

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201610

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	0.00	6,407.12	301,865.50
4. Number of Hours Generator On-line	0.00	6,407.12	298,633.03
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	0.00	5,375,649.00	236,965,346.24

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1R26	9/24/2016		S	744.00	C	4	

SUMMARY The Unit was offline the entire month of October 2016 for the 1R26 refueling outage.

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201611

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	0.00	6,407.12	301,865.50
4. Number of Hours Generator On-line	0.00	6,407.12	298,633.03
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	0.00	5,375,649.00	236,965,346.24

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1R26	9/24/2016		S	720.00	C	4	

SUMMARY The Unit was offline the entire month of November 2016 for the 1R26 refueling outage.

# OPERATING DATA REPORT

DOCKET: 313  
 UNIT\_NME: ANO Unit 1  
 RPT\_PERIOD: 201612

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	464.07	6,871.19	302,329.57
4. Number of Hours Generator On-line	413.75	6,820.87	299,046.78
5. Reserve Shutdown Hours	0.00	0.00	817.50
6. Net Electrical energy Generated (MWHrs)	305,488.00	5,681,137.00	237,270,834.24

## 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	
1R26	9/24/2016		S	330.25	C		4	

**SUMMARY** The Unit began the month of December offline for 1R26. On December 12, 2016 the plant was started-up. On December 18, 2016 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: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201610

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	115.13	6,427.25	272,694.84
4. Number of Hours Generator On-line	104.08	6,388.73	269,842.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	89,446.00	6,309,466.00	245,788,114.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2F16-03	9/28/2016	S		639.92	D	4	Technical Specification required shutdown to repair red train Emergency Diesel Generator.

**SUMMARY** The Unit began the month of October offline. On October 27, 2016 the plant was started-up. On October 29, 2016 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: 368  
 UNIT\_NME: ANO Unit 2  
 RPT\_PERIOD: 201611

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	7,148.25	273,415.84
4. Number of Hours Generator On-line	721.00	7,109.73	270,563.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	712,164.00	7,021,630.00	246,500,278.00

## UNIT SHUTDOWNS

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

**SUMMARY** The Unit began the month of November operating at or near full power. On November 18th, there was a power reduction to ~42% per the Dispatchers request due to an issue on the Mabelvale 500 kV line. On November 20th, power was restored to at or near full power. The Unit operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 368  
UNIT\_NME: ANO Unit 2  
RPT\_PERIOD: 201612

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	7,892.25	274,159.84
4. Number of Hours Generator On-line	744.00	7,853.73	271,307.29
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	751,666.00	7,773,296.00	247,251,944.00

## 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 2016.

# OPERATING DATA REPORT

DOCKET: 334  
 UNIT\_NME: Beaver Valley Unit 1  
 RPT\_PERIOD: 201610

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	188.70	6,596.00	272,233.10
4. Number of Hours Generator On-line	159.13	6,566.15	269,308.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	118,182.00	5,969,518.90	216,584,915.80

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1	9/24/2016		S	584.87	C	4	Shutdown for 24th refueling outage on 9/24/16. The Unit was synchronized to the grid on 10/25/16 at 0852 hours.

SUMMARY BVPS-1 was shutdown for its 24th refueling outage on 9/24/16, and was synchronized to the electrical grid at 0852 hours on 10/25/16. The Unit achieved a nominal value of 100% power at 1130 hours on 10/27/16.

# OPERATING DATA REPORT

DOCKET: 334  
UNIT\_NME: Beaver Valley Unit 1  
RPT\_PERIOD: 201611

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	721.00	7,317.00	272,954.10
4. Number of Hours Generator On-line	721.00	7,287.15	270,029.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	679,057.00	6,648,575.90	217,263,972.80

## 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	

SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month of November 2016.



# OPERATING DATA REPORT

DOCKET: 334  
UNIT\_NME: Beaver Valley Unit 1  
RPT\_PERIOD: 201612

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	8,061.00	273,698.10
4. Number of Hours Generator On-line	744.00	8,031.15	270,773.16
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	702,562.00	7,351,137.90	217,966,534.80

## 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	

SUMMARY BVPS-1 operated at a nominal value of 100% power for the entire month of December 2016.

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201610

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	744.00	7,123.18	222,593.40
4. Number of Hours Generator On-line	744.00	7,114.33	221,589.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	687,685.00	6,503,576.00	183,995,249.50

## 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 of October 2016.

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201611

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	7,844.18	223,314.40
4. Number of Hours Generator On-line	721.00	7,835.33	222,310.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	670,720.00	7,174,296.00	184,665,969.50

## 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 of November 2016.

# OPERATING DATA REPORT

DOCKET: 412  
UNIT\_NME: Beaver Valley Unit 2  
RPT\_PERIOD: 201612

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	744.00	8,588.18	224,058.40
4. Number of Hours Generator On-line	744.00	8,579.33	223,054.39
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	694,141.00	7,868,437.00	185,360,110.50

## 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 of December 2016.

# OPERATING DATA REPORT

DOCKET: 456  
 UNIT\_NME: Braidwood Unit 1  
 RPT\_PERIOD: 201610

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

1. Design Electrical Rating: 1268  
 2. Maximum Dependable Capacity (MWe-Net) 1166

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	157.55	6,612.55	221,909.86
4. Number of Hours Generator On-line	137.65	6,592.65	220,776.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	134,762.00	7,833,736.00	249,517,277.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			1	2	
A1R19	9/26/2016		S	606.35	C	4		Unit 1 shutdown for planned refueling outage.

**SUMMARY** The Unit started the month in a planned refuel outage A1R19, an unplanned outage extension occurred from 10/22/2016 00:00 hrs to 10/26/2016 06:21 when the unit exited the outage. The unit has returned to full power operation.

# OPERATING DATA REPORT

DOCKET: 456  
UNIT\_NME: Braidwood Unit 1  
RPT\_PERIOD: 201611

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	721.00	7,333.55	222,630.86
4. Number of Hours Generator On-line	721.00	7,313.65	221,497.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	879,398.00	8,713,134.00	250,396,675.00

## 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 for the entire month, except for an economic load dispatch reduction of 1000 Mwh (not planned not unplanned).

# OPERATING DATA REPORT

DOCKET: 456  
UNIT\_NME: Braidwood Unit 1  
RPT\_PERIOD: 201612

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	8,077.55	223,374.86
4. Number of Hours Generator On-line	744.00	8,057.65	222,241.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	909,610.00	9,622,744.00	251,306,285.00

## 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 except for a planned exempt MS drain surveillance.

# OPERATING DATA REPORT

DOCKET: 457  
UNIT\_NME: Braidwood Unit 2  
RPT\_PERIOD: 201610

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	7,319.00	226,400.94
4. Number of Hours Generator On-line	744.00	7,319.00	225,508.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	877,225.00	8,497,385.00	251,913,613.00

## 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 for the entire month.



# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201611

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	721.00	8,040.00	227,121.94
4. Number of Hours Generator On-line	721.00	8,040.00	226,229.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,825.00	9,347,210.00	252,763,438.00

## UNIT SHUTDOWNS

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

SUMMARY The Unit operated at full power except for two surveillances; Turbine Governor valve (611 Mwh) and Main Steam Drain Valves (10 Mwh).

# OPERATING DATA REPORT

DOCKET: 457  
 UNIT\_NME: Braidwood Unit 2  
 RPT\_PERIOD: 201612

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	8,784.00	227,865.94
4. Number of Hours Generator On-line	744.00	8,784.00	226,973.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	879,317.00	10,226,527.00	253,642,755.00

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power except for an unplanned fail open of a turbine throttle valve.

# OPERATING DATA REPORT

DOCKET: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201610

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	11.35	6,451.80	135,860.80	
4. Number of Hours Generator On-line	0.02	6,406.22	133,830.95	
5. Reserve Shutdown Hours	0.00	0.00	0.00	
6. Net Electrical energy Generated (MWHrs)	8.00	6,825,302.30	135,050,022.01	

## 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	
01	10/1/2016		S	743.98	C	1		U1R11 Refueling Outage

SUMMARY

# OPERATING DATA REPORT

DOCKET: 259  
 UNIT\_NME: Browns Ferry Unit 1  
 RPT\_PERIOD: 201611

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	667.03	7,118.83	136,527.83
4. Number of Hours Generator On-line	648.67	7,054.89	134,479.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	706,119.70	7,531,422.00	135,756,141.71

## 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	
01	10/1/2016		S	72.33	C	4		U1R11 Refueling Outage

SUMMARY

# OPERATING DATA REPORT

DOCKET: 259  
UNIT\_NME: Browns Ferry Unit 1  
RPT\_PERIOD: 201612

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	7,862.83	137,271.83
4. Number of Hours Generator On-line	744.00	7,798.89	135,223.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,466.30	8,382,888.30	136,607,608.01

## 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: 260  
UNIT\_NME: Browns Ferry Unit 2  
RPT\_PERIOD: 201610

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	7,319.00	260,815.91
4. Number of Hours Generator On-line	744.00	7,319.00	257,485.03
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	805,025.50	8,008,399.80	266,404,417.21

## 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: 201611

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	8,040.00	261,536.91
4. Number of Hours Generator On-line	676.65	7,995.65	258,161.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	729,130.20	8,737,530.00	267,133,547.41

## 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	
01	11/29/2016		S	44.35	B	5		Maintenance Outage for 2A Recirc Pump Motor Lower Bearing Oil Level Alarm

SUMMARY

# OPERATING DATA REPORT

DOCKET: 260  
 UNIT\_NME: Browns Ferry Unit 2  
 RPT\_PERIOD: 201612

PREPARER NAME: Amanda Ledford  
 PREPARER TELEPHONE: 729-7914

1. Design Electrical Rating: 1120  
 2. Maximum Dependable Capacity (MWe-Net) 1104

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,784.00	262,280.91
4. Number of Hours Generator On-line	725.60	8,721.25	258,887.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	785,706.30	9,523,236.30	267,919,253.71

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
01	11/29/2016		S	18.40	B	4	Maintenance Outage for 2A Recirc Pump Motor Lower Bearing Oil Level Alarm

SUMMARY



# OPERATING DATA REPORT

DOCKET: 296  
UNIT\_NME: Browns Ferry Unit 3  
RPT\_PERIOD: 201610

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	6,463.47	216,722.26
4. Number of Hours Generator On-line	744.00	6,441.29	214,622.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	824,857.50	6,658,368.80	225,753,720.94

## 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: 201611

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	7,184.47	217,443.26
4. Number of Hours Generator On-line	721.00	7,162.29	215,343.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	808,849.20	7,467,218.00	226,562,570.14

## 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: 201612

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	7,928.47	218,187.26
4. Number of Hours Generator On-line	744.00	7,906.29	216,087.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,554.30	8,308,772.30	227,404,124.44

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 325  
UNIT\_NME: Brunswick Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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	6,557.20	272,464.84
4. Number of Hours Generator On-line	744.00	6,493.23	267,155.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	675,819.00	5,950,406.00	219,654,825.00

## 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: 201611

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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	7,278.20	273,185.84
4. Number of Hours Generator On-line	721.00	7,214.23	267,876.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,608.00	6,599,014.00	220,303,433.00

## 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: 201612

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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	8,022.20	273,929.84
4. Number of Hours Generator On-line	744.00	7,958.23	268,620.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	714,531.00	7,313,545.00	221,017,964.00

## 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: 201610

PREPARER NAME: Chris Butler  
 PREPARER TELEPHONE: 910-457-3006

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,319.00	281,993.14
4. Number of Hours Generator On-line	744.00	7,319.00	274,912.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	668,005.00	6,735,684.00	217,889,491.00

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 324  
UNIT\_NME: Brunswick Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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	8,040.00	282,714.14
4. Number of Hours Generator On-line	721.00	8,040.00	275,633.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	669,504.00	7,405,188.00	218,558,995.00

## 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: 201612

PREPARER NAME: Chris Butler  
PREPARER TELEPHONE: 910-457-3006

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	8,784.00	283,458.14
4. Number of Hours Generator On-line	744.00	8,784.00	276,377.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	669,991.00	8,075,179.00	219,228,986.00

## 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: 201610

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

1. Design Electrical Rating: 1213  
 2. Maximum Dependable Capacity (MWe-Net) 1157

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,319.00	244,514.11
4. Number of Hours Generator On-line	744.00	7,319.00	243,289.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	861,364.00	8,606,343.00	268,247,499.00

## 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 on line the entire month

# OPERATING DATA REPORT

DOCKET: 454  
UNIT\_NME: Byron Unit 1  
RPT\_PERIOD: 201611

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	8,040.00	245,235.11
4. Number of Hours Generator On-line	721.00	8,040.00	244,010.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	854,753.00	9,461,096.00	269,102,252.00

## 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 on line the entire month

# OPERATING DATA REPORT

DOCKET: 454  
 UNIT\_NME: Byron Unit 1  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating: 1213  
 2. Maximum Dependable Capacity (MWe-Net) 1157

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,784.00	245,979.11
4. Number of Hours Generator On-line	744.00	8,784.00	244,754.68
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	895,627.00	10,356,723.00	269,997,879.00

## UNIT SHUTDOWNS

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

SUMMARY unit on line the entire month

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201610

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	729.68	6,613.35	237,156.06
4. Number of Hours Generator On-line	725.77	6,598.52	236,104.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	797,132.00	7,528,787.00	258,011,075.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
B2F29	10/12/2016	F		18.23	A	2	Byron Unit 2 Reactor was manually tripped due to a loss of feedwater to the 'B' and 'C' steam generators. The loss of feedwater was caused by a water hammer prevention system (WHPS) actuation, which occurred when MCC 234V4 de-energized. MCC 234V4 feed breaker was replaced as a result of this event.

**SUMMARY** unit 2 suffered a forced outage 10/12/16 due to a loss power to the Steam Generator water hammer protection circuit that caused main FW isolation valves to close. The unit returned to power operation 10/13/16.

