/control valve testing and there were no unplanned energy losses for the entire month.

**OPERATING DATA REPORT**

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating: 1048.00  
 2. Maximum Dependable Capacity (MWe-Net) 1030.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,401.23	281,711.49
4. Number of Hours Generator On-line	744.00	4,381.55	278,122.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	767,178.23	4,521,479.53	265,953,740.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Indian Point Unit 3 was online for the entire month of July. The unit had 78.0 MWHrs in planned exempt energy losses due to backwashes and no unplanned energy losses for the entire month. The unit produced a gross generation of 792,488.23 MWHrs and a net generation of 767,178.23 MWHrs.

**OPERATING DATA REPORT**

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating:	1048.00		
2. Maximum Dependable Capacity (MWe-Net)	1030.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,145.23	282,455.49
4. Number of Hours Generator On-line	744.00	5,125.55	278,866.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	763,833.78	5,285,313.31	266,717,574.46

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Indian Point Unit 3 was online for the entire month of August and had 588.6 MWHrs in planned exempt energy losses due to backwashes/water box repair and no unplanned energy losses for the entire month. The unit produced a gross generation of 789,404.78 MWHrs and a net generation of 763,833.78 MWHrs.



**OPERATING DATA REPORT**

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: Katherine Sanchez  
 PREPARER TELEPHONE: 914-254-6876

1. Design Electrical Rating: 1048.00  
 2. Maximum Dependable Capacity (MWe-Net) 1030.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,865.23	283,175.49
4. Number of Hours Generator On-line	720.00	5,845.55	279,586.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	747,417.80	6,032,731.11	267,464,992.26

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Indian Point Unit 3 was online for the entire month of September and had 14.0 MWHrs in planned exempt energy losses, all due to backwashes. There were no unplanned energy losses for the entire month. The unit produced a gross generation of 772,282.8 MWHrs and a net generation of 747,417.8 MWHrs.

**OPERATING DATA REPORT**

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	255,329.16
4. Number of Hours Generator On-line	744.00	5,087.00	252,471.41
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	839,198.00	5,900,711.00	271,370,214.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 1 operated at or near full power for the entire month.

**OPERATING DATA REPORT**

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	256,073.16
4. Number of Hours Generator On-line	744.00	5,831.00	253,215.41
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	841,360.00	6,742,071.00	272,211,574.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Unit 1 operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 1178.00  
 2. Maximum Dependable Capacity (MWe-Net) 1111.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	256,793.16
4. Number of Hours Generator On-line	720.00	6,551.00	253,935.41
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	821,260.00	7,563,331.00	273,032,834.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

Unit 1 operated at full power the entire month except for: 9/14/19 Sequence Exchange, 2176.34 MWh planned/exempt

**OPERATING DATA REPORT**

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,637.97	246,763.11
4. Number of Hours Generator On-line	744.00	4,617.19	245,199.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,981.00	5,156,958.00	265,036,909.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 2 had a downpower on 7/24/19, perform maintenance on 22C MSIV, 11387 MWe, unplanned. Unit 2 operated at or near full power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	1178.00		
2. Maximum Dependable Capacity (MWe-Net)	1111.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,381.97	247,507.11
4. Number of Hours Generator On-line	744.00	5,361.19	245,943.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,458.00	6,003,416.00	265,883,367.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 1 operated at full power the entire month.

**OPERATING DATA REPORT**

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 1178.00  
 2. Maximum Dependable Capacity (MWe-Net) 1111.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,101.97	248,227.11
4. Number of Hours Generator On-line	720.00	6,081.19	246,663.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	822,816.00	6,826,232.00	266,706,183.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 operated at full power the entire month except for: 9/7/19 Sequence Exchange, 2630.8 MWh planned/exempt 9/29/19 Advanced Nuclear Dispatch, 2252.59 MWh excluded loss 9/30/19 Advanced Nuclear Dispatch, 188.76 MWh excluded loss

**OPERATING DATA REPORT**

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: J Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1099.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	270,011.78
4. Number of Hours Generator On-line	744.00	5,087.00	267,321.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	842,550.00	5,903,270.50	291,018,331.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 1 began the month of July 2019 at 100.0% of rated thermal power (RTP). On July 31st at 09:44 hours, reactor power was reduced from 99.9% to 99.2% RTP for planned HPCI PV&F testing. Power was restored at 11:23 hours. Unit 1 ended the month of July 2019 at 99.9% RTP.



**OPERATING DATA REPORT**

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1099.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	270,755.78
4. Number of Hours Generator On-line	744.00	5,831.00	268,065.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,678.00	6,752,948.50	291,868,009.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

## SUMMARY

Unit 1 began the month of August 2019 at 99.9% of rated thermal power (RTP). Unit 1 ended the month of August 2019 at 100.0% RTP.

**OPERATING DATA REPORT**

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1099.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	271,475.78
4. Number of Hours Generator On-line	720.00	6,551.00	268,785.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	798,971.00	7,551,919.50	292,666,980.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 1 began the month of September 2019 at 100.0% of rated thermal power (RTP). On September 10th at 15:01 hours, reactor power was reduced from 100.0% to 98.9% RTP for planned control rod notching. Power was restored at 15:15 hours. On September 13th at 21:03 hours, reactor power was reduced from 99.8% to 61.3 RTP for planned post summer readiness load drop. Power was restored on September 17th at 04:04 hours. On September 18th at 04:04 hours, reactor power was reduced from 99.9% to 82.7 RTP for planned control rod pattern adjustment. Power was restored at 15:30 hours. Unit 1 ended the month of September 2019 at 99.9% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: J Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1108.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,590.30	244,980.21
4. Number of Hours Generator On-line	744.00	4,498.87	242,309.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,901.00	4,983,902.50	268,948,859.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

Unit 2 began the month of July 2019 at 100.0% of rated thermal power (RTP). On July 10th at 10:36 hours, reactor power was reduced from 100.0% to 99.5% RTP for planned HPCI PV&F testing. Power was restored at 22:03 hours. On July 19th at 17:26 hours, reactor power was reduced from 99.8% to 98.2% RTP for environmental reasons due to high condenser backpressure. Power was restored at 13:53 hours. On July 20th at 16:43 hours, reactor power was reduced from 100.0% to 98.5% RTP for environmental reasons due to high condenser backpressure. Power was restored at 22:11 hours. On July 21st at 14:39 hours, reactor power was reduced from 100.0% to 97.5% RTP for environmental reasons due to high condenser backpressure. Power was restored at 23:46 hours. Unit 2 ended the month of July 2019 at 99.9% RTP.

**OPERATING DATA REPORT**

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1205.00		
2. Maximum Dependable Capacity (MWe-Net)	1108.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,334.30	245,724.21
4. Number of Hours Generator On-line	744.00	5,242.87	243,053.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,995.00	5,837,897.50	269,802,854.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

## SUMMARY

Unit 2 began the month of August 2019 at 99.9% of rated thermal power (RTP). Unit 2 ended the month of August 2019 at 99.9% RTP.

**OPERATING DATA REPORT**

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating: 1205.00  
 2. Maximum Dependable Capacity (MWe-Net) 1108.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,054.30	246,444.21
4. Number of Hours Generator On-line	720.00	5,962.87	243,773.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	830,105.00	6,668,002.50	270,632,959.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 began the month of September 2019 at 99.9% of rated thermal power (RTP). On September 2nd at 22:02 hours, reactor power was reduced from 100.0% to 96.1% RTP for planned HCU maintenance. Power was restored at 22:23 hours. On September 7th at 22:01 hours, reactor power was reduced from 99.9% to 80.8 RTP for planned post summer readiness load drop. Power was restored on September 8th at 12:47 hours. Unit 2 ended the month of September 2019 at 100.0% RTP.

**OPERATING DATA REPORT**

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Jeff Thomas  
 PREPARER TELEPHONE: 980-875-4499

1. Design Electrical Rating:	1199.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,484.87	276,817.01
4. Number of Hours Generator On-line	744.00	4,349.90	274,998.98
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	868,159.00	4,936,178.00	303,708,389.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

**SUMMARY**

Unit 1 began the month of July at ~99.5% RTP. At 0730 on 7/29/2019, Unit 1 turbine drain valves opened due to a solenoid valve failure and reactor power began to increase to ~99.6%. At 0810 on 7/29/2019, Unit 1 was at ~99.6% RTP when operators responded to the transient and began to lower reactor power to ~98.6%. At 0850 on 7/29/2019, Unit 1 was at ~98.6% RTP. Following repair of the drain valves, at 0432 on 07/31/2019, the valves closed and reactor power began to decrease to ~98.0% RTP. At 0450 on 07/30/2019, Unit 1 was at ~98.0% RTP. At 1117 on 7/30/2019, Unit 1 began power increase to ~99.5% RTP. At 1555 on 07/30/2019, Unit 1 was at ~99.5% RTP. At 0905 on 7/31/2019, Unit 1 began power decrease to ~99.0% RTP. At 1100 on 07/31/2019, Unit 1 at ~99.0% RTP. At 1349 on 07/31/2019, Unit 1 began power increase to ~99.5% RTP. At 1700 on 07/31/2019, Unit 1 was at ~99.5% RTP. Unit 1 remained at ~99.5% RTP for the rest of July.

**OPERATING DATA REPORT**

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Jeff Thomas  
 PREPARER TELEPHONE: 980-875-4499

1. Design Electrical Rating:	1199.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,228.87	277,561.01
4. Number of Hours Generator On-line	744.00	5,093.90	275,742.98
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	869,487.00	5,805,665.00	304,577,876.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 1 began the month of August, 2019 in Mode 1 ~99.5% RTP. Operations held RTP around 99.5% due to thermal power best estimate (TPBE) oscillations. These oscillations were driven by 1CM-85 (Gland Steam Condenser Bypass Valve) issues. At 16:23 on 8/14/19, Unit 1 began load increase to ~100% RTP following 1CM-85 adjustments. On 8/15/19 at 13:31, Unit 1 secured load increase at ~100% RTP. Unit 1 remained ~100% RTP for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Jeff Thomas  
 PREPARER TELEPHONE: 980-875-4499

1. Design Electrical Rating:	1199.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,948.87	278,281.01
4. Number of Hours Generator On-line	720.00	5,813.90	276,462.98
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,467.00	6,647,132.00	305,419,343.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 1 operated at ~100% RTP for the month of September, 2019.



