

# OPERATING DATA REPORT

DOCKET: 313  
UNIT\_NME: ANO Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating: 850  
2. Maximum Dependable Capacity (MWe-Net) 836

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,788.77	309,118.34
4. Number of Hours Generator On-line	744.00	6,727.84	305,774.62
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	632,183.00	5,630,984.00	242,901,818.24

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated at or near full power for the entire month of October 2017.

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Michael K. Hall  
 PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating: 850  
 2. Maximum Dependable Capacity (MWe-Net) 836

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,509.77	309,839.34
4. Number of Hours Generator On-line	721.00	7,448.84	306,495.62
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	615,823.00	6,246,807.00	243,517,641.24

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The Unit began the month of March at or near full power. On November 3, 2017 power was reduced to approximately 85% for Throttle Valve Governor Valve Testing. Also, on November 3, 2017 power was increased to at or near full power. The Unit operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 313  
UNIT\_NME: ANO Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating: 850  
2. Maximum Dependable Capacity (MWe-Net) 836

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,253.77	310,583.34
4. Number of Hours Generator On-line	744.00	8,192.84	307,239.62
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	636,729.00	6,883,536.00	244,154,370.24

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated at or near full power for the entire month of December 2017.

# OPERATING DATA REPORT

DOCKET: 368  
UNIT\_NME: ANO Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	1032		
2. Maximum Dependable Capacity (MWe-Net)	988		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,890.27	279,050.11
4. Number of Hours Generator On-line	744.00	4,860.07	276,167.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	746,006.00	4,354,792.00	251,606,736.00

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated at or near full power for the entire month of October 2017.

# OPERATING DATA REPORT

DOCKET: 368  
UNIT\_NME: ANO Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	1032		
2. Maximum Dependable Capacity (MWe-Net)	988		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	5,611.27	279,771.11
4. Number of Hours Generator On-line	721.00	5,581.07	276,888.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	725,702.00	5,080,494.00	252,332,438.00

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated at or near full power for the entire month of November 2017.

# OPERATING DATA REPORT

DOCKET: 368  
UNIT\_NME: ANO Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: Michael K. Hall  
PREPARER TELEPHONE: 4798584438

1. Design Electrical Rating:	1032		
2. Maximum Dependable Capacity (MWe-Net)	988		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,355.27	280,515.11
4. Number of Hours Generator On-line	744.00	6,325.07	277,632.36
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	750,578.00	5,831,072.00	253,083,016.00

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated at or near full power for the entire month of December 2017.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating: 963  
 2. Maximum Dependable Capacity (MWe-Net) 908

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,295.00	280,993.10
4. Number of Hours Generator On-line	744.00	7,295.00	278,068.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	690,504.00	6,758,529.00	224,725,063.80

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY BVPS-1 operated at full power the entire month.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating: 963  
 2. Maximum Dependable Capacity (MWe-Net) 908

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	603.85	7,898.85	281,596.95
4. Number of Hours Generator On-line	584.57	7,879.57	278,652.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	539,742.00	7,298,271.00	225,264,805.80

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1	11/7/2017	F		136.43	A	3	Rx trip and subsequent forced outage due to ground in Iso Phase Bus.

SUMMARY BVPS-1 operated at full power for most of the month except for a Reactor trip and subsequent forced outage on 11/7/17 due to a ground in the Iso Phase Bus.



# OPERATING DATA REPORT

DOCKET: 334  
UNIT\_NME: Beaver Valley Unit 1  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 963  
2. Maximum Dependable Capacity (MWe-Net) 908

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,642.85	282,340.95
4. Number of Hours Generator On-line	744.00	8,623.57	279,396.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	700,904.00	7,999,175.00	225,965,709.80

## UNIT SHUTDOWNS

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

SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating: 960  
 2. Maximum Dependable Capacity (MWe-Net) 905

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	6,618.76	230,677.16
4. Number of Hours Generator On-line	744.00	6,592.72	229,647.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	682,750.00	5,954,237.00	191,314,347.50

## UNIT SHUTDOWNS

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

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

# OPERATING DATA REPORT

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating:	960		
2. Maximum Dependable Capacity (MWe-Net)	905		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,339.76	231,398.16
4. Number of Hours Generator On-line	721.00	7,313.72	230,368.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,112.00	6,622,349.00	191,982,459.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY BVPS-2 operated at full power for most of the month with an unplanned down power on 11/9/17 to repair [2MSS-FCV100A] and a planned down power on 11/18/17 for Turbine Valve Testing.

# OPERATING DATA REPORT

DOCKET: 412  
 UNIT\_NME: Beaver Valley Unit 2  
 RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 960  
 2. Maximum Dependable Capacity (MWe-Net) 905

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,083.76	232,142.16
4. Number of Hours Generator On-line	744.00	8,057.72	231,112.11
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	689,978.00	7,312,327.00	192,672,437.50

## UNIT SHUTDOWNS

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

SUMMARY BVPS-2 operated at a nominal value of 100% power for the entire month except for 5.2 hours at approximately 96% power to repair the "B" 1st Point Heater Normal Level Control Valve.

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Mary McCague  
 PREPARER TELEPHONE: 815-417-3880

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1166		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	230,669.86
4. Number of Hours Generator On-line	744.00	7,271.73	229,513.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	902,809.00	8,790,538.00	260,096,823.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power for the entire month, except for 10/20/2017 FW Regulating valve issue 229 MWe Loss (Unplanned), 10/23/2017 1B FW Pp issue 134 MWe loss (unplanned), 10/26/2017 load following 121 MWe loss (not counted).

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: M. McCague  
 PREPARER TELEPHONE: 815/417-3880

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1166		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	231,390.86
4. Number of Hours Generator On-line	721.00	7,992.73	230,234.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,337.00	9,670,875.00	260,977,160.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 operated at full power for the entire month of November.

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: David Johnson  
 PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1166		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	232,134.86
4. Number of Hours Generator On-line	744.00	8,736.73	230,978.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	908,318.00	10,579,193.00	261,885,478.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power the entire month.

# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Mary McCague  
 PREPARER TELEPHONE: 815-417-3880

1. Design Electrical Rating:	1241		
2. Maximum Dependable Capacity (MWe-Net)	1144		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,666.95	234,532.89
4. Number of Hours Generator On-line	744.00	6,652.51	233,626.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	870,978.00	7,670,869.00	261,313,624.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power accept for economic load following; 10/2/2017 1,740 MWe loss not counted, 10/13/2017 444 MWe loss not counted, 10/15/2017 3,498 MWe loss not counted and 10/27/2017 81 MWe loss not counted.



# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: M. McCague  
 PREPARER TELEPHONE: 815/417-3880

1. Design Electrical Rating:	1241		
2. Maximum Dependable Capacity (MWe-Net)	1144		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,387.95	235,253.89
4. Number of Hours Generator On-line	721.00	7,373.51	234,347.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,756.00	8,524,625.00	262,167,380.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 operated at full power for the full cycle except for TVGV testing which resulted in 677 MWe loss (planned).

# OPERATING DATA REPORT

DOCKET: 457  
UNIT\_NME: Braidwood Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: David Johnson  
PREPARER TELEPHONE: 815-417-2478

1. Design Electrical Rating:	1241		
2. Maximum Dependable Capacity (MWe-Net)	1144		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,131.95	235,997.89
4. Number of Hours Generator On-line	744.00	8,117.51	235,091.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	881,605.00	9,406,230.00	263,048,985.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power the entire month.

# OPERATING DATA REPORT

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1101		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	144,566.83
4. Number of Hours Generator On-line	744.00	7,295.00	142,518.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	843,375.70	8,123,942.00	144,731,550.01

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1101		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	145,287.83
4. Number of Hours Generator On-line	721.00	8,016.00	143,239.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	824,387.00	8,948,329.00	145,555,937.01

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1101		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	146,031.83
4. Number of Hours Generator On-line	744.00	8,760.00	143,983.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,022.30	9,801,351.30	146,408,959.31

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1104		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,490.80	268,771.71
4. Number of Hours Generator On-line	744.00	6,474.80	265,362.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	835,823.70	6,734,440.00	274,653,693.71

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1104		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,211.80	269,492.71
4. Number of Hours Generator On-line	721.00	7,195.80	266,083.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	814,947.00	7,549,387.00	275,468,640.71

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1104		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,955.80	270,236.71
4. Number of Hours Generator On-line	744.00	7,939.80	266,827.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,078.30	8,395,465.30	276,314,719.01

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201710

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1105		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	225,482.26
4. Number of Hours Generator On-line	744.00	7,295.00	223,382.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	818,895.70	8,031,030.00	235,435,154.44

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201711

PREPARER NAME: Amanda Ledford  
PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1105		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	226,203.26
4. Number of Hours Generator On-line	721.00	8,016.00	224,103.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	789,331.00	8,820,361.00	236,224,485.44

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 296  
 UNIT\_NME: Browns Ferry Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating:	1120		
2. Maximum Dependable Capacity (MWe-Net)	1105		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	226,947.26
4. Number of Hours Generator On-line	744.00	8,760.00	224,847.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	830,702.30	9,651,063.30	237,055,187.74

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201710

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

1. Design Electrical Rating: 983  
2. Maximum Dependable Capacity (MWe-Net) 938

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,238.43	281,168.27
4. Number of Hours Generator On-line	744.00	7,219.68	275,839.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	705,199.00	6,803,596.00	227,821,560.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201711

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

1. Design Electrical Rating: 983  
2. Maximum Dependable Capacity (MWe-Net) 938

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,959.43	281,889.27
4. Number of Hours Generator On-line	721.00	7,940.68	276,560.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	682,417.00	7,486,013.00	228,503,977.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 983  
2. Maximum Dependable Capacity (MWe-Net) 938

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,703.43	282,633.27
4. Number of Hours Generator On-line	744.00	8,684.68	277,304.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	693,105.00	8,179,118.00	229,197,082.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201710

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

1. Design Electrical Rating: 980  
2. Maximum Dependable Capacity (MWe-Net) 932

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,645.08	290,103.22
4. Number of Hours Generator On-line	744.00	6,544.85	282,921.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	689,843.00	5,821,565.00	225,050,551.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201711

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

1. Design Electrical Rating: 980  
2. Maximum Dependable Capacity (MWe-Net) 932

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,366.08	290,824.22
4. Number of Hours Generator On-line	721.00	7,265.85	283,642.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	675,820.00	6,497,385.00	225,726,371.00

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 980  
2. Maximum Dependable Capacity (MWe-Net) 932

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,110.08	291,568.22
4. Number of Hours Generator On-line	744.00	8,009.85	284,386.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	693,652.00	7,191,037.00	226,420,023.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: David Eder  
 PREPARER TELEPHONE: 815 406-2194

1. Design Electrical Rating:	1213		
2. Maximum Dependable Capacity (MWe-Net)	1157		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,645.05	252,624.16
4. Number of Hours Generator On-line	744.00	6,633.20	251,387.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	886,824.00	7,829,939.00	277,827,818.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: David Eder  
 PREPARER TELEPHONE: 815 406-2194

1. Design Electrical Rating:	1213		
2. Maximum Dependable Capacity (MWe-Net)	1157		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,366.05	253,345.16
4. Number of Hours Generator On-line	721.00	7,354.20	252,108.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	865,560.00	8,695,499.00	278,693,378.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: David Eder  
 PREPARER TELEPHONE: 815 406-2194

1. Design Electrical Rating:	1213		
2. Maximum Dependable Capacity (MWe-Net)	1157		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,110.05	254,089.16
4. Number of Hours Generator On-line	744.00	8,098.20	252,852.88
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	897,535.00	9,593,034.00	279,590,913.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: David Eder  
 PREPARER TELEPHONE: 815 406-2194

1. Design Electrical Rating:	1186.4		
2. Maximum Dependable Capacity (MWe-Net)	1127		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	286.92	6,837.92	245,458.98
4. Number of Hours Generator On-line	278.83	6,829.83	244,399.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	273,246.00	7,837,177.00	267,562,991.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
B2R20	10/2/2017		S	465.17	C	1		Scheduled shutdown for Unit 2 Refueling Outage, B2R20

SUMMARY Unit 2 started and completed refueling outage B2R20 from 10/2/17 to 10/21/17.  
 Exempt Energy Loss for unit 2  
 10/1/17 - 5,477 MWhrs - Ramp down for B2R20  
 10/21/17 - 28,428 MWhrs - Ramp up after B2R20

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: David Eder  
 PREPARER TELEPHONE: 815 406-2194

1. Design Electrical Rating:	1186.4		
2. Maximum Dependable Capacity (MWe-Net)	1127		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,558.92	246,179.98
4. Number of Hours Generator On-line	721.00	7,550.83	245,120.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,620.00	8,684,797.00	268,410,611.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: David Eder  
 PREPARER TELEPHONE: 815 406-2194

1. Design Electrical Rating:	1186.4		
2. Maximum Dependable Capacity (MWe-Net)	1127		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,302.92	246,923.98
4. Number of Hours Generator On-line	744.00	8,294.83	245,864.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	875,218.00	9,560,015.00	269,285,829.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating:	1228		
2. Maximum Dependable Capacity (MWe-Net)	1190		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	145.88	6,696.88	258,611.53
4. Number of Hours Generator On-line	144.68	6,695.68	255,960.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	162,788.00	7,994,542.00	292,935,964.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
62	10/7/2017	S		599.32	C	1	Callaway Plant continued the Tave and power coastdown from September 2017, reducing reactor power from approximately 97% to 95% by 2000 on October 6, at which time a 30% per hour power rampdown commenced in preparation for Refuel 22. The main turbine / generator was manually tripped at 0041 on October 7, and the reactor was manually tripped and taken subcritical by 0153. Callaway Plant remained in a shutdown condition for the remainder of October and November 2017. At the end of Refuel 22, Callaway Plant achieved criticality at 0003 on 12/18/2017 and the main generator output breaker was closed at 1233 on 12/19/2017..

**SUMMARY** Callaway Plant continued the Tave and power coastdown from September 2017, reducing reactor power from approximately 97% to 95% by 2000 on October 6, at which time a 30% per hour power rampdown commenced in preparation for Refuel 22. The main turbine / generator was manually tripped at 0041 on October 7, and the reactor was manually tripped and taken subcritical by 0153. Callaway Plant remained in a shutdown condition for Refuel 22 for the remainder of October 2017.



# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating: 1228  
 2. Maximum Dependable Capacity (MWe-Net) 1190

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	6,696.88	258,611.53
4. Number of Hours Generator On-line	0.00	6,695.68	255,960.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	7,994,542.00	292,935,964.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
62	10/7/2017		S	721.00	C	4	Callaway Plant continued the Tave and power coastdown from September 2017, reducing reactor power from approximately 97% to 95% by 2000 on October 6, at which time a 30% per hour power rampdown commenced in preparation for Refuel 22. The main turbine / generator was manually tripped at 0041 on October 7, and the reactor was manually tripped and taken subcritical by 0153. Callaway Plant remained in a shutdown condition for the remainder of October and November 2017. At the end of Refuel 22, Callaway Plant achieved criticality at 0003 on 12/18/2017 and the main generator output breaker was closed at 1233 on 12/19/2017..

SUMMARY Callaway Plant remained in a shutdown condition for Refuel 22 for the duration of November 2017.

# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201712

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

1. Design Electrical Rating:	1228		
2. Maximum Dependable Capacity (MWe-Net)	1190		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	335.95	7,032.83	258,947.48
4. Number of Hours Generator On-line	299.45	6,995.13	256,259.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	343,912.00	8,338,454.00	293,279,876.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
62	10/7/2017		S	444.55	C	4	Callaway Plant continued the Tave and power coastdown from September 2017, reducing reactor power from approximately 97% to 95% by 2000 on October 6, at which time a 30% per hour power rampdown commenced in preparation for Refuel 22. The main turbine / generator was manually tripped at 0041 on October 7, and the reactor was manually tripped and taken subcritical by 0153. Callaway Plant remained in a shutdown condition for the remainder of October and November 2017. At the end of Refuel 22, Callaway Plant achieved criticality at 0003 on 12/18/2017 and the main generator output breaker was closed at 1233 on 12/19/2017..

**SUMMARY** Callaway Plant continued in a planned outage for RF 22 until 0041 on 12/06/2017, and afterward in an unplanned outage extension (to complete the main generator stator rewind) until closure of the main generator output breaker at 1233 on 12/19/2017. Ascension to 100% power following RF 22 was completed at 1255 on 12/23/2017. Callaway Plant operated at essentially 100% power for the remainder of December 2017.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating:	845		
2. Maximum Dependable Capacity (MWe-Net)	862.9		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	306,504.70
4. Number of Hours Generator On-line	744.00	7,295.00	302,875.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	659,642.00	6,510,090.00	254,670,340.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit began the month at 100% power.  
 On 10/27/2017 at 1145, power was reduced to 95% for Condenser Waterbox cleaning. MWH losses associated with this cleaning are exempt from the INPO Online Reliability Loss Factor indicator.  
 On 10/28/2017 at 0215, power was restored to 100%.  
 The unit operated the remainder of the month at 100% power.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating:	845		
2. Maximum Dependable Capacity (MWe-Net)	862.9		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	307,225.70
4. Number of Hours Generator On-line	721.00	8,016.00	303,596.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,715.00	7,158,805.00	255,319,055.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit began the month at 100% power.  
 On 11/28/2017, electric output was reduced at 100% power to perform condenser waterbox cleaning. The MWH losses associated with this work are Exempt from the INPO ORLF indicator.  
 On 11/29/2017, electric output was reduced at 100% power to perform condenser waterbox cleaning. The MWH losses associated with this work are Exempt from the INPO ORLF indicator.  
 On 11/30/2017 at 0300, power was reduced to 98.5% to secure 12 Heater Drain Pump for scheduled maintenance. On 11/30/2017 at 0800, power was restored to 100%.  
 On 11/30/2017, electric output was reduced at 100% power to perform condenser tube cleaning. The MWH losses associated with this work are Exempt from the INPO ORLF indicator.  
 The unit operated the remainder of the month at 100% power.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201712

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

1. Design Electrical Rating:	845		
2. Maximum Dependable Capacity (MWe-Net)	862.9		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	8,760.00	307,969.70
4. Number of Hours Generator On-line	744.00	8,760.00	304,340.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	673,626.00	7,832,431.00	255,992,681.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit began the month at 100% power.  
 On 12/1/2017 at 0000, power was reduced to 98.5% to start 12 Heater Drain Pump following planned maintenance. On 12/1/2017 at 0300, power was restored to 100%.  
 On 12/1/2017 at 0000, MWe losses without a power reduction continued for Condenser tube bulleting already in progress. These losses are Exempt from the INPO ORLF indicator.  
 On 12/2/2017 at 0800, power was reduced to 81.4% for planned Turbine Valve Testing. On 12/2/2017 at 1500, power was restored to 100%. MWH losses associated with this event are Exempt from the INPO ORLF indicator.  
 On 12/3/2017 at 0730, power was reduced to 98.9% to support restoring 16 Circulating Water Pump to service following Condenser tube bulleting. On 12/3/2017 at 1130, power was restored to 100%.  
 The unit operated the remainder of the month at 100% power.

# OPERATING DATA REPORT

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating: 845  
 2. Maximum Dependable Capacity (MWe-Net) 855

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	6,809.17	300,750.70
4. Number of Hours Generator On-line	744.00	6,791.97	298,501.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	656,909.00	5,961,483.00	249,942,323.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated the entire month at 100% power.