# OPERATING DATA REPORT

DOCKET: 455  
UNIT\_NME: Byron Unit 2  
RPT\_PERIOD: 201611

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	7,334.35	237,877.06
4. Number of Hours Generator On-line	721.00	7,319.52	236,825.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	843,069.00	8,371,856.00	258,854,144.00

## 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 on line the entire month.

# OPERATING DATA REPORT

DOCKET: 455  
 UNIT\_NME: Byron Unit 2  
 RPT\_PERIOD: 201612

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	8,078.35	238,621.06
4. Number of Hours Generator On-line	744.00	8,063.52	237,569.64
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,670.00	9,243,526.00	259,725,814.00

## UNIT SHUTDOWNS

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

SUMMARY Unit on line the entire month.

# OPERATING DATA REPORT

DOCKET: 483  
 UNIT\_NME: Callaway Unit 1  
 RPT\_PERIOD: 201610

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	744.00	6,424.13	250,449.65
4. Number of Hours Generator On-line	744.00	6,394.55	247,799.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	905,740.00	7,638,047.00	283,133,889.00

## UNIT SHUTDOWNS

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

**SUMMARY** Power escalation to 100% following the September downpower for troubleshooting and repair of train A digital feedwater controls was completed at 0317 on October 1, 2016. For the remainder of October 2016, Callaway operated at essentially 100% power.



# OPERATING DATA REPORT

DOCKET: 483  
UNIT\_NME: Callaway Unit 1  
RPT\_PERIOD: 201611

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	721.00	7,145.13	251,170.65
4. Number of Hours Generator On-line	721.00	7,115.55	248,520.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	883,658.00	8,521,705.00	284,017,547.00

## UNIT SHUTDOWNS

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

SUMMARY Callaway operated at essentially 100% power for the month of November 2016.

# OPERATING DATA REPORT

DOCKET: 483  
UNIT\_NME: Callaway Unit 1  
RPT\_PERIOD: 201612

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	744.00	7,889.13	251,914.65
4. Number of Hours Generator On-line	744.00	7,859.55	249,264.48
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	923,875.00	9,445,580.00	284,941,422.00

## UNIT SHUTDOWNS

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

SUMMARY Callaway operated at essentially 100% power for the month of December 2016.

# OPERATING DATA REPORT

DOCKET: 317  
UNIT\_NME: Calvert Cliffs Unit 1  
RPT\_PERIOD: 201610

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

1. Design Electrical Rating: 845  
2. Maximum Dependable Capacity (MWe-Net) 866

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	6,702.10	297,744.70
4. Number of Hours Generator On-line	744.00	6,667.39	294,115.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	661,883.00	5,868,962.00	246,837,472.00

## 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 100% power for the entire the month.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201611

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

1. Design Electrical Rating: 845  
 2. Maximum Dependable Capacity (MWe-Net) 866

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,423.10	298,465.70
4. Number of Hours Generator On-line	721.00	7,388.39	294,836.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	649,465.00	6,518,427.00	247,486,937.00

## 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 100% power for the entire the month.  
 On 11/11/2016, condenser waterbox cleaning was performed at 100% power. The generation losses from this activity are Exempt from the ORLF indicator.  
 On 11/18/2016, condenser tube bulleting was performed at 100% power. The generation losses from this activity are Exempt from the ORLF indicator.

# OPERATING DATA REPORT

DOCKET: 317  
 UNIT\_NME: Calvert Cliffs Unit 1  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating: 845  
 2. Maximum Dependable Capacity (MWe-Net) 866

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,167.10	299,209.70
4. Number of Hours Generator On-line	744.00	8,132.39	295,580.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	673,313.00	7,191,740.00	248,160,250.00

## 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 The unit began the month at 100% power.  
 On 12/10/2016 at 0800, power was reduced to 81.2% for Main Turbine Valve Testing.  
 On 12/10/2016 at 1900, power was restored to 100%. The generation losses from this activity are Exempt from the ORLF indicator.  
 The unit operated at 100% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 318  
UNIT\_NME: Calvert Cliffs Unit 2  
RPT\_PERIOD: 201610

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

1. Design Electrical Rating: 845  
2. Maximum Dependable Capacity (MWe-Net) 850

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,319.00	292,501.76
4. Number of Hours Generator On-line	744.00	7,319.00	290,275.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,694.00	6,321,553.00	242,727,839.00

## 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 99.5% power for the entire month.

# OPERATING DATA REPORT

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201611

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

1. Design Electrical Rating: 845  
 2. Maximum Dependable Capacity (MWe-Net) 850

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	8,040.00	293,222.76
4. Number of Hours Generator On-line	721.00	8,040.00	290,996.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,395.00	6,951,948.00	243,358,234.00

## 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** The unit began the month at 99.5% power.  
 On 11/11/2016, condenser waterbox cleaning was performed at 99.5% power. The generation losses from this activity are Exempt from the ORLF indicator.  
 On 11/19/2016 at 0800, power was reduced to 84% for Main Turbine Valve Testing. On 11/20/2016 at 0000, power was restored to 99.5%. The generation losses from this activity are Exempt from the ORLF indicator.  
 The unit operated for the remainder of the month at 99.5% power.

# OPERATING DATA REPORT

DOCKET: 318  
 UNIT\_NME: Calvert Cliffs Unit 2  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating: 845  
 2. Maximum Dependable Capacity (MWe-Net) 850

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	718.77	8,758.77	293,941.53
4. Number of Hours Generator On-line	712.77	8,752.77	291,709.47
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	622,606.00	7,574,554.00	243,980,840.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			1	2	
16-005	12/3/2016	F	S	31.23	A	3		IR 3949100 - Automatic Reactor trip due to Electro Hydraulic Control (EHC) system leak

**SUMMARY** The unit began the month at 99.5% power.  
 On 12/3/2016 at 2224, the unit automatically tripped due to an Electro-Hydraulic Control system leak on the main turbine control system.  
 On 12/5/2016 at 0538, the unit was paralleled to the grid, and on 12/5/2016 at 1730, the unit was restored to 99.5% power.  
 The unit operated for the remainder of the month at 99.5% power.



# OPERATING DATA REPORT

DOCKET: 413  
 UNIT\_NME: Catawba Unit 1  
 RPT\_PERIOD: 201610

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

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1140		
		<b>This Month</b>	<b>Yr-to-Date</b>
			<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,319.00	238,537.61
4. Number of Hours Generator On-line	744.00	7,319.00	236,235.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	867,983.00	8,509,417.00	265,873,137.00

## UNIT SHUTDOWNS

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

**SUMMARY** Catawba Unit 1 began the month of October 2016 operating at or near 100% Full Power. At 0809 on 10/15/16, 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 0844 on 10/15/16. At 1115 on 10/15/16, power escalation was commenced from 98.5% Full Power. 100% Full Power was subsequently reached at 1342 on 10/15/16. At 0039 on 10/22/16, power reduction from 100% Full Power was initiated in response to isolation of Main Feedwater Heater 1A2 due to valve 1HW12 malfunction. Power reduction was halted at 93% Full Power at 0045 on 10/22/16. At 1601 on 10/23/16, following completion of corrective maintenance, power escalation was commenced from 93% Full Power. 100% Full Power was ultimately reached at 1842 on 10/23/16, 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: 201611

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

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1140		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,040.00	239,258.61
4. Number of Hours Generator On-line	721.00	8,040.00	236,956.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	851,819.00	9,361,236.00	266,724,956.00

## UNIT SHUTDOWNS

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

SUMMARY Catawba Unit 1 began and concluded the month of November 2016 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: 201612

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

1. Design Electrical Rating:	1174		
2. Maximum Dependable Capacity (MWe-Net)	1140		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,784.00	240,002.61
4. Number of Hours Generator On-line	744.00	8,784.00	237,700.61
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	881,129.00	10,242,365.00	267,606,085.00

## UNIT SHUTDOWNS

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

**SUMMARY** Catawba Unit 1 began and concluded the month of December 2016 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: 201610

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

1. Design Electrical Rating: 1180  
 2. Maximum Dependable Capacity (MWe-Net) 1150

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	564.50	6,639.68	231,972.01
4. Number of Hours Generator On-line	550.98	6,625.20	230,095.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	612,098.00	7,598,065.00	259,500,438.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					
1	9/10/2016		S	193.02	C	4		2EOC21 Refueling Outage

**SUMMARY** Catawba Unit 2 began the month of October 2016 in Mode 6 (following core reload), with the End-of-Cycle 21 Refueling Outage in progress. Mode 5 was entered at 1621 on 10/2/16. Mode 6 was reentered at 2242 on 10/2/16 to resolve a Reactor Head Stud tensioning issue. Mode 5 was reentered at 0202 on 10/3/16. Mode 4 was entered at 1307 on 10/6/16. Mode 3 was entered at 0336 on 10/7/16. Cycle 22 Reactor Startup was commenced (Mode 2 entered) at 1005 on 10/8/16. Criticality was achieved at a rod position of 201 Steps Withdrawn (Control Bank D) at 1130 on 10/8/16. At 1904, following completion of Zero Power Physics Testing, power escalation was commenced from 0% Full Power, and suspended at 2.5% Full Power at 1945 on 10/8/16. Power escalation was resumed from 2.5% Full Power at 2107, with Mode 1 subsequently entered at 2121 on 10/8/16. Power escalation was halted at 14% Full Power at 2256 on 10/8/16 to place the Turbine/Generator on line. The Turbine/Generator was placed on line at 0101, and power escalation commenced from 14% Full Power at 0120 on 10/9/16. At 0154 on 10/9/16, power escalation was suspended at 19% Full Power, pending completion of Steam Generator Main Feedwater Nozzles swaps. Power escalation was resumed from 19% Full Power at 0235, and halted at 30% Full Power for performance of 2BOC22 Power Ascension Testing (core flux mapping) at 0341 on 10/9/16. At 0830 on 10/9/16, power escalation was commenced from 30% Full Power. Power escalation was halted at 47% Full Power at 1034 on 10/9/16 due to Secondary Chemistry being out of spec (high sodium concentration in the Steam Generators). At 2200 on 10/9/16, following restoration of Secondary Chemistry to within specification, power escalation was commenced from 47% Full Power. At 0840 on 10/10/16, power escalation was suspended at 75% Full Power for performance of 2BOC22 Power Ascension Testing (core flux mapping), and was subsequently resumed at 1206 on 10/10/16. At 1532, power escalation was suspended at 85% Full Power for performance of Main Turbine Control Valve Movement testing, and was subsequently resumed at 1604 on 10/10/16. Power escalation was halted at 97.5% Full Power at 2041 on 10/10/16, for adjustment of Reactor Coolant System Loop Full Power Delta Temperature constants. Power Escalation was commenced from 97.5% Full Power at 1156, on 10/11/16. 100% Full Power was ultimately reached at 1430 on 10/11/16., and Unit 2 operated at or near 100% Full Power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201611

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	7,360.68	232,693.01
4. Number of Hours Generator On-line	721.00	7,346.20	230,816.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	843,909.00	8,441,974.00	260,344,347.00

## 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** Catawba Unit 2 began the month of November 2016 operating at or near 100% Full Power.  
 At 1026 on 11/10/16, power reduction from 100% Full Power was commenced for performance of corrective maintenance on 2HS49 (Second Stage Reheater Drain Tank 2C Drain to Heater 2A1).  
 Power reduction was halted at 99% Full Power at 1112 on 11/10/16.  
 At 1334 on 11/10/16, following completion of the corrective maintenance, power escalation was commenced from 99% Full Power.  
 100% Full Power was reached at 1444 on 11/10/16, and Unit 2 operated at or near 100% Full Power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 414  
 UNIT\_NME: Catawba Unit 2  
 RPT\_PERIOD: 201612

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	8,104.68	233,437.01
4. Number of Hours Generator On-line	744.00	8,090.20	231,560.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,925.00	9,315,899.00	261,218,272.00

## UNIT SHUTDOWNS

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

**SUMMARY** Catawba Unit 2 began and concluded the month of December 2016 operating at or near 100% Full Power. No planned or unplanned power reductions were incurred during the month.

# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201610

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

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	7,072.85	204,781.88
4. Number of Hours Generator On-line	744.00	7,054.77	201,634.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	803,216.86	7,334,653.76	195,569,821.19

## UNIT SHUTDOWNS

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

SUMMARY There were no energy losses for the month of October 2016 for any of the listed categories.

# OPERATING DATA REPORT

DOCKET: 461  
 UNIT\_NME: Clinton Unit 1  
 RPT\_PERIOD: 201611

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	7,793.85	205,502.88
4. Number of Hours Generator On-line	721.00	7,775.77	202,355.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	778,878.04	8,113,531.80	196,348,699.23

## UNIT SHUTDOWNS

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

SUMMARY There were 1,485 MW-hrs lost in November 2016 due to Advanced Nuclear Dispatch (load following)



# OPERATING DATA REPORT

DOCKET: 461  
UNIT\_NME: Clinton Unit 1  
RPT\_PERIOD: 201612

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

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	8,537.85	206,246.88
4. Number of Hours Generator On-line	744.00	8,519.77	203,099.29
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	801,966.55	8,915,498.35	197,150,665.78

## 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 was 4107 MW-hrs of energy loss due to Turbine Valve Testing. Planned >28 days and exempt.