**OPERATING DATA REPORT**

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Jeff Thomas  
 PREPARER TELEPHONE: 980-875-4499

1. Design Electrical Rating:	1187.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	270,445.12
4. Number of Hours Generator On-line	744.00	5,087.00	268,681.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	867,861.00	6,011,905.00	302,602,680.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 operated at ~100% RTP for the month of July, 2019.

**OPERATING DATA REPORT**

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Jeff Thomas  
 PREPARER TELEPHONE: 980-875-4499

1. Design Electrical Rating:	1187.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	271,189.12
4. Number of Hours Generator On-line	744.00	5,831.00	269,425.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	862,701.00	6,874,606.00	303,465,381.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 operated at ~100% RTP for the month of August, 2019.

**OPERATING DATA REPORT**

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Jeff Thomas  
 PREPARER TELEPHONE: 980-875-4499

1. Design Electrical Rating:	1187.00		
2. Maximum Dependable Capacity (MWe-Net)	1158.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	271,909.12
4. Number of Hours Generator On-line	720.00	6,551.00	270,145.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	835,825.00	7,710,431.00	304,301,206.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

Unit 2 operated at ~100% RTP for the month of September, 2019.

**OPERATING DATA REPORT**

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Patrick Campell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 877.20  
 2. Maximum Dependable Capacity (MWe-Net) 869.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	282,652.66
4. Number of Hours Generator On-line	744.00	5,008.87	276,313.73
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	631,911.10	4,158,262.00	232,258,124.37

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>		<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>					

**SUMMARY**

Millstone Unit 2 operated at or near 100% power from the beginning of the month until July 25th, 2019. On July 25th, 2019 at 2200 hours the unit commenced decreasing power to 70% to perform Feedwater Heater Drain repairs on 2-HD-262 and to perform turbine control valve testing. On July 26th, 2019 at 0104 hours the unit reached 68.5% power. On July 26th, 2019 at 1514 hours the unit commenced a return to 100% power following the completion of Feedwater Heater Drain repairs and turbine control valve testing. On July 26th, 2019 at 1941 hours the unit reached 100% power. The unit operated at or near 100% power for the remainder of the month.

**OPERATING DATA REPORT**

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 877.20  
 2. Maximum Dependable Capacity (MWe-Net) 869.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	283,396.66
4. Number of Hours Generator On-line	744.00	5,752.87	277,057.73
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	634,521.00	4,792,783.00	232,892,645.37

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

Millstone Unit 2 operated at or near 100% power throughout the month of August 2019.

**OPERATING DATA REPORT**

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 877.20  
 2. Maximum Dependable Capacity (MWe-Net) 869.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	284,116.66
4. Number of Hours Generator On-line	720.00	6,472.87	277,777.73
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	614,331.20	5,407,114.20	233,506,976.57

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY Millstone Unit 2 operated at or near 100% power throughout the month of September 2019.

**OPERATING DATA REPORT**

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 1229.00  
 2. Maximum Dependable Capacity (MWe-Net) 1210.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,320.69	236,815.90
4. Number of Hours Generator On-line	744.00	4,292.92	234,510.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	909,403.60	5,209,218.10	269,650,949.04

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

Millstone Unit 3 operated at or near 100% power throughout the month of July 2019.

**OPERATING DATA REPORT**

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 1229.00  
 2. Maximum Dependable Capacity (MWe-Net) 1210.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,064.69	237,559.90
4. Number of Hours Generator On-line	744.00	5,036.92	235,254.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	905,198.60	6,114,416.70	270,556,147.64

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Millstone Unit 3 operated at or near 100% power from the beginning of the month until August 9th, 2019. On August 9th, 2019 at 0808 hours the unit commenced decreasing power to 95% to perform turbine control valve testing. On August 9th, 2019 at 0847 hours the unit reached 95% power. On August 9th, 2019 at 1120 hours the unit commenced a return to 100% power. On August 9th, 2019 at 1528 hours the unit reached 100% power. The unit operated at or near 100% power for the remainder of the month.



**OPERATING DATA REPORT**

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: Patrick Campbell  
 PREPARER TELEPHONE: 860-447-1791 ext. 2456

1. Design Electrical Rating: 1229.00  
 2. Maximum Dependable Capacity (MWe-Net) 1210.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,784.69	238,279.90
4. Number of Hours Generator On-line	720.00	5,756.92	235,974.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	875,380.00	6,989,796.70	271,431,527.64

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

Millstone Unit 3 operated at or near 100% power throughout the month of September 2019.

**OPERATING DATA REPORT**

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.30		
2. Maximum Dependable Capacity (MWe-Net)	628.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,373.58	360,360.53
4. Number of Hours Generator On-line	744.00	4,350.72	355,835.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	469,176.00	2,575,431.00	192,436,292.30

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

## SUMMARY

There were 3 unplanned environmental downpowers between 7/15/19 and 7/19/19. The first two went to 90% power, the third went to 80% power.

**OPERATING DATA REPORT**

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.30		
2. Maximum Dependable Capacity (MWe-Net)	628.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,117.58	361,104.53
4. Number of Hours Generator On-line	744.00	5,094.72	356,579.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	473,507.00	3,048,938.00	192,909,799.30

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The reactor was operated at 100% power the entire month.

**OPERATING DATA REPORT**

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Kevin Austin  
 PREPARER TELEPHONE: 763-271-5875

1. Design Electrical Rating:	656.30		
2. Maximum Dependable Capacity (MWe-Net)	628.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,837.58	361,824.53
4. Number of Hours Generator On-line	720.00	5,814.72	357,299.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	463,668.00	3,512,606.00	193,373,467.30

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

There was one planned downpower to 75% on 9/14/19 for quarterly valve testing and sequence exchange.

**OPERATING DATA REPORT**

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	613.00		
2. Maximum Dependable Capacity (MWe-Net)	565.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,074.47	341,802.80
4. Number of Hours Generator On-line	744.00	3,974.10	336,415.37
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	444,677.00	2,333,076.00	194,014,356.76

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    The unit operated the entire month at 100% power.

**OPERATING DATA REPORT**

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 613.00  
 2. Maximum Dependable Capacity (MWe-Net) 565.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,818.47	342,546.80
4. Number of Hours Generator On-line	744.00	4,718.10	337,159.37
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	440,998.00	2,774,074.00	194,455,354.76

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated at full power with the following exceptions: NMP-1 8/4/2019 241 MWh Reactor Recirc. Pump MG 11 Trip (Unplanned) NMP-1 8/6/2019 74 MWh Reactor Recirc. Pump 11 Restart (Unplanned)

**OPERATING DATA REPORT**

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating:	613.00		
2. Maximum Dependable Capacity (MWe-Net)	565.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,538.47	343,266.80
4. Number of Hours Generator On-line	720.00	5,438.10	337,879.37
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	437,555.00	3,211,629.00	194,892,909.76

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

## SUMMARY

The unit operated the entire month at full power except: 9/11/2019 73 MWh FWH 115 Tripped (Unplanned) 9/14/2019 61 MWh Turbine Valve Testing (Planned, ORLF Exempt)

**OPERATING DATA REPORT**

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 1299.90  
 2. Maximum Dependable Capacity (MWe-Net) 1276.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	239,956.31
4. Number of Hours Generator On-line	744.00	5,087.00	236,305.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	944,123.00	6,334,190.00	266,500,000.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      The unit operated the entire month at 100% power.



**OPERATING DATA REPORT**

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 1299.90  
 2. Maximum Dependable Capacity (MWe-Net) 1276.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	240,700.31
4. Number of Hours Generator On-line	744.00	5,831.00	237,049.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	947,540.00	7,281,730.00	267,447,540.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      The unit operated the entire month at full power.

**OPERATING DATA REPORT**

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Thomas Baummer  
 PREPARER TELEPHONE: 410-495-4535

1. Design Electrical Rating: 1299.90  
 2. Maximum Dependable Capacity (MWe-Net) 1276.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	241,420.31
4. Number of Hours Generator On-line	720.00	6,551.00	237,769.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	916,390.00	8,198,120.00	268,363,930.68

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated the entire month at full power except: 9/20/2019 5135 MWh Turbine Valve Testing (Planned, ORLF Exempt) 9/22/2019 62 MWh Rodline Adjustment (Planned. ORLF Exempt)

**OPERATING DATA REPORT**

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	948.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	308,163.44
4. Number of Hours Generator On-line	744.00	5,048.97	304,293.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	702,648.64	4,861,092.26	271,148,672.36

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

## SUMMARY

Began month at 100% power, 996 MWe. Performed MTC test on 7/8/19 resulting in 204 MW-hr planned loss. Ended month at 100% power 994 MWe.

**OPERATING DATA REPORT**

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating: 973.00  
 2. Maximum Dependable Capacity (MWe-Net) 948.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	308,907.44
4. Number of Hours Generator On-line	744.00	5,792.97	305,037.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	706,064.48	5,567,156.74	271,854,736.84

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      Began month at 100% power 996 Mwe. Ended month at 100% power 1004 Mwe

**OPERATING DATA REPORT**

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating: 973.00  
 2. Maximum Dependable Capacity (MWe-Net) 948.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	176.85	6,007.85	309,084.29
4. Number of Hours Generator On-line	167.28	5,960.25	305,204.37
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	157,517.64	5,724,674.38	272,012,254.48

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
N1-2019-002	9/7/2019		S	552.72	C	1	Refueling Outage

**SUMMARY**

Began month 100% power 1002 MWe; Ended month offline exiting refueling outage.