# OPERATING DATA REPORT

DOCKET: 318  
UNIT\_NME: Calvert Cliffs Unit 2  
RPT\_PERIOD: 201711

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

1. Design Electrical Rating: 845  
2. Maximum Dependable Capacity (MWe-Net) 855

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,530.17	301,471.70
4. Number of Hours Generator On-line	721.00	7,512.97	299,222.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	646,847.00	6,608,330.00	250,589,170.00

## UNIT SHUTDOWNS

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

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

# OPERATING DATA REPORT

DOCKET: 318  
UNIT\_NME: Calvert Cliffs Unit 2  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 845  
2. Maximum Dependable Capacity (MWe-Net) 855

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,274.17	302,215.70
4. Number of Hours Generator On-line	744.00	8,256.97	299,966.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	669,969.00	7,278,299.00	251,259,139.00

## UNIT SHUTDOWNS

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

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



# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1190		
2. Maximum Dependable Capacity (MWe-Net)	1160		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,741.55	246,744.16
4. Number of Hours Generator On-line	744.00	6,713.73	244,414.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,923.00	7,795,294.00	275,401,379.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Catawba Unit 1 began and concluded the month of October 2017 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: 201711

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1190		
2. Maximum Dependable Capacity (MWe-Net)	1160		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,462.55	247,465.16
4. Number of Hours Generator On-line	721.00	7,434.73	245,135.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	853,213.00	8,648,507.00	276,254,592.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Catawba Unit 1 began the month of November 2017 operating at or near 100% Full Power.  
 At 0846 on 11/18/17, 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 0926 on 11/18/17.  
 At 1013 on 11/18/17, power reduction from 98.5% Full Power was initiated by failure of Condenser Steam Dump Valves to open during attempt to configure Main Turbine Control Valves for movement testing.  
 Power reduction was halted at 97% Full Power at 1017 on 11/18/17 by termination of test alignment effort.  
 At 1334 on 11/18/17, following decision to postpone Main Turbine C/V Movement Test pending resolution of Condenser Dump Valve malfunction, power escalation was commenced from 97% Full Power.  
 100% Full Power was subsequently reached at 1857 on 11/18/17, and Unit 1 operated at or near 100% Full Power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1190		
2. Maximum Dependable Capacity (MWe-Net)	1160		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,206.55	248,209.16
4. Number of Hours Generator On-line	744.00	8,178.73	245,879.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	880,798.00	9,529,305.00	277,135,390.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Catawba Unit 1 began the month of December 2017 operating at or near 100% Full Power.  
 At 0850 on 12/16/17, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing.  
 Power reduction was halted at 98% Full Power at 0927 on 12/16/17.  
 At 1235 on 12/16/17, power escalation was commenced from 98% Full Power.  
 100% Full Power was subsequently reached at 1438 on 12/16/17, 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: 201710

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1180		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	240,732.01
4. Number of Hours Generator On-line	744.00	7,295.00	238,855.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	864,272.00	8,462,198.00	269,680,470.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Catawba Unit 2 began and concluded the month of October 2017 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1180		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	241,453.01
4. Number of Hours Generator On-line	721.00	8,016.00	239,576.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	842,672.00	9,304,870.00	270,523,142.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Catawba Unit 2 began and concluded the month of November 2017 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Carrie Wilson  
 PREPARER TELEPHONE: 803-701-3014

1. Design Electrical Rating:	1180		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	242,197.01
4. Number of Hours Generator On-line	744.00	8,760.00	240,320.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	872,508.00	10,177,378.00	271,395,650.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Catawba Unit 2 began the month of December 2017 operating at or near 100% Full Power.  
 At 1019 on 12/9/17, power reduction from 100% Full Power was commenced for performance of Main Turbine Control Valve Movement periodic testing.  
 Power reduction was halted at 98% Full Power at 1111 on 12/9/17.  
 At 1418 on 12/9/17, power escalation was commenced from 98% Full Power.  
 100% Full Power was subsequently reached at 2039 on 12/9/17, and Unit 2 operated at or near 100% Full Power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Jeff Ufert  
PREPARER TELEPHONE: 2179374442

1. Design Electrical Rating: 1062  
2. Maximum Dependable Capacity (MWe-Net) 1022

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,711.05	212,957.93
4. Number of Hours Generator On-line	744.00	6,626.75	209,726.04
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	797,059.12	6,960,047.39	204,110,713.17

## UNIT SHUTDOWNS

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

SUMMARY There were 231 MWHrs that were lost due to Load Following (Advance Nuclear Dispatch) that do not fall into any category

# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Jeff Ufert  
PREPARER TELEPHONE: 2179374442

1. Design Electrical Rating: 1062  
2. Maximum Dependable Capacity (MWe-Net) 1022

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,432.05	213,678.93
4. Number of Hours Generator On-line	721.00	7,347.75	210,447.04
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	772,977.72	7,733,025.11	204,883,690.89

## UNIT SHUTDOWNS

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

SUMMARY There were no energy losses for November 2017.



# OPERATING DATA REPORT

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Jeff Ufert  
 PREPARER TELEPHONE: 217-937-4442

1. Design Electrical Rating: 1062  
 2. Maximum Dependable Capacity (MWe-Net) 1022

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	619.13	8,051.18	214,298.06
4. Number of Hours Generator On-line	586.72	7,934.47	211,033.76
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	624,864.00	8,357,889.11	205,508,554.89

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
C1F61	12/9/2017	F		157.28	A	2	Dry-type transformer failed. Transformer replaced

**SUMMARY** Clinton Power Station experienced a Manual SCRAM in December 2017 (C1F61) that caused a loss of 181794 MWh. Control Rod adjustments were 242 MWh of planned energy losses.

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1116		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,221.25	235,330.26
4. Number of Hours Generator On-line	744.00	6,082.93	230,615.31
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	858,052.01	6,419,660.19	238,976,605.74

## UNIT SHUTDOWNS

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

SUMMARY Columbia operated at 100% during the month of October except for a downpower to 61% for Control Rod Sequence Exchange and Turbine Governor Valve Testing (Exempt - 2.1.11.c Plant Equipment Testing), a downpower to 80% for Control Rod Sequence Exchange (Exempt - 2.1.11.c Plant Equipment Testing), and a downpower to 97% for Control Rod and Bypass Valve Testing (Exempt - 2.1.11.c Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Unit 2  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1116		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,942.25	236,051.26
4. Number of Hours Generator On-line	721.00	6,803.93	231,336.31
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	841,597.34	7,261,257.53	239,818,203.08

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Columbia operated at 100% during the month of November except for a downpower to 96% for Control Rod and Main Steam Isolation Valve Testing (Exempt - 2.1.11.c Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 397  
UNIT\_NME: Columbia Unit 2  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 1174  
2. Maximum Dependable Capacity (MWe-Net) 1116

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,686.25	236,795.26
4. Number of Hours Generator On-line	744.00	7,547.93	232,080.31
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	867,003.34	8,128,260.87	240,685,206.42

## UNIT SHUTDOWNS

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

SUMMARY Columbia operated at 100% during the month of December except for a downpower to 90% for Control Rod Sequence Exchange (Exempt - 2.1.11.c Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1218		
2. Maximum Dependable Capacity (MWe-Net)	1205		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	180.00	6,731.00	216,417.01
4. Number of Hours Generator On-line	180.00	6,731.00	215,254.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	200,366.00	8,222,578.00	243,975,573.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1-19-1	10/8/2017		S	564.00	C	1	Refueling outage 1RF19 shutdown maintenance activities included: Full core offload 193 of 193 fuel assemblies (FA), FA insert shuffles, core reload with 92 new FA. Installation of new RCP 1-04 motor, Reactor Vessel Hot Leg UT inspection, Steam Generator Eddy current inspections, Cleaning and Inspection of Train B Electrical Busses. Replacement of Condensate 1-02 and TPCW 1-02 motors and installation of new plant computer monitors on Unit 1 Control Boards.

**SUMMARY** Unit 1 began the month at 98.8% reactor, 1249 MWe turbine power, end-of-life power coastdown in progress. On 10/8/17 at 08:59, operators began ramping the unit to about 23% reactor, 198 MWe turbine power to begin main turbine cooldown. At 10:49, main turbine cooldown commenced. (SPEL = 2168.82 MWh) At 12:00, operators manually tripped the reactor per normal station shutdown procedures to enter MODE 3 and commence refueling outage 1RF19. At 18:30, the same day, entered MODE 4. On 10/09 at 00:36, entered MODE 5. On 10/11/17 at 14:27, entered MODE 6. On 10/17/17 at 02:06, commenced core offload to the spent fuel pool. On 10/20 at 16:05, completed core offload and entered NO MODE. On 10/23/17 at 12:06, entered MODE 6 for core reload. On 10/24/17 at 23:57, core reload completed. On 10/29 at 06:32, entered MODE 5. Unit 1 ended the month shutdown in MODE 5, refueling outage 1RF19 in progress.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1218		
2. Maximum Dependable Capacity (MWe-Net)	1205		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	597.00	7,328.00	217,014.01
4. Number of Hours Generator On-line	577.70	7,308.70	215,831.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,146.00	8,876,724.00	244,629,719.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1-19-1	10/8/2017	S	143.30	C	4	Refueling outage 1RF19 shutdown maintenance activities included: Full core offload 193 of 193 fuel assemblies (FA), FA insert shuffles, core reload with 92 new FA. Installation of new RCP 1-04 motor, Reactor Vessel Hot Leg UT inspection, Steam Generator Eddy current inspections, Cleaning and Inspection of Train B Electrical Busses. Replacement of Condensate 1-02 and TPCW 1-02 motors and installation of new plant computer monitors on Unit 1 Control Boards.

**SUMMARY** Unit 1 began the month shutdown in MODE 5, refueling outage 1RF19 in progress. On 11/2/17 at 22:30 entered MODE 4. On 11/03/17 at 18:03 entered MODE 3. On 11/06/17 at 01:00, entered MODE 2 and the reactor was declared CRITICAL at 03:00. Entered MODE 1 at 17:33 the same day and synchronized to the grid at 22:18, ending refueling outage, 1RF19. Unit 1 completed the post outage return to power ramp and returned to 100% reactor power on 11/10/17 at 19:00 (EREL = 41787.66 MWh). On 11/29/17 at 01:40, operators conducted OPT-206A, routine TDAFWP 1-01 operability testing (EREL = 5.65 MWh). Unit 1 ended the month at 100% reactor, 1280 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: G. D. LYTLE  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1218		
2. Maximum Dependable Capacity (MWe-Net)	1205		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,072.00	217,758.01
4. Number of Hours Generator On-line	744.00	8,052.70	216,575.83
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	918,463.00	9,795,187.00	245,548,182.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 began the month at 100% reactor, 1279 MWe turbine power.  
 Unit 1 ended the month at 100% reactor, 1280 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	4,849.13	194,355.88
4. Number of Hours Generator On-line	744.00	4,796.72	193,509.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	902,938.00	5,635,796.00	221,253,114.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month at 100% reactor, 1256 MWE turbine power. On 10/26 at 21:51, operators conducted OPT-206B, routine TDAFWP 2-01 operability testing. (SPEL = 4.67 MWh) Unit 2 ended the month at 100% reactor 1265 MWe turbine power.



# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: G.D. Lytle  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	621.12	5,470.25	194,977.00
4. Number of Hours Generator On-line	611.80	5,408.52	194,121.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	727,799.00	6,363,595.00	221,980,913.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
2-17-5	11/25/2017	F	S	109.20	A	2		Troubleshoot Mark V Controller for reasons associated with both MFP trips. Restored loose connections, replaced C-Core I/O board, Replaced SSPS switch S810, inspected relays 2-K752-A and 2-K812-A.

**SUMMARY** Unit 2 began the month at 100% reactor, 1265 MWe turbine power. On 11/25/17 at 20:23, control room operators manually tripped the reactor and entered MODE 3, upon the loss of both main feedwater pumps (MFP). The cause of the MFPs tripping was indeterminate after significant evaluation (IR-2017-12952). On 11/29/17 at 23:40, entered MODE 2. On 11/30/17 at 00:16, the reactor was declared CRITICAL, followed by MODE 1 entry at 03:35, synchronization to the grid at 09:35, and commencing the return to 100% reactor power the same day. Unit 2 ended the month at 48% reactor, 505 MWe turbine power with the return to full power rampup in progress.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: G. D. LYTLE  
 PREPARER TELEPHONE: 254-897-5455

1. Design Electrical Rating:	1207		
2. Maximum Dependable Capacity (MWe-Net)	1195		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,214.25	195,721.00
4. Number of Hours Generator On-line	744.00	6,152.52	194,865.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	899,161.00	7,262,756.00	222,880,074.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 began the month at 48% reactor, 505 MWe turbine power. On 12/01/17 at 05:50, commenced ramp, continued ramp to full power operation. At 18:45, the same day, Unit 1 returned to 100% reactor, 1265 MWe turbine power. On 12/21/17 at 09:43, operators performed OPT-206B, routine TDAFWP 2-01 surveillance testing (EREL losses = 9.16 MWh). Unit 2 ended the month at 100% reactor, 1267 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Todd Sorensen  
 PREPARER TELEPHONE: 269-465-5901 x1223

1. Design Electrical Rating: 1084  
 2. Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	6,119.02	273,718.80
4. Number of Hours Generator On-line	0.00	6,119.02	270,581.87
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	0.00	6,424,912.00	262,638,486.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
371	9/13/2017		S	744.00	C	4	Rx/Gen trip occurred on 09/13/2017 at 00:01 to begin planned U1C28 refueling outage.

SUMMARY Planned Refueling Outage U1C28

# OPERATING DATA REPORT

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Todd Sorensen  
 PREPARER TELEPHONE: 269-465-5901 x1223

1. Design Electrical Rating: 1084  
 2. Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	96.20	6,215.22	273,815.00
4. Number of Hours Generator On-line	69.28	6,188.30	270,651.15
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	30,630.00	6,455,542.00	262,669,116.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
371	9/13/2017		S	651.72	C	4	Rx/Gen trip occurred on 09/13/2017 at 00:01 to begin planned U1C28 refueling outage.

SUMMARY Rx taken critical on 11/26/17 at 23:48. Generator synch on 11/28/17 02:43.

# OPERATING DATA REPORT

DOCKET: 315  
 UNIT\_NME: Cook Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Todd D. Sorensen  
 PREPARER TELEPHONE: (269) 465-5901 x1223

1. Design Electrical Rating:	1084		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,959.22	274,559.00
4. Number of Hours Generator On-line	744.00	6,932.30	271,395.15
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	804,540.00	7,260,082.00	263,473,656.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Rx reached 100% 12/2/2017 0020hrs  
 Power Change 12/23/2017 TDAFP testing.

# OPERATING DATA REPORT

DOCKET: 316  
UNIT\_NME: Cook Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Todd Sorensen  
PREPARER TELEPHONE: 269-465-5901 x1223

1. Design Electrical Rating:	1194		
2. Maximum Dependable Capacity (MWe-Net)	1168		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,288.85	257,935.81
4. Number of Hours Generator On-line	744.00	7,251.67	253,475.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	888,698.00	8,552,285.00	261,231,913.60

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 316  
UNIT\_NME: Cook Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Todd Sorensen  
PREPARER TELEPHONE: 269-465-5901 x1223

1. Design Electrical Rating:	1194		
2. Maximum Dependable Capacity (MWe-Net)	1168		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,009.85	258,656.81
4. Number of Hours Generator On-line	721.00	7,972.67	254,196.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	875,342.00	9,427,627.00	262,107,255.60

## UNIT SHUTDOWNS

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

SUMMARY No Comments

# OPERATING DATA REPORT

DOCKET: 316  
UNIT\_NME: Cook Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: Todd D. Sorensen  
PREPARER TELEPHONE: (269) 465-5901 x1223

1. Design Electrical Rating:	1194		
2. Maximum Dependable Capacity (MWe-Net)	1168		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,753.85	259,400.81
4. Number of Hours Generator On-line	744.00	8,716.67	254,940.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	904,466.00	10,332,093.00	263,011,721.60

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 Turbine Control Valve Testing on 12/8/2017.



# OPERATING DATA REPORT

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating:	815		
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	7,295.00	311,433.85
4. Number of Hours Generator On-line	744.00	7,276.42	307,962.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	598,546.00	5,743,229.73	219,063,378.03

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating:	815			
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	721.00	8,016.00	312,154.85	
4. Number of Hours Generator On-line	721.00	7,997.42	308,683.39	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	567,434.00	6,310,663.73	219,630,812.03	

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
UNIT\_NME: Cooper Unit 1  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating:	815		
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	8,760.00	312,898.85
4. Number of Hours Generator On-line	744.00	8,741.42	309,427.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	601,713.00	6,912,376.73	220,232,525.03

## UNIT SHUTDOWNS

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

SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating:	908		
2. Maximum Dependable Capacity (MWe-Net)	894		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	254,179.96
4. Number of Hours Generator On-line	744.00	7,295.00	250,686.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	674,261.00	6,542,299.00	213,771,025.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit remained at approximately full power the entire month.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201711

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

1. Design Electrical Rating:	908		
2. Maximum Dependable Capacity (MWe-Net)	894		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	254,900.96
4. Number of Hours Generator On-line	721.00	8,016.00	251,407.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	656,854.00	7,199,153.00	214,427,879.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** On November 4, 2017, a planned downpower to approximately 97% power was conducted for Moderator Temperature Coefficient Measurement Testing. The unit remained at approximately full power the entire month.

# OPERATING DATA REPORT

DOCKET: 346  
UNIT\_NME: Davis-Besse Unit 1  
RPT\_PERIOD: 201712

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

1. Design Electrical Rating: 908  
2. Maximum Dependable Capacity (MWe-Net) 894

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	255,644.96
4. Number of Hours Generator On-line	744.00	8,760.00	252,151.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	677,280.00	7,876,433.00	215,105,159.40

## UNIT SHUTDOWNS

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

SUMMARY On December 3, a planned downpower to approximately 95% power was conducted to support Control Rod Exercise Testing and Main Turbine Valve Testing. 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: 201710

PREPARER NAME: M. Richardson  
PREPARER TELEPHONE: 805-545-4557

1. Design Electrical Rating:	1138		
2. Maximum Dependable Capacity (MWe-Net)	1122		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,887.90	253,680.92
4. Number of Hours Generator On-line	744.00	5,831.00	251,492.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,463.00	6,537,590.00	269,675,218.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of October 2017.

# OPERATING DATA REPORT

DOCKET: 275  
UNIT\_NME: Diablo Canyon Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: R.Thatipamala  
PREPARER TELEPHONE: 805-433-3933

1. Design Electrical Rating:	1138		
2. Maximum Dependable Capacity (MWe-Net)	1122		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,608.90	254,401.92
4. Number of Hours Generator On-line	721.00	6,552.00	252,213.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	821,161.00	7,358,751.00	270,496,379.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of November 2017.



# OPERATING DATA REPORT

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Rama Thatipamala  
 PREPARER TELEPHONE: 805-433-3933

1. Design Electrical Rating:	1138		
2. Maximum Dependable Capacity (MWe-Net)	1122		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,352.90	255,145.92
4. Number of Hours Generator On-line	744.00	7,296.00	252,957.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	845,792.00	8,204,543.00	271,342,171.00

## UNIT SHUTDOWNS

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

**SUMMARY** Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of December 2017. On 12/15/17 Unit 1 commenced a manual curtailment ramp-down to approximately 89% power to conduct semiannual STP M-21C Main Turbine Control Valve test and ramped-up to full power after completion of the test.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: M. Richardson  
 PREPARER TELEPHONE: 805-545-4557

1. Design Electrical Rating:	1151		
2. Maximum Dependable Capacity (MWe-Net)	1118		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	250,522.45
4. Number of Hours Generator On-line	744.00	7,295.00	248,505.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,321.00	8,116,329.00	267,494,701.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Diablo Canyon Unit 2 operated at approximately 100 percent power for the month of October 2017.

# OPERATING DATA REPORT

DOCKET: 323  
UNIT\_NME: Diablo Canyon Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: R. Thatipamala  
PREPARER TELEPHONE: 805-433-3933

1. Design Electrical Rating:	1151		
2. Maximum Dependable Capacity (MWe-Net)	1118		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	251,243.45
4. Number of Hours Generator On-line	721.00	8,016.00	249,226.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	811,009.00	8,927,338.00	268,305,710.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 2 operated at approximately 100 percent power for the month of November 2017.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Rama Thatipamala  
 PREPARER TELEPHONE: 805-433-3933

1. Design Electrical Rating:	1151		
2. Maximum Dependable Capacity (MWe-Net)	1118		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	251,987.45
4. Number of Hours Generator On-line	744.00	8,760.00	249,970.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,964.00	9,765,302.00	269,143,674.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Diablo Canyon Unit 2 operated at approximately 100 percent power for the month of December 2017.

# OPERATING DATA REPORT

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Siddiq Ali  
 PREPARER TELEPHONE: 815-416-2829

- 1. Design Electrical Rating: 894
- 2. Maximum Dependable Capacity (MWe-Net) 870

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	697.28	7,248.28	339,611.42
4. Number of Hours Generator On-line	696.02	7,247.02	330,183.61
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	517,604.00	6,449,834.00	245,643,016.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
D2R2	10/30/2017		S	47.98	C	1	Refuel	

**SUMMARY** Entering the month, the unit was at approximately 87% electrical due to core coastdown.

On October 12, at approximately 0430 hours, load was reduced from approximately 83% electrical to approximately 82% due to 2B Reactor Recirculation system flow controller failure. On the same day, at approximately 0545 hours, the unit returned to 83% operation (max achievable with core coastdown).

On October 22, at approximately 1300 hours, load was reduced from approximately 79% electrical to approximately 78% due to securing of 2A Circulating Water Pump for its planned overhaul/refurbishment. The 2A Circulating Water pump remained secured for the remainder of the reporting period.

On October 30, at approximately 0000 hours, Unit 2 generator was removed from service, marking the start of D2R25.

The unit remained shutdown for the remainder of the reporting period.

# OPERATING DATA REPORT

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Siddiq Ali  
 PREPARER TELEPHONE: 815-416-2829

1. Design Electrical Rating:	894		
2. Maximum Dependable Capacity (MWe-Net)	870		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	332.52	7,580.80	339,943.94
4. Number of Hours Generator On-line	307.67	7,554.69	330,491.28
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	272,589.00	6,722,423.00	245,915,605.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					
D2R2	10/30/2017		S	413.33	C	4	Refuel	

**SUMMARY** Entering the month, Unit 2 was shutdown for D2R25. The Unit had an unplanned outage extension due to N20A nozzle repairs. On November 20, at approximately 0215 hours, Unit power returned to full power operation.