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201610

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

1. Design Electrical Rating:	1153		
2. Maximum Dependable Capacity (MWe-Net)	1107		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,271.75	227,785.86
4. Number of Hours Generator On-line	744.00	7,255.87	223,223.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	841,002.47	8,153,860.98	231,085,185.09

## 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 October except for a downpower to 93% due to Scram Time and Settle Time Testing (Exempt - 2.1.11.c Plant Equipment Testing), a downpower to 60% due to Reactor Feedwater Pump Adjustable Speed Drive Maintenance (Not Exempt), and a downpower to 92% for Bypass valve and Control Rod Testing (Exempt - 2.1.11.c Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201611

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

1. Design Electrical Rating:	1153		
2. Maximum Dependable Capacity (MWe-Net)	1107		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	7,992.75	228,506.86
4. Number of Hours Generator On-line	721.00	7,976.87	223,944.36
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	819,179.62	8,973,040.60	231,904,364.71

## UNIT SHUTDOWNS

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

SUMMARY Columbia operated at 100% during the month of November except for a downpower to 92% for Control Rod and Bypass Valve Testing (Exempt - 2.1.11.c Plant Equipment Testing), a downpower to 70% for Sequence Exchange (Exempt - 2.1.11.c Plant Equipment Testing).

# OPERATING DATA REPORT

DOCKET: 397  
 UNIT\_NME: Columbia Gen Sta Unit 2  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating:	1153		
2. Maximum Dependable Capacity (MWe-Net)	1107		
	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	602.15	8,594.90	229,109.01
4. Number of Hours Generator On-line	588.02	8,564.89	224,532.38
5. Reserve Shutdown Hours	0.00	0.00	3,357.70
6. Net Electrical energy Generated (MWHrs)	652,580.84	9,625,621.44	232,556,945.55

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
FO-16-02	12/18/2016	F		155.98	H	3	Columbia Generating Station experienced a load reject event with automatic SCRAM due to a cold weather-related failure of switchyard equipment at the Bonneville Power Association Ashe Substation. The turbine was manually tripped.

**SUMMARY** Columbia operated at 100% during the month of December except for a downpower to 85% for Control Rod Exercise, Bypass Valve Testing, and Rod Set (Exempt - 2.1.11.c Plant Equipment Testing), and an Automatic SCRAM due to grid equipment failure (Grid-Related Energy Loss - 2.1.9).

# OPERATING DATA REPORT

DOCKET: 445  
UNIT\_NME: Comanche Peak Unit 1  
RPT\_PERIOD: 201610

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	6,615.00	208,221.01
4. Number of Hours Generator On-line	744.00	6,595.65	207,058.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	910,466.00	8,018,138.00	233,949,458.00

## 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 began the month at 100% reactor, 1267 MWe turbine power. Unit1 ended the month at 100% reactor, 1272 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201611

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	721.00	7,336.00	208,942.01
4. Number of Hours Generator On-line	721.00	7,316.65	207,779.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	884,880.00	8,903,018.00	234,834,338.00

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 1 began the month at 100% reactor, 1272 MWe turbine power. On 11/3/16 at 10:21, operators performed OPT-206A, routine TDAFWP 1-01 operability testing satisfactorily. On 11/19/16 at 00:00, operators ramped the unit from 100% reactor, 1272 MWe turbine power to about 71% reactor, 875 MWe turbine power and performed OPT-217A, routine main turbine stop and control valve testing satisfactorily. Unit 1 returned to 100% reactor power at 09:55 the same day. SPEL for the INPO exempt activities = 1483.74 MW-hrs. Unit 1 ended the month at 100% reactor, 1279 MWE turbine power.

# OPERATING DATA REPORT

DOCKET: 445  
 UNIT\_NME: Comanche Peak Unit 1  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating: 1218  
 2. Maximum Dependable Capacity (MWe-Net) 1205

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,080.00	209,686.01
4. Number of Hours Generator On-line	744.00	8,060.65	208,523.13
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	918,657.00	9,821,675.00	235,752,995.00

## 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 1 began the month at 100% reactor, 1279 MWe turbine power. On 12/02/16 at 10:52, Moisture Separator Reheater B2 Drain Tank normal and alternate level control valves 1-LV-2704A and 1-LV-2705A respectively failed open. In response to the loss of secondary efficiency, operators lowered Main Turbine load about 50 MWe. Subsequently, it was determined that the power supply to the associated level transmitter 1-LT-2704A/2705A had failed. The power supply was replaced and Unit 1 returned to 100% reactor power on 12/03/16 at 05:22. On 12/29/16 at 09:44, operators performed OPT-206A, routine TDAFWP 1-01 operability testing successfully (SPEL = 3.76 MWH). Unit 1 ended the month at 100% reactor, 1279 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201610

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	7,319.00	188,041.75
4. Number of Hours Generator On-line	744.00	7,319.00	187,247.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	900,530.00	8,892,376.00	213,827,070.00

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 2 began the month at 100% reactor, 1258 MWe turbine power. On 10/1/16 at 00:00, operators ramped the unit from 100% reactor, 1258 MWe turbine power to about 71% reactor, 875 MWe turbine power to conduct OPT-217B, routine main turbine stop and control valve testing. At 02:27, testing completed and operators commenced ramping the unit to 100% reactor power. At 05:00 the same day, Unit 2 returned to 100% reactor power (SPEL = 1194.33 MW-hr). Unit 2 ended the month at 100% reactor, 1263 MWe turbine power.



# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201611

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	721.00	8,040.00	188,762.75
4. Number of Hours Generator On-line	721.00	8,040.00	187,968.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	878,977.00	9,771,353.00	214,706,047.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month at 100% reactor, 1263 MWe turbine power. On 11/23/2016 at 09:23, operators performed OPT-206B, routine TDAFWP 2-01 operability testing satisfactorily. SPEL for INPO exempt activities = 5.92 MW-hrs. Unit 2 ended the month at 100% reactor, 1268 MWe turbine power.`

# OPERATING DATA REPORT

DOCKET: 446  
 UNIT\_NME: Comanche Peak Unit 2  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating: 1207  
 2. Maximum Dependable Capacity (MWe-Net) 1195

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,784.00	189,506.75
4. Number of Hours Generator On-line	744.00	8,784.00	188,712.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	911,271.00	10,682,624.00	215,617,318.00

## 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 began the month at 100% reactor, 1270 MWe turbine power. Unit 2 ended the month at 100% reactor, 1269 MWe turbine power.

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201610

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

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	6,471.09	266,134.78
4. Number of Hours Generator On-line	744.00	6,448.67	262,997.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	787,146.00	6,728,819.00	254,630,648.40

## UNIT SHUTDOWNS

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

SUMMARY None

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201611

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

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	721.00	7,192.09	266,855.78
4. Number of Hours Generator On-line	721.00	7,169.67	263,718.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	771,196.00	7,500,015.00	255,401,844.40

## UNIT SHUTDOWNS

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

SUMMARY None.

# OPERATING DATA REPORT

DOCKET: 315  
UNIT\_NME: Cook Unit 1  
RPT\_PERIOD: 201612

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

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	7,936.09	267,599.78
4. Number of Hours Generator On-line	744.00	7,913.67	264,462.85
5. Reserve Shutdown Hours	0.00	0.00	321.00
6. Net Electrical energy Generated (MWHrs)	811,730.00	8,311,745.00	256,213,574.40

## UNIT SHUTDOWNS

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

SUMMARY None.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201610

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

1. Design Electrical Rating: 1107  
 2. Maximum Dependable Capacity (MWe-Net) 1077

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	96.02	6,518.99	250,646.96
4. Number of Hours Generator On-line	96.02	6,509.67	246,223.95
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	73,922.00	7,048,499.00	252,679,628.60

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
240	10/5/2016		S	647.98	C	1	Rx/Gen trip occurred on 10/5/16 at 00:01 to begin planned U2C23 refueling outage.

SUMMARY Rx/Gen trip occurred on 10/5/2016 @ 00:01 to begin planned U2C23 refueling outage.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201611

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

1. Design Electrical Rating: 1107  
 2. Maximum Dependable Capacity (MWe-Net) 1077

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	6,518.99	250,646.96
4. Number of Hours Generator On-line	0.00	6,509.67	246,223.95
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	7,048,499.00	252,679,628.60

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
240	10/5/2016		S	720.00	C	4	Rx/Gen trip occurred on 10/5/16 at 00:01 to begin planned U2C23 refueling outage.

SUMMARY U2C23 planned outage began with Rx/Gen trip on 10/05/2016 at 00:01 and continued through end of November.

# OPERATING DATA REPORT

DOCKET: 316  
 UNIT\_NME: Cook Unit 2  
 RPT\_PERIOD: 201612

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

1. Design Electrical Rating: 1107  
 2. Maximum Dependable Capacity (MWe-Net) 1077

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	6,518.99	250,646.96
4. Number of Hours Generator On-line	0.00	6,509.67	246,223.95
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	7,048,499.00	252,679,628.60

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
240	10/5/2016		S	744.00	C	4	Rx/Gen trip occurred on 10/5/16 at 00:01 to begin planned U2C23 refueling outage.

SUMMARY Planned U2C23 refueling outage began on 10/5/2016 at 00:01 and continued through the end of the month of December.



# OPERATING DATA REPORT

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Grant Reynolds  
 PREPARER TELEPHONE: 402-825-2726

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	0.00	6,427.00	302,820.08
4. Number of Hours Generator On-line	0.00	6,427.00	299,412.27
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	4,925,822.48	212,323,169.86

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
16-01	9/24/2016	S	744.00	C	4	None

SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
 UNIT\_NME: Cooper Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: Grant Reynolds  
 PREPARER TELEPHONE: 402-825-2627

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	574.77	7,001.77	303,394.85
4. Number of Hours Generator On-line	529.70	6,956.70	299,941.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	395,757.78	5,321,580.26	212,718,927.64

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
16-01	9/24/2016	S	190.30	C	4	None

SUMMARY None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 298  
UNIT\_NME: Cooper Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: Grant Reynolds  
PREPARER TELEPHONE: 402-825-2627

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	7,745.77	304,138.85
4. Number of Hours Generator On-line	744.00	7,700.70	300,685.97
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	601,220.66	5,922,800.92	213,320,148.30

## 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 None for this reporting period.

# OPERATING DATA REPORT

DOCKET: 346  
UNIT\_NME: Davis-Besse Unit 1  
RPT\_PERIOD: 201610

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	5,973.46	245,419.96
4. Number of Hours Generator On-line	744.00	5,856.69	241,926.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	659,687.00	5,058,049.30	205,891,843.40

## 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 On October 14, 2016, a planned downpower to approximately 55% power was initiated to perform repairs on the controls for Main Feedwater Pump Turbine 1. Following completion of repairs on October 16, 2016, the plant was returned to 100% power later that same day. The plant remained at approximately 100% power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 346  
 UNIT\_NME: Davis-Besse Unit 1  
 RPT\_PERIOD: 201611

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

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	6,694.46	246,140.96
4. Number of Hours Generator On-line	721.00	6,577.69	242,647.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	658,798.00	5,716,847.30	206,550,641.40

## 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** On November 5, 2016, a planned downpower to approximately 99.5% power was conducted for Integrated Control System maintenance. The plant remained at approximately 100% power the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 346  
UNIT\_NME: Davis-Besse Unit 1  
RPT\_PERIOD: 201612

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	7,438.46	246,884.96
4. Number of Hours Generator On-line	744.00	7,321.69	243,391.26
5. Reserve Shutdown Hours	0.00	0.00	5,532.00
6. Net Electrical energy Generated (MWHrs)	678,085.00	6,394,932.30	207,228,726.40

## 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 4, 2016, 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: 201610

PREPARER NAME: Elijah DeVaughn  
 PREPARER TELEPHONE: 805-545-4418

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	7,319.00	246,328.02
4. Number of Hours Generator On-line	744.00	7,319.00	244,196.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	769,997.00	8,298,729.00	261,461,726.00

## UNIT SHUTDOWNS

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

SUMMARY Except for a planned curtailment to approximately 50 percent power for Circulating Water Tunnel Cleaning from 10/17/16-10/22/16, Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201611

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	721.00	8,040.00	247,049.02
4. Number of Hours Generator On-line	721.00	8,040.00	244,917.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	823,161.00	9,121,890.00	262,284,887.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of November 2016.



# OPERATING DATA REPORT

DOCKET: 275  
 UNIT\_NME: Diablo Canyon Unit 1  
 RPT\_PERIOD: 201612

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	8,784.00	247,793.02
4. Number of Hours Generator On-line	744.00	8,784.00	245,661.91
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	852,741.00	9,974,631.00	263,137,628.00

## UNIT SHUTDOWNS

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

SUMMARY Diablo Canyon Unit 1 operated at approximately 100 percent power for the month of December 2016.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Elijah DeVaughn  
 PREPARER TELEPHONE: 805-545-4418

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	6,571.49	241,762.45
4. Number of Hours Generator On-line	744.00	6,536.25	239,745.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	837,098.00	7,320,141.00	257,732,269.00

## UNIT SHUTDOWNS

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

SUMMARY Except for a planned curtailment to 88% power for Turbine Control Valve and Control Rod Drive Tests on 10/27/16, Diablo Canyon Unit 2 operated at approximately 100 percent power for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 323  
 UNIT\_NME: Diablo Canyon Unit 2  
 RPT\_PERIOD: 201611

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	721.00	7,292.49	242,483.45
4. Number of Hours Generator On-line	721.00	7,257.25	240,466.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	803,332.00	8,123,473.00	258,535,601.00

## UNIT SHUTDOWNS

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

**SUMMARY** Diablo Canyon Unit 2 operated at approximately 100 percent power for the month of November 2016, with the exception of a manual reduction in power on November 10 due to storm seas causing biofouling of the condenser.