**OPERATING DATA REPORT**

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	944.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,205.12	295,378.38
4. Number of Hours Generator On-line	744.00	4,156.37	293,375.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	698,939.78	3,926,542.41	263,277,545.95

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Began month 987MWe, 99% power, highest power level available. Ended month at 996MWe, 100% power.

**OPERATING DATA REPORT**

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating: 973.00  
 2. Maximum Dependable Capacity (MWe-Net) 944.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,949.12	296,122.38
4. Number of Hours Generator On-line	744.00	4,900.37	294,119.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	704,912.59	4,631,455.00	263,982,458.54

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      Began month at 100% power 998 Mwe. Ended month at 100% power 1003 Mwe.

**OPERATING DATA REPORT**

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Fletcher Mayton  
 PREPARER TELEPHONE: 540-894-2502

1. Design Electrical Rating:	973.00		
2. Maximum Dependable Capacity (MWe-Net)	944.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,669.12	296,842.38
4. Number of Hours Generator On-line	720.00	5,620.37	294,839.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	689,353.70	5,320,808.70	264,671,812.24

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Began month 100% power 1003 MWe; Ended month 100% power 1012 MWe.



**OPERATING DATA REPORT**

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733976

1. Design Electrical Rating:	865.00		
2. Maximum Dependable Capacity (MWe-Net)	847.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	335,078.04
4. Number of Hours Generator On-line	744.00	5,087.00	330,854.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	634,632.00	4,371,066.00	274,001,601.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit One was at 100% Full Power (FP) at the beginning of July 2019. 07/19/19 23:01 Began power decrease from 100% to 98.5% FP to support the repair of 1HD-26 (NCR# 02282500). 07/19/19 23:15 Completed power decrease to 98.5% FP. 07/20/19 17:04 Began power increase from 98.5% FP to 99.5% FP. 07/20/19 17:14 Completed power increase to 99.5% FP. 07/20/19 17:27 Began power increase from 99.5% FP to 100% FP. 07/20/19 17:35 Completed power increase to 100% FP. Unit One was at 100% FP at the end of July 2019.

**OPERATING DATA REPORT**

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	865.00		
2. Maximum Dependable Capacity (MWe-Net)	847.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	335,822.04
4. Number of Hours Generator On-line	744.00	5,831.00	331,598.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	629,204.00	5,000,270.00	274,630,805.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit One was at 100% Full Power (FP) at the beginning of August 2019. 08/17/19 12:21 Began power decrease from 100% FP to 98% FP to perform Turbine Valve Movement Periodic Test. 08/17/19 12:41 Completed power decrease to 98% FP. 08/17/19 15:37 Began power increase from 98% FP to 100% FP following completion of Turbine Valve Movement Periodic Test. 08/17/19 16:30 Completed power increase to 100% FP. Unit One was at 100% FP at the end of August 2019.

**OPERATING DATA REPORT**

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	865.00		
2. Maximum Dependable Capacity (MWe-Net)	847.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	336,542.04
4. Number of Hours Generator On-line	720.00	6,551.00	332,318.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	605,979.00	5,606,249.00	275,236,784.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit One was at 100% Full Power (FP) at the beginning of September 2019. Unit One was at 100% FP at the end of September 2019.

**OPERATING DATA REPORT**

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733976

1. Design Electrical Rating: 872.00  
 2. Maximum Dependable Capacity (MWe-Net) 848.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	337,224.49
4. Number of Hours Generator On-line	744.00	5,087.00	333,985.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	641,545.00	4,431,626.00	277,310,871.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

Unit Two was at 100% Full Power (FP) at the beginning of July 2019. Unit Two was at 100% FP at the end of July 2019.

**OPERATING DATA REPORT**

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating: 872.00  
 2. Maximum Dependable Capacity (MWe-Net) 848.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	337,968.49
4. Number of Hours Generator On-line	744.00	5,831.00	334,729.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	635,127.00	5,066,753.00	277,945,998.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit Two was at 100% Full Power (FP) at the beginning of August 2019. 08/24/19 12:00 Began power decrease from 100% FP to 98% FP to perform Turbine Valve Movement Periodic Test. 08/24/19 12:22 Completed power decrease to 98% FP. 08/24/19 14:39 Began power increase from 98% FP to 100% FP following completion of Turbine Valve Movement Periodic Test. 08/24/19 15:25 Completed power increase to 100% FP. Unit Two was at 100% FP at the end of August 2019.

**OPERATING DATA REPORT**

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating: 872.00  
 2. Maximum Dependable Capacity (MWe-Net) 848.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	338,688.49
4. Number of Hours Generator On-line	720.00	6,551.00	335,449.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	612,413.00	5,679,166.00	278,558,411.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit Two was at 100% Full Power (FP) at the beginning of September 2019. Unit Two was at 100% FP at the end of September 2019.

**OPERATING DATA REPORT**

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733976

1. Design Electrical Rating:	881.00		
2. Maximum Dependable Capacity (MWe-Net)	859.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	329,988.78
4. Number of Hours Generator On-line	744.00	5,087.00	326,663.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	640,651.00	4,431,161.00	274,827,921.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

Unit Three was at 100% Full Power (FP) at the beginning of July 2019. Unit Three was at 100% FP at the end of July 2019.

**OPERATING DATA REPORT**

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating: 881.00  
 2. Maximum Dependable Capacity (MWe-Net) 859.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	330,732.78
4. Number of Hours Generator On-line	744.00	5,831.00	327,407.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	634,208.00	5,065,369.00	275,462,129.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit Three was at 100% Full Power (FP) at the beginning of August 2019. Unit Three was at 100% FP at the end of August 2019.



**OPERATING DATA REPORT**

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: Brad Holder  
 PREPARER TELEPHONE: 8648733932

1. Design Electrical Rating:	881.00		
2. Maximum Dependable Capacity (MWe-Net)	859.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	331,452.78
4. Number of Hours Generator On-line	720.00	6,551.00	328,127.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	611,570.00	5,676,939.00	276,073,699.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit Three was at 100% Full Power (FP) at the beginning of September 2019. 09/06/19 09:08 Began power decrease from 100% FP to 98% FP to perform Turbine Valve Movement Periodic Test. 09/06/19 09:19 Completed power decrease to 98% FP. 09/06/19 11:01 Began power increase from 98% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test. 09/06/19 11:09 Completed power increase to 99.5% FP. 09/06/19 11:25 Began power increase from 99.5% FP to 100% FP. 09/06/19 11:38 Completed power increase to 100% FP. Unit Three was at 100% FP at the end of September 2019.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Gretchen Mitschelen  
 PREPARER TELEPHONE: 269-764-2523

1. Design Electrical Rating: 805.00  
 2. Maximum Dependable Capacity (MWe-Net) 777.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	661.63	4,932.45	299,409.35
4. Number of Hours Generator On-line	655.70	4,913.30	293,089.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	506,100.52	3,922,696.73	213,685,031.54

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
3	7/27/2019	S	88.30	A	1	In July, Palisades made the conservative decision to shutdown in order to address the loss of a backup power supply in the DEH (Digital Electrohydraulic) control system, which controls the turbine. Unit was removed from service on 7/27/2019 at 15:29. The reactor was taken critical on 7/31/2019 at 01:51.

### SUMMARY

In July, Palisades made the conservative decision to shutdown in order to address the loss of a backup power supply in the DEH (Digital Electrohydraulic) control system, which controls the turbine. Unit was removed from service on 7/27/2019 at 15:29. The reactor was taken critical on 7/31/2019 at 01:51.

**OPERATING DATA REPORT**

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Gretchen Mitschelen  
 PREPARER TELEPHONE: 269-764-2523

1. Design Electrical Rating: 805.00  
 2. Maximum Dependable Capacity (MWe-Net) 777.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,676.45	300,153.35
4. Number of Hours Generator On-line	744.00	5,657.30	293,833.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	575,919.62	4,498,616.35	214,260,951.16

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Palisades was critical and synched to the grid for the entire month of August 2019. However, on August 1-2, Palisades was escalating power after a forced outage that ended on July 31st.

**OPERATING DATA REPORT**

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Gretchen Mitschelen  
 PREPARER TELEPHONE: 269-764-2523

1. Design Electrical Rating: 805.00  
 2. Maximum Dependable Capacity (MWe-Net) 777.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,396.45	300,873.35
4. Number of Hours Generator On-line	720.00	6,377.30	294,553.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	572,336.27	5,070,952.62	214,833,287.43

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY Palisades operated at full power for the entire month of September 2019.

**OPERATING DATA REPORT**

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1333.00		
2. Maximum Dependable Capacity (MWe-Net)	1311.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,327.20	242,890.00
4. Number of Hours Generator On-line	744.00	4,284.45	240,561.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	980,065.07	5,643,357.61	298,115,314.16

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1333.00		
2. Maximum Dependable Capacity (MWe-Net)	1311.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,071.20	243,634.00
4. Number of Hours Generator On-line	744.00	5,028.45	241,305.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	977,512.86	6,620,870.47	299,092,827.02

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1333.00		
2. Maximum Dependable Capacity (MWe-Net)	1311.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,791.20	244,354.00
4. Number of Hours Generator On-line	720.00	5,748.45	242,025.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	949,582.29	7,570,452.76	300,042,409.31

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1336.00		
2. Maximum Dependable Capacity (MWe-Net)	1314.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,088.00	244,726.68
4. Number of Hours Generator On-line	744.00	5,088.00	242,568.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	983,955.72	6,777,689.04	307,370,397.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.