On November 25, at approximately 2200 hours, load was reduced to approximately 84% electrical for a planned control rod pattern adjustment. On November 26, at approximately 0015 hours, the Unit returned to full power operation.

On November 26, at approximately 2015 hours, load was reduced to approximately 99% electrical due to securing of 2B circulating water pump for bay maintenance. On November 30, at approximately 0130 hours, the unit returned to full power operation.

With the exception of short periods for routine maintenance and surveillances, the Unit operated at full electrical power for the remainder of the reporting period.

# OPERATING DATA REPORT

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Siddiq Ali  
 PREPARER TELEPHONE: 815-416-2829

1. Design Electrical Rating: 894  
 2. Maximum Dependable Capacity (MWe-Net) 870

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,324.80	340,687.94
4. Number of Hours Generator On-line	744.00	8,298.69	331,235.28
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	687,430.00	7,409,853.00	246,603,035.00

## UNIT SHUTDOWNS

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

**SUMMARY** On December 02, at approximately 0100 hours, load was reduced to approximately 85% electrical for a planned control rod pattern adjustment. On same day, at approximately 0400 hours, the Unit returned to full power operation.  
 On December 13, at approximately 0530 hours, load was reduced to approximately 27% electrical due to reducing reactor power for 2A Reactor Recirculating Pump Motor oil leak repairs. On 12/14/2017, at approximately 0400 hours, the Unit returned to full power operation.  
 On December 16, at approximately 2200 hours, load was reduced to approximately 81% electrical for an unplanned control rod pattern adjustment. On 12/17/2017, at approximately 0045 hours, the Unit returned to full power operation.  
 With the exception of short periods for routine maintenance and surveillances, the Unit operated at full electrical power for the remainder of the reporting period.

# OPERATING DATA REPORT

DOCKET: 249  
UNIT\_NME: Dresden Unit 3  
RPT\_PERIOD: 201710

PREPARER NAME: Siddiq Ali  
PREPARER TELEPHONE: 815-416-2829

1. Design Electrical Rating: 879  
2. Maximum Dependable Capacity (MWe-Net) 869

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	327,571.95
4. Number of Hours Generator On-line	744.00	7,295.00	318,957.63
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	677,160.00	6,674,279.00	237,427,114.00

## UNIT SHUTDOWNS

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

SUMMARY With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the reporting period.



# OPERATING DATA REPORT

DOCKET: 249  
UNIT\_NME: Dresden Unit 3  
RPT\_PERIOD: 201711

PREPARER NAME: Siddiq Ali  
PREPARER TELEPHONE: 815-416-2829

1. Design Electrical Rating: 879  
2. Maximum Dependable Capacity (MWe-Net) 869

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	328,292.95
4. Number of Hours Generator On-line	721.00	8,016.00	319,678.63
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	673,307.00	7,347,586.00	238,100,421.00

## UNIT SHUTDOWNS

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

SUMMARY With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the reporting period.

# OPERATING DATA REPORT

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Siddiq Ali  
 PREPARER TELEPHONE: 815-416-2829

1. Design Electrical Rating:	879		
2. Maximum Dependable Capacity (MWe-Net)	869		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	329,036.95
4. Number of Hours Generator On-line	744.00	8,760.00	320,422.63
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	689,182.00	8,036,768.00	238,789,603.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** On December 02, at approximately 2200 hours, load was reduced to approximately 73% electrical due to Control Rod pattern adjustment. On December 03, at approximately 1715 hours, the Unit returned to full power operation.

On December 03, at approximately 2045 hours, load was reduced to approximately 98% electrical due to securing of 3A circulating water pump due to planned bay outage PM . On December 08, at approximately 0100 hours, the Unit returned to full power operation.

On December 17, at approximately 1500 hours, load was reduced to approximately 99% electrical due to securing of 3C circulating water pump due to planned bay outage PM . On December 19, at approximately 1245 hours, the Unit returned to full power operation.

With the exception of short periods for routine maintenance and surveillances, Unit 3 operated at full power for the reporting period.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.9		
2. Maximum Dependable Capacity (MWe-Net)	601.6		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	315,602.35
4. Number of Hours Generator On-line	667.03	7,218.03	310,484.30
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	382,121.20	4,320,505.90	158,761,395.49

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
17-	10/22/2017	F	S	76.97	A	5		Identified and corrected source of equipment leak into drywell.

**SUMMARY** Unplanned losses in October were due to the outage associated with Valve V16-0075 and with the recirculation runback during power ascension. Planned losses were due to running a surveillance of the High Pressure Coolant Injection system as well as the calibration of feedwater temperature instruments.

# OPERATING DATA REPORT

DOCKET: 331  
UNIT\_NME: Duane Arnold Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Matt Brandt  
PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.9		
2. Maximum Dependable Capacity (MWe-Net)	601.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	316,323.35
4. Number of Hours Generator On-line	721.00	7,939.03	311,205.30
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	439,912.70	4,760,418.60	159,201,308.19

## UNIT SHUTDOWNS

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

SUMMARY Planned losses in November were associated with the need to remove the Plant Process Computer from service to support the change to Standard Time. Unplanned losses included the momentary loss of 1Y21 Instrument AC, Plant Process Computer Outages, and work on Reactor Water Cleanup.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 3198517314

1. Design Electrical Rating:	621.9		
2. Maximum Dependable Capacity (MWe-Net)	601.6		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	317,067.35
4. Number of Hours Generator On-line	744.00	8,683.03	311,949.30
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	453,095.00	5,213,513.60	159,654,403.19

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Planned losses in December were associated with the downpower for a control rod sequence exchange and quarterly surveillance testing, the transfer and restoration of 1Y21 Instrument AC, maintenance on the moisture separator reheater (MSR), and a Loadline Adjustment.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Khris Miller  
PREPARER TELEPHONE: 334-814-4549

1. Design Electrical Rating: 854  
2. Maximum Dependable Capacity (MWe-Net) 874

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	301,524.87
4. Number of Hours Generator On-line	744.00	7,295.00	298,495.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	658,682.00	6,440,520.00	244,821,374.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Khris Miller  
PREPARER TELEPHONE: 334-814-4549

1. Design Electrical Rating: 854  
2. Maximum Dependable Capacity (MWe-Net) 874

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	302,245.87
4. Number of Hours Generator On-line	721.00	8,016.00	299,216.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	643,455.00	7,083,975.00	245,464,829.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Khris Miller  
 PREPARER TELEPHONE: 334-814-4549

1. Design Electrical Rating: 854  
 2. Maximum Dependable Capacity (MWe-Net) 874

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,760.00	302,989.87
4. Number of Hours Generator On-line	744.00	8,760.00	299,960.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	666,091.00	7,750,066.00	246,130,920.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were no significant power reductions this period.



# OPERATING DATA REPORT

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Khris Miller  
 PREPARER TELEPHONE: 334-814-4549

1. Design Electrical Rating: 855  
 2. Maximum Dependable Capacity (MWe-Net) 883

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	346.97	6,897.97	284,562.30
4. Number of Hours Generator On-line	346.97	6,897.97	281,856.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	296,996.00	6,091,161.00	233,346,375.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
27	10/15/2017		S	397.03	C	1	On Oct 9, 2017 at approximately 1517, U2 began to ramp down prior to 2R25. On Oct 15, 2017 at 10:58 the reactor trip breakers were opened to begin 2R25. The reactor was taken critical at 13:47 on, Nov 12, 2017. The Unit synced to the grid at 07:28 on Nov 15, 2017. The unit reached 100% power at 0400 on Nov 19, 2017.

**SUMMARY** On Oct 9, 2017 at approximately 1517, U2 began to ramp down prior to 2R25. On Oct 15, 2017 at 10:58 the reactor trip breakers were opened to begin 2R25. The reactor was taken critical at 13:47 on, Nov 12, 2017. The Unit synced to the grid at 07:28 on Nov 15, 2017. The unit reached 100% power at 0400 on Nov 19, 2017.

# OPERATING DATA REPORT

DOCKET: 364  
 UNIT\_NME: Farley Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Khris Miller  
 PREPARER TELEPHONE: 334-814-4549

1. Design Electrical Rating:	855		
2. Maximum Dependable Capacity (MWe-Net)	883		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	442.22	7,340.19	285,004.52
4. Number of Hours Generator On-line	376.53	7,274.50	282,233.49
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	298,498.00	6,389,659.00	233,644,873.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
27	10/15/2017	S		344.47	C	4	On Oct 9, 2017 at approximately 1517, U2 began to ramp down prior to 2R25. On Oct 15, 2017 at 10:58 the reactor trip breakers were opened to begin 2R25. The reactor was taken critical at 13:47 on, Nov 12, 2017. The Unit synced to the grid at 07:28 on Nov 15, 2017. The unit reached 100% power at 0400 on Nov 19, 2017.

**SUMMARY** On Oct 9, 2017 at approximately 1517, U2 began to ramp down prior to 2R25. On Oct 15, 2017 at 10:58 the reactor trip breakers were opened to begin 2R25. The reactor was taken critical at 13:47 on, Nov 12, 2017. The Unit synced to the grid at 07:28 on Nov 15, 2017. The unit reached 100% power at 0400 on Nov 19, 2017.

# OPERATING DATA REPORT

DOCKET: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: Khris Miller  
PREPARER TELEPHONE: 334-814-4549

1. Design Electrical Rating:	855		
2. Maximum Dependable Capacity (MWe-Net)	883		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,084.19	285,748.52
4. Number of Hours Generator On-line	744.00	8,018.50	282,977.49
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	664,369.00	7,054,028.00	234,309,242.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant power reductions this period.

# OPERATING DATA REPORT

DOCKET: 341  
UNIT\_NME: Fermi Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: E. Sorg  
PREPARER TELEPHONE: 734-586-4294

1. Design Electrical Rating:	1150		
2. Maximum Dependable Capacity (MWe-Net)	1094.9		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,526.35	213,349.55
4. Number of Hours Generator On-line	744.00	6,486.82	208,019.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	843,601.00	7,219,334.00	214,690,994.92

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power the entire month with the following exception:  
--10/31/17 2200 to 2314: Planned downpower to 85% reactor power for HCU maintenance.

# OPERATING DATA REPORT

DOCKET: 341  
UNIT\_NME: Fermi Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: E. Sorg  
PREPARER TELEPHONE: 734-586-4294

1. Design Electrical Rating:	1150		
2. Maximum Dependable Capacity (MWe-Net)	1094.9		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,247.35	214,070.55
4. Number of Hours Generator On-line	721.00	7,207.82	208,740.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	742,903.00	7,962,237.00	215,433,897.92

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power the entire month (except for minor power changes for surveillances and testing) with the following exceptions:  
--11/4/17 2200 to 11/5/17 1614: Planned downpower to 77% reactor power for rod pattern adjustment. (Exempt)  
--11/26/17 1530 to 12/5/17 1643: Unplanned downpower to 37% reactor power due to issues with the North RRMG set.

# OPERATING DATA REPORT

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201712

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

1. Design Electrical Rating:	1150		
2. Maximum Dependable Capacity (MWe-Net)	1094.9		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,991.35	214,814.55
4. Number of Hours Generator On-line	744.00	7,951.82	209,484.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	736,097.00	8,698,334.00	216,169,994.92

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power the entire month (except for minor power changes for surveillances and testing) with the following exceptions:  
 --11/26/17 1530 to 12/5/17 1643: Unplanned downpower to 37% reactor power due to issues with the North RRMG set. (not exempt)  
 --12/6/17 2137 to 2219: Planned downpower from 96% to 82% reactor power for rod pattern adjustment. (not exempt)  
 --12/29/17 2115 to 1/1/18 0929: Unplanned downpower to 62% reactor power for Power Suppression Testing. (not exempt)

# OPERATING DATA REPORT

DOCKET: 333  
UNIT\_NME: FitzPatrick Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Zachary Cox  
PREPARER TELEPHONE: 315 326 2415

1. Design Electrical Rating: 816  
2. Maximum Dependable Capacity (MWe-Net) 813

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,333.70	304,138.86
4. Number of Hours Generator On-line	744.00	6,243.57	297,952.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	626,171.00	4,972,098.00	229,739,552.00

## UNIT SHUTDOWNS

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

SUMMARY Operated at or near 100% power for entirety of October 2017.

# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Zachary Cox  
 PREPARER TELEPHONE: 815 641 6016

1. Design Electrical Rating:	816		
2. Maximum Dependable Capacity (MWe-Net)	813		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,054.70	304,859.86
4. Number of Hours Generator On-line	721.00	6,964.57	298,673.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	578,009.00	5,550,107.00	230,317,561.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY 11/3/2017 to 11/8/2017 Fuel Suppression Testing, 30,401 MWHrs, IR 4071227

11/8/2017 to 11/10/2017 Control Rod Pattern Adjustment, 6,395 MWHrs

Plant operated at 100% power for remainder of month.



# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Zachary Cox  
 PREPARER TELEPHONE: 315 326 2415

1. Design Electrical Rating:	816		
2. Maximum Dependable Capacity (MWe-Net)	813		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,798.70	305,603.86
4. Number of Hours Generator On-line	744.00	7,708.57	299,417.56
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	633,026.00	6,183,133.00	230,950,587.00

## UNIT SHUTDOWNS

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

SUMMARY 12/16/17 17 MWHrs, HPCI Surveillance.  
 12/18/17 752 MWHrs, Control rod pattern adjustment based on November suppression testing evaluation.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Anthony J. Culotta  
PREPARER TELEPHONE: 315-791-3488

1. Design Electrical Rating: 585  
2. Maximum Dependable Capacity (MWe-Net) 560

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,815.48	362,548.70
4. Number of Hours Generator On-line	744.00	6,796.12	358,992.43
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	427,256.54	3,848,395.49	175,123,226.77

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power for the entire month of October. Average power for the month was 99.9%.

# OPERATING DATA REPORT

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Anthony J. Culotta  
 PREPARER TELEPHONE: 315-791-3488

1. Design Electrical Rating:	585		
2. Maximum Dependable Capacity (MWe-Net)	560		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,536.48	363,269.70
4. Number of Hours Generator On-line	721.00	7,517.12	359,713.43
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	417,573.40	4,265,968.89	175,540,800.17

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at full power for the entire month of November. Average power for the month was 99.8%.

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Anthony J. Culotta  
PREPARER TELEPHONE: 315-791-3488

1. Design Electrical Rating: 585  
2. Maximum Dependable Capacity (MWe-Net) 560

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,280.48	364,013.70
4. Number of Hours Generator On-line	744.00	8,261.12	360,457.43
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	431,707.13	4,697,676.02	175,972,507.30

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power for the entire month of November. Average power for the month was 99.9%.

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 6014376351

1. Design Electrical Rating:	1485		
2. Maximum Dependable Capacity (MWe-Net)	1428		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,641.79	251,973.02
4. Number of Hours Generator On-line	715.12	5,366.75	246,639.90
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	845,060.00	6,602,029.00	296,838,934.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
144	8/29/2017	F	S	28.88	A	4	The manual reactor SCRAM on 8/29/2017 at 2217 hours was a planned SCRAM per Power Operations Integrated Operating Instruction, 03-1-01-2, in order to repair a problem with RHR 'A'. Grand Gulf was shutdown due to RHR 'A' being INOP and repair was scheduled to last longer than seven days. Refer to Grand Gulf CRs: CR-GGN-2017-08269, 08377, & 08434.

**SUMMARY** While downpowered in August 2017, GGNS entered a LCO for the Residual Heat Removal Pump A not passing surveillance. GGNS entered an unplanned shutdown (FO21-06) resulting in 43065 MWe loss for this month. GGNS synced to the grid on 10/2/2017 at 04:53. This is an unplanned, non-exempt loss. GGNS had a planned, exempt energy loss of 174624 MWe due to Rod Pattern Adjustments following FO21-06 to achieve 100% power.

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 601-437-6351

1. Design Electrical Rating:	1485		
2. Maximum Dependable Capacity (MWe-Net)	1428		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	372.87	6,014.66	252,345.89
4. Number of Hours Generator On-line	371.43	5,738.18	247,011.33
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	494,283.00	7,096,312.00	297,333,217.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
145	11/16/2017	F	S	349.57	A	1	<p>The SCRAM on 11/16/2017 at 1026 hrs was a planned SCRAM in order to repair a problem with degrading conditions on Reactor Recirc Pump 'B' seal. The Reactor startup on 11/24/17 was stopped before generator sync due to SCRAM on 11/25/2017 at 0238 hrs. This SCRAM was a planned SCRAM in order to repair problems on Intermediate Range Monitor neutron flux detectors.</p> <p>The SCRAM on 12/5/2017 at 0535 hrs was a planned SCRAM in order to repair problems with two drywell coolers. The main generator was not synchronized for the 12/2/2017 startup. GGNS had to be shutdown before being synchronized.</p>

**SUMMARY** During the month of November, GGNS conducted planned, exempt rod pattern adjustments as part of returning the unit to 100% power from FO 21-06 resulting in 16,130 MWe loss. Also during the month, GGNS experienced Recirc Pump B seal problems. GGNS made a controlled shutdown (FO 21-07) to make necessary repairs. During start-up from FO 21-07, GGNS experienced SRM equipment issues prior to syncing to the grid causing GGNS to shutdown again continuing FO 21-07. FO 21-07 resulted in unplanned, non-exempt losses of 519,004 MWe.

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: G. Evans  
 PREPARER TELEPHONE: 6014373651

1. Design Electrical Rating:	1485		
2. Maximum Dependable Capacity (MWe-Net)	1428		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	593.72	6,608.38	252,939.61
4. Number of Hours Generator On-line	471.48	6,209.66	247,482.81
5. Reserve Shutdown Hours	0.00	0.00	243.00
6. Net Electrical energy Generated (MWHrs)	341,655.00	7,437,967.00	297,674,872.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
145	11/16/2017	F	S	272.52	A	4	<p>The SCRAM on 11/16/2017 at 1026 hrs was a planned SCRAM in order to repair a problem with degrading conditions on Reactor Recirc Pump 'B' seal. The Reactor startup on 11/24/17 was stopped before generator sync due to SCRAM on 11/25/2017 at 0238 hrs. This SCRAM was a planned SCRAM in order to repair problems on Intermediate Range Monitor neutron flux detectors.</p> <p>The SCRAM on 12/5/2017 at 0535 hrs was a planned SCRAM in order to repair problems with two drywell coolers. The main generator was not synchronized for the 12/2/2017 startup. GGNS had to be shutdown before being synchronized.</p>

**SUMMARY** During the month of December GGNS had 2 unplanned, non-exempt power loss events and multiple planned, exempt rod pattern adjustments. The 2 unplanned, non-exempt power loss events were FO 21-07 (Recirc Pump B seals from November) and BOP 23 Transformer Trip. FO 21-07 totaled 400,628 MW-Hrs loss and the BOP 23 Transformer Trip totaled 53,050 MW-Hrs loss. The exempt, planned rod pattern adjustments totaled 10,129 MW-Hrs loss. The rod pattern adjustments were conducted due to start-up from FO 21-07.

# OPERATING DATA REPORT

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 928

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	714.92	7,265.92	238,527.55
4. Number of Hours Generator On-line	691.68	7,242.68	236,932.23
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	556,960.00	6,792,212.00	209,224,286.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
H121F 1	10/22/2017	F		52.32	A	1	Unit was shutdown due to 1ES-149, moisture separator reheater relief valve, lifting inadvertently. Valve was replaced with a new valve, and the unit was returned online.

**SUMMARY** During October 2017, one unit downpower occurred to attempt repairs to a condenser tube leak. This downpower was to approximately 27% power. Additionally, a forced outage occurred due to a failure of a relief valve on the moisture separator reheater lifting early. The relief valve was replaced and the unit restored to power.



# OPERATING DATA REPORT

DOCKET: 400  
UNIT\_NME: Harris Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Dustin Martin  
PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 973  
2. Maximum Dependable Capacity (MWe-Net) 928

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,986.92	239,248.55
4. Number of Hours Generator On-line	721.00	7,963.68	237,653.23
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	697,080.00	7,489,292.00	209,921,366.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant issues affecting generation during November, 2017.

# OPERATING DATA REPORT

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Dustin Martin  
 PREPARER TELEPHONE: 9193622679

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 928

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,730.92	239,992.55
4. Number of Hours Generator On-line	744.00	8,707.68	238,397.23
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	719,281.00	8,208,573.00	210,640,647.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY While restoring the 3A feedwater heater to service, the 1A heater drain pump tripped resulting in some unplanned generation losses. The pump was restored and plant returned to full power.