# OPERATING DATA REPORT

DOCKET: 323  
UNIT\_NME: Diablo Canyon Unit 2  
RPT\_PERIOD: 201612

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	8,036.49	243,227.45
4. Number of Hours Generator On-line	744.00	8,001.25	241,210.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	842,771.00	8,966,244.00	259,378,372.00

## 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 December 2016.

# OPERATING DATA REPORT

DOCKET: 237  
 UNIT\_NME: Dresden Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

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	7,319.00	330,898.14
4. Number of Hours Generator On-line	744.00	7,319.00	321,486.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	681,101.00	6,700,576.00	237,845,787.00

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

# OPERATING DATA REPORT

DOCKET: 237  
UNIT\_NME: Dresden Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: Dave Kijowski  
PREPARER TELEPHONE: 815-416-4227

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	721.00	8,040.00	331,619.14
4. Number of Hours Generator On-line	721.00	8,040.00	322,207.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	673,042.00	7,373,618.00	238,518,829.00

## 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** On November 28, at approximately 0400 hours, load was reduced to approximately 98% when a Circ Water Pump was secured to support planned maintenance on the C lift station pump. On the same day, at approximately 1400 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: 201612

PREPARER NAME: David Kijowski  
 PREPARER TELEPHONE: 8154164227

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	744.00	8,784.00	332,363.14
4. Number of Hours Generator On-line	744.00	8,784.00	322,951.02
5. Reserve Shutdown Hours	0.00	0.00	4.00
6. Net Electrical energy Generated (MWHrs)	674,353.00	8,047,971.00	239,193,182.00

## UNIT SHUTDOWNS

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

**SUMMARY** On December 10, at approximately 0740 hours, the Unit 2 generator was removed from service, marking the start of D2M18 to repair Moisture Separator Drain Tank steam leaks. On December 11, at approximately 1700 hours, the unit returned to full power operation. This maintenance outage was combined with planned quarterly downpower activities: control rod pattern adjustments, scram time testing, and valve testing.

On December 13, at approximately 0130 hours, load was reduced to approximately 99% electrical when a Circ Water Pump was secured for planned maintenance. On the same day, at approximately 2200 hours, the Unit returned to full power operation.

On December 17, at approximately 0000 hours, load was reduced to approximately 88% electrical for a planned control rod pattern adjustment. On the same day, at approximately 0300 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: 201610

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	722.88	7,297.88	319,178.15
4. Number of Hours Generator On-line	720.00	7,295.00	310,582.11
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	504,116.00	6,402,031.00	229,757,284.00

## 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	
D3R24	10/31/2016		S	24.00	C	1	Refuel	

**SUMMARY** Entering the month, the unit was at approximately 83% electrical due to core coastdown.

On October 20, at approximately 1900 hours, load was reduced from approximately 76% electrical to approximately 62% for planned Isolation Condenser Decay Heat Testing. On the same day, at approximately 1400 hours, the unit returned to 92% operation (max achievable with core coastdown).

On October 28, at approximately 1000 hours, load was reduced from approximately 74% to approximately 73% electrical due to a 'F' Lift Pump column pipe leak.

On October 31, at approximately 0000 hours, Unit 3 generator was removed from service, marking the start of D3R24.

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



# OPERATING DATA REPORT

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201611

PREPARER NAME: Dave Kijowski  
 PREPARER TELEPHONE: 815-416-4227

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	354.80	7,652.68	319,532.95
4. Number of Hours Generator On-line	336.52	7,631.52	310,918.63
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	298,679.00	6,700,710.00	230,055,963.00

## 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	
D3R24	10/31/2016		S	383.48	C	4	Refuel	

**SUMMARY** Entering the month, Unit 3 was shutdown for D3R24. The unit had an unplanned outage extension due to the failure of a Circulating Water Pump Discharge Valve. On November 18, at approximately 1200 hours, unit power returned to approximately 99% electrical, with a Circulating Water Pump secured to complete repairs to the 'F' Lift Pump column pipe leak.

On November 19, at approximately 2200 hours, load was reduced to approximately 84% electrical for a planned control rod pattern adjustment. On November 20, at approximately 0400 hours, the unit returned to 99% operation.

On November 21, at approximately 1400 hours, the unit returned to full power operation after the third Circulating Water Pump was returned to service following the completion of the repairs to the 'F' Lift Pump column pipe leak.

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

# OPERATING DATA REPORT

DOCKET: 249  
 UNIT\_NME: Dresden Unit 3  
 RPT\_PERIOD: 201612

PREPARER NAME: David Kijowski  
 PREPARER TELEPHONE: 815-416-4227

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

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,396.68	320,276.95
4. Number of Hours Generator On-line	744.00	8,375.52	311,662.63
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	696,872.00	7,397,582.00	230,752,835.00

## UNIT SHUTDOWNS

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

**SUMMARY** On December 04, at approximately 2030 hours, load was reduced to approximately 99% electrical when a Circ Water Pump was secured for planned maintenance. On December 09, at approximately 0430 hours, the Unit returned to full power operation.

On December 17, at approximately 2200 hours, load was reduced to approximately 86% electrical for a planned control rod pattern adjustment. On December 18, at approximately 0500 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: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 319-851-7314

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	86.52	6,661.52	306,842.35
4. Number of Hours Generator On-line	56.25	6,631.25	301,801.27
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	20,861.20	3,825,481.70	153,563,702.49

## 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	
16-01	10/3/2016		S	687.75	C	1		Shutdown was executed as planned.

**SUMMARY** The DAEC was in coastdown at the beginning of October, 2016. The generator was taken offline for Refueling Outage 25 at 0001 hours on October 3. The generator was placed back on the grid following the refueling outage at 1546 hours on October 31.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 319-851-7314

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	7,382.52	307,563.35
4. Number of Hours Generator On-line	721.00	7,352.25	302,522.27
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	417,958.70	4,243,440.40	153,981,661.19

## UNIT SHUTDOWNS

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

**SUMMARY** Power ascension from Refueling Outage 25 was in progress at the start of November. Power was limited due to operation on one feedwater pump from 1149 hours on November 1 until 2219 hours on November 3. Additionally, power was reduced slightly to install a temporary modification on a level instrument for the Moisture Separator Reheater drain tank on November 22. Other reductions during the month were associated with normal power ascension activities and loadline adjustments.

# OPERATING DATA REPORT

DOCKET: 331  
 UNIT\_NME: Duane Arnold Unit 1  
 RPT\_PERIOD: 201612

PREPARER NAME: Matt Brandt  
 PREPARER TELEPHONE: 319-851-7314

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	8,126.52	308,307.35
4. Number of Hours Generator On-line	744.00	8,096.25	303,266.27
5. Reserve Shutdown Hours	0.00	0.00	192.80
6. Net Electrical energy Generated (MWHrs)	459,228.40	4,702,668.80	154,440,889.59

## UNIT SHUTDOWNS

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

SUMMARY The losses for December included the planned losses associated with a loadline adjustment on December 3/4, and two downpowers for feedwater heater maintenance on December 6 and December 8.

# OPERATING DATA REPORT

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Samantha Boswell  
 PREPARER TELEPHONE: 334-814-4540

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	5.20	6,580.20	293,052.55
4. Number of Hours Generator On-line	5.20	6,580.20	290,163.51
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	4,806.00	5,825,108.00	237,521,911.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
28	10/1/2016	F	738.80	A	3	U1 started coasting down on 9/28/16 at 1635. On 10/1/2016 at 0512, U1 had an automatic Rx trip with safety injection (complications) due to a malfunction associated with an MSIV on the "A" Steam Generator. 1R27 was scheduled to start on 10/02/16 at 0700. A decision was made by plant management to keep the unit down and start the outage early. 1R27 ended on 11/07/16 at 0908.

SUMMARY U1 experienced an automatic reactor trip on 10/1/16 @ 0512, which started 1R27 (originally scheduled for 10/2/16) and lasted the entire month of October.

# OPERATING DATA REPORT

DOCKET: 348  
 UNIT\_NME: Farley Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: Samantha Boswell  
 PREPARER TELEPHONE: 334-814-4540

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	433.32	7,013.52	293,485.87
4. Number of Hours Generator On-line	293.15	6,873.35	290,456.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	198,306.00	6,023,414.00	237,720,217.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
31	11/27/2016	F		63.35	A	2	Unit 1 was manually tripped due to large voltage swings on the Main Generator on 11/27/16 at 0026. Unit 1 synchronized to the grid 11/29/16 at 1547 and was restored to full power by 12/1/16 at 1039.
28	10/1/2016	F		153.13	A	4	U1 started coasting down on 9/28/16 at 1635. On 10/1/2016 at 0512, U1 had an automatic Rx trip with safety injection (complications) due to a malfunction associated with an MSIV on the "A" Steam Generator. 1R27 was scheduled to start on 10/02/16 at 0700. A decision was made by plant management to keep the unit down and start the outage early. 1R27 ended on 11/07/16 at 0908.
30	11/18/2016	F		55.80	A	1	U1 commenced an unplanned Tech Spec Shutdown due to 2 inoperable steam flow detectors on 1C Steam Generator.
29	11/8/2016	F		154.57	A	2	On 11/8/16, U1 ramped down to investigate water leakage from the main generator drains. While reducing power as part of the shutdown, 1A Steam Generator Feed Pump developed a control issue, therefore the reactor was manually tripped at 1331.

**SUMMARY** Unit 1 completed 1R27 on 11/7/16 at 0908. A derate occurred on 11/8/16 @ 1034 due to water intrusion into the Main Generator. A forced outage occurred on 11/8/16 @ 1331 due to 1A SGFP complications. Unit 1 synched to the grid on 11/15/16 @ 0005. U1 had a forced shutdown on 11/17/16 @ 1859 due to inoperable "C" Steam Flow Channels. A forced shutdown occurred by Manual Rx Trip occurred on 11/18/16 @ 0041 due to inoperable Steam Flow Detectors. Unit 1 synchronized to the grid on 11/20/16 @ 0830. U1 was manually tripped due to large voltage swings on 11/27/16 @ 0026. U1 synchronized to the grid at 1547 on 11/29/16.

# OPERATING DATA REPORT

DOCKET: 348  
UNIT\_NME: Farley Unit 1  
RPT\_PERIOD: 201612

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	7,757.52	294,229.87
4. Number of Hours Generator On-line	744.00	7,617.35	291,200.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	660,637.00	6,684,051.00	238,380,854.00

## 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: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201610

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

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	6,588.82	276,199.33
4. Number of Hours Generator On-line	744.00	6,489.15	273,493.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	663,616.00	5,704,783.00	225,945,736.00

## 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: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: Samantha Boswell  
PREPARER TELEPHONE: 334-814-4540

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	721.00	7,309.82	276,920.33
4. Number of Hours Generator On-line	721.00	7,210.15	274,214.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	643,395.00	6,348,178.00	226,589,131.00

## 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: 364  
UNIT\_NME: Farley Unit 2  
RPT\_PERIOD: 201612

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	8,053.82	277,664.33
4. Number of Hours Generator On-line	744.00	7,954.15	274,958.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	666,083.00	7,014,261.00	227,255,214.00

## 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: 201610

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	7,104.85	205,478.95
4. Number of Hours Generator On-line	744.00	7,079.43	200,215.77
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	843,167.00	7,722,373.00	206,040,115.92

## 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 with the following exceptions:  
10/26/16 2015 to 10/27/16 0025 Unplanned downpower to 98% due to single rod scram during surveillance (not exempt)  
10/29/16 0911 to 10/29/16 1024 Planned downpower to 91% reactor power for control rod operability surveillance (exempt)

# OPERATING DATA REPORT

DOCKET: 341  
 UNIT\_NME: Fermi Unit 2  
 RPT\_PERIOD: 201611

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	600.25	7,705.10	206,079.20
4. Number of Hours Generator On-line	572.73	7,652.16	200,788.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	581,860.00	8,304,233.00	206,621,975.92

## 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	
PO 16-02	11/7/2016		S	148.27	A	1		Shutdown to replace 2B Main Unit Transformer

**SUMMARY** The unit operated at full power with the following exceptions:

- 11/02/16 1358 to 11/06/16 2059: Unplanned downpower to 97% power due to Feedwater DCS issues (non-exempt)
- 11/06/16 2100 to 11/07/16 0259: Planned downpower for PO-16-02 (non-exempt)
- 11/07/16 0300 to 11/13/16 0716: Planned plant shutdown for PO-16-02 (non-exempt)
- 11/13/16 0717 to 11/20/16 0125: Planned power ascension following PO 16-02 (non-exempt)
- 11/20/16 1330 to 1459: Planned downpower to 81% for rod pattern adjustment (non-exempt)
- 11/29/16 1640 to 1722: Unplanned downpower to 99.5% due to Feedwater DCS Issues (non-exempt)

# OPERATING DATA REPORT

DOCKET: 341  
UNIT\_NME: Fermi Unit 2  
RPT\_PERIOD: 201612

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	8,449.10	206,823.20
4. Number of Hours Generator On-line	744.00	8,396.16	201,532.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	849,685.00	9,153,918.00	207,471,660.92

## 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 99.5% power (due to Feedwater DCS issues) for the entire month with the following exceptions:  
--12/3/16 0946 to 1219: Planned downpower to 90% reactor power for surveillance. (exempt)

# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: A. Spiridakis  
 PREPARER TELEPHONE: 3153262288

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	6,911.85	296,340.16
4. Number of Hours Generator On-line	744.00	6,836.67	290,243.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	459,068.00	5,119,709.00	224,029,204.00

## 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** There were no unplanned losses during the month of October 2016. A control rod adjustment was made and ST-23B was conducted (control rod coupling test) between 10/5/16 03:09 and 15:24. Rx Power was reduced from 78.3% to 68.16, which was the minimum throughout the evolution. Per INPO 04-004 (Rev. 15), control rod testing is considered exempt energy generation loss. On 10/28/2016, Rx Power was lowered from 72.2% to 70.8% due to a 1% deviation in A Reactor Water Recirc speed indication. Operators conducted the downpower per Rx Engineering instructions. Since the downpower was less than 20% Rx Power, it is not counted as a Generation Occurrence. As this speed indication resulted in an unplanned change in Rx Power, the actual losses due to A RWR issue are reported as unplanned energy losses.