# OPERATING DATA REPORT

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating: 1336.00  
 2. Maximum Dependable Capacity (MWe-Net) 1314.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	674.90	5,762.90	245,401.58
4. Number of Hours Generator On-line	654.23	5,742.23	243,222.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	833,876.40	7,611,565.44	308,204,273.90

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
19-01	8/16/2019	F	89.77	H	3	Unplanned Main Turbine Trip, followed by RX Power Cutback (RPCB). System design prevented fast bus transfer of NAN-S01 & NAN-S02 to offsite power on RPCB, resulting in an Automatic RX trip.

### SUMMARY

The unit began the month in Mode 1 with the reactor at full power. On August 16th at 0820 the unit had an unplanned turbine trip followed by RX Power Cutback (RPCB). Automatic reactor trip also occurred when system design prevented fast bus transfer of NAN-S01 & NANS02 to offsite power on RPCB. On August 19th the unit entered Mode 2, went critical at 0526, and entered Mode 1 at 1430. The unit was synchronized to grid on August 20th at 0206 and reached full power on August 21st. The unit ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1336.00		
2. Maximum Dependable Capacity (MWe-Net)	1314.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,482.90	246,121.58
4. Number of Hours Generator On-line	720.00	6,462.23	243,942.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	948,993.61	8,560,559.05	309,153,267.51

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1334.00		
2. Maximum Dependable Capacity (MWe-Net)	1312.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	5,088.00	240,339.72
4. Number of Hours Generator On-line	744.00	5,088.00	238,407.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	972,036.21	6,706,285.70	299,349,630.77

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1334.00		
2. Maximum Dependable Capacity (MWe-Net)	1312.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	744.00	5,832.00
4. Number of Hours Generator On-line	744.00	744.00	5,832.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	970,143.15	970,143.15	7,676,428.85
			<b>Cumulative</b>
			241,083.72
			239,151.77
			0.00
			300,319,773.92

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY                      The unit began the month and ended the month in Mode 1 with the reactor at full power.

**OPERATING DATA REPORT**

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: Brian Cable  
 PREPARER TELEPHONE: 623-393-5945

1. Design Electrical Rating:	1334.00		
2. Maximum Dependable Capacity (MWe-Net)	1312.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,552.00	241,803.72
4. Number of Hours Generator On-line	720.00	6,552.00	239,871.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	940,220.13	8,616,648.98	301,259,994.05

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The unit began the month in Mode 1 with the RX at full power. Commenced RX power coastdown for Unit 3 Refueling outage on September 30, 2019 at 1235 and ended the month in Mode 1 with the RX at ~99.4%.

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: J Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1330.00		
2. Maximum Dependable Capacity (MWe-Net)	1232.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	320,897.96
4. Number of Hours Generator On-line	744.00	5,087.00	315,984.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	942,496.80	6,721,565.90	335,872,941.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY                      Unit 2 began the month of July at full power Unit 2 ended the month of July at full power.

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1330.00		
2. Maximum Dependable Capacity (MWe-Net)	1232.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	744.00	5,831.00
4. Number of Hours Generator On-line	744.00	744.00	5,831.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	940,590.00	940,590.00	7,662,155.90
			<b>Cumulative</b>
			321,641.96
			316,728.32
			0.00
			336,813,531.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY                      Unit 2 began the month of August at full power Unit 2 ended the month of August at full power.

**OPERATING DATA REPORT**

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating: 1330.00  
 2. Maximum Dependable Capacity (MWe-Net) 1232.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	322,361.96
4. Number of Hours Generator On-line	720.00	6,551.00	317,448.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	929,186.50	8,591,342.40	337,742,717.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 began the month of September at full power. On September 13th, 2019 at 23:05 Unit 2 began a planned Control rod pattern adjustment. On September 14th, 2019 at 00:24 Unit 2 reached a minimum power of 3070 MWth. On September 14th, 2019 at 15:03 Unit 2 returned to full power Unit 2 ended the month of September at full power.



**OPERATING DATA REPORT**

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: J Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1331.00		
2. Maximum Dependable Capacity (MWe-Net)	1251.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	319,824.08
4. Number of Hours Generator On-line	744.00	5,087.00	315,228.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	944,239.80	6,751,722.90	333,511,785.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 3 began the month of July at full power. On July 22nd, 2019 at 23:03 Unit 3 entered a planned load drop for Rod Pattern Adjustment. On July 23rd, 2019 at 00:11 Unit 3 reached a minimum power of 2757 MWth. On July 23rd, 2019 at 18:05 Unit 3 returned to full power. Unit 3 ended the month of July at full power.

**OPERATING DATA REPORT**

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1331.00		
2. Maximum Dependable Capacity (MWe-Net)	1251.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	320,568.08
4. Number of Hours Generator On-line	744.00	5,831.00	315,972.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	923,557.00	7,675,279.90	334,435,342.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

Unit 3 began the month of August at full power. On August 6th, 2019 at 16:30 Unit 3 began Coast down for P3R22. On August 10th, 2019 at 23:05 Unit 3 entered a planned load drop for Removal of 5th Stage Feedwater Heater. On August 11th, 2019 at 00:20 Unit 3 reached a minimum power of 3207 MWth. On August 11th, 2019 at 17:47 Unit 3 returned to full power. Unit 3 ended the month of August at 95.5% power.

**OPERATING DATA REPORT**

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: JM Marion  
 PREPARER TELEPHONE: 267-533-1860

1. Design Electrical Rating:	1331.00		
2. Maximum Dependable Capacity (MWe-Net)	1251.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	321,288.08
4. Number of Hours Generator On-line	720.00	6,551.00	316,692.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	825,967.50	8,501,247.40	335,261,310.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 3 began the month of September at 95.4% power. Coast Down of Unit 3 has continued through September 2019. Unit 3 ended the month of September at 85.5% power.

# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: James Pristov  
 PREPARER TELEPHONE: 4402807532

1. Design Electrical Rating: 1268.00  
 2. Maximum Dependable Capacity (MWe-Net) 1240.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	666.35	4,296.76	235,256.78
4. Number of Hours Generator On-line	643.48	4,213.19	231,236.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	780,669.00	4,778,300.00	273,870,248.47

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
1FOAC3	7/27/2019	F	100.52	A	3	During the performance of the Weekly Turbine Overspeed Test, a Turbine Trip and reactor scram occurred. This is reportable per 10 CFR 50.73(a)(2)(iv)(A) as an LER. LER 2019-03

SUMMARY

Non-Exempt INPO Planned: 100.5hrs / 128640 Lost Gen MWe - Unit Scram during Turbine Trip Valve Testing Other: 161.4hrs / 9401.3 Lost Gen MWe - IOI 15 Seasonal Derate, Operational temperature limits reached

**OPERATING DATA REPORT**

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: James Pristov  
 PREPARER TELEPHONE: 4402807532

1. Design Electrical Rating: 1268.00  
 2. Maximum Dependable Capacity (MWe-Net) 1240.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,040.76	236,000.78
4. Number of Hours Generator On-line	622.87	4,836.06	231,858.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	747,528.00	5,525,828.00	274,617,776.47

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
1FOAC3	7/27/2019	F		121.13	A	4	During the performance of the Weekly Turbine Overspeed Test, a Turbine Trip and reactor scram occurred. This is reportable per 10 CFR 50.73(a)(2)(iv)(A) as an LER. LER 2019-03

**SUMMARY**

Non-Exempt INPO Unplanned: 155.6hrs / 172884.8 Lost Gen Mwe - Unit Scrammed during Turbine Trip Valve Testing Other: 105.3hrs / 5556.4 Lost Gen Mwe - IOI 15 Seasonal Derate, Operational temperature limits reached Planned Exempt: 13.8hrs / 265.3 Lost Gen Mwe - Rod Line Adjust

**OPERATING DATA REPORT**

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: James Pristov  
 PREPARER TELEPHONE: 4402807532

1. Design Electrical Rating: 1268.00  
 2. Maximum Dependable Capacity (MWe-Net) 1240.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,760.76	236,720.78
4. Number of Hours Generator On-line	720.00	5,556.06	232,578.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	859,887.00	6,385,715.00	275,477,663.47

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Non-Exempt INPO Planned: 38.2hrs / 29679.1 Lost Gen Mwe - Maintenance Downpower Other: 88.9hrs / 6686.8 Lost Gen Mwe - IOI 15 Seasonal Derate, Operational temperature limits reached Planned Exempt: 34.1hrs / 5867.2 Lost Gen Mwe - Control Valve Testing, Sequence Exchange, & Rod Pattern Adjustment

**OPERATING DATA REPORT**

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating:	615.00		
2. Maximum Dependable Capacity (MWe-Net)	576.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,460.25	365,337.27
4. Number of Hours Generator On-line	744.00	4,425.27	361,111.31
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	446,348.50	2,591,563.00	178,096,092.70

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating:	615.00		
2. Maximum Dependable Capacity (MWe-Net)	576.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,204.25	366,081.27
4. Number of Hours Generator On-line	744.00	5,169.27	361,855.31
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	441,964.30	3,033,527.30	178,538,057.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY



**OPERATING DATA REPORT**

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 576.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,924.25	366,801.27
4. Number of Hours Generator On-line	720.00	5,889.27	362,575.31
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	431,749.00	3,465,276.30	178,969,806.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 301  
 UNIT\_NME: Point Beach Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating:	615.00		
2. Maximum Dependable Capacity (MWe-Net)	578.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	358,493.97
4. Number of Hours Generator On-line	744.00	5,087.00	354,891.16
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	449,715.80	3,048,929.60	177,969,342.70

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 301  
 UNIT\_NME: Point Beach Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating:	615.00		
2. Maximum Dependable Capacity (MWe-Net)	578.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	359,237.97
4. Number of Hours Generator On-line	744.00	5,831.00	355,635.16
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	416,124.40	3,465,054.00	178,385,467.10

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 301  
 UNIT\_NME: Point Beach Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Brenda M Scherwinski  
 PREPARER TELEPHONE: 920-755-7752

1. Design Electrical Rating: 615.00  
 2. Maximum Dependable Capacity (MWe-Net) 578.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	359,957.97
4. Number of Hours Generator On-line	720.00	6,551.00	356,355.16
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	434,921.00	3,899,975.00	178,820,388.10

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY

**OPERATING DATA REPORT**

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Jonathan Pomaes  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	522.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	352,694.45
4. Number of Hours Generator On-line	744.00	5,087.00	349,879.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	398,087.00	2,757,598.00	178,647,367.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 1 was baseloaded for the month of July.