# OPERATING DATA REPORT

DOCKET: 321  
 UNIT\_NME: Hatch Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating: 885  
 2. Maximum Dependable Capacity (MWe-Net) 876

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,019.78	312,275.74
4. Number of Hours Generator On-line	744.00	6,960.72	305,160.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	651,333.00	6,021,555.00	238,411,554.00

## UNIT SHUTDOWNS

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

SUMMARY Reactor power was reduced to ~82% to remove a Condensate Pump from service for maintenance on 10/24/2017. Reactor was returned to rated thermal power on 10/27/2017.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Ben Mosley  
PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating: 885  
2. Maximum Dependable Capacity (MWe-Net) 876

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,740.78	312,996.74
4. Number of Hours Generator On-line	721.00	7,681.72	305,881.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,501.00	6,664,056.00	239,054,055.00

## UNIT SHUTDOWNS

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

SUMMARY Reactor power was reduced to ~76.9% rated thermal power to perform a rod pattern adjustment and perform troubleshooting to adjust and recover a control rod on 11/05/2017. Reactor power was returned to ~100% rated thermal power on 11/05/2017. Reactor power was reduced to ~79.9% rated thermal power to perform a rod pattern adjustment on 11/28/2017. Reactor power was returned to ~100% rated thermal power on 11/29/2017.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Ben Mosley  
PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating: 885  
2. Maximum Dependable Capacity (MWe-Net) 876

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,484.78	313,740.74
4. Number of Hours Generator On-line	744.00	8,425.72	306,625.89
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	654,678.00	7,318,734.00	239,708,733.00

## UNIT SHUTDOWNS

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

SUMMARY There were no significant (>20% rated thermal power) power changes during the month. Core coastdown commenced on 12/16/2017.

# OPERATING DATA REPORT

DOCKET: 366  
UNIT\_NME: Hatch Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Ben Mosley  
PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating: 908  
2. Maximum Dependable Capacity (MWe-Net) 883

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,822.93	287,396.81
4. Number of Hours Generator On-line	744.00	6,788.85	282,146.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	653,440.00	5,892,774.00	224,879,333.00

## UNIT SHUTDOWNS

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

SUMMARY Reactor power was reduced to ~77% following a loss of feedwater heating event on 10/18/2017. Reactor power was returned to rated thermal power on 10/20/2017.

# OPERATING DATA REPORT

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Ben Mosley  
 PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating: 908  
 2. Maximum Dependable Capacity (MWe-Net) 883

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,543.93	288,117.81
4. Number of Hours Generator On-line	721.00	7,509.85	282,867.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	651,012.00	6,543,786.00	225,530,345.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201712

PREPARER NAME: Ben Mosley  
PREPARER TELEPHONE: 912-537-5872

1. Design Electrical Rating: 908  
2. Maximum Dependable Capacity (MWe-Net) 883

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,287.93	288,861.81
4. Number of Hours Generator On-line	744.00	8,253.85	283,611.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,422.00	7,212,208.00	226,198,767.00

## UNIT SHUTDOWNS

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

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



# OPERATING DATA REPORT

DOCKET: 354  
 UNIT\_NME: Hope Creek Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Tim Gingerich  
 PREPARER TELEPHONE: 856 339 2194

1. Design Electrical Rating:	1237		
2. Maximum Dependable Capacity (MWe-Net)	1172		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	240,547.57
4. Number of Hours Generator On-line	744.00	7,295.00	236,591.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	901,586.00	8,850,617.00	255,004,100.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The month began with the unit online and the reactor critical at 99.9%  
 Zero (0) planned power changes greater than 15% occurred in October 2017  
 Zero (0) unplanned power changes greater than 15% occurred in October 2017  
 The month ended with the unit online and the reactor critical at 99.9% 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: 201711

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

1. Design Electrical Rating:	1237		
2. Maximum Dependable Capacity (MWe-Net)	1172		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	241,268.57
4. Number of Hours Generator On-line	721.00	8,016.00	237,312.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	886,189.00	9,736,806.00	255,890,289.00

## UNIT SHUTDOWNS

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

SUMMARY The month began with the unit online and the reactor critical at 99.9%  
Zero (0) planned power changes greater than 15% occurred in November 2017  
Zero (0) unplanned power changes greater than 15% occurred in November 2017  
The month ended with the unit online and the reactor critical at 99.8% 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: 201712

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

1. Design Electrical Rating:	1237		
2. Maximum Dependable Capacity (MWe-Net)	1172		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	242,012.57
4. Number of Hours Generator On-line	744.00	8,760.00	238,056.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	921,099.00	10,657,905.00	256,811,388.00

## UNIT SHUTDOWNS

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

SUMMARY The month began with the unit online and the reactor critical at 99.8%  
 Zero (0) planned power changes greater than 15% occurred in December 2017  
 Zero (0) unplanned power changes greater than 15% occurred in December 2017  
 The month ended with the unit online and the reactor critical at 99.8% 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: 201710

PREPARER NAME: Michael  
PREPARER TELEPHONE: Hasenbein

1. Design Electrical Rating:	1035		
2. Maximum Dependable Capacity (MWe-Net)	998		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,202.90	296,575.19
4. Number of Hours Generator On-line	744.00	7,181.97	291,885.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	743,825.00	7,201,604.70	265,419,953.53

## UNIT SHUTDOWNS

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

SUMMARY Indian Point Unit 2 began the month online and remained online for the entire month.

# OPERATING DATA REPORT

DOCKET: 247  
UNIT\_NME: Indian Point Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Michael Hasenbein  
PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating:	1035		
2. Maximum Dependable Capacity (MWe-Net)	998		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,923.90	297,296.19
4. Number of Hours Generator On-line	721.00	7,902.97	292,606.42
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	734,578.00	7,936,182.70	266,154,531.53

## UNIT SHUTDOWNS

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

SUMMARY Indian Point Unit 2 had 104 planned/exempt Megawatt-hour losses during the month of November due to backwashes. The Unit began and ended the month online.

# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Michael Hasenbein  
 PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating:	1035		
2. Maximum Dependable Capacity (MWe-Net)	998		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	407.60	8,331.50	297,703.79
4. Number of Hours Generator On-line	397.50	8,300.47	293,003.92
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	379,016.00	8,315,198.70	266,533,547.53

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
5	12/9/2017		S	346.50	B	1	Indian Point Unit 2 reactor shutdown to replace the 21 RCP seal and repair the inner and outer reactor head O-rings.

**SUMMARY** Indian Point Unit 2 had 366,135 Megawatt-hour losses during the month of December due to the planned outage for 21 RCP Seal & Rx O-ring Maintenance outage, scheduled for 309 hours, actual 346.5 hours (37.5 hours over).

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201710

PREPARER NAME: Michael Hasenbein  
 PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating:	1048		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,501.50	267,834.28
4. Number of Hours Generator On-line	744.00	5,464.30	264,318.14
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	772,302.00	5,569,778.00	251,740,377.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Indian Point 3 began the month online and remained online for the entire month.

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201711

PREPARER NAME: Michael Hasenbein  
 PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating: 1048  
 2. Maximum Dependable Capacity (MWe-Net) 1030

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	599.48	6,100.98	268,433.76
4. Number of Hours Generator On-line	581.33	6,045.63	264,899.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	589,518.00	6,159,296.00	252,329,895.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2	11/3/2017	F		139.67	A	3	Generator trip due to loss of field (Exciter issue). Failed thyristor drawer replaced and the Unit was returned to service.

SUMMARY Indian Point Unit 3 had 156,636 unplanned Megawatt-hour losses during the month of November due to the loss of field in the generator (Exciter Issue Trip).



# OPERATING DATA REPORT

DOCKET: 286  
UNIT\_NME: Indian Point Unit 3  
RPT\_PERIOD: 201712

PREPARER NAME: Michael Hasenbein  
PREPARER TELEPHONE: 914-254-7485

1. Design Electrical Rating:	1048		
2. Maximum Dependable Capacity (MWe-Net)	1030		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,844.98	269,177.76
4. Number of Hours Generator On-line	744.00	6,789.63	265,643.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	774,350.00	6,933,646.00	253,104,245.00

## UNIT SHUTDOWNS

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

SUMMARY Indian Point Unit 3 had 24 unplanned Megawatt-hour losses during the month of December due to 35 CWP being O/S. The Unit remained at full power for the entire month of December.

# OPERATING DATA REPORT

DOCKET: 373  
UNIT\_NME: LaSalle Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,145.70	240,613.11
4. Number of Hours Generator On-line	744.00	7,076.69	237,802.22
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	863,701.00	8,140,693.00	254,406,752.00

## UNIT SHUTDOWNS

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

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: 201711

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,866.70	241,334.11
4. Number of Hours Generator On-line	721.00	7,797.69	238,523.22
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	844,699.00	8,985,392.00	255,251,451.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 had a downpower on 11/19/17 to approximately 1000 MWe for a sequence exchange. Unit 1 operated at or near full power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 373  
UNIT\_NME: LaSalle Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,610.70	242,078.11
4. Number of Hours Generator On-line	744.00	8,541.69	239,267.22
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	870,926.00	9,856,318.00	256,122,377.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 had a downpower on 12/16/17 to approximately 940 MWe for a sequence exchange. Unit 1 operated at or near full power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 374  
UNIT\_NME: LaSalle Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,473.62	231,957.83
4. Number of Hours Generator On-line	744.00	6,412.31	230,430.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	865,000.00	7,337,221.00	248,111,779.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 operated at or near full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 374  
UNIT\_NME: LaSalle Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Steve Latimer  
PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,194.62	232,678.83
4. Number of Hours Generator On-line	721.00	7,133.31	231,151.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	844,776.00	8,181,997.00	248,956,555.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 operated at or near full power for the entire month.

# OPERATING DATA REPORT

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Steve Latimer  
 PREPARER TELEPHONE: 815-415-2463

1. Design Electrical Rating:	1178		
2. Maximum Dependable Capacity (MWe-Net)	1111		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,938.62	233,422.83
4. Number of Hours Generator On-line	744.00	7,877.31	231,895.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	870,140.00	9,052,137.00	249,826,695.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 had a downpower on 12/9/17 to approximately 900 MWe for a sequence exchange. Unit 2 operated at or near full power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 352  
UNIT\_NME: Limerick Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Leonard J. Maioriello  
PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating: 1205  
2. Maximum Dependable Capacity (MWe-Net) 1099

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	255,195.01
4. Number of Hours Generator On-line	744.00	7,295.00	252,572.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	858,263.00	8,308,717.00	274,171,276.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 began the month of October 2017 at 100.0% of rated thermal power (RTP).

On October 26th at 15:02 hours, reactor power was reduced from 99.9% to 97.3% RTP due to a planned Rod Pattern adjustment. Reactor power was restored to 99.6% RTP at 16:03 hours.

Unit 1 ended the month of October 2017 at 99.9% RTP.



# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1099		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	255,916.01
4. Number of Hours Generator On-line	721.00	8,016.00	253,293.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	844,731.00	9,153,448.00	275,016,007.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 began the month of November 2017 at 99.9% of rated thermal power (RTP).

On November 10th at 22:00 hours, reactor power was reduced from 99.8% to 82.5% RTP due to a planned Rod Pattern adjustment.  
 On November 11th at 00:46 hours, reactor power was restored to 99.6% RTP.

On November 17th at 07:56 hours, reactor power was reduced from 99.9% to 92.2% RTP due to load following caused by congestion on the grid. Reactor power was restored to 99.8% RTP at 16:23 hours

Unit 1 ended the month of November 2017 at 99.9% RTP.

# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating: 1205  
 2. Maximum Dependable Capacity (MWe-Net) 1099

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,760.00	256,660.01
4. Number of Hours Generator On-line	744.00	8,760.00	254,037.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	870,098.00	10,023,546.00	275,886,105.50

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 1 began the month of December 2017 at 100.0% of rated thermal power (RTP).

On December 9th at 22:01 hours, reactor power was reduced from 99.9% to 77.9% RTP due to a load drop for turbine valve testing & control rod distortion testing.

On December 10th at 08:42 hours, reactor power was restored to 99.5% RTP.

On December 18th at 04:01 hours, reactor power was reduced from 100% to 92.5% RTP due to load following caused by congestion on the grid.

On December 19th at 00:26 hours, reactor power was restored to 99.7% RTP.

On December 21st at 11:50 hours, reactor power was reduced from 99.9% to 99.0% RTP due to a HPCI Pump, Valve & Flow test. Reactor power was restored to 99.8% RTP at 16:10 hours.

On December 22nd at 12:00 hours, reactor power was reduced from 99.2% to 94.5% RTP to remove the 6A FW Htr. from service for end of cycle operation. Reactor power was restored to 99.5% RTP at 12:55 hours.

On December 31st at 12:02 hours, reactor power was reduced from 99.0% to 94.5% RTP to remove the 6B FW Htr. from service for end of cycle operation. Reactor power was restored to 99.6% RTP at 12:58 hours.

Unit 1 ended the month of December 2017 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1108		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	524.47	6,143.56	230,164.91
4. Number of Hours Generator On-line	499.10	6,087.10	227,585.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	554,787.00	6,837,449.00	252,053,883.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
Li2M5 4	10/9/2017		S	244.90	B	1	Shutdown for Li2M54 Maintenance outage to repair the #9 jet Pump.

**SUMMARY** Unit 2 began the month of October 2017 at 100.0% of rated thermal power (RTP).

On October 8th at 14:00 hours, reactor power was reduced from 99.9% to 19% RTP for a planned load reduction in preparation for taking the Unit offline for the Li2M54 maintenance outage.

On October 9th at 00:07 hours, the Main Turbine was tripped offline commencing the Li2M54 maintenance outage. The Unit 2 reactor was scrambled from 5.5% RTP at 02:08 hours and the reactor was sub critical at 02:13 hours.

On October 18th at 05:45 hours, the Unit 2 reactor was taken critical.

On October 19th at 05:01, The main generator was sync'd to the grid ending the Li2M54 maintenance outage. Power ascension from 19.0% RTP began at 07:14 hours.

On October 20th at 04:14 hours, the Unit 2 Reactor was restored to 99.7%% RTP. Reactor power was reduced from 99.6% to 96.5% RTP due to a planned Rod Pattern adjustment at 05:53 hours. Reactor power was restored to 99.6% RTP at 19:02 hours. Reactor power was reduced from 98.3% to 89.6% RTP at 23:02 hours for a second rod pattern adjustment.

On October 21st at 00:50 hours, reactor power was restored to 99.5% RTP.

On October 22nd at 22:32 hours, reactor power was reduced from 99.9 % to 93.0% RTP for a planned control rod pattern adjustment. Reactor power was restored to 99.5% RTP at 23:18 hours.

On October 28th at 22:01 hours, reactor power was reduced from 99.9 % to 87.1% RTP for a planned control rod pattern adjustment.

On October 29th at 02:54 hours, reactor power was restored to 99.5% RTP.

Unit 2 ended the month of October 2017 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
UNIT\_NME: Limerick Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Leonard J. Maioriello  
PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1108		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,864.56	230,885.91
4. Number of Hours Generator On-line	721.00	6,808.10	228,306.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,831.00	7,690,280.00	252,906,714.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month of November at 100.0% of rated thermal power (RTP).

There were no load reductions on Unit 2 during the month of November.

Unit 2 ended the month of November 2017 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Leonard J. Maioriello  
 PREPARER TELEPHONE: 610-718-3512

1. Design Electrical Rating:	1205		
2. Maximum Dependable Capacity (MWe-Net)	1108		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,608.56	231,629.91
4. Number of Hours Generator On-line	744.00	7,552.10	229,050.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,531.00	8,574,811.00	253,791,245.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 began the month of December at 100.0% of rated thermal power (RTP).

On December 08th at 11:02 hours, reactor power was reduced from 100% to 99.4% RTP due to a HPCI Pump, Valve & Flow test. Reactor power was restored to 99.9% RTP at 14:18 hours.

On December 11th at 08:55 hours, reactor power was reduced from 99.9% to 99.3% RTP due to a HPCI Pump, Valve & Flow test. Reactor power was restored to 99.7% RTP at 11:11 hours.

On 12/16/2017 at 10:14 hours, reactor power was reduced from 100.0% to 99.4% RTP due to blowdown of RWCU to the main condenser. Reactor power was restored to 99.9% RTP at 15:16 hours. Reactor power was reduced from 100% to 90.6% RTP to perform turbine valve testing at 22:02 hours.

On 12/17/2017 at 0437 hours, reactor power was restored to 99.6% RTP.

Unit 2 ended the month of December 2017 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Brian H. Richards  
 PREPARER TELEPHONE: 980.875.5171

- 1. Design Electrical Rating: 1199
- 2. Maximum Dependable Capacity (MWe-Net) 1158

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	380.98	6,744.11	262,131.47
4. Number of Hours Generator On-line	367.98	6,730.98	260,454.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	414,060.00	7,889,887.00	286,656,581.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
01	9/23/2017		S	376.02	C	4	Unit shutdown for M1R25 with no complications. Outage completed in 564.02 hours or 23.5 days. Power escalation continued following closing the generator breakers and Unit 1 reached 100% power on 10/19/2017 at 11:12.

**SUMMARY** Unit 1 began the month of October in No-Mode for M1R25 planned refueling outage. On 10/05/2017 at 06:49, Unit 1 entered Mode 6. On 10/10/2017 at 15:22, Unit 1 entered Mode 5. On 10/14/2017 at 18:24, Unit 1 entered Mode 4. On 10/15/2017 at 04:07, Unit 1 entered Mode 3. On 10/16/2017 at 02:24, Unit 1 entered Mode 2 and commenced Zero Power Physics Testing (ZPPT). Unit 1 was called critical at 03:01 on 10/16/2017. At 08:08 on 10/16/2017, ZPPT was completed. Unit 1 commenced power increase to 15% RTP at 10:24 on 10/16/2017. At 11:04, Unit 1 entered Mode 1. At 13:21 on 10/16/2017, Unit 1 held at ~17% RTP to synchronize the main generator; Unit 1 main generator was synchronized at 16:00. On 10/16/2017, Unit 1 1A and 1B main generator breakers were closed at 16:00:56 and 16:03:34, respectively. Unit 1 then commenced power to ~29% RTP at 16:40. Unit 1 held ~29% RTP to perform a lower power flux map at 18:21. Following the flux map, unit 1 commenced power increase to 78% RTP at 22:39 on 10/16/2017. Unit 1 held ~53% RTP to place the 1B main feedwater pump in service at 03:20 on 10/17/2017. By 03:32 the 1B CF pump was placed in service and Unit 1 commenced power increase to 78% RTP. Unit 1 secured power at 78% RTP for intermediate flux map at 15:45 on 10/17/2017. Following the flux map, Unit 1 commenced power increase to 90% RTP at 18:47 on 10/17/2017. Unit 1 secured power ~90% RTP for thermal power output measurement, Delta-T check, and required unit fuel conditioning holds at 00:43 on 10/18/2017. At 07:08 on 10/18/2017, Unit 1 commenced power increase to 98% RTP to complete remainder of fuel conditioning holds and to perform Delta-T calibrations. Unit 1 commenced power increase to 100% RTP at 20:06 on 10/18/2017. Unit 1 reached 100% RTP at 11:12 on 10/19/2017. Unit 1 remained at 100% RTP for the remainder of October.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1199		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,465.11	262,852.47
4. Number of Hours Generator On-line	721.00	7,451.98	261,175.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	863,264.00	8,753,151.00	287,519,845.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 operated at approximately 100% for November 2017.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Brian H. Richards  
PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1199		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,209.11	263,596.47
4. Number of Hours Generator On-line	744.00	8,195.98	261,919.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	893,116.00	9,646,267.00	288,412,961.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 operated at approximately 100% for December 2017.



# OPERATING DATA REPORT

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Brian H. Richards  
 PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating: 1187  
 2. Maximum Dependable Capacity (MWe-Net) 1158

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	6,441.01	255,773.15
4. Number of Hours Generator On-line	744.00	6,413.60	254,053.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	876,671.00	7,403,722.00	285,342,410.00

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 2 began the month of October at approximately 100% RTP. On 10/21/2017 at 20:21, Unit 2 began power reduction to ~95% RTP in support of a Turbine Valve Movement Test (TVMT). Unit 2 secured power ~95% RTP at 21:31 on 10/21/2017. At 00:50 on 10/22/2017, Unit 2 TVMT was placed on hold due to the following valves not moving as expected: 2SC-45, 2SC-47, 2SC-37, 2SC-49, 2SC-39. At 04:12 on 10/22/2017, Unit 2 began power escalating to 100% RTP. Unit 2 reached 100% RTP at 13:43 on 10/22/2017. On 10/27/2017 at 06:42, Unit 2 began power reduction to ~98% RTP in support of the TVMT. Unit 2 secured power ~97.5% RTP at 08:00 on 10/27/2017. At 08:15 Unit 2 commenced the TVMT. The Unit 2 TVMT was completed at 09:27 on 10/27/2017. Unit 2 began power escalating to 100% RTP at 10:15 on 10/27/2017. Unit 2 reached 100% RTP at 18:05 on 10/27/2017. Unit 2 remained at 100% RTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Brian H. Richards  
 PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1187		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,162.01	256,494.15
4. Number of Hours Generator On-line	721.00	7,134.60	254,774.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,875.00	8,261,597.00	286,200,285.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Unit 2 began the month of November at 100% RTP. On 11/14/17 at 00:42, Unit 2 began to decrease reactor power to ~99.5% RTP to support repair of the 2C3 heater drain tank pump motor. Unit 2 reactor power was secured ~99.5% RTP at 00:52 on 11/14/17. Unit 2 began power increase to 100% RTP following repair of the 2C3 heater drain tank pump motor on 11/14/17 at 18:36. Unit 2 reached 100% RTP on 11/15/17 at 04:49. Unit 2 remained at 100% RTP the remainder of November.