# OPERATING DATA REPORT

DOCKET: 333  
UNIT\_NME: FitzPatrick Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: A. Spiridakis  
PREPARER TELEPHONE: 3153262288

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	7,632.85	297,061.16
4. Number of Hours Generator On-line	721.00	7,557.67	290,964.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	387,349.00	5,507,058.00	224,416,553.00

## 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 unit shutdowns, planned, or unplanned power changes affecting generation for the month of November 2016. James A. FitzPatrick is coasting down for a refueling cycle scheduled to begin 1/14/2016. The coastdown is reflected in the low Net Electric Energy output for this month.



# OPERATING DATA REPORT

DOCKET: 333  
 UNIT\_NME: FitzPatrick Unit 1  
 RPT\_PERIOD: 201612

PREPARER NAME: A. Spiridakis  
 PREPARER TELEPHONE: 3153262288

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	8,376.85	297,805.16
4. Number of Hours Generator On-line	744.00	8,301.67	291,708.99
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	350,901.00	5,857,959.00	224,767,454.00

## UNIT SHUTDOWNS

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

**SUMMARY** There were no unplanned losses during the month of December 2016. On 12/1/2016 ~ 11:22, a LEFM Correction Factor Calculation was made which led to about a 1.2% change in indicated Rx Power. (Note: LEFM corrections do not result in any change to MW Electric Output.) A control rod adjustment was made on 12/7/2016 between 04:11 and 14:04. This evolution caused a 2.5% change in Rx Power (from 62.2% to 59.7%). Per INPO 04-004 (Rev. 15), control rod testing is considered exempt energy generation loss. The power change as a result of this evolution was also < 20% RTP and, therefore, will not be reported as a Generation Occurrence.

# OPERATING DATA REPORT

DOCKET: 244  
 UNIT\_NME: Ginna Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: John V. Walden  
 PREPARER TELEPHONE: 315-791-3588

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	7,319.00	354,268.22
4. Number of Hours Generator On-line	744.00	7,319.00	350,731.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	427,365.07	4,193,965.35	170,426,734.18

## UNIT SHUTDOWNS

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

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: 201611

PREPARER NAME: John V. Walden  
PREPARER TELEPHONE: 315-791-3588

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	8,040.00	354,989.22
4. Number of Hours Generator On-line	721.00	8,040.00	351,452.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	417,058.29	4,611,023.64	170,843,792.47

## UNIT SHUTDOWNS

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

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

# OPERATING DATA REPORT

DOCKET: 244  
UNIT\_NME: Ginna Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: John V. Walden  
PREPARER TELEPHONE: 315-791-3588

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	8,784.00	355,733.22
4. Number of Hours Generator On-line	744.00	8,784.00	352,196.31
5. Reserve Shutdown Hours	0.00	0.00	8.50
6. Net Electrical energy Generated (MWHrs)	431,038.81	5,042,062.45	171,274,831.28

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at full power for the entire month of December. Average power for the month was 99.8%.

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: A. Hollowell  
 PREPARER TELEPHONE: 601-437-2318

1. Design Electrical Rating: 1485  
 2. Maximum Dependable Capacity (MWe-Net) 1428

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	4,602.35	246,331.23
4. Number of Hours Generator On-line	0.00	4,406.87	241,273.15
5. Reserve Shutdown Hours	0.00	243.00	243.00
6. Net Electrical energy Generated (MWHrs)	0.00	5,981,585.00	290,236,905.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
142	9/8/2016	F		744.00	A	4	The SCRAM on 9/8/2016 at 1104 hrs was a planned SCRAM per IOI-2 in order to repair a problem with RHR 'A'. Plant was shutdown due to RHR 'A' being INOP and repair was scheduled to longer than seven days.

SUMMARY FO 21-04 cont

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: A. Hollowell  
 PREPARER TELEPHONE: 601-437-2318

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	0.00	4,602.35	246,331.23
4. Number of Hours Generator On-line	0.00	4,406.87	241,273.15
5. Reserve Shutdown Hours	0.00	243.00	243.00
6. Net Electrical energy Generated (MWHrs)	0.00	5,981,585.00	290,236,905.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
142	9/8/2016	F	720.00	A	4	The SCRAM on 9/8/2016 at 1104 hrs was a planned SCRAM per IOI-2 in order to repair a problem with RHR 'A'. Plant was shutdown due to RHR 'A' being INOP and repair was scheduled to longer than seven days.

SUMMARY FO 21-04 cont

# OPERATING DATA REPORT

DOCKET: 416  
 UNIT\_NME: Grand Gulf Unit 1  
 RPT\_PERIOD: 201612

PREPARER NAME: A. Hollowell  
 PREPARER TELEPHONE: 601-437-2318

1. Design Electrical Rating: 1485  
 2. Maximum Dependable Capacity (MWe-Net) 1428

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	0.00	4,602.35	246,331.23
4. Number of Hours Generator On-line	0.00	4,406.87	241,273.15
5. Reserve Shutdown Hours	0.00	243.00	243.00
6. Net Electrical energy Generated (MWHrs)	0.00	5,981,585.00	290,236,905.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
142	9/8/2016	F		744.00	A	4	The SCRAM on 9/8/2016 at 1104 hrs was a planned SCRAM per IOI-2 in order to repair a problem with RHR 'A'. Plant was shutdown due to RHR 'A' being INOP and repair was scheduled to longer than seven days.

SUMMARY FO 21-04 continued

# OPERATING DATA REPORT

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201610

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

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	169.83	6,744.83	230,001.65
4. Number of Hours Generator On-line	169.75	6,744.75	228,473.53
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	136,077.00	6,373,893.00	201,292,916.00

## 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	
H1120 R1	10/8/2016		S	574.25	C	3		Planned Refueling outage shutdown, RFO 20.

SUMMARY The unit was shutdown on October 8, 2016 for RFO-20.



# OPERATING DATA REPORT

DOCKET: 400  
 UNIT\_NME: Harris Unit 1  
 RPT\_PERIOD: 201611

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	515.98	7,260.81	230,517.63
4. Number of Hours Generator On-line	472.02	7,216.77	228,945.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	416,053.00	6,789,946.00	201,708,969.00

## 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	
H1120 R1	10/8/2016		S	247.98	C	4		Planned Refueling outage shutdown, RFO 20.

SUMMARY Refueling outage 20 was completed during November, 2016. This included an extension due to repairs needed on the reactor vessel head.

# OPERATING DATA REPORT

DOCKET: 400  
UNIT\_NME: Harris Unit 1  
RPT\_PERIOD: 201612

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	744.00	8,004.81	231,261.63
4. Number of Hours Generator On-line	744.00	7,960.77	229,689.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	723,105.00	7,513,051.00	202,432,074.00

## 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 generation loss events in December 2016.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201610

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	6,683.89	303,790.96
4. Number of Hours Generator On-line	744.00	6,630.30	296,735.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	660,776.00	5,693,038.00	231,091,907.00

## 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 change events this month.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201611

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	7,404.89	304,511.96
4. Number of Hours Generator On-line	721.00	7,351.30	297,456.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	634,695.00	6,327,733.00	231,726,602.00

## 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 ~58% rated thermal power to swap Steam Jet Air Ejectors on 11/22/2016. Reactor power was returned to ~100% rated thermal power on 11/23/2016. There were no additional significant (>20% rated thermal power) power changes during the month.

# OPERATING DATA REPORT

DOCKET: 321  
UNIT\_NME: Hatch Unit 1  
RPT\_PERIOD: 201612

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	8,148.89	305,255.96
4. Number of Hours Generator On-line	744.00	8,095.30	298,200.17
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	663,397.00	6,991,130.00	232,389,999.00

## 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 ~80% rated thermal power for quarterly turbine testing and rod pattern adjustment on 12/10/2016. Reactor power was returned to ~100% rated thermal power on 12/10/2016. There were no additional significant (>20% rated thermal power) power changes during the month.

# OPERATING DATA REPORT

DOCKET: 366  
UNIT\_NME: Hatch Unit 2  
RPT\_PERIOD: 201610

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	7,214.85	279,108.88
4. Number of Hours Generator On-line	744.00	7,192.07	273,892.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	663,145.00	6,361,946.00	217,692,280.00

## 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 change events this month.

# OPERATING DATA REPORT

DOCKET: 366  
 UNIT\_NME: Hatch Unit 2  
 RPT\_PERIOD: 201611

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	721.00	7,935.85	279,829.88
4. Number of Hours Generator On-line	721.00	7,913.07	274,613.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	642,047.00	7,003,993.00	218,334,327.00

## UNIT SHUTDOWNS

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

**SUMMARY** Reactor power was reduced to ~77% rated thermal power for quarterly turbine testing and rod pattern adjustment on 11/19/2016. Reactor power was returned to ~100% rated thermal power on 11/19/2016. There were no additional significant (>20% rated thermal power) power changes during the month.

# OPERATING DATA REPORT

DOCKET: 366  
UNIT\_NME: Hatch Unit 2  
RPT\_PERIOD: 201612

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	8,679.85	280,573.88
4. Number of Hours Generator On-line	744.00	8,657.07	275,357.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,232.00	7,656,225.00	218,986,559.00

## 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 began end of cycle fuel coastdown on 12/09/2016. 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: 201610

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

1. Design Electrical Rating:	1228.1		
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	327.37	6,902.37	232,004.87
4. Number of Hours Generator On-line	326.05	6,880.92	228,090.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	375,179.00	8,224,202.00	244,737,998.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
HCR2 0	10/14/2016		S	417.95	C	1	A power reduction of approximately 76.4% (94.4% to 18%) occurred on 10/14/16 at 03:00 as part of the normal sequence for a planned shutdown for a refueling outage. Power was stabilized at 18% on 10/14/16 at 10:17. The main turbine/generator was removed from the grid on 10/14/16 at 14:03 and the reactor was manually scrammed on 10/14/16 at 15:22 to start Hope Creek refueling outage HCR20. This is a planned power reduction IAW NEI 99-02.

**SUMMARY** The month began with the unit online and the reactor critical at 99.9% CTP  
 One (1) planned power change greater than 15% occurred in October 2016  
 A power reduction of approximately 76.4% (94.4% to 18%) occurred on 10/14/16 at 03:00 as part of the normal sequence for a planned shutdown for a refueling outage. Power was stabilized at 18% on 10/14/16 at 10:17. The main turbine/generator was removed from the grid on 10/14/16 at 14:03 and the reactor was manually scrammed on 10/14/16 at 15:22 to start Hope Creek refueling outage HCR20. This is a planned power reduction IAW NEI 99-02.  
 Zero (0) unplanned power changes greater than 15% occurred in October 2016  
 The month ended with the unit offline and the reactor shut down due to the continuation of Hope Creek refueling outage HCR20  
 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: 201611

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

1. Design Electrical Rating:	1228.1		
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	503.70	7,406.07	232,508.57
4. Number of Hours Generator On-line	462.47	7,343.39	228,552.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	490,414.00	8,714,616.00	245,228,412.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
HCR2 0	10/14/2016		S	257.53	C	4	A power reduction of approximately 76.4% (94.4% to 18%) occurred on 10/14/16 at 03:00 as part of the normal sequence for a planned shutdown for a refueling outage. Power was stabilized at 18% on 10/14/16 at 10:17. The main turbine/generator was removed from the grid on 10/14/16 at 14:03 and the reactor was manually scrammed on 10/14/16 at 15:22 to start Hope Creek refueling outage HCR20. This is a planned power reduction IAW NEI 99-02.

**SUMMARY** The month began with the unit shut down due to continuation of planned refueling outage HCR20. The reactor was made critical 11/10/16 at 00:18 and the main generator was synchronized to the grid 11/11/16 at 17:32 as part of startup from the HCR20 refueling outage. This is a planned unit shutdown IAW NEI 99-02  
 Zero (0) planned power change greater than 15% occurred in November 2016  
 Zero (0) unplanned power changes greater than 15% occurred in November 2016  
 The month ended with the unit online and the reactor critical at 99.7% 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: 201612

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

1. Design Electrical Rating:	1228.1		
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	8,150.07	233,252.57
4. Number of Hours Generator On-line	744.00	8,087.39	229,296.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	925,071.00	9,639,687.00	246,153,483.00

## UNIT SHUTDOWNS

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

SUMMARY The month began with the unit online and the reactor critical at 99.7%  
 Zero (0) planned power change greater than 15% occurred in December 2016  
 Zero (0) unplanned power changes greater than 15% occurred in December 2016  
 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: 201610

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 914-254-7644

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	4,836.72	287,907.29
4. Number of Hours Generator On-line	744.00	4,761.27	283,238.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWhrs)	755,008.00	4,533,593.95	256,721,877.83

## UNIT SHUTDOWNS

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

**SUMMARY** Indian Point 2 was synchronized to the grid for a total of 744 hours, producing a gross generation of 780,336 MWhrs. The unit operated at full power for the entire month.  
 Monthly planned losses were due to condenser backwashes.

# OPERATING DATA REPORT

DOCKET: 247  
UNIT\_NME: Indian Point Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: Justin Sledzinski  
PREPARER TELEPHONE: 914-254-7644

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	5,557.72	288,628.29
4. Number of Hours Generator On-line	721.00	5,482.27	283,959.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	734,015.00	5,267,608.95	257,455,892.83

## 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 2 was synchronized to the grid for a total of 721 hours, producing a gross generation of 758,350 MWHrs. Planned and exempt energy losses were due to condenser backwashes.