**OPERATING DATA REPORT**

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	522.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	353,438.45
4. Number of Hours Generator On-line	744.00	5,831.00	350,623.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	399,670.00	3,157,268.00	179,047,037.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      60.3MWhr loss due to VCT valve maintenance

**OPERATING DATA REPORT**

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	522.10		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	354,158.45
4. Number of Hours Generator On-line	720.00	6,551.00	351,343.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	387,376.00	3,544,644.00	179,434,413.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      1881.32 MWhrs lost due to turbine valve testing.

**OPERATING DATA REPORT**

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	518.80		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	348,665.16
4. Number of Hours Generator On-line	744.00	5,087.00	346,304.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	396,184.00	2,775,837.00	176,888,021.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 was baseloaded for the month of July.



# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557.00		
2. Maximum Dependable Capacity (MWe-Net)	518.80		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	349,409.16
4. Number of Hours Generator On-line	744.00	5,831.00	347,048.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	393,069.00	3,168,906.00	177,281,090.00

## UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Unit 2 coastdown to 2R31 began on 8/22/19 at 10:44 a.m.

**OPERATING DATA REPORT**

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Jonathan Pomaes  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating: 557.00  
 2. Maximum Dependable Capacity (MWe-Net) 518.80

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	350,129.16
4. Number of Hours Generator On-line	720.00	6,551.00	347,768.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	322,221.00	3,491,127.00	177,603,311.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      Unit 2 coastdown to 2R31

**OPERATING DATA REPORT**

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,622.58	348,801.51
4. Number of Hours Generator On-line	744.00	4,590.37	342,747.85
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	674,145.00	4,185,491.00	255,775,698.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

Unit 1 operated at full power for the entire month except for a Load Following on 7/26/2019, 655 MWh Excluded loss.

**OPERATING DATA REPORT**

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 963.99  
 2. Maximum Dependable Capacity (MWe-Net) 887.20

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	646.07	5,268.65	349,447.58
4. Number of Hours Generator On-line	587.03	5,177.40	343,334.88
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	531,883.00	4,717,374.00	256,307,581.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
Q1F67	8/25/2019	F		156.97	A	3	Replaced failed insulators.

**SUMMARY**

Unit 1 operated at full power the entire month except for: 8/23/19 4:00 Advanced Nuclear Dispatch, 291 MWh excluded loss  
 8/25/19 11:00 Unit 1 SCRAM, 147872 MWh Unplanned Loss

**OPERATING DATA REPORT**

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.20		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,988.65	350,167.58
4. Number of Hours Generator On-line	715.60	5,893.00	344,050.48
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	647,804.00	5,365,178.00	256,955,385.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	
Q1F67	8/25/2019	F	4.40	A	4	Replaced failed insulators.

**SUMMARY**

Unit 1 entered the month in an outage. Outage and power accession resulted in 8830.1 MWh of unplanned losses. The unit operated at full power for the remainder of the month except for: 9/2/19, 2:00 Seq. Exchange 351.8 MWh, Unplanned/Exempt 9/7/19 7:00 Advanced Nuclear Dispatch, 198.1MWh Excluded 9/10/19 3:00 Advanced Nuclear Dispatch 256.7 MWh Excluded 9/17/19 14:00 Advanced Nuclear Dispatch 73.0 MWh Excluded 9/22/19 0:00 Advanced Nuclear Dispatch 230.8 MWh Excluded 9/25/19 16:00 Advanced Nuclear Dispatch 190.3 MWh Excluded 9/26/19 0:00 Advanced Nuclear Dispatch 634.4 MWh Excluded 9/30/19 0:00 Advanced Nuclear Dispatch 110.1 MWh Excluded

**OPERATING DATA REPORT**

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	957.30		
2. Maximum Dependable Capacity (MWe-Net)	888.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	341,292.12
4. Number of Hours Generator On-line	744.00	5,087.00	335,954.03
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	669,669.00	4,693,914.00	257,676,663.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 2 Quad Cities operated at full power the entire month except for: 7/1/19, Load Following, 556 MWh excluded loss 7/25/19, Load Following, 165 MWh excluded loss 7/26/19, Load Following, 636.5 MWh excluded loss 7/30/19, Load Following, 96.3 MWh excluded lose

**OPERATING DATA REPORT**

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating:	957.30		
2. Maximum Dependable Capacity (MWe-Net)	888.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	342,036.12
4. Number of Hours Generator On-line	744.00	5,831.00	336,698.03
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	637,545.00	5,331,459.00	258,314,208.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

Unit 2 operated at full power the entire month except for: 8/3/19 17:00, Advanced Nuclear Dispatch, 86 MWh excluded loss 8/11/19 14:00, Advanced Nuclear Dispatch, 618 MWh excluded loss 8/31/19 7:00, Advanced Nuclear Dispatch, 245 MWh excluded loss

**OPERATING DATA REPORT**

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: M. Mohammed  
 PREPARER TELEPHONE: 779-231-3988

1. Design Electrical Rating: 957.30  
 2. Maximum Dependable Capacity (MWe-Net) 888.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	342,756.12
4. Number of Hours Generator On-line	720.00	6,551.00	337,418.03
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	652,459.00	5,983,918.00	258,966,667.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

Unit 2 operated at full power the entire month except for: 9/3/19 0:00 Advanced Nuclear Dispatch 978 MWh Excluded 9/7/19 5:00 Advanced Nuclear Dispatch 174 MWh Excluded 9/8/19 7:00 Advanced Nuclear Dispatch 18 MWh Excluded 9/9/19 0:00 Advanced Nuclear Dispatch 584 MWh Excluded 9/10/19 2:00 Advanced Nuclear Dispatch 382 MWh Excluded 9/14/19 20:00 Seq. Exchange 1135 Mwh Planned/Exempt 9/18/19 3:00 Advanced Nuclear Dispatch 319 MWh Excluded 9/22/19 0:00 Advanced Nuclear Dispatch 301 MWh Excluded 9/26/19 0:00 Advanced Nuclear Dispatch 605 MWh Excluded 9/28/19 16:00 Advanced Nuclear Dispatch 2454 MWh Excluded 9/30/19 0:00 Advanced Nuclear Dispatch 1055 MWh Excluded



# OPERATING DATA REPORT

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Folds  
 PREPARER TELEPHONE: 225-381-5602

1. Design Electrical Rating:	967.00		
2. Maximum Dependable Capacity (MWe-Net)	967.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	744.00	3,924.27
4. Number of Hours Generator On-line	744.00	744.00	3,854.97
5. Reserve Shutdown Hours	0.00	0.00	938.00
6. Net Electrical energy Generated (MWHrs)	717,008.00	717,008.00	3,143,792.00
			<b>Cumulative</b>
			251,662.75
			246,400.45
			938.00
			226,829,748.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
SUMMARY							None

**OPERATING DATA REPORT**

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Folds  
 PREPARER TELEPHONE: 225-381-5602

1. Design Electrical Rating:	967.00		
2. Maximum Dependable Capacity (MWe-Net)	967.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,668.27	252,406.75
4. Number of Hours Generator On-line	744.00	4,598.97	247,144.45
5. Reserve Shutdown Hours	0.00	938.00	938.00
6. Net Electrical energy Generated (MWHrs)	720,700.00	3,864,492.00	227,550,448.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Planned Sequence Exchange on 8/2/19.

**OPERATING DATA REPORT**

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Dennis Pereira  
 PREPARER TELEPHONE: 2253814621

1. Design Electrical Rating:	967.00		
2. Maximum Dependable Capacity (MWe-Net)	967.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,388.27	253,126.75
4. Number of Hours Generator On-line	720.00	5,318.97	247,864.45
5. Reserve Shutdown Hours	0.00	938.00	938.00
6. Net Electrical energy Generated (MWHrs)	702,506.00	4,566,998.00	228,252,954.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      None.

**OPERATING DATA REPORT**

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Bruce Chewning  
 PREPARER TELEPHONE: 8439513845

1. Design Electrical Rating: 795.00  
 2. Maximum Dependable Capacity (MWe-Net) 741.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	341,170.57
4. Number of Hours Generator On-line	744.00	5,087.00	337,339.09
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	567,974.00	3,967,092.00	232,510,152.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      No generation (MWe) losses for July 2019

**OPERATING DATA REPORT**

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Bruce Chewning  
 PREPARER TELEPHONE: 8439513845

1. Design Electrical Rating: 795.00  
 2. Maximum Dependable Capacity (MWe-Net) 741.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	248.68	5,335.68	341,419.25
4. Number of Hours Generator On-line	248.68	5,335.68	337,587.77
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	179,951.00	4,147,043.00	232,690,103.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
R2F32A	8/11/2019	F		495.32	A	3	Forced outage due to exciter malfunction

SUMMARY                      Forced outage due to exciter malfunction

**OPERATING DATA REPORT**

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Bruce Chewning  
 PREPARER TELEPHONE: 8439513845

1. Design Electrical Rating: 795.00  
 2. Maximum Dependable Capacity (MWe-Net) 741.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	670.60	6,006.28	342,089.85
4. Number of Hours Generator On-line	663.77	5,999.45	338,251.54
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	494,085.00	4,641,128.00	233,184,188.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
R2F32A	8/11/2019	F		56.23	A	4	Forced outage due to exciter malfunction

SUMMARY                      Forced outage due to exciter malfunction

**OPERATING DATA REPORT**

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: T. Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1116.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,498.49	274,592.16
4. Number of Hours Generator On-line	744.00	3,480.72	268,690.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	848,516.00	3,710,623.00	290,429,625.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The month began with the unit online and the reactor at 99.9% CTP. Zero (0) planned power changes greater than 20% occurred in July 2019. Zero (0) unplanned power changes greater than 20% occurred in July 2019. The month ended with the unit online and the reactor critical at 100.0% CTP.