# OPERATING DATA REPORT

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Brian H. Richards  
 PREPARER TELEPHONE: 980.875.5171

1. Design Electrical Rating:	1187		
2. Maximum Dependable Capacity (MWe-Net)	1158		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,906.01	257,238.15
4. Number of Hours Generator On-line	744.00	7,878.60	255,518.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	887,672.00	9,149,269.00	287,087,957.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 operated at approximately 100% for December 2017.

# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Andrew Gallis  
 PREPARER TELEPHONE: 860-440-0244

1. Design Electrical Rating:	877.2		
2. Maximum Dependable Capacity (MWe-Net)	869.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,512.65	268,821.57
4. Number of Hours Generator On-line	744.00	6,488.35	262,588.74
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	636,604.90	5,539,297.37	220,676,805.07

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** Millstone Unit 2 operated at or near 100% power from the beginning of the month until October 6, 2017. On October 6, 2017 at 0808 hours the unit commenced a downpower to 93% power to perform turbine control valve testing. On October 6, 2017 at 0900 hours the unit reached 93% power. On October 6, 2017 at 1100 hours the unit commenced a return to 100% power. On October 6, 2017 at 1336 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: 201711

PREPARER NAME: Andrew Gallis  
 PREPARER TELEPHONE: 860-440-0244

1. Design Electrical Rating:	877.2		
2. Maximum Dependable Capacity (MWe-Net)	869.5		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,233.65	269,542.57
4. Number of Hours Generator On-line	721.00	7,209.35	263,309.74
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	618,750.00	6,158,047.37	221,295,555.07

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Millstone Unit 2 operated at or near 100% power from the beginning of the month until November 1, 2017. On November 1, 2017 at 0902 hours the unit commenced a downpower to 97% power due to a failure of 2-HD-110 Heater Drain Tank High Level Dump Valve. On November 1, 2017 at 0940 hours the unit reached 97% power. On November 1, 2017 at 1522 hours the unit commenced a return to 100% power. On November 1, 2017 at 1820 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: 201712

PREPARER NAME: Russell Benson  
PREPARER TELEPHONE: 860-440-5196

1. Design Electrical Rating:	877.2		
2. Maximum Dependable Capacity (MWe-Net)	869.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,977.65	270,286.57
4. Number of Hours Generator On-line	744.00	7,953.35	264,053.74
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	640,708.60	6,798,755.97	221,936,263.67

## UNIT SHUTDOWNS

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

SUMMARY Millstone Unit 2 operated at or near 100% power throughout the month of December 2017.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201710

PREPARER NAME: Andrew Gallis  
 PREPARER TELEPHONE: 860-440-0244

1. Design Electrical Rating: 1229  
 2. Maximum Dependable Capacity (MWe-Net) 1210

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	287.10	6,838.10	222,565.09
4. Number of Hours Generator On-line	285.53	6,836.53	220,322.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	340,611.80	8,366,095.80	252,309,257.94

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2017-	10/12/2017		S	458.47	C	1	3R18 Refueling Outage Significant Work Activities: Reactor Vessel Head Volumetric and Bare Head Metal Inspection, ECT - 'A' and 'C' Steam Generators, Small Bore Service Water Improvements, FAC pipe Replacements, Polar Crane Maintenance Truss King Pin repair, Open Phase Project - Detection RSST/GSU transformers, 34C 4.16 kV Bus Inspections, RSST PMs, 'A' CCP Heat Exchanger replacement, 'A' EDG governor replacement, 'A' EDG 3 year overhaul, Battery 5 replacement, 'A' RHR Heat Exchanger gasket replacement, HP Turbine Inspection with Front Standard Inspections, 'B' TDFW Pump Mechanical seal replacement, TDADF pump - bonnet modification, Outfall Fish Barrier Structures Repair, 'A' RCP Motor replacement, 'A' and 'C' RCP seal replacements, and reactor refueling.

**SUMMARY** Millstone Unit 3 operated at or near 100% power until October 12, 2017. At 2132 hours on October 12, 2017, the unit was removed from service for a refueling and maintenance outage scheduled for 34 days. The unit remained in the outage through the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201711

PREPARER NAME: Andrew Gallis  
 PREPARER TELEPHONE: 860-440-0244

1. Design Electrical Rating:	1229		
2. Maximum Dependable Capacity (MWe-Net)	1210		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	426.12	7,264.22	222,991.21
4. Number of Hours Generator On-line	390.93	7,227.46	220,713.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	452,757.90	8,818,853.70	252,762,015.84

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2017-	10/12/2017	S		330.07	C	4	3R18 Refueling Outage Significant Work Activities: Reactor Vessel Head Volumetric and Bare Head Metal Inspection, ECT - 'A' and 'C' Steam Generators, Small Bore Service Water Improvements, FAC pipe Replacements, Polar Crane Maintenance Truss King Pin repair, Open Phase Project - Detection RSST/GSU transformers, 34C 4.16 kV Bus Inspections, RSST PMs, 'A' CCP Heat Exchanger replacement, 'A' EDG governor replacement, 'A' EDG 3 year overhaul, Battery 5 replacement, 'A' RHR Heat Exchanger gasket replacement, HP Turbine Inspection with Front Standard Inspections, 'B' TDFW Pump Mechanical seal replacement, TDADF pump - bonnet modification, Outfall Fish Barrier Structures Repair, 'A' RCP Motor replacement, 'A' and 'C' RCP seal replacements, and reactor refueling.

**SUMMARY** Millstone Unit 3 restarted from a planned refueling outage on November 13, 2017. Cycle 19 initial criticality occurred on November 13, 2017 at 0553 hours. The main generator was phased to the grid on November 14, 2017 at 1704 hours. The unit reached 100% power on November 17, 2017 at about 0948 hours. The unit operated at or near 100% power for the remainder of November 2017.



# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Russell Benson  
 PREPARER TELEPHONE: 860-440-5196

1. Design Electrical Rating:	1229		
2. Maximum Dependable Capacity (MWe-Net)	1210		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,008.22	223,735.21
4. Number of Hours Generator On-line	744.00	7,971.46	221,457.78
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	921,439.10	9,740,292.80	253,683,454.94

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Millstone Unit 3 operated at or near 100% power throughout the month of December 2017.

# OPERATING DATA REPORT

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201710

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

1. Design Electrical Rating:	656.3		
2. Maximum Dependable Capacity (MWe-Net)	628.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,615.03	345,761.95
4. Number of Hours Generator On-line	744.00	6,586.27	341,328.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	490,160.00	4,196,859.00	183,280,106.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Reactor was operated at 100% the entire month.

# OPERATING DATA REPORT

DOCKET: 263  
UNIT\_NME: Monticello Unit 1  
RPT\_PERIOD: 201711

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

1. Design Electrical Rating:	656.3		
2. Maximum Dependable Capacity (MWe-Net)	628.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,336.03	346,482.95
4. Number of Hours Generator On-line	721.00	7,307.27	342,049.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	475,734.00	4,672,593.00	183,755,840.30

## UNIT SHUTDOWNS

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

SUMMARY Reactor was operated at 100% power the entire month.

# OPERATING DATA REPORT

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201712

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

1. Design Electrical Rating:	656.3		
2. Maximum Dependable Capacity (MWe-Net)	628.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,080.03	347,226.95
4. Number of Hours Generator On-line	744.00	8,051.27	342,793.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	486,997.00	5,159,590.00	184,242,837.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There was one planned downpower to 75% on 12/16/17 through 12/17/17 for quarterly valve testing, sequence exchange, and scram time testing.

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	613		
2. Maximum Dependable Capacity (MWe-Net)	565		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,863.71	327,561.38
4. Number of Hours Generator On-line	744.00	6,833.93	322,300.79
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	457,041.89	3,988,172.32	185,470,834.06

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (15 MWh total):

Feedwater Surveillance Testing - 15 MWh.

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating: 613  
 2. Maximum Dependable Capacity (MWe-Net) 565

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,584.71	328,282.38
4. Number of Hours Generator On-line	712.88	7,546.81	323,013.67
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	433,282.79	4,421,455.11	185,904,116.85

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
N1F17 02	11/18/2017	F		8.12	A	5	Forced Outage due to turbine high vibrations (IR 4076322).

SUMMARY Unplanned losses - Drywell Entry to Identify Leakage and Forced Outage, N2F1702, entered for Turbine Vibrations (Reference IR 04058998 and IR 04076322).

Exempt Losses (289 MWh total):

Rodline Adjustments following N2F1702 Forced Outage - 288 MWh.  
 Reactor Coolant System Isolation Surveillance Testing - 1 MWh.

# OPERATING DATA REPORT

DOCKET: 220  
UNIT\_NME: Nine Mile Point Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Sean Goodwin  
PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating: 613  
2. Maximum Dependable Capacity (MWe-Net) 565

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,328.71	329,026.38
4. Number of Hours Generator On-line	744.00	8,290.81	323,757.67
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	463,828.42	4,885,283.53	186,367,945.27

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	1299.9		
2. Maximum Dependable Capacity (MWe-Net)	1276.8		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,234.53	225,325.11
4. Number of Hours Generator On-line	744.00	7,230.12	221,764.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	953,058.83	9,226,028.50	248,174,835.83

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (708 MWh total):

Rodline Adjustment - 17 MWh.  
 Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 691 MWh.



# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	1299.9		
2. Maximum Dependable Capacity (MWe-Net)	1276.8		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,955.53	226,046.11
4. Number of Hours Generator On-line	721.00	7,951.12	222,485.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	927,128.39	10,153,156.89	249,101,964.22

## UNIT SHUTDOWNS

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

SUMMARY Exempt Losses (2638 MWh total):

Turbine Valve Testing and Sequence Exchange - 2278 MWh.  
 Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 360 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Sean Goodwin  
 PREPARER TELEPHONE: 315-349-1213

1. Design Electrical Rating:	1299.9		
2. Maximum Dependable Capacity (MWe-Net)	1276.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,699.53	226,790.11
4. Number of Hours Generator On-line	744.00	8,695.12	223,229.31
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	969,072.70	11,122,229.59	250,071,036.92

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Exempt Losses (391 MWh total):

Rodline Adjustments - 19 MWh.  
 Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 372 MWh.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 948

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,295.00	293,701.43
4. Number of Hours Generator On-line	744.00	7,295.00	289,886.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	719,941.69	7,059,699.96	257,286,562.55

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Began the Month @ 100% Power, 1015 MWe. Ended the Month @ 100% Power, 1024 MWe.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating:	973		
2. Maximum Dependable Capacity (MWe-Net)	948		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	294,422.43
4. Number of Hours Generator On-line	721.00	8,016.00	290,607.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	705,205.74	7,764,905.70	257,991,768.29

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Began the Month @ 100% Power, 1024 MWe.

On 11-15-17 @ 1006, commence ramp to 96% power to perform Turbine Valve Freedom Test 1-PT-34.3. On 11-15-17 @ 1032, 96% Power, 986 MWe. On 11-15-17 @ 1120, 1-PT-34.3 complete Sat. Commence ramp to full power. On 11-15-17 @ 1804, 99.5% Power, 1030 MWe.

Ended the Month @ 100% Power, 1031 MWe.

Note: Exempt energy loss of 61 MW attributed to scheduled Turbine Valve Freedom Test.

# OPERATING DATA REPORT

DOCKET: 338  
UNIT\_NME: North Anna Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: W.C.BEASLEY  
PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
2. Maximum Dependable Capacity (MWe-Net) 948

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	295,166.43
4. Number of Hours Generator On-line	744.00	8,760.00	291,351.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	727,434.48	8,492,340.18	258,719,202.77

## UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1031 MWe.

On 12-13-17 @ 0928 commence ramp down to approx. 992 MWe. to perform 1-PT-13.4. On 12-13-17 @ 0942, unit stabilized A 992 MWe.  
On 12-13-17 @ commence ramp up. On 12-13-17 @ 1617, unit is returned to 100%.

Ended the Month @ 100% Power, 1029 MWe.

Note: Exempt Energy Loss attributed to 1-PT-13.4

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 944

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	536.15	6,583.00	280,998.59
4. Number of Hours Generator On-line	515.55	6,527.98	279,078.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	471,238.40	6,272,964.38	249,561,350.02

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
N2-2017-001	9/9/2017		S	228.45	C	4		Scheduled Refueling Outage

**SUMMARY** Began the Month in Mode 6. At 1551 on 10-9-17, Reactor is Critical. At 1227 on 10-10-17, placed unit on line. At 0700 on 10-13-17 Unit @ 98% Power, 1000 MWe. Ended the Month @ 99.3 % power, 1023 MWe.

Note: Planned MW Loss Outage 220,132.209 MW. Exempt 25,270.25 MW. Planned Main Feed Water Pump PMT of 131 MW on 10-18-17. Planned Main Feed Pump swap of 5 MW on 10-31-17 = 245,538.459

# OPERATING DATA REPORT

DOCKET: 339  
UNIT\_NME: North Anna Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: W.C.BEASLEY  
PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
2. Maximum Dependable Capacity (MWe-Net) 944

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,304.00	281,719.59
4. Number of Hours Generator On-line	721.00	7,248.98	279,799.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	704,871.03	6,977,835.41	250,266,221.05

## UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 99.3% power, 1023 MWe. Ended the Month @ 100% Power, 1030 MWe.

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: W.C.BEASLEY  
 PREPARER TELEPHONE: 540-894-2520

1. Design Electrical Rating: 973  
 2. Maximum Dependable Capacity (MWe-Net) 944

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	693.67	7,997.67	282,413.26
4. Number of Hours Generator On-line	688.27	7,937.25	280,487.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	655,911.69	7,633,747.10	250,922,132.74

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
N2- 2017- 002	12/10/2017	F	S	55.73	A	1		To make repairs on RVLIS Sensor Bellows

SUMMARY Began the Month @ 100% Power, 1030 MWe.

On 12-10-17 @ 0841, commence ramping unit 2 offline to make repairs on the RVLIS Sensor Bellows. On 12-10-17 @ 1414, Unit is offline. On 12-10-17 @ 1438, Tripped the Reactor. On 12-12-17 @ 1658, reactor is Critical. On 12-12-17 @ 2158, placed unit on line and commence ramp up. On 12-20-17 @ 0921, due to issues with 2-FW-E-1A, unit ramped down to 98.1% Power, 980 MWe. On 12-22-17 @ 1218 commence ramp to restore Unit 2 to full power. On 12-22-17 @ 1256, 99.1% Power, 1020 MWe.

Ended the Month @ 99 % Power, 1027 MWe.

Note: The entire MW loss for this outage was 74,020 MW 72,003 MW attributed to the shutdown and startup, and 2017 MW attributed to the issues with 2-FW-E-1A .



# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Thomas E. Hunter  
PREPARER TELEPHONE: 864-873-3986

1. Design Electrical Rating: 865  
2. Maximum Dependable Capacity (MWe-Net) 847

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,124.32	320,569.17
4. Number of Hours Generator On-line	744.00	7,118.13	316,384.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	633,605.00	6,095,913.00	261,624,031.00

## UNIT SHUTDOWNS

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

SUMMARY Unit One was at 100% Full Power (FP) at the beginning of October, 2017.

Unit One was at 100% FP at the end of October, 2017.

# OPERATING DATA REPORT

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 865  
 2. Maximum Dependable Capacity (MWe-Net) 847

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,845.32	321,290.17
4. Number of Hours Generator On-line	721.00	7,839.13	317,105.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	618,035.00	6,713,948.00	262,242,066.00

## UNIT SHUTDOWNS

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

SUMMARY Unit One was at 100% Full Power (FP) at the beginning of November, 2017.

Unit One was at 100% FP at the end of November, 2017.

# OPERATING DATA REPORT

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Thomas E. Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating:	865		
2. Maximum Dependable Capacity (MWe-Net)	847		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,589.32	322,034.17
4. Number of Hours Generator On-line	744.00	8,583.13	317,849.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,834.00	7,356,782.00	262,884,900.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit One was at 100% Full Power (FP) at the beginning of December, 2017.

12/15/1711:23Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

12/15/1711:43Completed power decrease to 96% FP.

12/15/1713:31Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

12/15/1714:09Completed power increase to 99.5% FP.

12/15/1714:23Began power increase from 99.5% FP to 100% FP.

12/15/1714:42Completed power increase to 100% FP.

Unit One was at 100% FP at the end of December, 2017.

# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Thomas E. Hunter  
PREPARER TELEPHONE: 864-873-3986

1. Design Electrical Rating: 872
2. Maximum Dependable Capacity (MWe-Net) 848

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	647.02	7,198.02	322,489.16
4. Number of Hours Generator On-line	645.60	7,196.60	319,291.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	500,013.00	6,143,414.00	264,571,876.00

### UNIT SHUTDOWNS

No.	Date	Type	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced S: Scheduled				
1	10/27/2017	S	98.40	C	1	This is a planned end of cycle refueling outage.

SUMMARY Unit Two was at 99.5% Full Power (FP) at the beginning of October, 2017.

10/01/1704:56Began power decrease from 99.5% FP to 99.0% FP for Unit 2 End of Cycle 28 power coast down.

10/01/1705:01Completed power decrease to 99.0% FP.

10/02/1721:40Began power decrease from 99.0% FP to 98.5% FP for Unit 2 End of Cycle 28 power coast down.

10/02/1721:49Completed power decrease to 98.5% FP.

10/03/1703:15Began power decrease from 98.5% FP to 98.0% FP for Unit 2 End of Cycle 28 power coast down.

10/03/1703:30Completed power decrease to 98.0% FP.

10/05/1701:10Began power decrease from 98.0% FP to 97.5% FP for Unit 2 End of Cycle 28 power coast down.

10/05/1701:14Completed power decrease to 97.5% FP.

10/06/1701:30Began power decrease from 97.5% FP to 97.0% FP for Unit 2 End of Cycle 28 power coast down.

10/06/1701:35Completed power decrease to 97.0% FP.

10/09/1701:26Began power decrease from 97.0% FP to 96.5% FP for Unit 2 End of Cycle 28 power coast down.

10/09/1701:31Completed power decrease to 96.5% FP.

10/10/1700:53Began power decrease from 96.5% FP to 96.0% FP for Unit 2 End of Cycle 28 power coast down.

10/10/1700:58Completed power decrease to 96.0% FP.

10/12/1722:13Began power decrease from 96.0% FP to 95.5% FP for Unit 2 End of Cycle 28 power coast down.

10/12/1722:18Completed power decrease to 95.5% FP.

10/13/1709:29Began power decrease from 95.5% FP to 95.0% FP for Unit 2 End of Cycle 28 power coast down.

10/13/1709:34Completed power decrease to 95.0% FP.

10/13/1714:52Began power decrease from 95.0% FP to 94.7% FP for Unit 2 End of Cycle 28 power coast down.

10/13/1714:57Completed power decrease to 94.7% FP.

10/13/1716:58Began power decrease from 94.7% FP to 94.4% FP for Unit 2 End of Cycle 28 power coast down.

10/13/1717:03Completed power decrease to 94.4% FP.

10/13/1720:01Began power decrease from 94.4% FP to 94.0% FP for Unit 2 End of Cycle 28 power coast down.

10/13/1720:06Completed power decrease to 94.0% FP.

10/13/1723:03Began power decrease from 94.0% FP to 93.5% FP for Unit 2 End of Cycle 28 power coast down.

10/13/1723:08Completed power decrease to 93.5% FP.

# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating:	872		
2. Maximum Dependable Capacity (MWe-Net)	848		
		<b>This Month</b>	<b>Yr-to-Date</b>
3. Number of Hours the Reactor was Critical	144.33	7,342.35	322,633.49
4. Number of Hours Generator On-line	103.77	7,300.37	319,394.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	76,862.00	6,220,276.00	264,648,738.00

### UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
1	10/27/2017	S	617.23	C	4	This is a planned end of cycle refueling outage.

SUMMARY Unit Two was at 0.0% Full Power (FP) at the beginning of November, 2017.

11/24/1723:40 Unit 2 reactor critical.

11/25/1706:23 Began raising power to 2.5 - 3.5% FP for Unit 2 startup.

11/25/1706:36 Completed power increase to 3% FP.

11/25/1706:38 Began raising power from 3% FP to 6-7% FP.

11/25/1707:14 Completed power increase to ~6% FP.

11/25/1707:15 Began power increase from ~6% FP to 15% FP.

11/25/1707:59 Completed power increase to 15% FP.

11/25/1708:30 Power held at 15% FP to investigate issues with the Integrated Control System (ICS) not controlling properly. (NCR 02167479, 02167511).

11/26/1704:54 Began power increase from 15% FP to 19-20% FP.

11/26/1705:30 Completed power increase to ~20% FP.

11/26/1716:14 Unit 2 Main Turbine Generator online to end Unit 2 Refueling Outage 28.