# OPERATING DATA REPORT

DOCKET: 247  
 UNIT\_NME: Indian Point Unit 2  
 RPT\_PERIOD: 201612

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	744.00	6,301.72	289,372.29
4. Number of Hours Generator On-line	744.00	6,226.27	284,703.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	762,456.00	6,030,064.95	258,218,348.83

## UNIT SHUTDOWNS

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

SUMMARY Indian Point 2 was synchronized to the grid for a total of 744 hours for Decemeber, producing a gross generation of 787,137 MWHrs

# OPERATING DATA REPORT

DOCKET: 286  
 UNIT\_NME: Indian Point Unit 3  
 RPT\_PERIOD: 201610

PREPARER NAME: Justin Sledzinski  
 PREPARER TELEPHONE: 9142547644

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	744.00	7,319.00	260,867.78
4. Number of Hours Generator On-line	744.00	7,319.00	257,388.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	772,260.00	7,552,260.00	244,653,661.00

## 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** Indian Point 3 was synchronized to the grid for a total of 744 hours, producing a gross generation of 798419 MWHrs. The unit operated at full power for the entire month.  
 MONTHLY PLANNED LOSSES were due to Condenser Backwashes and the replacement of 33 CWP Motor diode wheel.  
 MONTHLY UNPLANNED LOSSES: None.  
 YEAR TO DATE PLANNED LOSSES were due to Condenser Backwashes and FIT-111 Calibration Testing, the Stop and Control Valve Testing and the 34 CWP replacement and the 33 CWP Motor diode wheel replacement.

# OPERATING DATA REPORT

DOCKET: 286  
UNIT\_NME: Indian Point Unit 3  
RPT\_PERIOD: 201611

PREPARER NAME: Justin Sledzinski  
PREPARER TELEPHONE: 914-254-7644

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	721.00	8,040.00	261,588.78
4. Number of Hours Generator On-line	721.00	8,040.00	258,109.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	746,478.00	8,298,738.00	245,400,139.00

## 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 Indian Point 3 was synchronized to the grid for a total of 721 hours, producing a gross generation of 798,419 MWhrs. The unit remained at full power for the entire month. Unplanned forced losses less than 10 days were due to 35 CWP trouble shooting after motor tripped on the normal and standby drive.



# OPERATING DATA REPORT

DOCKET: 286  
UNIT\_NME: Indian Point Unit 3  
RPT\_PERIOD: 201612

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	8,784.00	262,332.78
4. Number of Hours Generator On-line	744.00	8,784.00	258,853.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	770,460.00	9,069,198.00	246,170,599.00

## 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 3 was synchronized to the grid for a total of 744 hours during December, producing a gross generation of 796,014 MWHrs.

# OPERATING DATA REPORT

DOCKET: 373  
UNIT\_NME: LaSalle Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: Adam Pflugshaupt  
PREPARER TELEPHONE: 815-415-3861

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	6,620.68	232,002.41
4. Number of Hours Generator On-line	744.00	6,554.33	229,260.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	863,916.00	7,339,815.00	244,551,780.00

## 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 operated at or near full power for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 373  
 UNIT\_NME: LaSalle Unit 1  
 RPT\_PERIOD: 201611

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	7,341.68	232,723.41
4. Number of Hours Generator On-line	721.00	7,275.33	229,981.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	842,465.00	8,182,280.00	245,394,245.00

## UNIT SHUTDOWNS

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

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: 201612

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	8,085.68	233,467.41
4. Number of Hours Generator On-line	744.00	8,019.33	230,725.50
5. Reserve Shutdown Hours	0.00	0.00	1.00
6. Net Electrical energy Generated (MWHrs)	871,814.00	9,054,094.00	246,266,059.00

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 1 had an unplanned downpower to approximately 965 MWe on December 2nd, 2016 due to a Control Valve #2 indication failure. Unit 1 had a planned downpower to approximately 900 MWe on December 17th, 2016 due to a Sequence Exchange. Unit 1 had an unplanned downpower to approximately 970 MWe on December 31st, 2016 due to a 1A TDRFP speed control repair. Unit 1 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Adam Pflugshaupt  
 PREPARER TELEPHONE: 815-415-3861

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	7,319.00	224,019.21
4. Number of Hours Generator On-line	744.00	7,319.00	222,553.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	863,188.00	8,378,240.00	239,062,024.00

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 2 had a downpower to approximately 1160 MWe on October 5th, 2016 due to a loss of position indication on control rod 32-47. Unit 2 also had a downpower to approximately 1030 MWe on October 29th, 2016 due to a planned sequence exchange. Unit 2 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 374  
 UNIT\_NME: LaSalle Unit 2  
 RPT\_PERIOD: 201611

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	8,040.00	224,740.21
4. Number of Hours Generator On-line	721.00	8,040.00	223,274.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,833.00	9,220,073.00	239,903,857.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 had a downpower to approximately 1170 MWe on November 5th, 2016 due to a loss of position indication on control rod 32-47. Unit 2 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 374  
UNIT\_NME: LaSalle Unit 2  
RPT\_PERIOD: 201612

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	8,784.00	225,484.21
4. Number of Hours Generator On-line	744.00	8,784.00	224,018.59
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	870,701.00	10,090,774.00	240,774,558.00

## 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 had a planned downpower to approximately 920 MWe on December 10th, 2016 due to a Sequence Exchange. Unit 2 operated at or near full power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201610

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	6,699.50	246,435.01
4. Number of Hours Generator On-line	744.00	6,667.50	243,812.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	865,608.00	7,572,324.00	264,140,294.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 began the month of October 2016 at 100.0% of rated thermal power (RTP).

Unit 1 did not have any derates during the month of October

Unit 1 ended the month of October 2016 at 100.0% RTP.



# OPERATING DATA REPORT

DOCKET: 352  
UNIT\_NME: Limerick Unit 1  
RPT\_PERIOD: 201611

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	7,420.50	247,156.01
4. Number of Hours Generator On-line	721.00	7,388.50	244,533.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,043.00	8,418,367.00	264,986,337.50

## 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 November 2016 at 100.0% of rated thermal power (RTP).

Unit 1 did not have any derates during the month of November.

Unit 1 ended the month of November 2016 at 99.9% RTP.

# OPERATING DATA REPORT

DOCKET: 352  
 UNIT\_NME: Limerick Unit 1  
 RPT\_PERIOD: 201612

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	8,164.50	247,900.01
4. Number of Hours Generator On-line	744.00	8,132.50	245,277.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	876,222.00	9,294,589.00	265,862,559.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 began the month of December 2016 at 99.9% of rated thermal power (RTP).

On December 17th at 21:00 hours, reactor power was reduced from 99.7% to 89.8% RTP due to a planned load drop for main turbine valve testing and control rod scram time testing.

On December 18th at 05:17 hours, Reactor power was restored to 99.5% RTP.

Unit 1 ended the month of December 2016 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201610

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	7,291.03	222,556.35
4. Number of Hours Generator On-line	744.00	7,279.13	220,033.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	866,243.00	8,418,076.00	243,489,594.50

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month of October 2016 at 99.9% of rated thermal power (RTP).

On October 22nd at 22:01 hours, reactor power was reduced from 99.9% to 80.1% RTP due to a planned load drop for control rod pattern adjustment.

On October 23rd at 04:41 hours, Reactor power was restored to 99.6% RTP.

Unit 2 ended the month of October 2016 at 99.9% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
UNIT\_NME: Limerick Unit 2  
RPT\_PERIOD: 201611

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	8,012.03	223,277.35
4. Number of Hours Generator On-line	721.00	8,000.13	220,754.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	848,057.00	9,266,133.00	244,337,651.50

## 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 2016 at 99.9% of rated thermal power (RTP).

Unit 2 did not have any derates during the month of November.

Unit 2 ended the month of November 2016 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 353  
 UNIT\_NME: Limerick Unit 2  
 RPT\_PERIOD: 201612

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	8,756.03	224,021.35
4. Number of Hours Generator On-line	744.00	8,744.13	221,498.24
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	878,783.00	10,144,916.00	245,216,434.50

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 2 began the month of December 2016 at 100.0% of rated thermal power (RTP).

On December 6th at 22:01 hours, reactor power was reduced from 99.9% to 95.0% RTP due to a planned load drop for control rod pattern adjustment. Reactor power was restored to 99.7% RTP at 23:21 hours.

On December 7th at 07:11 hours, reactor power was reduced from 99.8% to 99.2% RTP due to an unplanned load drop due to moisture carry over concerns. Reactor power was restored to 100.0% RTP at 13:05 hours.

On December 17th at 00:03 hours, reactor power was reduced from 99.9% to 76.7% RTP due to a planned load drop for control rod scram time testing. Reactor power was restored to 99.5% RTP at 14:29 hours.

On December 30th at 22:02 hours, reactor power was reduced from 99.9% to 84.7% RTP due to a planned load drop for control rod pattern adjustment. Reactor power was restored to 99.5% RTP at 23:30 hours.

Unit 2 ended the month of December 2016 at 100.0% RTP.

# OPERATING DATA REPORT

DOCKET: 369  
 UNIT\_NME: McGuire Unit 1  
 RPT\_PERIOD: 201610

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	6,637.75	253,922.36
4. Number of Hours Generator On-line	744.00	6,619.73	252,258.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	874,330.00	7,774,018.00	277,024,829.00

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 1 began the month of October in Mode 1 at 100% RTP. Unit 1 commenced load reduction to 98.5% RTP at 2000 on 10/1/16 to isolate 1HW-16 for planned repair work during the upcoming Turbine Valve Movement Test (TVMT). Once isolated, the unit continued down to 87% RTP for the planned TVMT which occurred at 0253 on 10/2/16. The TVMT was completed at 1006 and the unit commenced load increase to 100% RTP. Unit 1 reached 100% RTP at 2200 on 10/2/16 after a three hour hold for inspections on 1HW-16 at ~98% RTP.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201611

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	7,358.75	254,643.36
4. Number of Hours Generator On-line	721.00	7,340.73	252,979.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,785.00	8,629,803.00	277,880,614.00

## 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 2016.

# OPERATING DATA REPORT

DOCKET: 369  
UNIT\_NME: McGuire Unit 1  
RPT\_PERIOD: 201612

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	8,102.75	255,387.36
4. Number of Hours Generator On-line	744.00	8,084.73	253,723.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	886,080.00	9,515,883.00	278,766,694.00

## 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 the month of December, 2016.



# OPERATING DATA REPORT

DOCKET: 370  
 UNIT\_NME: McGuire Unit 2  
 RPT\_PERIOD: 201610

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	7,319.00	247,867.14
4. Number of Hours Generator On-line	744.00	7,319.00	246,174.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	876,480.00	8,623,503.00	276,193,785.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month of October in Mode 1 at 100% RTP. Unit 2 commenced load reduction to approximately 87% RTP for a planned Turbine Valve Movement Test (TVMT) at 20:01 on 10/22/2016. Unit 2 TVMT was completed and commenced load increase to 100% RTP at 02:50 on 10/23/2016. Unit 2 reached 100% RTP at 12:00 on 10/23/2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201611

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	8,040.00	248,588.14
4. Number of Hours Generator On-line	721.00	8,040.00	246,895.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,439.00	9,480,942.00	277,051,224.00

## 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 approximately 100% for November 2016.

# OPERATING DATA REPORT

DOCKET: 370  
UNIT\_NME: McGuire Unit 2  
RPT\_PERIOD: 201612

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	8,784.00	249,332.14
4. Number of Hours Generator On-line	744.00	8,784.00	247,639.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	887,464.00	10,368,406.00	277,938,688.00

## 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 approximately 100% for December 2016.

# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: S.Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

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	7,279.17	260,843.92
4. Number of Hours Generator On-line	744.00	7,259.78	254,635.39
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	636,610.30	6,212,962.60	213,880,581.90

## UNIT SHUTDOWNS

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

SUMMARY Millstone Unit 2 operated at or near 100% power throughout the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 336  
 UNIT\_NME: Millstone Unit 2  
 RPT\_PERIOD: 201611

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

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	8,000.17	261,564.92
4. Number of Hours Generator On-line	721.00	7,980.78	255,356.39
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	617,742.10	6,830,704.70	214,498,324.00

## UNIT SHUTDOWNS

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

SUMMARY Millstone Unit 2 operated at or near 100% power from the beginning of the month until November 19, 2016. On November 19, 2016 at 0706 hours, the unit commenced a down power to 93% power to conduct routine Main Turbine Valve Testing. On November 19, 2016 at 0856 hours, the unit commenced Main Turbine Valve Testing. On November 19, 2016 at 1014, the unit commenced a return to full power, reaching 100% power on November 19, 2016 at 1245 hours. Millstone Unit 2 operated at or near 100% power for the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 336  
UNIT\_NME: Millstone Unit 2  
RPT\_PERIOD: 201612

PREPARER NAME: Russell Benson  
PREPARER TELEPHONE: (860) 447-1791 x5196

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	8,744.17	262,308.92
4. Number of Hours Generator On-line	744.00	8,724.78	256,100.39
5. Reserve Shutdown Hours	0.00	0.00	468.20
6. Net Electrical energy Generated (MWHrs)	639,183.70	7,469,888.40	215,137,507.70

## 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 Millstone Unit 2 operated at or near 100% power throughout the month of December 2016.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201610

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

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	744.00	6,153.71	214,261.99
4. Number of Hours Generator On-line	744.00	6,073.99	212,021.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	909,069.10	7,333,743.20	242,136,583.14

## 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** Millstone Unit 3 operated at or near 100% power from the beginning of the month until October 25, 2016. On October 25, 2016 at 2200 hours, the unit commenced a down power to 93% to conduct feedwater flow oscillation troubleshooting and repairs on feedwater heater components. The unit reached 93% power on October 25, 2016 at 2355. Upon repair of feedwater heater level control and isolation valves, the unit commenced power increase to 95% on October 27, 2016 at 0151 to perform previously scheduled Main Turbine valve testing. On October 27, 2016 at 0308, the unit commenced Main Turbine valve testing. On October 27, 2016 at 0457, the unit commenced a return to full power, reaching 100% power on October 27, 2016 at 0947 hours. Millstone Unit 3 operated at or near 100% power for the remainder of October 2016.

# OPERATING DATA REPORT

DOCKET: 423  
 UNIT\_NME: Millstone Unit 3  
 RPT\_PERIOD: 201611

PREPARER NAME: S. Claffey  
 PREPARER TELEPHONE: 860-447-1791 x2456

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	721.00	6,874.71	214,982.99
4. Number of Hours Generator On-line	721.00	6,794.99	212,742.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	888,324.90	8,222,068.10	243,024,908.04

## 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 3 operated at or near 100% power throughout the month of November 2016.