**OPERATING DATA REPORT**

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1116.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,242.49	275,336.16
4. Number of Hours Generator On-line	744.00	4,224.72	269,434.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,252.00	4,560,875.00	291,279,877.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

The month began with the unit online and the reactor at 99.9% CTP. Zero (0) unplanned power changes greater than 20% occurred in August 2019. The month ended with the unit online and the reactor critical at 100.0% CTP.



**OPERATING DATA REPORT**

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1116.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	4,962.49	276,056.16
4. Number of Hours Generator On-line	720.00	4,944.72	270,154.21
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	833,702.00	5,394,577.00	292,113,579.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The month began with the unit online and the reactor at 100.0% CTP. Zero (0) unplanned power changes greater than 20% occurred in September 2019. The month ended with the unit online and the reactor critical at 99.9% CTP.

**OPERATING DATA REPORT**

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: T. Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1181.00		
2. Maximum Dependable Capacity (MWe-Net)	1134.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,064.29	252,960.36
4. Number of Hours Generator On-line	744.00	5,053.42	247,674.16
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	845,005.00	5,858,665.00	268,271,404.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

The month began with the unit online and the reactor at 99.9% CTP. Zero (0) planned power changes greater than 20% occurred in July 2019. Zero (0) unplanned power changes greater than 20% occurred in July 2019. The month ended with the unit online and the reactor critical at 100.0% CTP.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating: 1181.00  
 2. Maximum Dependable Capacity (MWe-Net) 1134.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	673.80	5,738.09	253,634.16
4. Number of Hours Generator On-line	667.87	5,721.29	248,342.03
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	748,225.00	6,606,890.00	269,019,629.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
S2-19-02	8/11/2019	F	76.13	A	2	During the power reduction to repair the U2 main bus cooling fan, 23BF19 (23 SG Feed Reg Valve) started oscillating in automatic. Control room operators took manual control per procedure to stabilize 23BF19. 23BF19 did not stabilize in manual and U2 control room operators manually tripped the unit. The cause of the failure was determined to be the main screw backing out of the magnet shaft assembly of the positioner linkage. It is unknown how long the screw has been loose. This prevented the digital positioner from receiving positive valve position feedback and ultimately caused erratic valve motion relative to the demand signal provided by OVATION. The maintenance activities to resolve the failure included the replacement of the bracket assembly, coating the main screw with Loctite, and performing a SAT calibration on the 23BF19.

**SUMMARY**

The month began with the unit online and the reactor at 100.0% CTP. Zero (0) unplanned power changes greater than 20% occurred in August 2019. The month ended with the unit online and the reactor critical at 100.0% CTP.

**OPERATING DATA REPORT**

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Tim Surma  
 PREPARER TELEPHONE: 856-339-2496

1. Design Electrical Rating:	1181.00		
2. Maximum Dependable Capacity (MWe-Net)	1134.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,458.09	254,354.16
4. Number of Hours Generator On-line	720.00	6,441.29	249,062.03
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	824,312.00	7,431,202.00	269,843,941.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The month began with the unit online and the reactor at 99.9% CTP. Zero (0) unplanned power changes greater than 20% occurred in September 2019. The month ended with the unit online and the reactor critical at 99.9% CTP.

**OPERATING DATA REPORT**

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 603-773-7077

1. Design Electrical Rating:	1248.00		
2. Maximum Dependable Capacity (MWe-Net)	1246.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	229,586.16
4. Number of Hours Generator On-line	744.00	5,087.00	225,888.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	927,069.18	6,345,737.27	265,608,495.18

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The unit operated at 100% power 744 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.0049% based on the MDC of 1246 MWe.

**OPERATING DATA REPORT**

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Kevin Randall  
 PREPARER TELEPHONE: 6037737992

1. Design Electrical Rating:	1248.00		
2. Maximum Dependable Capacity (MWe-Net)	1246.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	230,330.16
4. Number of Hours Generator On-line	744.00	5,831.00	226,632.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	926,184.10	7,271,921.37	266,534,679.28

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The unit operated at 100% power 744 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 99.9094% based on the MDC of 1246 MWe.

**OPERATING DATA REPORT**

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 6037737077

1. Design Electrical Rating: 1248.00  
 2. Maximum Dependable Capacity (MWe-Net) 1246.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	231,050.16
4. Number of Hours Generator On-line	720.00	6,551.00	227,352.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	894,249.56	8,166,170.93	267,428,928.84

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated at 100% power 720 out of 720 hours this month. This yielded an availability factor of 100% and a capacity factor of 99.68% based on the MDC of 1246 MWe.

**OPERATING DATA REPORT**

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Wright, Jared  
 PREPARER TELEPHONE: 423-751-8895

1. Design Electrical Rating: 1184.37  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,033.58	257,646.51
4. Number of Hours Generator On-line	744.00	5,018.80	254,754.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,600.00	5,745,751.40	283,615,517.90

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY U1 NRC Capacity Factor is 97.7% for the month of July 2019.



**OPERATING DATA REPORT**

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: 423-843-7120

1. Design Electrical Rating: 1184.37  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	696.67	5,730.25	258,343.18
4. Number of Hours Generator On-line	691.50	5,710.30	255,445.80
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	744,444.80	6,490,196.20	284,359,962.70

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	8/27/2019	F	52.50	A	3	Automatic Scram due to dropped Rod (H8) causing a negative rate trip.

**SUMMARY**

U1 NRC Capacity Factor is 86.9% for the month of August 2019.

**OPERATING DATA REPORT**

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: Hilton, Kristin

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,450.25	259,063.18
4. Number of Hours Generator On-line	720.00	6,430.30	256,165.80
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	587,217.50	7,077,413.70	284,947,180.20

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY U1 NRC Capacity Factor is 70.8% for the month of September 2019.

**OPERATING DATA REPORT**

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Wright, Jared  
 PREPARER TELEPHONE: 423-751-8895

1. Design Electrical Rating: 1177.46  
 2. Maximum Dependable Capacity (MWe-Net) 1139.50

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	263,239.00
4. Number of Hours Generator On-line	744.00	5,087.00	259,975.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,544.00	5,819,101.60	284,989,362.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY U2 NRC Capacity Factor is 98.8% for the month of July 2019.

**OPERATING DATA REPORT**

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: 423-843-7120

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.50		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	263,983.00
4. Number of Hours Generator On-line	744.00	5,831.00	260,719.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,943.20	6,651,044.80	285,821,305.70

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY U2 NRC Capacity Factor is 98.1% for the month of August 2019.

**OPERATING DATA REPORT**

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Hilton, Kristin  
 PREPARER TELEPHONE: Hilton, Kristin

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.50		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	264,703.00
4. Number of Hours Generator On-line	720.00	6,551.00	261,439.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	807,150.50	7,458,195.30	286,628,456.20

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY U2 NRC Capacity Factor is 98.4% for the month of September 2019.

**OPERATING DATA REPORT**

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	232,590.34
4. Number of Hours Generator On-line	744.00	5,087.00	227,674.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	961,036.00	6,706,301.00	289,067,764.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY	Normal operations
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**OPERATING DATA REPORT**

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	233,334.34
4. Number of Hours Generator On-line	744.00	5,831.00	228,418.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	957,604.00	7,663,905.00	290,025,368.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
SUMMARY							Normal operation

**OPERATING DATA REPORT**

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	234,054.34
4. Number of Hours Generator On-line	720.00	6,551.00	229,138.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	931,737.00	8,595,642.00	290,957,105.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Normal operation



**OPERATING DATA REPORT**

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	223,864.49
4. Number of Hours Generator On-line	744.00	5,087.00	221,198.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	964,958.00	6,719,264.00	280,699,223.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY	Normal operations
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# OPERATING DATA REPORT

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	744.00	5,831.00
4. Number of Hours Generator On-line	744.00	744.00	5,831.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	960,794.00	960,794.00	7,680,058.00
			<b>Cumulative</b>
			224,608.49
			221,942.20
			0.00
			281,660,017.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
SUMMARY							Normal operation

**OPERATING DATA REPORT**

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: R. L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.60		
2. Maximum Dependable Capacity (MWe-Net)	1250.60		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	225,328.49
4. Number of Hours Generator On-line	720.00	6,551.00	222,662.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	931,452.00	8,611,510.00	282,591,469.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Charging and letdown issue

**OPERATING DATA REPORT**

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 774 467-7465

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 981.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	3,750.00	313,466.41
4. Number of Hours Generator On-line	744.00	3,727.12	310,730.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	739,985.00	3,710,340.00	264,391,591.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY PSL 1 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062.00		
2. Maximum Dependable Capacity (MWe-Net)	981.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,494.00	314,210.41
4. Number of Hours Generator On-line	744.00	4,471.12	311,474.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,582.00	4,445,922.00	265,127,173.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      PSL 1 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating: 1062.00  
 2. Maximum Dependable Capacity (MWe-Net) 981.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	373.28	4,867.28	314,583.69
4. Number of Hours Generator On-line	369.13	4,840.25	311,843.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	350,808.00	4,796,730.00	265,477,981.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
054	9/7/2019	F		350.87	A	3	Auto Scram due to 1A1 RCP trip/motor ground

**SUMMARY**

PSL 1 operated in mode 1 until 08:24 on 9/7/2019 when PSL 1 entered mode 3. PSL 1 returned to mode 1 operation at 20:55 on 9/21/2019 and remained in mode 1 thru the end of the report period.