11/26/1717:22 Began power increase from ~20% FP to 50% FP.

11/26/1717:45 Paused power increase at ~23% FP.

11/26/1718:13 Resumed power increase from ~23% FP to 50% FP.

11/26/1718:40 Paused power increase at 27.6% FP due to Quadrant Power Tilt alarms.

11/26/1718:41 Resumed power increase to 50% FP.

11/26/1720:03 Paused power increase at 42% FP for the start of the 2B Main Feedwater Pump and a Nuclear Instrument calibration.

11/26/1722:55 Resumed power increase from 42% FP to 50% FP.

11/26/1723:39 Completed power increase to 50% FP.

11/26/1723:39 Began power increase to 73% FP for Power Imbalance Detector Correlation (PIDC) testing.

11/27/1704:30 Completed power increase to 73% FP.

11/27/1709:09 Began power increase from 73% FP to 90% FP after completion of PIDC.

11/27/1712:42 Completed power increase to 90% FP.

11/27/1713:01 Began power increase from 90% FP to 99.5% FP.

11/27/1716:00 Paused power increase at 98% FP for a Nuclear Instrument calibration.

11/27/1723:00 Resumed power increase from 98% FP to 99.5% FP.

# OPERATING DATA REPORT

DOCKET: 270  
UNIT\_NME: Oconee Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: Thomas E. Hunter  
PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 872  
2. Maximum Dependable Capacity (MWe-Net) 848

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,086.35	323,377.49
4. Number of Hours Generator On-line	744.00	8,044.37	320,138.94
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	649,339.00	6,869,615.00	265,298,077.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Two was at 100% Full Power (FP) at the beginning of December, 2017.

Unit Two was at 100% FP at the end of December, 2017.



# OPERATING DATA REPORT

DOCKET: 287  
UNIT\_NME: Oconee Unit 3  
RPT\_PERIOD: 201710

PREPARER NAME: Thomas E. Hunter  
PREPARER TELEPHONE: 864-873-3986

1. Design Electrical Rating: 881  
2. Maximum Dependable Capacity (MWe-Net) 859

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,272.45	315,340.33
4. Number of Hours Generator On-line	744.00	7,265.48	312,029.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	639,865.00	6,295,077.00	262,152,048.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of October, 2017.

Unit Three was at 100% FP at the end of October, 2017.

# OPERATING DATA REPORT

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201711

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating:	881		
2. Maximum Dependable Capacity (MWe-Net)	859		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,993.45	316,061.33
4. Number of Hours Generator On-line	721.00	7,986.48	312,750.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	627,194.00	6,922,271.00	262,779,242.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of November, 2017.

11/10/1710:45Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

11/10/1711:07Completed power decrease to 96% FP.

11/10/1713:37Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

11/10/1714:12Completed power increase to 99.5% FP.

11/10/1714:32Began power increase from 99.5% FP to 100% FP.

11/10/1714:37Completed power increase to 100% FP.

11/15/1713:00Placed Integrated Control System (ICS) to Hand to support a PGM module replacement.

11/15/1713:30Power decreased to ~99.5% FP.

11/15/1713:47Placed ICS to Auto following PGM module replacement.

11/15/1714:10Began power increase from ~99.5% FP to 100% FP.

11/15/1714:20Completed power increase to 100% FP.

Unit Three was at 100% FP at the end of November, 2017.

# OPERATING DATA REPORT

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Thomas E. Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 881  
 2. Maximum Dependable Capacity (MWe-Net) 859

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,737.45	316,805.33
4. Number of Hours Generator On-line	744.00	8,730.48	313,494.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	650,076.00	7,572,347.00	263,429,318.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of December, 2017.

Unit Three was at 100% FP at the end of December, 2017.

# OPERATING DATA REPORT

DOCKET: 219  
UNIT\_NME: Oyster Creek Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: C. Lefler  
PREPARER TELEPHONE: 609-971-2158

1. Design Electrical Rating: 650  
2. Maximum Dependable Capacity (MWe-Net) 619

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,253.87	332,148.47
4. Number of Hours Generator On-line	744.00	7,237.90	326,661.37
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	464,303.00	4,503,746.00	190,918,076.40

## UNIT SHUTDOWNS

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

SUMMARY There were no planned or unplanned energy losses for October.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: C. Lefler  
 PREPARER TELEPHONE: 6099712158

1. Design Electrical Rating:	650		
2. Maximum Dependable Capacity (MWe-Net)	619		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,974.87	332,869.47
4. Number of Hours Generator On-line	721.00	7,958.90	327,382.37
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	454,544.00	4,958,290.00	191,372,620.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were 1,084 MWh planned and 1,257 MWh unplanned energy losses for November:

- 11/9/17 - 4 MWh - C Recirc Pump OOS for maint (PEL)
- 11/10/17 - 208 MWh - C Recirc Pump return to service (PEL)
- 11/15/17 - 6 MWh - D Recirc Pump OOS for maint (PEL)
- 11/17/17 - 167 MWh - D Recirc Pump return to service (PEL)
- 11/27/17 - 52 MWh - B Recirc Pump OOS for maint (PEL)
- 11/29/17 - 647 MWh - B Recirc Pump return to service (PEL)
- 11/30/17 - 1,257 MWh - 1A3 HP Feedwater Heater removed from service (UPEL)

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: C. Lefler  
 PREPARER TELEPHONE: 6099712158

1. Design Electrical Rating:	650		
2. Maximum Dependable Capacity (MWe-Net)	619		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,718.87	333,613.47
4. Number of Hours Generator On-line	744.00	8,702.90	328,126.37
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWHrs)	471,281.00	5,429,571.00	191,843,901.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were 0 MWh planned and 1,379 MWh unplanned energy losses for December:

12/1/17 - 1,379 MWh - 1A3 HP Feedwater Heater removed from service (UPEL)

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: D. Clemens  
 PREPARER TELEPHONE: 269-764-2707

1. Design Electrical Rating: 805  
 2. Maximum Dependable Capacity (MWe-Net) 777

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	6,536.48	286,105.45
4. Number of Hours Generator On-line	744.00	6,503.55	279,848.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	601,210.62	4,896,918.77	203,105,812.59

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Palisades operated at full power for the month of October 2017.

# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: D. Clemens  
 PREPARER TELEPHONE: 269-764-2707

1. Design Electrical Rating: 805  
 2. Maximum Dependable Capacity (MWe-Net) 777

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,257.48	286,826.45
4. Number of Hours Generator On-line	721.00	7,224.55	280,569.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	589,535.61	5,486,454.38	203,695,348.20

## UNIT SHUTDOWNS

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

SUMMARY Palisades operated at full power for the month of November with the exception of one derate to 96.8% power on 11/14/17 to perform maintenance.



# OPERATING DATA REPORT

DOCKET: 255  
 UNIT\_NME: Palisades Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: D. Clemens  
 PREPARER TELEPHONE: 269-764-2707

1. Design Electrical Rating: 805  
 2. Maximum Dependable Capacity (MWe-Net) 777

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,001.48	287,570.45
4. Number of Hours Generator On-line	744.00	7,968.55	281,313.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	611,042.67	6,097,497.05	204,306,390.87

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Palisades operated at full power for the month of December 2017.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1333		
2. Maximum Dependable Capacity (MWe-Net)	1311		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	144.00	6,696.00	228,519.13
4. Number of Hours Generator On-line	144.00	6,696.00	226,305.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	185,507.64	8,767,920.49	279,541,046.15

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Shutting Down 1	Shutting Down 2	
17-01	10/7/2017		S	600.00	C	1		Manually tripped the RX to commence 20th refueling outage.

**SUMMARY** The unit began the month in Mode 1 with the reactor at full power. On October 6th at 2030 the unit began a planned RX power decrease to shutdown the RX for refueling. The reactor was manually tripped from ~32.5% on October 7th at 0000 and entered Mode 3 to commence the R20 outage. The unit entered Mode 4 and Mode 5 on October 7th. The unit entered Mode 6 on October 11th. The unit entered a defueled condition on October 15th. The unit began fuel reload and entered Mode 6 on October 25th and entered mode 5 on October 29th. The unit ended the month in Mode 5 with the R20 in progress.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating: 1333  
 2. Maximum Dependable Capacity (MWe-Net) 1311

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	606.92	7,302.92	229,126.05
4. Number of Hours Generator On-line	571.95	7,267.95	226,877.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	715,241.85	9,483,162.34	280,256,288.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
17-01	10/7/2017		S	148.05	C	4		Manually tripped the RX to commence 20th refueling outage.

**SUMMARY** The unit began the month in Mode 5 with R20 in progress. On November 3rd, the unit entered mode 4 and on November 4th, the unit entered Mode 3. The unit entered Mode 2 on November 5th, was taken critical at 1705 that same day. On November 6th, the unit reached mode 1 at 0525. The unit was synchronized to the grid at 1853 on November 6th, in preparation for planned over-speed testing. The turbine was taken offline on November 7th at 0118 for the test. Testing was completed successfully and the unit was resynchronized to the grid on November 7th at 0403. Completed power ascension for 1R20 to full power on November 9th at 2235. The unit ended the month in Mode 1 with the reactor power at full power.

# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1333		
2. Maximum Dependable Capacity (MWe-Net)	1311		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,046.92	229,870.05
4. Number of Hours Generator On-line	744.00	8,011.95	227,621.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	994,790.52	10,477,952.86	281,251,078.52

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201710

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1336		
2. Maximum Dependable Capacity (MWe-Net)	1314		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,575.20	230,851.96
4. Number of Hours Generator On-line	744.00	6,546.52	228,800.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	993,115.72	8,625,521.45	289,171,600.71

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201711

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1336		
2. Maximum Dependable Capacity (MWe-Net)	1314		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	7,295.20	231,571.96
4. Number of Hours Generator On-line	720.00	7,266.52	229,520.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	963,862.07	9,589,383.52	290,135,462.78

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201712

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1336		
2. Maximum Dependable Capacity (MWe-Net)	1314		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,039.20	232,315.96
4. Number of Hours Generator On-line	744.00	8,010.52	230,264.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	999,219.20	10,588,602.72	291,134,681.98

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201710

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1334		
2. Maximum Dependable Capacity (MWe-Net)	1312		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,183.75	225,758.28
4. Number of Hours Generator On-line	744.00	7,161.85	223,872.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	983,918.23	9,329,005.13	280,271,320.57

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201711

PREPARER NAME: Todd Horton  
 PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating:	1334		
2. Maximum Dependable Capacity (MWe-Net)	1312		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	720.00	7,903.75	226,478.28
4. Number of Hours Generator On-line	720.00	7,881.85	224,592.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	954,324.67	10,283,329.80	281,225,645.24

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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: 201712

PREPARER NAME: Todd Horton  
PREPARER TELEPHONE: 623-393-6418

1. Design Electrical Rating: 1334  
2. Maximum Dependable Capacity (MWe-Net) 1312

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,647.75	227,222.28
4. Number of Hours Generator On-line	744.00	8,625.85	225,336.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	990,251.75	11,273,581.55	282,215,896.99

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1308		
2. Maximum Dependable Capacity (MWe-Net)	1217		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	305,912.74
4. Number of Hours Generator On-line	744.00	7,295.00	301,037.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	958,004.00	9,396,865.60	316,450,592.70

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month of October at 100.0% of maximum allowable power (3951 MWth).

On October 5, 2017 at 00:01, Unit 2 began an unplanned load reduction unplanned exempt generation loss for water box inlet valve cycling. Minimum power of 3763 MWth (95.2% CTP) was reached on 10/5/17 at 01:52. The Unit was returned to 100% power on October 5, 2017 at 02:13.

Unit 2 ended the month of October at 100.0% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1308		
2. Maximum Dependable Capacity (MWe-Net)	1217		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	306,633.74
4. Number of Hours Generator On-line	721.00	8,016.00	301,758.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	952,435.60	10,349,301.20	317,403,028.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month of November at 100.0% of maximum allowable power (3951 MWth).

No events for the month of November.

Unit 2 ended the month of November at 100.0% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 7174564420

1. Design Electrical Rating:	1308		
2. Maximum Dependable Capacity (MWe-Net)	1217		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	307,377.74
4. Number of Hours Generator On-line	744.00	8,760.00	302,502.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	963,766.90	11,313,068.10	318,366,795.20

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 began the month of December at 100.0% of maximum allowable power (3951 MWth).

On December 10, 2017 at 23:00, Unit 2 began a planned load reduction for HCU maintenance. Minimum power of 3817 MWth (96.6%) was reached on 12/10/17 at 23:06. The Unit was returned to power on December 11, 2017 at 00:49.

On December 15, 2017 at 21:36, Unit 2 began a planned load reduction for a rod sequence exchange. Minimum power of 2154 MWth (54.5 %) was reached on 12/15/2017 at 23:37. On 12/16/17 at 12:34 Unit 2 began an additional unplanned excluded load reduction to investigate a Recirc Pump low oil level. The unit reached a minimum of 1537 MWth (38.9%) on 12/16/2017 at 17:02. The Unit returned to full power on December 17, 2017 at 14:10.

Unit 2 ended the month of December at 100.0% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201710

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1309		
2. Maximum Dependable Capacity (MWe-Net)	1234		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	529.13	7,080.13	304,922.28
4. Number of Hours Generator On-line	528.03	7,079.03	300,458.08
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	521,898.00	8,720,079.60	314,163,271.20

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
P3R21	10/23/2017	S		215.97	C	1	On October 22, 2017 at 12:01, Unit 3 began ramp down to planned refuel outage P3R21. Main Generator was removed from service on October 23, 2017 at 00:02 and the mode switch was placed in shutdown (mode 3) 10/23/17 at 01:08.

**SUMMARY** Unit 3 began the month of October at the 85.6% of maximum allowable power (3951 MWth) due to coastdown to P3R21.

On October 22, 2017 at 12:01, Unit 3 began ramp down to planned refuel outage P3R21. Main Generator was removed from service on October 23, 2017 at 00:02 and the mode switch was placed in shutdown (mode 3) 10/23/17 at 01:08.

Unit 3 ended the month of October at the 0.0% of maximum allowable power (3951 MWth) due to planned refuel outage P3R21.

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201711

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 717-456-4420

1. Design Electrical Rating:	1309		
2. Maximum Dependable Capacity (MWe-Net)	1234		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	578.68	7,658.81	305,500.96
4. Number of Hours Generator On-line	555.35	7,634.38	301,013.43
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	712,483.60	9,432,563.20	314,875,754.80

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
P3R21	10/23/2017		S	165.65	C	4		On October 22, 2017 at 12:01, Unit 3 began ramp down to planned refuel outage P3R21. Main Generator was removed from service on October 23, 2017 at 00:02 and the mode switch was placed in shutdown (mode 3) 10/23/17 at 01:08.

**SUMMARY** Unit 3 began the month of November at the 0% of maximum allowable power (3951 MWth) P3R21 outage.

On November 06, 2017 at 21:19, Unit 3 achieved initial criticality following P3R21. The main generator synchronized to the grid on November 07, 2017 at 20:39. The Unit was returned to 100% power on November 09, 2017 at 03:39.

On November 10, 2017 at 23:01, Unit 3 began a planned load reduction for a follow up rod pattern change. Minimum power of 3153.6 MWth (79.8%) was reached on 11/10/17 at 23:42. The Unit was returned to 100% power on November 11, 2017 at 03:27.

Unit 3 ended the month of November at the 100.0% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Brad Deihl  
 PREPARER TELEPHONE: 7174564420

1. Design Electrical Rating:	1309		
2. Maximum Dependable Capacity (MWe-Net)	1234		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,402.81	306,244.96
4. Number of Hours Generator On-line	744.00	8,378.38	301,757.43
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	988,805.90	10,421,369.10	315,864,560.70

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 3 began the month of December at 100% of maximum allowable power (3951 MWth).

On December 30, 2017 at 00:33, Unit 3 began an unplanned excluded load reduction due to a single rod drifting inward. Minimum power of 3817 MWth (96.6%) was reached on 12/30/17 at 02:17. The Unit was returned to 100% power on December 30, 2017 at 02:52.

Unit 3 ended the month of December at the 100.0% of maximum allowable power (3951 MWth).



# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: E. Schaefer  
 PREPARER TELEPHONE: 440-280-7571

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1240		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,610.50	220,735.02
4. Number of Hours Generator On-line	744.00	6,589.35	216,797.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	938,167.00	7,943,436.00	256,288,271.47

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unplanned entry into LCO 3.0.3 statement for 5.2 hrs. 1.3 hrs of Turbine valve Bypass test

# OPERATING DATA REPORT

DOCKET: 440  
 UNIT\_NME: Perry Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Ervin Schaefer  
 PREPARER TELEPHONE: 440-280-7517

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1240		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,331.50	221,456.02
4. Number of Hours Generator On-line	721.00	7,310.35	217,518.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	921,095.00	8,864,531.00	257,209,366.47

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Perry Operated at 100 % for the Month of November

# OPERATING DATA REPORT

DOCKET: 440  
UNIT\_NME: Perry Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Ervin L Schaefer  
PREPARER TELEPHONE: 440-280-7517

1. Design Electrical Rating:	1268		
2. Maximum Dependable Capacity (MWe-Net)	1240		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,075.50	222,200.02
4. Number of Hours Generator On-line	744.00	8,054.35	218,262.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	947,846.00	9,812,377.00	258,157,212.47

## UNIT SHUTDOWNS

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

SUMMARY Perry performed a sequence exchange in the month of December, otherwise operated at 100% power.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Doug Perry  
 PREPARER TELEPHONE: 5088307106

1. Design Electrical Rating:	690		
2. Maximum Dependable Capacity (MWe-Net)	684.7		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	6,259.12	303,606.09
4. Number of Hours Generator On-line	744.00	6,193.61	300,504.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	490,218.00	4,052,331.00	186,713,659.85

## UNIT SHUTDOWNS

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

**SUMMARY** Pilgrim entered October 2017 operating at 100% rated core thermal power (RCTP) and remained at 100% power for the remainder of the month with the exception of a planned power reduction from October 24-25 to perform a thermal backwash and an unplanned extension to that downpower to complete some maintenance activities. Also, a brief downpower for a planned control rod pattern adjustment was performed on October 26.

On October 24 at 0318, a power reduction was commenced to support backwash activities. At 0504 (on October 24) power was reduced to 46% and backwash activities began. Following completion of the backwash activities, power was held at ~50% while additional maintenance activities (hydrolasing Circulating Water Pumps, steam leak repair, etc.) were completed. Power ascension began on 10/25 at 0715 and 100% power was achieved at 2106 on 10/25.

On October 26, at ~1600, a downpower was commenced for a planned control rod pattern adjustment. At 1641, power was reduced to 72%. Power was restored to 100% at 1804 on October 26.

# OPERATING DATA REPORT

DOCKET: 293  
UNIT\_NME: Pilgrim Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Doug Perry  
PREPARER TELEPHONE: 5084943901

1. Design Electrical Rating:	690		
2. Maximum Dependable Capacity (MWe-Net)	684.7		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,980.12	304,327.09
4. Number of Hours Generator On-line	721.00	6,914.61	301,225.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	488,577.00	4,540,908.00	187,202,236.85

## UNIT SHUTDOWNS

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

SUMMARY Pilgrim entered November 2017 operating at 100% rated core thermal power (RCTP) and remained at 100% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: D. Perry  
 PREPARER TELEPHONE: 5088307106

1. Design Electrical Rating:	690		
2. Maximum Dependable Capacity (MWe-Net)	684.7		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,724.12	305,071.09
4. Number of Hours Generator On-line	744.00	7,658.61	301,969.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	505,927.00	5,046,835.00	187,708,163.85

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Pilgrim entered December 2017 operating at 100% rated core thermal power (RCTP) and remained at 100% power for the remainder of the month with the exception of a downpower to 92% on December 9 for a control rod pattern adjustment. Power was reduced to 92% at 0900 on 12/9 and returned to 100% at 1010 on 12/9.