# OPERATING DATA REPORT

DOCKET: 423  
UNIT\_NME: Millstone Unit 3  
RPT\_PERIOD: 201612

PREPARER NAME: Russell Benson  
PREPARER TELEPHONE: (860) 447-1791 x5196

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	7,618.71	215,726.99
4. Number of Hours Generator On-line	744.00	7,538.99	213,486.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	918,254.10	9,140,322.20	243,943,162.14

## 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 3 operated at or near 100% power throughout the month of December 2016.

# OPERATING DATA REPORT

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201610

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	7,319.00	337,681.92
4. Number of Hours Generator On-line	744.00	7,319.00	333,277.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	459,478.00	4,626,961.00	178,112,450.30

## UNIT SHUTDOWNS

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

**SUMMARY** Power ascension which started the previous month was completed on 10/2/16. Power was lowered again to 58% on 10/9/16 to remove 11 Reactor Feed Pump from service for repairs, with full power restored on 10/15/16. A minor rod pattern adjustment was performed on 10/19/16.

# OPERATING DATA REPORT

DOCKET: 263  
 UNIT\_NME: Monticello Unit 1  
 RPT\_PERIOD: 201611

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	8,040.00	338,402.92
4. Number of Hours Generator On-line	721.00	8,040.00	333,998.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	478,102.00	5,105,063.00	178,590,552.30

## UNIT SHUTDOWNS

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

SUMMARY There was one planned downpower to 97.5% power on 11/2/16 for a rod pattern adjustment.

# OPERATING DATA REPORT

DOCKET: 263  
UNIT\_NME: Monticello Unit 1  
RPT\_PERIOD: 201612

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	8,784.00	339,146.92
4. Number of Hours Generator On-line	744.00	8,784.00	334,742.12
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	492,695.00	5,597,758.00	179,083,247.30

## UNIT SHUTDOWNS

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

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

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201610

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	7,319.00	319,286.05
4. Number of Hours Generator On-line	744.00	7,319.00	314,064.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	456,456.76	4,484,361.15	180,624,044.52

## UNIT SHUTDOWNS

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

SUMMARY Exempt Losses (360 MWh total):

Feedwater Tech specification surveillance testing - 43 MWh.  
 Load Line Adjustments - 317 MWh.

# OPERATING DATA REPORT

DOCKET: 220  
UNIT\_NME: Nine Mile Point Unit 1  
RPT\_PERIOD: 201611

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	721.00	8,040.00	320,007.05
4. Number of Hours Generator On-line	721.00	8,040.00	314,785.93
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	445,646.75	4,930,007.90	181,069,691.27

## UNIT SHUTDOWNS

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

SUMMARY Exempt Losses (329 MWh total):  
Rodline Adjustments - 329 MWh.

# OPERATING DATA REPORT

DOCKET: 220  
 UNIT\_NME: Nine Mile Point Unit 1  
 RPT\_PERIOD: 201612

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	690.62	8,730.62	320,697.67
4. Number of Hours Generator On-line	680.93	8,720.93	315,466.86
5. Reserve Shutdown Hours	0.00	0.00	20.40
6. Net Electrical energy Generated (MWHrs)	412,970.47	5,342,978.37	181,482,661.74

## 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	
N1F16 01	12/10/2016	F	S	63.07	A	2		Unit 1 Turbine Vibrations - IR 03951525

SUMMARY Exempt Losses (19 MWh total):

Rodline Adjustment - 19 MWh.

Significant Unplanned Energy Loss (46,846 MWh):

Forced Outage, N1F1601, Unit 1 Turbine Vibrations - IR 03951525 - 46,846 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201610

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	6,752.98	216,863.73
4. Number of Hours Generator On-line	744.00	6,716.69	213,315.22
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	954,279.99	8,593,364.79	237,419,065.67

## UNIT SHUTDOWNS

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

SUMMARY Exempt Losses (466 MWh total):

SCRAM Time Testing - 17 MWh.  
 Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 449 MWh.



# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201611

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	568.67	7,321.65	217,432.40
4. Number of Hours Generator On-line	566.62	7,283.31	213,881.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	704,715.85	9,298,080.64	238,123,781.52

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N2F16 01	11/24/2016	F	154.38	A	1	Forced Outage, N2F1601, Reactor Recirculation A Motor Repair (IR 03944724).

SUMMARY Exempt Losses (415 MWh total):

Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 415 MWh.

Significant Unplanned Energy Loss (240,301 MWh):

Reactor Recirculation A Motor High Vibration - Manual Trip (IR 03944724) - 29923 MWh.

Forced Outage, N2F1601, Reactor Recirculation A Motor Repair (IR 03944724) - 210,378 MWh.

# OPERATING DATA REPORT

DOCKET: 410  
 UNIT\_NME: Nine Mile Point Unit 2  
 RPT\_PERIOD: 201612

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	658.18	7,979.83	218,090.58
4. Number of Hours Generator On-line	652.35	7,935.66	214,534.19
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	825,025.81	10,123,106.45	238,948,807.33

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N2F16 01	11/24/2016	F	91.65	A	4	Forced Outage, N2F1601, Reactor Recirculation A Motor Repair (IR 03944724).

SUMMARY Exempt Losses (305 MWh total):

Expected Thermal Loss - 6th Point Feedwater Heater partition plate leakage - 305 MWh.

Significant Unplanned Energy Loss (148,121 MWh):

Forced Outage, N2F1601, Reactor Recirculation A Motor Repair (IR 03944724) including startup - 148,121 MWh.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201610

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	382.45	6,477.05	284,941.43
4. Number of Hours Generator On-line	365.65	6,459.67	281,126.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	314,321.10	6,196,584.76	248,794,045.21

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
N1- 2016- 001	9/10/2016	S	378.35	C	4	Scheduled refueling outage

SUMMARY Began the Month defueled.

At 0133 on 10-16-16, reactor is critical. At 1821 on 10-16-16 unit placed on line. At 0700 on 10-26-16, 99% power, 1022 MWe.

Ended the Month @ 100% Power, 1024 MWe.

Note: Unit held from 10/18/16 @ 2139 to 10/21/16 @ 2139 @ 81% power due to 1-SD-P-1A and 1-CN-P-1C unavailable. (9672 MW Unplanned energy loss forced). Exempt energy loss 32,701 ramping unit up after scheduled refueling outage.

# OPERATING DATA REPORT

DOCKET: 338  
UNIT\_NME: North Anna Unit 1  
RPT\_PERIOD: 201611

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	7,198.05	285,662.43
4. Number of Hours Generator On-line	721.00	7,180.67	281,847.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	705,856.79	6,902,441.55	249,499,902.00

## 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 Began the Month @ 100% Power, 1024 MWe. Ended the Month @ 100% Power, 1030 MWe.

# OPERATING DATA REPORT

DOCKET: 338  
 UNIT\_NME: North Anna Unit 1  
 RPT\_PERIOD: 201612

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	7,942.05	286,406.43
4. Number of Hours Generator On-line	744.00	7,924.67	282,591.00
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	726,960.59	7,629,402.14	250,226,862.59

## 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, 1030 MWe. Ended the Month @ 100% Power, 1031 MWe.

Note: Unplanned Energy Loss due to 1-SD-P-1A Packing issues on 12-7-16 (386 MWe) and 12-19-17 (899 MWe) for a total of 1285 MWe.

# OPERATING DATA REPORT

DOCKET: 339  
UNIT\_NME: North Anna Unit 2  
RPT\_PERIOD: 201610

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	744.00	6,398.95	272,950.59
4. Number of Hours Generator On-line	744.00	6,369.70	271,085.19
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	723,008.11	6,059,727.21	241,856,139.06

## UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1018 MWe. Ended the Month @ 100% Power, 1027 MWe.

# OPERATING DATA REPORT

DOCKET: 339  
 UNIT\_NME: North Anna Unit 2  
 RPT\_PERIOD: 201611

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	7,119.95	273,671.59
4. Number of Hours Generator On-line	721.00	7,090.70	271,806.19
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	705,030.68	6,764,757.89	242,561,169.74

## UNIT SHUTDOWNS

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

SUMMARY Began the Month @ 100% Power, 1027 MWe. Ended the Month @ 100% Power, 1029 MWe.

# OPERATING DATA REPORT

DOCKET: 339  
UNIT\_NME: North Anna Unit 2  
RPT\_PERIOD: 201612

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	744.00	7,863.95	274,415.59
4. Number of Hours Generator On-line	744.00	7,834.70	272,550.19
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	727,215.90	7,491,973.79	243,288,385.64

## 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, 1029 MWe. Ended the Month @ 100% Power, 1029 MWe.



# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: Thomas Hunter  
PREPARER TELEPHONE: Thomas Hunter

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	6,784.07	312,498.33
4. Number of Hours Generator On-line	744.00	6,743.38	308,340.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	621,751.00	5,693,319.00	254,749,376.00

## 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, 2016.

Unit One was at 100% FP at the end of October, 2016.

# OPERATING DATA REPORT

DOCKET: 269  
UNIT\_NME: Oconee Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: Thomas 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	202.52	6,986.59	312,700.85
4. Number of Hours Generator On-line	182.37	6,925.75	308,522.46
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	139,894.00	5,833,213.00	254,889,270.00

### UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2		Cause - Corrective Action Comments
		F: Forced	S: Scheduled					
3	11/4/2016	S		537.63	C	1	none	

SUMMARY Unit One was at 100% Full Power (FP) at the beginning of November, 2016.

11/04/1619:00 Began power decrease from 100% FP to ~20% FP for Unit 1 End of Cycle 29 shutdown for refueling outage.

11/04/1621:45 Completed power decrease to ~19% FP.

11/04/1622:06 Unit 1 Main Turbine Generator offline to start the Unit 1 End of Cycle 29 refueling outage.

11/04/1622:34 Began power decrease from ~19% FP to 7% FP.

11/04/1622:40 Stopped power decrease at 16.5% FP due to 1 Feedwater-44 (1FDW-44, 1B Feedwater Startup Control Valve) failed closed.

11/05/1602:20 Repairs to 1FDW-44 valve complete.

11/05/1602:25 Resumed power decrease from 16.5% FP to 7% FP.

11/05/1602:48 Completed power decrease to 7% FP.

11/05/1602:52 Began power decrease from 7% FP to 3% FP.

11/05/1603:08 Unit 1 reactor manually tripped.

11/26/1616:37 Unit 1 reactor critical.

11/27/1603:00 Began reactor startup to ~15% FP.

11/27/1604:13 Completed power increase to ~15% FP.

11/27/1604:30 Began power increase from ~15% FP to ~19% FP.

11/27/1605:00 Completed power increase to ~19% FP.

11/27/1607:44 Unit 1 Main Turbine Generator online to end the Unit 1 End of Cycle 29 refueling outage.

11/27/1608:21 Began power increase from ~19% FP to 25% FP.

11/27/1608:49 Completed power increase to 25% FP.

11/27/1609:58 Reactor power at 25% FP to perform a Nuclear Instrument calibration.

11/27/1613:48 Began power increase from 25% FP to 49% FP following completion of Nuclear Instrument calibration.

11/27/1615:44 Completed power increase to 49% FP.

11/27/1615:48 Began power increase from 49% FP to 73% FP.

11/27/1620:50 Completed power increase to 73% FP to perform Nuclear Instrument calibration and Power Imbalance Detector Correlation Testing.

11/28/1601:55 Began power increase from 73% FP to 90% FP.

11/28/1605:30 Completed power increase to 90% FP.

11/28/1606:00 Began power increase from 90% FP to 99.5% FP.

# OPERATING DATA REPORT

DOCKET: 269  
 UNIT\_NME: Oconee Unit 1  
 RPT\_PERIOD: 201612

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	744.00	7,730.59	313,444.85
4. Number of Hours Generator On-line	744.00	7,669.75	309,266.46
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	638,848.00	6,472,061.00	255,528,118.00

## 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 One was at 100% Full Power (FP) at the beginning of December, 2016.

12/03/1608:17 Began power decrease from 100% FP to 91% FP due to 1D1 Hotwell Drain Pump tripping on emergency low level.

12/03/1608:25 Paused power decrease at ~98% FP to place 1B Feedwater Pump in hand.

12/03/1608:32 Resumed power decrease to 91% FP.

12/03/1609:07 Completed power decrease to 91% FP.

12/04/1619:24 Began power increase from 91% FP to 100% FP after 1D1 Hotwell Drain Pump restart.

12/04/1621:13 Completed power increase to 100% FP.

Unit One was at 100% FP at the end of December, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: Thomas Hunter

- 1. Design Electrical Rating: 872
- 2. Maximum Dependable Capacity (MWe-Net) 848

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	7,319.00	313,826.14
4. Number of Hours Generator On-line	744.00	7,319.00	310,629.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	636,941.00	6,338,617.00	257,157,252.00

## 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 Two was at 100% Full Power (FP) at the beginning of October, 2016.

10/01/1612:34Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

10/01/1612:57Completed power decrease to 96% FP.

10/01/1616:35Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

10/01/1617:11Completed power increase to 99.5% FP.

10/01/1617:24Began power increase from 99.5% FP to 100% FP.

10/01/1617:30Completed power increase to 100% FP.

Unit Two was at 100% FP at the end of October, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201611

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 864-873-3986

1. Design Electrical Rating: 872  
 2. Maximum Dependable Capacity (MWe-Net) 848

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	8,040.00	314,547.14
4. Number of Hours Generator On-line	721.00	8,040.00	311,350.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	622,847.00	6,961,464.00	257,780,099.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Two was at 100% Full Power (FP) at the beginning of November, 2016.

Unit Two was at 100% FP at the end of November, 2016.