**OPERATING DATA REPORT**

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1074.00		
2. Maximum Dependable Capacity (MWe-Net)	987.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	273,842.76
4. Number of Hours Generator On-line	744.00	5,087.00	271,197.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	751,470.00	5,171,181.00	233,700,151.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY PSL 2 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 774 467-7465

1. Design Electrical Rating:	1074.00		
2. Maximum Dependable Capacity (MWe-Net)	987.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	274,586.76
4. Number of Hours Generator On-line	744.00	5,831.00	271,941.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	747,151.00	5,918,332.00	234,447,302.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY PSL 2 operated in mode 1 the entire report period.



**OPERATING DATA REPORT**

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 774 467-7465

1. Design Electrical Rating:	1074.00		
2. Maximum Dependable Capacity (MWe-Net)	987.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	275,306.76
4. Number of Hours Generator On-line	720.00	6,551.00	272,661.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	720,232.00	6,638,564.00	235,167,534.00

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      PSL 2 operated in mode 1 the entire report period.

**OPERATING DATA REPORT**

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Wesley R. Higgins  
 PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.70		
2. Maximum Dependable Capacity (MWe-Net)	966.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	269,890.37
4. Number of Hours Generator On-line	744.00	5,087.00	267,187.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	730,714.00	5,025,828.00	246,324,906.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The plant operated at full power for the month.

**OPERATING DATA REPORT**

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Melissa A. Harmon  
 PREPARER TELEPHONE: 8033454011

1. Design Electrical Rating: 972.70  
 2. Maximum Dependable Capacity (MWe-Net) 966.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	270,634.37
4. Number of Hours Generator On-line	744.00	5,831.00	267,931.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	730,227.00	5,756,055.00	247,055,133.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      There were no unit shutdowns during August 2019.

**OPERATING DATA REPORT**

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Melissa A. Harmon  
 PREPARER TELEPHONE: 803-345-4011

1. Design Electrical Rating: 972.70  
 2. Maximum Dependable Capacity (MWe-Net) 966.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	271,354.37
4. Number of Hours Generator On-line	720.00	6,551.00	268,651.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	707,161.00	6,463,216.00	247,762,294.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

There were no unit shutdowns during September 2019. There was one power reduction in September 2019. VCS Unit 1 down powered to approximately 90% power on 9/30/2019 at 09:54:39 to support quarterly Main Turbine Valve Testing. The unit returned to 100% power on 9/30/2019 at 18:24:38. Total time at reduced power was 8.500 hours. Energy losses associated with Main Turbine Valve Testing are Exempt Energy Losses.

**OPERATING DATA REPORT**

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	328,163.86
4. Number of Hours Generator On-line	744.00	5,087.00	324,905.62
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	624,499.52	4,386,085.14	253,546,737.27

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Unit 1 ran at or around 100% for the month of July.

**OPERATING DATA REPORT**

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	328,907.86
4. Number of Hours Generator On-line	744.00	5,831.00	325,649.62
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	629,829.36	5,015,914.50	254,176,566.63

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Unit 1 ran at or around 100% for the month of August

**OPERATING DATA REPORT**

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	329,627.86
4. Number of Hours Generator On-line	720.00	6,551.00	326,369.62
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	613,231.95	5,629,146.45	254,789,798.58

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Unit 1 ran at or around 100% for the month of September

**OPERATING DATA REPORT**

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	325,598.37
4. Number of Hours Generator On-line	744.00	5,087.00	322,731.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	623,962.46	4,364,802.58	252,192,631.84

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 ran at or around 100% for the month of July.



**OPERATING DATA REPORT**

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	326,342.37
4. Number of Hours Generator On-line	744.00	5,831.00	323,475.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	628,560.62	4,993,363.20	252,821,192.46

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 ran at or around 100% for the month of August

**OPERATING DATA REPORT**

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Nikki Fuss  
 PREPARER TELEPHONE: 757-365-2680

1. Design Electrical Rating:	874.00		
2. Maximum Dependable Capacity (MWe-Net)	838.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	327,062.37
4. Number of Hours Generator On-line	720.00	6,551.00	324,195.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	613,089.33	5,606,452.53	253,434,281.79

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      Unit 2 ran at or around 100% for the month of September

**OPERATING DATA REPORT**

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	273,243.82
4. Number of Hours Generator On-line	744.00	5,087.00	269,704.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	931,068.00	6,472,195.00	299,111,458.70

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      There were no power reductions greater than 20% this month.

**OPERATING DATA REPORT**

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	273,987.82
4. Number of Hours Generator On-line	744.00	5,831.00	270,448.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	938,364.00	7,410,559.00	300,049,822.70

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      There were no power reductions greater than 20% this month.

**OPERATING DATA REPORT**

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,551.00	274,707.82
4. Number of Hours Generator On-line	720.00	6,551.00	271,168.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	897,950.00	8,308,509.00	300,947,772.70

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

There were two power reductions greater than 20% this month. On 9/6/19 there was a planned power reduction for a Control Rod Sequence Exchange with the lowest power being 62%. Full power was achieved on 9/8/19. On 9/9/19 an unplanned Reactor Feed Pump trip resulted in a reduction from 99.8% power to 60.9%. Full power was achieved after system repairs were completed on 9/10/19.

**OPERATING DATA REPORT**

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,415.71	269,337.94
4. Number of Hours Generator On-line	744.00	4,386.77	266,157.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	926,261.00	5,237,270.00	297,464,313.30

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    There were no power reductions greater than 20% this month.

**OPERATING DATA REPORT**

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,159.71	270,081.94
4. Number of Hours Generator On-line	744.00	5,130.77	266,901.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	932,562.00	6,169,832.00	298,396,875.30

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                    There were no power reductions greater than 20% this month.

**OPERATING DATA REPORT**

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287.00		
2. Maximum Dependable Capacity (MWe-Net)	1257.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,879.71	270,801.94
4. Number of Hours Generator On-line	720.00	5,850.77	267,621.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	902,156.00	7,071,988.00	299,299,031.30

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

There was one power reduction greater than 20% this month. On 9/27/19, power was reduced from 99.7% for a planned Control Rod Sequence Exchange to a low of 68.7% power. Full power was achieved 9/28/19.



**OPERATING DATA REPORT**

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating: 819.00  
 2. Maximum Dependable Capacity (MWe-Net) 802.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	304,665.42
4. Number of Hours Generator On-line	744.00	5,087.00	302,751.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	608,341.00	4,257,708.00	251,157,033.40

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

**SUMMARY**

The unit operated at nominal full power for the entire month with the exception of minor power reductions to support planned maintenance.

**OPERATING DATA REPORT**

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating:	819.00		
2. Maximum Dependable Capacity (MWe-Net)	802.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	305,409.42
4. Number of Hours Generator On-line	744.00	5,831.00	303,495.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	605,781.00	4,863,489.00	251,762,814.40

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

**SUMMARY**

The unit began end of cycle T-AVE reduction and coast-down on 8/16/19 at 10:30 (excluded energy losses). Performed an unplanned power reduction to approximately 87% on 8/20/19 from 15:05 to 20:43 to isolate a steam leak. Performed an unplanned power reduction to approximately 87% from 8/29/19 at 13:22 to 8/30/19 at 02:25 to return components to service. Ended the month at approximately 98% power.

**OPERATING DATA REPORT**

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Mark G. Fauber  
 PREPARER TELEPHONE: 717-948-8787

1. Design Electrical Rating: 819.00  
 2. Maximum Dependable Capacity (MWe-Net) 802.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	469.40	6,300.40	305,878.82
4. Number of Hours Generator On-line	468.12	6,299.12	303,963.80
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	350,535.00	5,214,024.00	252,113,349.40

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
1D23	9/20/2019		S	251.88	H	1	None

**SUMMARY**

The unit began the month at 98.07% performing end-of-cycle coast-down. on 9/20/19 at 09:00, plant shutdown commenced from 84.7% power. Main generator breakers were tripped at 12:07 on 9/20/19. The reactor was shutdown at 13:24 on 9/20/19. There were no other power reductions during the month. The unit ended the month in defueled status.

**OPERATING DATA REPORT**

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	844.00		
2. Maximum Dependable Capacity (MWe-Net)	837.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,058.35	322,816.42
4. Number of Hours Generator On-line	744.00	5,053.47	319,091.60
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	637,213.91	4,370,600.61	219,002,130.85

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      PTN Unit 3 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	844.00		
2. Maximum Dependable Capacity (MWe-Net)	837.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,802.35	323,560.42
4. Number of Hours Generator On-line	744.00	5,797.47	319,835.60
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	638,578.19	5,009,178.80	219,640,709.04

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY PTN Unit 3 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	844.00		
2. Maximum Dependable Capacity (MWe-Net)	837.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	6,522.35	324,280.42
4. Number of Hours Generator On-line	720.00	6,517.47	320,555.60
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	603,713.77	5,612,892.57	220,244,422.81

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

**SUMMARY**

PTN Unit 3 entered an unplanned power reduction on 9/26/19 to repair the Purge Exhaust Valve POV-3-2603. Unit 3 was returned to approximately 100% reactor power on 9/28/19.

**OPERATING DATA REPORT**

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201907

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	840.00		
2. Maximum Dependable Capacity (MWe-Net)	821.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,375.64	321,471.00
4. Number of Hours Generator On-line	744.00	4,338.57	316,029.10
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	612,619.32	3,542,984.88	219,069,940.26

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      PTN Unit 4 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201908

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	840.00		
2. Maximum Dependable Capacity (MWe-Net)	821.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,119.64	322,215.00
4. Number of Hours Generator On-line	744.00	5,082.57	316,773.10
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	613,440.56	4,156,425.44	219,683,380.82

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      PTN Unit 4 was at approximately 100% reactor power for the month.