# OPERATING DATA REPORT

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: R Clark  
 PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
 2. Maximum Dependable Capacity (MWe-Net) 576

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	164.45	6,715.45	350,678.15
4. Number of Hours Generator On-line	144.03	6,695.03	346,547.44
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	74,320.30	3,978,855.50	169,456,220.30

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
119	10/7/2017		S	599.97	C	1		Refueling Outage U1R37

SUMMARY

# OPERATING DATA REPORT

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: R Clark  
 PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
 2. Maximum Dependable Capacity (MWe-Net) 576

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,436.45	351,399.15
4. Number of Hours Generator On-line	719.20	7,414.23	347,266.64
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	414,925.40	4,393,780.90	169,871,145.70

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
119	10/7/2017		S	1.80	C	4	Refueling Outage U1R37

SUMMARY



# OPERATING DATA REPORT

DOCKET: 266  
 UNIT\_NME: Point Beach Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: R Clark  
 PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating:	615		
2. Maximum Dependable Capacity (MWe-Net)	576		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,180.45	352,143.15
4. Number of Hours Generator On-line	744.00	8,158.23	348,010.64
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	449,083.00	4,842,863.90	170,320,228.70

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: R Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 578

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,666.30	343,653.95
4. Number of Hours Generator On-line	744.00	6,648.02	340,072.54
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	450,663.50	3,921,721.00	169,083,059.30

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: R Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 578

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,387.30	344,374.95
4. Number of Hours Generator On-line	721.00	7,369.02	340,793.54
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	437,113.40	4,358,834.40	169,520,172.70

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: R Clark  
PREPARER TELEPHONE: 920-755-7500

1. Design Electrical Rating: 615  
2. Maximum Dependable Capacity (MWe-Net) 578

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,131.30	345,118.95
4. Number of Hours Generator On-line	744.00	8,113.02	341,537.54
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	451,865.00	4,810,699.40	169,972,037.70

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	522.1		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	338,169.58
4. Number of Hours Generator On-line	744.00	7,223.37	335,411.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	404,930.00	3,758,760.00	170,893,061.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY 269.35 MWhr lost due to level transmitter maintenance  
 282.85 MWhr lost due to reactor makeup system maintenance

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	522.1		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	338,890.58
4. Number of Hours Generator On-line	721.00	7,944.37	336,132.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	396,031.00	4,154,791.00	171,289,092.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 was baseloaded for the month of November

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	522.1		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	339,634.58
4. Number of Hours Generator On-line	744.00	8,688.37	336,876.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	410,206.00	4,564,997.00	171,699,298.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 was baseloaded for the month of December.

# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	518.8		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	308.90	6,859.90	333,799.84
4. Number of Hours Generator On-line	308.82	6,788.09	331,478.35
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	166,214.00	3,655,957.00	168,795,573.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2R30	10/13/2017		S	435.18	C	1	The outage began 10/13/2017 and ended 11/21/2017 at 0517

SUMMARY 52.29 MWhr lost due to AFW testing  
 250230.4 MWhr lost due to 2R30 outage  
 813.5MWhr lost due to 2R30 ramp down



# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Laura Jean Noonan  
 PREPARER TELEPHONE: 651-267-6449

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	518.8		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	274.32	7,134.22	334,074.16
4. Number of Hours Generator On-line	234.72	7,022.81	331,713.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	108,459.00	3,764,416.00	168,904,032.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2R30	10/13/2017	S		486.28	C	4	The outage began 10/13/2017 and ended 11/21/2017 at 0517

SUMMARY 46268.33 MWhr lost due to 2R30 outage extension  
 250230.99 MWhr lost due to 2R30 outage  
 17461.41 MWhr lost due to 2R30 ramp up

# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Jonathan Pomales  
 PREPARER TELEPHONE: 651-267-6420

1. Design Electrical Rating:	557		
2. Maximum Dependable Capacity (MWe-Net)	518.8		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,878.22	334,818.16
4. Number of Hours Generator On-line	744.00	7,766.81	332,457.07
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	415,318.00	4,179,734.00	169,319,350.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 was baseloaded for the month of December.

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Lisa J Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.2		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,865.75	333,998.63
4. Number of Hours Generator On-line	744.00	6,840.01	328,024.35
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	690,906.00	6,119,848.00	242,159,988.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1  
 10/01, 10/12, 10/15, 10/26-10/27/2017, 2296.2 MWe-hr, Not Planned or Unplanned, Advanced Nuclear Dispatch  
 10/28-10/29-2017, 1748.0 MWe-hr, PEL/EREL, Turbine Testing, Sequence Exchange, MSIV Testing  
 10/29/2017, 0.0 MWe-hr, Performed during Turbine Testing down power, 1A Condensate Pump Seal Repair, (IR 04053914)  
 10/30-10/31/2017, 2378.3 MWe-hr, UPEL, Turbine Control Valve #1 Suicided Closed, (IR 04068869)

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Cindy Berry  
 PREPARER TELEPHONE: 309-227-2812

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,586.75	334,719.63
4. Number of Hours Generator On-line	721.00	7,561.01	328,745.35
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	677,168.00	6,797,016.00	242,837,156.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1  
 11/15, 11/16/2017, 674.2 MWe-hr, Not Planned or Unplanned, Advanced Nuclear Dispatch  
 11/07, 11/09/2017, 18.0 MWe-hr, PEL/EREL, HPCI Testing  
 11/16-11/17/2017, 1461.9 MWe-hr, UPEL, Turbine Control Valve #1 Servo Cable Connection Maintenance, (IR 04075664)

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Lisa Clark  
 PREPARER TELEPHONE: 3092272815

1. Design Electrical Rating:	963.99		
2. Maximum Dependable Capacity (MWe-Net)	887.2		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,330.75	335,463.63
4. Number of Hours Generator On-line	744.00	8,305.01	329,489.35
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	701,142.00	7,498,158.00	243,538,298.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1  
 No PEL  
 No UPEL

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Lisa J Clark  
 PREPARER TELEPHONE: 309-227-2815

1. Design Electrical Rating:	957.3		
2. Maximum Dependable Capacity (MWe-Net)	888		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,163.52	326,438.42
4. Number of Hours Generator On-line	744.00	7,138.97	321,120.30
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	685,957.00	6,539,760.00	244,194,243.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2  
 10/01, 10/12, 10/15, 10/26-10/27/2017, 1594.5 MWe-hr, Not Planned or Unplanned, Advanced Nuclear Dispatch  
 10/11-10/31/2017, 1517.8 MWe-hr, PEL, 2A Circ Water Pump Overhaul, (IR 00593098/WO 00232231)  
 10/30/2017, 12.2, PEL/EREL, HPCI Performance Test

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Cindy Berry  
 PREPARER TELEPHONE: 309-227-2812

1. Design Electrical Rating:	957.3		
2. Maximum Dependable Capacity (MWe-Net)	888		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,884.52	327,159.42
4. Number of Hours Generator On-line	721.00	7,859.97	321,841.30
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	670,014.00	7,209,774.00	244,864,257.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2  
 11/16/2017, 411.1 MWe-hr, Not Planned or Unplanned, Advanced Nuclear Dispatch  
 11/18-11/19/2017, 2044.2 MWe-hr, PEL/EREL, Turbine Testing/Rod Pattern Adjustment/SCRAM Timing  
 11/19/2017, 0.0 MWe-hr, Performed during Turbine Testing down power, 2D Condensate Pump Set Screw, (IR 04053853)

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Lisa Clark  
 PREPARER TELEPHONE: 3092272815

1. Design Electrical Rating:	957.3		
2. Maximum Dependable Capacity (MWe-Net)	888		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,628.52	327,903.42
4. Number of Hours Generator On-line	744.00	8,603.97	322,585.30
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	693,942.00	7,903,716.00	245,558,199.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2  
 12/03/2017, 242.0 MWe-hr, PEL/EREL, Rod Pattern Adjustment  
 12/16-12/17/2017, 275.3 MWe-hr, PEL/EREL, Rod Pattern Adjustment



# OPERATING DATA REPORT

DOCKET: 458  
 UNIT\_NME: River Bend Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Alyson Coates  
 PREPARER TELEPHONE: 225-381-4630

1. Design Electrical Rating: 967  
 2. Maximum Dependable Capacity (MWe-Net) 967

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	6,217.90	238,512.68
4. Number of Hours Generator On-line	744.00	6,122.22	233,429.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	717,878.00	5,610,954.00	215,203,419.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY PLANNED Rod Pattern Adjustment per RMP-RBS-20-037 on 10/6/17

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Alyson Coates  
PREPARER TELEPHONE: 2253814630

1. Design Electrical Rating: 967  
2. Maximum Dependable Capacity (MWe-Net) 967

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,938.90	239,233.68
4. Number of Hours Generator On-line	721.00	6,843.22	234,150.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	705,118.00	6,316,072.00	215,908,537.00

## UNIT SHUTDOWNS

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

SUMMARY PLANNED: Control Rod Surveillance per RMP-RBS-20-040 on 11/10/17

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Alyson Coates  
PREPARER TELEPHONE: 2253814630

1. Design Electrical Rating: 967  
2. Maximum Dependable Capacity (MWe-Net) 967

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,682.90	239,977.68
4. Number of Hours Generator On-line	744.00	7,587.22	234,894.87
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	731,485.00	7,047,557.00	216,640,022.00

## UNIT SHUTDOWNS

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

SUMMARY PLANNED Control Rod Surveillance per RMP-RBS-20-042 on 12/12/17

# OPERATING DATA REPORT

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: T. Surma  
 PREPARER TELEPHONE: 843-857-1086

1. Design Electrical Rating: 795  
 2. Maximum Dependable Capacity (MWe-Net) 741

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	6,342.11	327,580.34
4. Number of Hours Generator On-line	744.00	6,286.98	323,778.02
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	569,005.00	4,776,454.00	222,111,292.00

## UNIT SHUTDOWNS

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

SUMMARY No October MWe losses.

# OPERATING DATA REPORT

DOCKET: 261  
UNIT\_NME: Robinson Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: T. Surma  
PREPARER TELEPHONE: 843-951-1086

1. Design Electrical Rating: 795  
2. Maximum Dependable Capacity (MWe-Net) 741

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,063.11	328,301.34
4. Number of Hours Generator On-line	721.00	7,007.98	324,499.02
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	560,667.00	5,337,121.00	222,671,959.00

## UNIT SHUTDOWNS

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

SUMMARY Planned downpower (exempt) to 50% for Turbine Valve testing.

# OPERATING DATA REPORT

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: T. Surma  
 PREPARER TELEPHONE: 843-951-1086

1. Design Electrical Rating:	795		
2. Maximum Dependable Capacity (MWe-Net)	741		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,807.11	329,045.34
4. Number of Hours Generator On-line	744.00	7,751.98	325,243.02
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	592,959.00	5,930,080.00	223,264,918.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY No generation losses for the month.

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1116		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	284.00	6,791.42	261,104.19
4. Number of Hours Generator On-line	284.00	6,780.95	255,266.04
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	320,549.00	7,912,243.00	275,151,174.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
1R25	10/12/2017		S	460.00	C	1		1R25 Refueling Outage

**SUMMARY** Forced loss is from 13 SG tube leak associated losses in SGBD. Majority of planned losses are related to 1R25 refueling outage. Exempt losses are all due to 1R25 refueling outage coast-down.

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 8563392545

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1116		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	485.48	7,276.90	261,589.67
4. Number of Hours Generator On-line	439.45	7,220.40	255,705.49
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	489,517.00	8,401,760.00	275,640,691.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
1R25	10/12/2017		S	281.55	C	4		1R25 Refueling Outage

**SUMMARY** Planned losses are due to refueling outage and power ascension, as well as downpowers for scheduled secondary tuning following outage

Unplanned losses for SGBD elevated & aligned to condenser due to high mineral content following outage, as well as an emergent WB cleaning

Exempt losses are for power ascension & SGBD aligned to condenser (normal startup operating procedure)



# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1116		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,021.80	262,334.57
4. Number of Hours Generator On-line	744.00	7,964.40	256,449.49
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,942.00	9,275,702.00	276,514,633.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Largest monthly losses are for SGBD aligned to condenser and load reduction due to low GEN H2 pressure caused by mispositioned valve. Additional losses from multiple CW work windows, a scheduled AFP run, and secondary tuning.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

1. Design Electrical Rating:	1181		
2. Maximum Dependable Capacity (MWe-Net)	1134		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,228.03	238,515.91
4. Number of Hours Generator On-line	744.00	6,152.65	233,312.38
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	855,942.00	7,058,571.00	251,935,110.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Planned monthly losses mainly due to 2 separate downpowers to 83% required for stopped CWPs due to SW header upgrade associated with U1 Refueling outage 1R25.

88 MWHs of exempt losses are from a Waterbox cleaning.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 8563392545

1. Design Electrical Rating:	1181		
2. Maximum Dependable Capacity (MWe-Net)	1134		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,949.03	239,236.91
4. Number of Hours Generator On-line	721.00	6,873.65	234,033.38
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	843,303.00	7,901,874.00	252,778,413.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Planned losses for Gland sealing steam supply to U1 during startup from refueling outage, tube brush cleanings, and scheduled maintenance on Bleed Steam Coil Drain Tank Pp.

No unplanned losses

No exempt losses

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Alexander Barch  
 PREPARER TELEPHONE: 856-339-2545

1. Design Electrical Rating:	1181		
2. Maximum Dependable Capacity (MWe-Net)	1134		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,693.03	239,980.91
4. Number of Hours Generator On-line	744.00	7,617.65	234,777.38
5. Reserve Shutdown Hours	0.00	0.00	6.00
6. Net Electrical energy Generated (MWHrs)	872,805.00	8,774,679.00	253,651,218.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Losses due to multiple CW work windows, secondary tuning due to thermal oscillations, and 23 AFP run

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 603-773-7077

1. Design Electrical Rating:	1248		
2. Maximum Dependable Capacity (MWe-Net)	1246		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,591.63	214,917.36
4. Number of Hours Generator On-line	744.00	6,567.95	211,243.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	929,449.15	8,158,183.24	247,369,400.98

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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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 100.2616% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: kevin randall  
 PREPARER TELEPHONE: 6037737992

1. Design Electrical Rating:	1248		
2. Maximum Dependable Capacity (MWe-Net)	1246		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,312.63	215,638.36
4. Number of Hours Generator On-line	721.00	7,288.95	211,964.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	901,943.81	9,060,127.05	248,271,344.79

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at 100% power 721 out of 721 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.3983% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Kathleen C. Mahoney  
 PREPARER TELEPHONE: 6037737077

1. Design Electrical Rating:	1248		
2. Maximum Dependable Capacity (MWe-Net)	1246		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,056.63	216,382.36
4. Number of Hours Generator On-line	744.00	8,032.95	212,708.85
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	930,147.59	9,990,274.64	249,201,492.38

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated at 100% power 740 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.3369% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Wright, Jared  
 PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	553.50	7,104.50	243,171.67
4. Number of Hours Generator On-line	547.58	6,954.16	240,412.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	599,105.80	7,683,061.40	267,257,096.90

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1	10/2/2017		S	196.42	B	1	MO 115 to repair main generator hydrogen leak, pressurizer safety valves, Electro-Hydraulic Control leak, Main turbine linear variable transformer bolting.

SUMMARY U1 NRC Capacity Factor is 69.9% for the month of October 2017



# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Wright, Jared  
 PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,825.50	243,892.67
4. Number of Hours Generator On-line	721.00	7,675.16	241,133.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	833,300.00	8,516,361.40	268,090,396.90

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U1 NRC Capacity Factor is 100.3% for the month of November 2017

# OPERATING DATA REPORT

DOCKET: 327  
UNIT\_NME: Sequoyah Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: Wright, Jared  
PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1184.37		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,569.50	244,636.67
4. Number of Hours Generator On-line	744.00	8,419.16	241,877.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	862,497.00	9,378,858.40	268,952,893.90

## UNIT SHUTDOWNS

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

SUMMARY U1 NRC Capacity Factor is 100.6% for the month of December 2017

# OPERATING DATA REPORT

DOCKET: 328  
UNIT\_NME: Sequoyah Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Wright, Jared  
PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,442.72	248,758.00
4. Number of Hours Generator On-line	744.00	6,359.17	245,514.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,281.20	7,157,130.40	268,692,496.50

## UNIT SHUTDOWNS

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

SUMMARY U2 NRC Capacity Factor is 99.9% for the month of October 2017

# OPERATING DATA REPORT

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Wright, Jared  
 PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,163.72	249,479.00
4. Number of Hours Generator On-line	721.00	7,080.17	246,235.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	831,060.00	7,988,190.40	269,523,556.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U2 NRC Capacity Factor is 101.2% for the month of November 2017

# OPERATING DATA REPORT

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Wright, Jared  
 PREPARER TELEPHONE: 423-843-8418

1. Design Electrical Rating:	1177.46		
2. Maximum Dependable Capacity (MWe-Net)	1139.5		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,907.72	250,223.00
4. Number of Hours Generator On-line	744.00	7,824.17	246,979.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	859,833.00	8,848,023.40	270,383,389.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U2 NRC Capacity Factor is 101.4% for the month of December 2017

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,343.79	218,093.07
4. Number of Hours Generator On-line	744.00	6,250.83	213,241.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	979,332.00	8,159,549.00	270,104,726.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Main turbine inlet valve tests.

# OPERATING DATA REPORT

DOCKET: 498  
UNIT\_NME: South Texas Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: R.L. Hill  
PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,064.79	218,814.07
4. Number of Hours Generator On-line	721.00	6,971.83	213,962.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	957,794.00	9,117,343.00	271,062,520.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,808.79	219,558.07
4. Number of Hours Generator On-line	744.00	7,715.83	214,706.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	992,580.00	10,109,923.00	272,055,100.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Main turbine inlet valve test



# OPERATING DATA REPORT

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	209,320.94
4. Number of Hours Generator On-line	744.00	7,295.00	206,682.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	974,435.00	9,553,348.00	261,596,605.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Main turbine inlet valve test.

# OPERATING DATA REPORT

DOCKET: 499  
UNIT\_NME: South Texas Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: R.L. Hill  
PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	210,041.94
4. Number of Hours Generator On-line	721.00	8,016.00	207,403.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	955,533.00	10,508,881.00	262,552,138.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: R.L. Hill  
 PREPARER TELEPHONE: 3619727667

1. Design Electrical Rating:	1250.6		
2. Maximum Dependable Capacity (MWe-Net)	1250.6		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	210,785.94
4. Number of Hours Generator On-line	744.00	8,760.00	208,147.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	993,340.00	11,502,221.00	263,545,478.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Main turbine inlet valve test

# OPERATING DATA REPORT

DOCKET: 335  
UNIT\_NME: St. Lucie Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062		
2. Maximum Dependable Capacity (MWe-Net)	981		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,098.94	300,240.76
4. Number of Hours Generator On-line	744.00	7,088.78	297,552.23
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	736,707.00	7,045,773.00	251,300,333.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 1 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 335  
UNIT\_NME: St. Lucie Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062		
2. Maximum Dependable Capacity (MWe-Net)	981		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,819.94	300,961.76
4. Number of Hours Generator On-line	721.00	7,809.78	298,273.23
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	720,382.00	7,766,155.00	252,020,715.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 1 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 335  
UNIT\_NME: St. Lucie Unit 1  
RPT\_PERIOD: 201712

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating:	1062		
2. Maximum Dependable Capacity (MWe-Net)	981		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,563.94	301,705.76
4. Number of Hours Generator On-line	744.00	8,553.78	299,017.23
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	745,984.00	8,512,139.00	252,766,699.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 1 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: K R Boller  
 PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating: 1074  
 2. Maximum Dependable Capacity (MWe-Net) 987

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	680.65	6,468.52	259,545.59
4. Number of Hours Generator On-line	673.05	6,438.89	256,922.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	663,146.00	6,430,051.00	219,390,650.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
48	10/26/2017	F		70.95	A	3	Uncomplicated Auto Scram due to turbine control system failure.

SUMMARY PSL 2 operated in mode 1 until 02:12 on 10/26/2017. PSL 1 returned to mode 1 at 21:30 on 10/28/17 and remained in mode 1 operation through the end of the month.

# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating: 1074  
2. Maximum Dependable Capacity (MWe-Net) 987

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,189.52	260,266.59
4. Number of Hours Generator On-line	721.00	7,159.89	257,643.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	729,341.00	7,159,392.00	220,119,991.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 2 operated in mode 1 the entire report period.



# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201712

PREPARER NAME: K R Boller  
PREPARER TELEPHONE: 772 467-7465

1. Design Electrical Rating: 1074  
2. Maximum Dependable Capacity (MWe-Net) 987

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,933.52	261,010.59
4. Number of Hours Generator On-line	744.00	7,903.89	258,387.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	756,389.00	7,915,781.00	220,876,380.00

## UNIT SHUTDOWNS

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

SUMMARY PSL 2 operated in mode 1 the entire report period.

# OPERATING DATA REPORT

DOCKET: 395  
UNIT\_NME: Summer Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Wesley R. Higgins  
PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.7		
2. Maximum Dependable Capacity (MWe-Net)	966		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,714.05	255,823.95
4. Number of Hours Generator On-line	744.00	5,673.20	253,155.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,406.00	5,527,744.00	232,547,137.00

## UNIT SHUTDOWNS

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

SUMMARY There were no power reductions for the month of October 2017.

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Wesley R. Higgins  
 PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.7		
2. Maximum Dependable Capacity (MWe-Net)	966		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	667.87	6,381.92	256,491.82
4. Number of Hours Generator On-line	661.60	6,334.80	253,816.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	647,265.00	6,175,009.00	233,194,402.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
17-04	11/7/2017	F		59.40	A	3	11/7/2017 Automatic reactor scram from loss of feedwater flow. The loss of feedwater flow was caused by the loss of the digital Main Feedwater Pump control power supply XIT05905.

SUMMARY 11/7/2017 Automatic reactor scram from loss of feedwater flow. The loss of feedwater flow was caused by the loss of the digital Main Feedwater Pump control power supply XIT05905.