**OPERATING DATA REPORT**

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201909

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating:	840.00		
2. Maximum Dependable Capacity (MWe-Net)	821.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,839.64	322,935.00
4. Number of Hours Generator On-line	720.00	5,802.57	317,493.10
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	598,635.49	4,755,060.93	220,282,016.31

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      PTN Unit 4 was at approximately 100% reactor power for the month.

**OPERATING DATA REPORT**

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: Elizabeth Tyger  
 PREPARER TELEPHONE: 706-848-3720

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1150.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	259,179.97
4. Number of Hours Generator On-line	744.00	5,087.00	256,702.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	858,994.00	6,002,389.00	292,946,615.50

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of	Cause - Corrective Action Comments
		F: Forced S: Scheduled			Shutting Down <sup>2</sup>	

SUMMARY                      No generation losses for the month.

**OPERATING DATA REPORT**

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1150.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,831.00	259,923.97
4. Number of Hours Generator On-line	744.00	5,831.00	257,446.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,511.00	6,857,900.00	293,802,126.50

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY                      Down power 8/8/19 1400 to 8/11/19 1300 related to condenser vacuum.

# OPERATING DATA REPORT

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating:	1169.00		
2. Maximum Dependable Capacity (MWe-Net)	1150.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	720.00	720.00	6,551.00
4. Number of Hours Generator On-line	720.00	720.00	6,551.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,877.00	831,877.00	7,689,777.00
			<b>Cumulative</b>
			260,643.97
			258,166.72
			0.00
			294,634,003.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      No loss in September. DES

**OPERATING DATA REPORT**

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: Elizabeth Tyger  
 PREPARER TELEPHONE: 706-848-3720

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	659.00	4,499.38	244,054.41
4. Number of Hours Generator On-line	634.97	4,404.69	242,352.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	723,675.00	5,170,210.00	277,565,126.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
V2F2019A	7/19/2019	F		109.03	A	3	replaced micro-switch 153A on MSIV 2HV3016B

SUMMARY Forced shutdown. Equipment failure. 7/19/19 - 7/23/19.

**OPERATING DATA REPORT**

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 706-848-3529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,243.38	244,798.41
4. Number of Hours Generator On-line	744.00	5,148.69	243,096.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	864,823.00	6,035,033.00	278,429,949.50

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				

SUMMARY                      No generation loss.

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: Daniel Stephens  
 PREPARER TELEPHONE: 7068483529

1. Design Electrical Rating: 1169.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	720.00	5,963.38	245,518.41
4. Number of Hours Generator On-line	720.00	5,868.69	243,816.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	839,706.00	6,874,739.00	279,269,655.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      No loss in September. DES

**OPERATING DATA REPORT**

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201907

PREPARER NAME: James Murphy  
 PREPARER TELEPHONE: 504-739-6236

1. Design Electrical Rating: 1173.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	737.10	3,110.28	260,894.10
4. Number of Hours Generator On-line	737.05	3,015.77	258,935.66
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	865,626.00	3,472,656.00	287,175,668.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
FO23-2	7/31/2019	F		6.95	A	1	On July 31, 2019 Waterford 3 performed a plant shutdown due to a crack associated with the drain line for CVC-186 growing beyond the allowable limit.

**SUMMARY**

In July 2019, there were unplanned generation losses of 10,463 MWH due to an unplanned plant shutdown. The shutdown was due to the CVC-186 drain line crack growing beyond the allowable limit. Ref CR-WF3-2019-6297.



**OPERATING DATA REPORT**

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201908

PREPARER NAME: James Murphy  
 PREPARER TELEPHONE: 504-739-6236

1. Design Electrical Rating: 1173.00  
 2. Maximum Dependable Capacity (MWe-Net) 1152.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	597.00	3,707.28	261,491.10
4. Number of Hours Generator On-line	585.25	3,601.02	259,520.91
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	675,470.00	4,148,126.00	287,851,138.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
FO23-2	7/31/2019	F		158.75	A	4	On July 31, 2019 Waterford 3 performed a plant shutdown due to a crack associated with the drain line for CVC-186 growing beyond the allowable limit.

**SUMMARY**

In August 2019, there were unplanned generation losses of 197,179 MWH. This is due to the continuation of the unplanned plant shutdown which occurred in July 2019. The plant exited the unplanned shutdown and synced to the grid on 8/7/2019 at 14:45.

**OPERATING DATA REPORT**

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201909

PREPARER NAME: James Murphy  
 PREPARER TELEPHONE: 504-739-6236

1. Design Electrical Rating:	1173.00		
2. Maximum Dependable Capacity (MWe-Net)	1152.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	4,427.28	262,211.10
4. Number of Hours Generator On-line	720.00	4,321.02	260,240.91
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	846,007.00	4,994,133.00	288,697,145.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

SUMMARY

There were no planned or unplanned generation losses for the month of September 2019.

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: C. A. Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating:	1173.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	184,599.17
4. Number of Hours Generator On-line	744.00	5,087.00	183,625.15
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,631.50	5,930,313.40	206,297,241.18

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 1 NRC Capacity Factor is 97.31% for the month of July 2019

**OPERATING DATA REPORT**

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: C. A. Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating:	1173.00		
2. Maximum Dependable Capacity (MWe-Net)	1157.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	740.92	5,827.92	185,340.09
4. Number of Hours Generator On-line	740.92	5,827.92	184,366.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	843,699.40	6,774,012.80	207,140,940.58

**UNIT SHUTDOWNS**

No.	Date	Type	Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
F02	8/31/2019	F	3.08	A	2	WBN Unit 1 was manually tripped due to a loss of control of #2 feed water regulating valve (1-FCV-3-48) . Repaired Valve LER 390-2019-003-00

## SUMMARY

Unit 1 NRC Capacity Factor is 98.01% for the month of August 2019

**OPERATING DATA REPORT**

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: C. A. Barker  
 PREPARER TELEPHONE: 432-365-1771

1. Design Electrical Rating: 1173.00  
 2. Maximum Dependable Capacity (MWe-Net) 1157.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	143.27	5,971.19	185,483.36
4. Number of Hours Generator On-line	0.00	5,827.92	184,366.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	6,774,012.80	207,140,940.58

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
F02	8/31/2019	F		720.00	A	4	WBN Unit 1 was manually tripped due to a loss of control of #2 feed water regulating valve (1-FCV-3-48) . Repaired Valve LER 390-2019-003-00

**SUMMARY**

Unit 1 NRC Capacity Factor is 0.0% for the month of September 2019

**OPERATING DATA REPORT**

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201907

PREPARER NAME: C. A Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating:	1170.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,221.06	18,900.50
4. Number of Hours Generator On-line	744.00	4,148.23	18,519.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,237.50	4,687,815.60	21,164,976.80

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 NRC Capacity Factor is 97.72% for the month of July 2019

**OPERATING DATA REPORT**

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201908

PREPARER NAME: C. A. Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating:	1170.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,965.06	19,644.50
4. Number of Hours Generator On-line	744.00	4,892.23	19,263.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	842,946.60	5,530,762.20	22,007,923.40

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 NRC Capacity Factor is 97.34% for the month of August 2019

**OPERATING DATA REPORT**

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201909

PREPARER NAME: C. A. Barker  
 PREPARER TELEPHONE: 423-365-1771

1. Design Electrical Rating:	1170.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	5,685.06	20,364.50
4. Number of Hours Generator On-line	720.00	5,612.23	19,983.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	811,628.20	6,342,390.40	22,819,551.60

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      Unit 2 NRC Capacity Factor is 96.84% for the month of September 2019



**OPERATING DATA REPORT**

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201907

PREPARER NAME: R D Benham  
 PREPARER TELEPHONE: 620-364-8831

1. Design Electrical Rating:	1200.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,087.00	256,456.43
4. Number of Hours Generator On-line	744.00	5,087.00	254,619.33
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	890,153.00	6,195,829.00	294,801,038.00

**UNIT SHUTDOWNS**

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					

## SUMMARY

The unit operated in mode 1, at or near 100% power from July 1 through July 31, 2019.

# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201908

PREPARER NAME: R D Benham  
 PREPARER TELEPHONE: 620-364-8831

1. Design Electrical Rating:	1200.00		
2. Maximum Dependable Capacity (MWe-Net)	1164.00		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	744.00	744.00	5,831.00
4. Number of Hours Generator On-line	744.00	744.00	5,831.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	893,065.00	893,065.00	7,088,894.00
			<b>Cumulative</b>
			257,200.43
			255,363.33
			339.80
			295,694,103.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason <sup>1</sup>	Method of Shutting Down <sup>2</sup>	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				

SUMMARY                      The unit operated in mode 1, at or near 100% power from August 1 through August 31, 2019.

**OPERATING DATA REPORT**

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201909

PREPARER NAME: R D Benham  
 PREPARER TELEPHONE: 620-364-8831

1. Design Electrical Rating: 1200.00  
 2. Maximum Dependable Capacity (MWe-Net) 1164.00

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	480.00	6,311.00	257,680.43
4. Number of Hours Generator On-line	480.00	6,311.00	255,843.33
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	570,296.00	7,659,190.00	296,264,399.00

**UNIT SHUTDOWNS**

<b>No.</b>	<b>Date</b>	<b>Type</b>		<b>Duration (Hours)</b>	<b>Reason<sup>1</sup></b>	<b>Method of Shutting Down<sup>2</sup></b>	<b>Cause - Corrective Action Comments</b>
		<b>F: Forced</b>	<b>S: Scheduled</b>				
19-01	9/21/2019		S	240.00	C	1	Plant shutdown for scheduled refueling outage

**SUMMARY**

The unit operated at or near 100% from September 1 through September 20, 2019. At approximately 1700 on September 20, the unit began coast down. On September 21, 2019 at 0000 the unit was taken offline for Refueling Outage 23.