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Wesley R. Higgins  
 PREPARER TELEPHONE: 8033454042

1. Design Electrical Rating:	972.7		
2. Maximum Dependable Capacity (MWe-Net)	966		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,125.92	257,235.82
4. Number of Hours Generator On-line	744.00	7,078.80	254,560.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	738,285.00	6,913,294.00	233,932,687.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The plant operated at full power for the month of December 2017.

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,261.37	313,904.85
4. Number of Hours Generator On-line	744.00	7,255.12	310,682.96
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	642,616.82	6,230,923.81	241,316,094.68

## UNIT SHUTDOWNS

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

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,982.37	314,625.85
4. Number of Hours Generator On-line	721.00	7,976.12	311,403.96
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	630,488.95	6,861,412.77	241,946,583.64

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 WaterboxesStart MWe Finish MWeLossStart Time Finish Time  
 11/11/2017MOV Stroke Test9189071111/11/17 10:20 PM11/12/17 1:45 AM

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,726.37	315,369.85
4. Number of Hours Generator On-line	744.00	8,720.12	312,147.96
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	652,316.62	7,513,729.39	242,598,900.26

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 1 Waterboxes Start MWe Finish MWeLossStart Time Finish Time  
 12/11/2017Removing 1-CW-E-1B from service921912912/11/17 3:00 AM12/14/17 12:45 AM

# OPERATING DATA REPORT

DOCKET: 281  
UNIT\_NME: Surry Unit 2  
RPT\_PERIOD: 201710

PREPARER NAME: Marlene Haskett  
PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,619.24	311,234.82
4. Number of Hours Generator On-line	744.00	6,592.08	308,391.38
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	640,086.41	5,636,538.58	239,893,065.91

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,340.24	311,955.82
4. Number of Hours Generator On-line	721.00	7,313.08	309,112.38
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	627,373.74	6,263,912.32	240,520,439.65

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 Waterboxes Start MWe Finish MWeLossStart Time Finish Time  
 11/20/20172-PT-25.1 Quarterly Testing 9138852811/20/17 9:24 PM11/21/17 1:00 AM  
 11/27/20172-OSP-TM-001 - Freedom Valve Test9119011011/27/17 9:27 AM11/27/17 9:55 AM  
 11/27/20172-OSP-TM-001 - Freedom Valve Test9018693211/27/17 9:55 AM11/27/17 11:15 AM  
 11/27/20172-OSP-TM-001 - Freedom Valve Test8699033411/27/17 11:15 AM11/27/17 12:21 PM

# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating:	874		
2. Maximum Dependable Capacity (MWe-Net)	838		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	8,084.24	312,699.82
4. Number of Hours Generator On-line	744.00	8,057.08	309,856.38
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	650,005.92	6,913,918.23	241,170,445.57

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Unit 2 Waterboxes Start MWe Finish MWeLossStart Time Finish Time  
 12/15/2017Removing 2-CW-E-1D from service913905812/15/17 3:00 AM12/15/17 3:57 PM

# OPERATING DATA REPORT

DOCKET: 387  
UNIT\_NME: Susquehanna Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: J.Hennings  
PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,260.65	258,781.50
4. Number of Hours Generator On-line	744.00	7,246.10	255,313.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	942,559.00	9,140,289.00	281,171,149.70

## UNIT SHUTDOWNS

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

SUMMARY There was one power reduction this month that was greater than 20%. On 10/27/17 Reactor power was reduced to approximately 64% power to perform a planned Control Rod pattern adjustment, and on 10/29/17 power was returned to 100% power.

# OPERATING DATA REPORT

DOCKET: 387  
UNIT\_NME: Susquehanna Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: J. Hennings  
PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating: 1287  
2. Maximum Dependable Capacity (MWe-Net) 1257

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,981.65	259,502.50
4. Number of Hours Generator On-line	721.00	7,967.10	256,034.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	928,662.00	10,068,951.00	282,099,811.70

## UNIT SHUTDOWNS

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

SUMMARY On 11/26/17 Operations began lowering power for a Rod Pattern Adjustment and 76.8 % power was the lowest power realized. On 11/27/17 the reactor was returned to full power. There were no other power reductions greater than 20% this month.

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,725.65	260,246.50
4. Number of Hours Generator On-line	744.00	8,711.10	256,778.79
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	957,139.00	11,026,090.00	283,056,950.70

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were 3 power reductions greater or near 20% this month:

On 12/17/17 lowered power from 99.6% to perform a planned Rod Pattern Adjustment. The lowest power for this evolution was 77.2%. Returned to full power on 12/18/17.

On 12/24/17 reduced power from 99.7% to support a planned Control Rod Pattern adjustment. The lowest power was 80.1%. Following this 19.6% reduction, full power was achieved on 12/24/17.

On 12/26/17 from 99.7% power, reduced to the lowest point of 65.1% power. The 34.6% reduction was performed to allow for the repair of a hydraulic fluid leak on a Reactor Feed Pump hydraulic pressure control unit (HPU). Late on 12/26/17, full power was achieved. The NRC Power Change Occurrence Type classification is "Unplanned, Not excluded per NEI 99-02".

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,464.45	254,697.23
4. Number of Hours Generator On-line	744.00	6,410.70	251,545.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	934,582.00	7,923,267.00	279,420,243.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY On 10/27/17, Main Condenser vacuum was rapidly degrading due to an offgas isolation. This required that Reactor power be reduced to a power as low as 59.2% .  
 On 10/27/17, Reactor power was returned to full power. There were no other power reductions greater than 20% this month.

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,185.45	255,418.23
4. Number of Hours Generator On-line	721.00	7,131.70	252,266.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	919,963.00	8,843,230.00	280,340,206.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY There were no power reductions greater than 20% this month.

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: J.Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating:	1287		
2. Maximum Dependable Capacity (MWe-Net)	1257		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	744.00	7,929.45	256,162.23
4. Number of Hours Generator On-line	744.00	7,875.70	253,010.25
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	941,242.00	9,784,472.00	281,281,448.30

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY Reactor power was reduced by more than 20% on two occasions this month:

On 12/07/17 23:00 began reducing power from 100% to the lowest power of 84.6% in preparation for removal of debris from the Unit 2 Condenser Waterboxes.

During the same overall planned activity, an additional scheduled power reduction was performed. On 12/08/17 power was reduced from 85% to 64.7% to allow for repair of Moisture Separator drain tank level transmitter housing leak (the overall power reduction was 35.3%). Full power was achieved at 12/09/17 15:48

On 12/15/17 reduced power from 99.8% for a scheduled Control Rod sequence exchange, to 69.3%. The reactor was returned to full power on 12/16/17.



# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: 717-948-8787

1. Design Electrical Rating:	819		
2. Maximum Dependable Capacity (MWe-Net)	802		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	562.45	6,806.72	289,353.42
4. Number of Hours Generator On-line	531.95	6,774.07	287,444.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	404,367.00	5,616,506.00	238,318,503.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
T1F11	10/10/2017	F		25.32	A	1	Unplanned unit shutdown to perform corrective maintenance for dropped main control rod, Group 5, rod 7. See IR-4061160 for additional details.
T1R22	9/18/2017		S	186.73	C	4	Planned shutdown for refueling outage, no corrective actions. Retirement of TMI-1 has been announced for October 2019. Next RFO planned duration of 500 hours is estimated based on decommissioning.

**SUMMARY** Began the month shutdown for T1R22. Reactor critical on 10/7/17 at 17:43. Output breaker closed (first time) 10/08/17 10:13. Main turbine tripped from 46.7 MWe on high moisture separator level on 10/8/17 10:36. T1R22 ended with main generator output breaker was closed (second time) on 10/8/17 at 18:44. Dropped control rod Group 5, rod 7 on 10/10/17 00:11 (17.3% power change). Reactor manual shutdown 10/11/17 00:01. Reactor critical 10/11/17 19:51. Generator output breaker closed 10/12/17 00:11. Achieved nominal full power on 10/13/17 at 03:00.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: 717-948-8787

1. Design Electrical Rating:	819		
2. Maximum Dependable Capacity (MWe-Net)	802		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,527.72	290,074.42
4. Number of Hours Generator On-line	721.00	7,495.07	288,165.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	612,290.00	6,228,796.00	238,930,793.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at nominal full power for the entire month with the exception of the period from 11:57 on 11/11/17 to 15:15 on 11/13/17, when an unplanned power reduction to 93.52% occurred. The cause was a failed fuse which supplied power to the integrated control system. See issue report 4073659 for additional details.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating:	819		
2. Maximum Dependable Capacity (MWe-Net)	802		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,271.72	290,818.42
4. Number of Hours Generator On-line	744.00	8,239.07	288,909.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	632,708.00	6,861,504.00	239,563,501.40

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at nominal full power except for the period between 12/8/17 22:58 and 12/9/17 05:40, when an unplanned power reduction to approximately 81% was performed to support corrective maintenance on TG-CV-2. See IR-4081132 for additional details.

# OPERATING DATA REPORT

DOCKET: 250  
UNIT\_NME: Turkey Point Unit 3  
RPT\_PERIOD: 201710

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating: 831  
2. Maximum Dependable Capacity (MWe-Net) 811

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,297.03	308,603.89
4. Number of Hours Generator On-line	744.00	6,261.39	304,956.84
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	617,419.69	5,109,554.29	207,114,345.16

## UNIT SHUTDOWNS

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

SUMMARY PTN Unit 3 was at approximately 100% for the month.

# OPERATING DATA REPORT

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201711

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating: 831  
 2. Maximum Dependable Capacity (MWe-Net) 811

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	541.63	6,838.66	309,145.52
4. Number of Hours Generator On-line	526.45	6,787.84	305,483.29
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	430,953.05	5,540,507.34	207,545,298.21

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
20170 019	11/20/2017	F	S	194.55	A	1		Normal Reactor shutdown to repair 3C RCP seal

SUMMARY PTN Unit 3 Commenced a fast load reduction on 11/20/17 and performed a normal reactor shutdown due to 3C Reactor Coolant Pump seal failure. Unit 3 was returned online on 11/28/17.

# OPERATING DATA REPORT

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating: 831  
 2. Maximum Dependable Capacity (MWe-Net) 811

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,582.66	309,889.52
4. Number of Hours Generator On-line	744.00	7,531.84	306,227.29
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	623,307.98	6,163,815.32	208,168,606.19

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY PTN Unit 3 was at approximately 100% reactor power for the month.

# OPERATING DATA REPORT

DOCKET: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201710

PREPARER NAME: colleen Phillips  
 PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating: 840  
 2. Maximum Dependable Capacity (MWe-Net) 821

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	101.05	6,518.43	306,870.36
4. Number of Hours Generator On-line	80.93	6,490.68	301,465.53
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	52,201.96	5,372,936.77	207,053,265.38

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			Down 1	Down 2	
20170 013	10/4/2017		S	663.07	C	1		Cycle 30 Refueling Outage

SUMMARY PTN Unit 4 commenced a planned down power on 10/1/17 and performed a normal reactor shut down on 10/4/17 to support Cycle 30 Refueling Outage. Unit 4 was returned on-line on 10/31/17.

# OPERATING DATA REPORT

DOCKET: 251  
UNIT\_NME: Turkey Point Unit 4  
RPT\_PERIOD: 201711

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating: 840  
2. Maximum Dependable Capacity (MWe-Net) 821

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,239.43	307,591.36
4. Number of Hours Generator On-line	721.00	7,211.68	302,186.53
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	552,099.81	5,925,036.58	207,605,365.19

## UNIT SHUTDOWNS

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

SUMMARY PTN Unit 4 completed Cycle 30 Refueling outage on 1/31/2017 and completed the power ascension to 100% reactor power on 11/4/17. On 11/7/17, Unit 4 commenced an unplanned down power to repair a steam leak on the A Steam Generator Feed Pump Recirculation line valve 4-20-147. Unit 4 was returned to 100% reactor power on 11/10/17.



# OPERATING DATA REPORT

DOCKET: 251  
UNIT\_NME: Turkey Point Unit 4  
RPT\_PERIOD: 201712

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 3052467106

1. Design Electrical Rating: 840  
2. Maximum Dependable Capacity (MWe-Net) 821

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,983.43	308,335.36
4. Number of Hours Generator On-line	744.00	7,955.68	302,930.53
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	629,444.08	6,554,480.66	208,234,809.27

## UNIT SHUTDOWNS

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

SUMMARY PTN Unit 4 was at 100% reactor power for the month.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Jason House  
PREPARER TELEPHONE: 706-848-4352

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,685.75	244,378.48
4. Number of Hours Generator On-line	744.00	6,643.76	241,934.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,061.00	7,667,171.00	275,575,523.50

## UNIT SHUTDOWNS

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

SUMMARY The unit experienced a power reduction due to conducting Quarterly Main Turbine valve stroke testing on Oct 12th.

# OPERATING DATA REPORT

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201711

PREPARER NAME: Jason House  
 PREPARER TELEPHONE: 706-848-4352

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,406.75	245,099.48
4. Number of Hours Generator On-line	721.00	7,364.76	242,655.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,579.00	8,522,750.00	276,431,102.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY No generation losses for the month.

# OPERATING DATA REPORT

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Jason House  
 PREPARER TELEPHONE: 706-848-4352

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1150		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,150.75	245,843.48
4. Number of Hours Generator On-line	744.00	8,108.76	243,399.72
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	885,903.00	9,408,653.00	277,317,005.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY No generation losses for the month.

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Jason House  
 PREPARER TELEPHONE: 706-848-4352

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1152		
		<b>This Month</b>	<b>Yr-to-Date</b>
		<b>Cumulative</b>	
3. Number of Hours the Reactor was Critical	691.22	6,911.17	229,330.03
4. Number of Hours Generator On-line	661.70	6,881.65	227,723.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	761,048.00	8,028,238.00	260,323,865.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2017-01	9/17/2017		S	82.30	C	4	Shutdown for refueling outage 2R19. End of cycle 19.

**SUMMARY** Oct 4th, 2017 at 1018 the Unit 2 Main Generator attached to the grid.  
 The unit experienced a power reduction due to conducting Quarterly Main Turbine valve stroke testing on Oct 12th.

# OPERATING DATA REPORT

DOCKET: 425  
UNIT\_NME: Vogtle Unit 2  
RPT\_PERIOD: 201711

PREPARER NAME: Jason House  
PREPARER TELEPHONE: 706-848-4352

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,632.17	230,051.03
4. Number of Hours Generator On-line	721.00	7,602.65	228,444.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,900.00	8,881,138.00	261,176,765.50

## UNIT SHUTDOWNS

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

SUMMARY Power reduction to allow for MFPT 2B Repair. Power reduction commenced at 0201 on 11/07/17 and was ended at 1515 on 11/10/17.

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Jason House  
 PREPARER TELEPHONE: 706-848-4352

1. Design Electrical Rating:	1169		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,376.17	230,795.03
4. Number of Hours Generator On-line	744.00	8,346.65	229,188.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	886,246.00	9,767,384.00	262,063,011.50

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit experienced a power reduction due to conducting Quarterly Main Turbine valve stroke testing on Dec 18th.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201710

PREPARER NAME: Jai Jung  
 PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating:	1173		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	5,871.57	247,558.82
4. Number of Hours Generator On-line	744.00	5,783.63	245,694.89
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	871,270.00	6,668,069.00	271,671,247.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period. There were planned losses (3494 MWH) due to Waterbox seasonal cleaning. There were un-planned losses (670 MWH) due to Waterbox A1 anode leak.



# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201711

PREPARER NAME: Jai Jung  
 PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating:	1173		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,592.57	248,279.82
4. Number of Hours Generator On-line	721.00	6,504.63	246,415.89
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	852,299.00	7,520,368.00	272,523,546.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period. There were planned losses (1417 MWH) due to Waterbox seasonal cleaning.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201712

PREPARER NAME: Jai Jung  
 PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating:	1173		
2. Maximum Dependable Capacity (MWe-Net)	1152		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,336.57	249,023.82
4. Number of Hours Generator On-line	744.00	7,248.63	247,159.89
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	881,354.00	8,401,722.00	273,404,900.00

## UNIT SHUTDOWNS

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

**SUMMARY** The unit operated at an average reactor power level of 99.9% and experienced no shutdowns or significant power reductions during the period.

# OPERATING DATA REPORT

DOCKET: 390  
UNIT\_NME: Watts Bar Unit 1  
RPT\_PERIOD: 201710

PREPARER NAME: Joshua Stephens  
PREPARER TELEPHONE: 423-452-4331

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1037		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,138.88	170,349.65
4. Number of Hours Generator On-line	744.00	6,063.73	169,435.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	870,129.20	6,887,662.20	189,786,890.28

## UNIT SHUTDOWNS

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

SUMMARY U1 NRC Capacity Factor is 118.49% for the month of October, 2017.

# OPERATING DATA REPORT

DOCKET: 390  
UNIT\_NME: Watts Bar Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: Joshua Stephens  
PREPARER TELEPHONE: 423-452-4331

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1037		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	6,859.88	171,070.65
4. Number of Hours Generator On-line	721.00	6,784.73	170,156.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,636.00	7,743,298.20	190,642,526.28

## UNIT SHUTDOWNS

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

SUMMARY U1 NRC Capacity Factor is 120.07% for the month of November, 2017.

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: Joshua Stephens  
 PREPARER TELEPHONE: 423-452-4331

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1037		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,603.88	171,814.65
4. Number of Hours Generator On-line	744.00	7,528.73	170,900.93
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	883,951.00	8,627,249.20	191,526,477.28

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY U1 NRC Capacity Factor is 120.38% for the month of December 2017.

# OPERATING DATA REPORT

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201710

PREPARER NAME: Joshua Stephens  
 PREPARER TELEPHONE: 423-452-4331

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1135		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	648.00	4,038.98	5,651.71
4. Number of Hours Generator On-line	648.00	3,907.42	5,460.75
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	756,510.80	4,520,687.50	6,327,057.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
U2R1	10/28/2017		S	96.00	C	1	WBN2 breaker opened on 10/28/2017 at 00:00 to commence RFO U2R1.

SUMMARY U2 NRC Net Capacity Factor is 88.25% for the month of October, 2017.

# OPERATING DATA REPORT

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201711

PREPARER NAME: Joshua Stephens  
 PREPARER TELEPHONE: 423-452-4331

1. Design Electrical Rating:	1160		
2. Maximum Dependable Capacity (MWe-Net)	1135		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	0.00	4,038.98	5,651.71
4. Number of Hours Generator On-line	0.00	3,907.42	5,460.75
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	4,520,687.50	6,327,057.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
U2R1	10/28/2017		S	721.00	C	4	WBN2 breaker opened on 10/28/2017 at 00:00 to commence RFO U2R1.

SUMMARY U2 NRC Capacity Factor is 0% for the month of November 2017.

# OPERATING DATA REPORT

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201712

PREPARER NAME: Joshua Stephens  
 PREPARER TELEPHONE: 423-452-4331

1. Design Electrical Rating: 1160  
 2. Maximum Dependable Capacity (MWe-Net) 1135

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	549.52	4,588.50	6,201.23
4. Number of Hours Generator On-line	512.87	4,420.29	5,973.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	505,959.00	5,026,646.50	6,833,016.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
FO1	12/11/2017	F		89.22	A	2	Dropped rods.
U2R1	10/28/2017		S	141.92	C	4	WBN2 breaker opened on 10/28/2017 at 00:00 to commence RFO U2R1.

SUMMARY U2 NRC Capacity Factor is 59.02% for the month of December 2017.



# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201710

PREPARER NAME: W T Muilenburg  
 PREPARER TELEPHONE: 620 364-8831

1. Design Electrical Rating:	1200		
2. Maximum Dependable Capacity (MWe-Net)	1164		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,295.00	242,287.65
4. Number of Hours Generator On-line	744.00	7,295.00	240,470.10
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	906,549.00	8,851,909.00	277,633,090.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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**SUMMARY** The unit operated in mode 1, at or near 100% power from October 1, 2017 through October 26, 2017. Main Control Valve quarterly testing commenced on October 26 and concluded on October 27, 2017. The unit returned to at or near 100% power for the remainder of October 2017.

# OPERATING DATA REPORT

DOCKET: 482  
UNIT\_NME: Wolf Creek Unit 1  
RPT\_PERIOD: 201711

PREPARER NAME: W T Muilenburg  
PREPARER TELEPHONE: 620 364-8831

1. Design Electrical Rating:	1200		
2. Maximum Dependable Capacity (MWe-Net)	1164		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,016.00	243,008.65
4. Number of Hours Generator On-line	721.00	8,016.00	241,191.10
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	884,220.00	9,736,129.00	278,517,310.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated in mode 1, at or near 100% power from November 1, 2017 through November 30, 2017.

# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201712

PREPARER NAME: W T Muilenburg  
 PREPARER TELEPHONE: 620 364-8831

1. Design Electrical Rating:	1200		
2. Maximum Dependable Capacity (MWe-Net)	1164		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,760.00	243,752.65
4. Number of Hours Generator On-line	744.00	8,760.00	241,935.10
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	912,041.00	10,648,170.00	279,429,351.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
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SUMMARY The unit operated in mode 1, at or near 100% power from December 1, 2017 through December 31, 2017.