# OPERATING DATA REPORT

DOCKET: 270  
 UNIT\_NME: Oconee Unit 2  
 RPT\_PERIOD: 201612

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: 8648733986

1. Design Electrical Rating: 872  
 2. Maximum Dependable Capacity (MWe-Net) 848

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	8,784.00	315,291.14
4. Number of Hours Generator On-line	744.00	8,784.00	312,094.57
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	648,363.00	7,609,827.00	258,428,462.00

## 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, 2016.

12/09/1612:00 Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

12/09/1612:30 Completed power decrease to 96% FP.

12/09/1614:04 Began power increase from 96% FP to 100% FP following completion of Turbine Valve Movement Periodic Test.

12/09/1615:00 Completed power increase to 100% FP.

Unit Two was at 100% FP at the end of December, 2016.

# OPERATING DATA REPORT

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201610

PREPARER NAME: Thomas Hunter  
 PREPARER TELEPHONE: Thomas Hunter

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	6,774.34	306,602.88
4. Number of Hours Generator On-line	744.00	6,750.95	303,298.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	641,037.00	5,814,743.00	254,576,491.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of October, 2016.

10/31/1617:10 Operator Aid Computer (OAC) alarm received due to a failed gateway hard drive. Loss of this computer signal resulted in an automatic power reduction of ~0.75% FP. Power decreased from 100% FP to ~99.25% FP.

10/31/1619:22 OAC gateway hard drive replaced. Power increased from ~99.25% FP to 100% FP.

Unit Three was at 100% FP at the end of October, 2016.



# OPERATING DATA REPORT

DOCKET: 287  
 UNIT\_NME: Oconee Unit 3  
 RPT\_PERIOD: 201611

PREPARER NAME: Thomas 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	721.00	7,495.34	307,323.88
4. Number of Hours Generator On-line	721.00	7,471.95	304,019.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	628,026.00	6,442,769.00	255,204,517.00

## UNIT SHUTDOWNS

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

SUMMARY Unit Three was at 100% Full Power (FP) at the beginning of November, 2016.

11/11/1612:35Began power decrease from 100% FP to 96% FP in order to perform Turbine Valve Movement Periodic Test.

11/11/1612:56Completed power decrease to 96% FP.

11/11/1614:43Began power increase from 96% FP to 99.5% FP following completion of Turbine Valve Movement Periodic Test.

11/11/1615:18Completed power increase to 99.5% FP.

11/11/1615:35Began power increase from 99.5% FP to 100% FP.

11/11/1615:40Completed power increase to 100% FP.

Unit Three was at 100% FP at the end of November, 2016.

# OPERATING DATA REPORT

DOCKET: 287  
UNIT\_NME: Oconee Unit 3  
RPT\_PERIOD: 201612

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	744.00	8,239.34	308,067.88
4. Number of Hours Generator On-line	744.00	8,215.95	304,763.74
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,454.00	7,095,223.00	255,856,971.00

## 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 December, 2016.

Unit Three was at 100% FP at the end of December, 2016.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: C. Lefler  
 PREPARER TELEPHONE: 609-971-2158

1. Design Electrical Rating: 650  
 2. Maximum Dependable Capacity (MWe-Net) 619

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	479.60	6,411.49	323,618.43
4. Number of Hours Generator On-line	450.62	6,314.95	318,186.45
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWhrs)	274,148.00	3,861,731.00	185,690,858.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1R26	9/19/2016		S	293.38	C	4	1R26 Refuel Outage

SUMMARY The unplanned energy loss for October was 0 MWhrs.

- The planned and refuel energy losses are as follows:
1. 83,608 MWhrs Planned for 1R26, startup, and the follow-up load drop
  2. 190,196 MWhrs Refuel Outage losses total for 1R26
  3. 114,796 MWhrs for Outage Extension losses for 1R26
  4. 8,208 MWhrs Exempt for startup from 1R26 and the follow-up load drop

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: C. Lefler  
 PREPARER TELEPHONE: 609-971-2158

1. Design Electrical Rating: 650  
 2. Maximum Dependable Capacity (MWe-Net) 619

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	643.92	7,055.41	324,262.35
4. Number of Hours Generator On-line	626.37	6,941.32	318,812.82
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWhrs)	376,621.00	4,238,352.00	186,067,479.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1F39	11/20/2016	F		94.63	A	3	Reactor Scram on High Flux due to Turbine Control Oscillations IR 3943014

**SUMMARY** The planned and exempt energy loss for November was 3,770 MWhrs for rod pattern adjustment and turbine control valve testing.

- The unplanned energy losses for November were 78,857 MWhrs for the following:
1. 64,625 MWhrs for OC1F39 Forced Outage and subsequent ramp-up to 85% power.
  2. 14,232 MWhrs for reduced power (85%) due to turbine oscillations.

# OPERATING DATA REPORT

DOCKET: 219  
 UNIT\_NME: Oyster Creek Unit 1  
 RPT\_PERIOD: 201612

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	632.25	7,687.66	324,894.60
4. Number of Hours Generator On-line	610.65	7,551.97	319,423.47
5. Reserve Shutdown Hours	0.00	0.00	918.20
6. Net Electrical energy Generated (MWhrs)	346,851.00	4,585,203.00	186,414,330.40

## 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	
1M40	12/13/2016		S	133.35	B	1		1M40 Maintenance Outage

**SUMMARY** The exempt energy loss for December was 276 MWhrs for rod pattern adjustment.

- The unplanned energy losses for December were 124,209 MWhrs for the following:
1. 25,743.6 MWhrs for reduced power (85%) due to turbine oscillations (IR 3945099).
  2. 4,804.5 MWhrs for ramp down to OC1M40.
  3. 86,666.7 MWhrs for OC1M40 Maintenance Outage.
  4. 6,717.6 MWhrs for ramp up after OC1M40.
  5. 276.2 MWhrs for rod pattern adjustment

The End of Year (EOY) Online Reliability Loss Factor is 9.16% which is unfavorably above the goal of 0.50% (IR02664708).

# OPERATING DATA REPORT

DOCKET: 255  
UNIT\_NME: Palisades Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: E Edwards  
PREPARER TELEPHONE: 269-764-2086

1. Design Electrical Rating: 805  
2. Maximum Dependable Capacity (MWe-Net) 777

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	7,319.00	278,103.97
4. Number of Hours Generator On-line	744.00	7,319.00	271,879.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	595,017.22	5,855,517.00	197,023,122.49

## 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 during the month of October, 2016.

# OPERATING DATA REPORT

DOCKET: 255  
UNIT\_NME: Palisades Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: Daniel Clemens  
PREPARER TELEPHONE: 269-764-2707

1. Design Electrical Rating: 805  
2. Maximum Dependable Capacity (MWe-Net) 777

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	721.00	8,040.00	278,824.97
4. Number of Hours Generator On-line	721.00	8,040.00	272,600.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	580,097.54	6,435,614.54	197,603,220.03

## 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 during the month of November, 2016.

# OPERATING DATA REPORT

DOCKET: 255  
UNIT\_NME: Palisades Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: RLevack  
PREPARER TELEPHONE: 269-764-2068

1. Design Electrical Rating: 805  
2. Maximum Dependable Capacity (MWe-Net) 777

	<b>This Month</b>	<b>Yr-to-Date</b>	<b>Cumulative</b>
3. Number of Hours the Reactor was Critical	744.00	8,784.00	279,568.97
4. Number of Hours Generator On-line	744.00	8,784.00	273,344.70
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	605,673.79	7,041,288.33	198,208,893.82

## 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 Palisades operated at full power for the month of December 2016.



# OPERATING DATA REPORT

DOCKET: 528  
 UNIT\_NME: Palo Verde Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

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	6,374.62	220,359.13
4. Number of Hours Generator On-line	744.00	6,298.82	218,145.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	985,275.51	8,121,338.12	268,825,724.12

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 528  
UNIT\_NME: Palo Verde Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

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	720.00	7,094.62	221,079.13
4. Number of Hours Generator On-line	720.00	7,018.82	218,865.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	956,922.16	9,078,260.28	269,782,646.28

## UNIT SHUTDOWNS

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

SUMMARY The unit began the month and ended the month in Mode 1 with the reactor at full power.

# OPERATING DATA REPORT

DOCKET: 528  
UNIT\_NME: Palo Verde Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

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	7,838.62	221,823.13
4. Number of Hours Generator On-line	744.00	7,762.82	219,609.67
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	990,479.38	10,068,739.66	270,773,125.66

## 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: 529  
 UNIT\_NME: Palo Verde Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

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	7,320.00	222,812.76
4. Number of Hours Generator On-line	744.00	7,320.00	220,789.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	989,245.15	9,738,956.36	278,588,084.86

## UNIT SHUTDOWNS

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

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: 201611

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

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	8,040.00	223,532.76
4. Number of Hours Generator On-line	720.00	8,040.00	221,509.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	961,755.77	10,700,712.13	279,549,840.63

## 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: 529  
UNIT\_NME: Palo Verde Unit 2  
RPT\_PERIOD: 201612

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

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	8,784.00	224,276.76
4. Number of Hours Generator On-line	744.00	8,784.00	222,253.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	996,238.63	11,696,950.76	280,546,079.26

## 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: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201610

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating: 1334  
 2. Maximum Dependable Capacity (MWe-Net) 1312

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	168.00	6,678.03	217,204.08
4. Number of Hours Generator On-line	168.00	6,659.53	215,369.66
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	208,477.64	8,746,201.77	269,211,090.76

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down		Cause - Corrective Action Comments
		F: Forced	S: Scheduled			1	2	
16-02	10/8/2016		S	576.00	C	1		Manually tripped the RX to commence 19th refueling outage.

**SUMMARY** The unit began the month in Mode 1 with the reactor at full power. On October 2nd at 1734 the unit began a planned RX power end of cycle coastdown. On October 7th at 2000 the unit began a planned RX power decrease to shutdown the RX for refueling. The reactor was manually tripped from 20% on October 8th at 0000 and entered Mode 3 to commence the R19 outage. The unit entered Mode 4 and Mode 5 on October 8th. The unit entered Mode 6 on October 12th. The unit entered a defueled condition on October 16th. The unit began fuel reload and entered Mode 6 on October 24th and Mode 5 on October 27th. The unit ended the month in Mode 5 with the R19 in progress.

# OPERATING DATA REPORT

DOCKET: 530  
 UNIT\_NME: Palo Verde Unit 3  
 RPT\_PERIOD: 201611

PREPARER NAME: Pete McSparran  
 PREPARER TELEPHONE: 623-393-6224

1. Design Electrical Rating: 1334  
 2. Maximum Dependable Capacity (MWe-Net) 1312

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	626.45	7,304.48	217,830.53
4. Number of Hours Generator On-line	597.48	7,257.01	215,967.14
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	741,900.48	9,488,102.25	269,952,991.24

## 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	
16-02	10/8/2016		S	122.52	C	4		Manually tripped the RX to commence 19th refueling outage.

**SUMMARY** The unit began the month in Mode 5 with R19 refueling outage in progress. The unit entered Mode 4 and Mode 3 on November 1st. The unit entered Mode 2 on November 4th and went critical at 2133. Mode 1 was reached on November 5th and the unit was synchronized to the grid at 1737 the same day in preparation for planned overspeed testing. The turbine was taken off-line on November 6th at 0000 for the test. Testing was completed successfully and the unit was re-synchronized to the grid at 0231. Completed power ascension for 3R19 to full power on November 8th at 1557. The unit ended the month in Mode 1 with the reactor power at full power.



# OPERATING DATA REPORT

DOCKET: 530  
UNIT\_NME: Palo Verde Unit 3  
RPT\_PERIOD: 201612

PREPARER NAME: Pete McSparran  
PREPARER TELEPHONE: 623-393-6224

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	8,048.48	218,574.53
4. Number of Hours Generator On-line	744.00	8,001.01	216,711.14
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	989,324.20	10,477,426.45	270,942,315.44

## 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: 201610

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	553.35	7,128.35	297,374.04
4. Number of Hours Generator On-line	552.08	7,104.30	292,524.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	627,338.30	8,899,222.90	305,476,258.80

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
P2R21	10/24/2016		S	191.92	C	1	<p>On October 23, 2016 at 01:08, Unit 2 commenced a planned ramp down to P2R21 Refueling Outage. Turbine Trip/Generator Breaker open on 10/24/16 at 00:05. Reactor entered Mode 3 Hot Shutdown on 10/24/16 at 01:21.</p> <p>On November 10, 2016 at 04:18, Unit 2 Reactor achieved criticality following P2R21 Refueling Outage. The main generator was synchronized to the Grid on 11/11/16 at 06:08 and full power was reached on 11/13/16 at 04:56.</p>

SUMMARY Unit 2 began the month of October at 3878 MWth, 98.6% of maximum allowable power (3951 MWth) due to P2R21 coast down.

On October 23, 2016 at 01:08, Unit 2 commenced a planned ramp down to P2R21 Refueling Outage. Turbine Trip/Generator Breaker open on 10/24/16 at 00:05. Reactor entered Mode 3 Hot Shutdown on 10/24/16 at 01:21.

Unit 2 ended the month of October at 0.0% of maximum allowable power (3951 MWth) due to P2R21 Refueling Outage.

# OPERATING DATA REPORT

DOCKET: 277  
 UNIT\_NME: Peach Bottom Unit 2  
 RPT\_PERIOD: 201611

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	499.70	7,628.05	297,873.74
4. Number of Hours Generator On-line	473.87	7,578.17	292,998.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	590,278.80	9,489,501.70	306,066,537.60

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
P2R21	10/24/2016		S	246.13	C	4	<p>On October 23, 2016 at 01:08, Unit 2 commenced a planned ramp down to P2R21 Refueling Outage. Turbine Trip/Generator Breaker open on 10/24/16 at 00:05. Reactor entered Mode 3 Hot Shutdown on 10/24/16 at 01:21.</p> <p>On November 10, 2016 at 04:18, Unit 2 Reactor achieved criticality following P2R21 Refueling Outage. The main generator was synchronized to the Grid on 11/11/16 at 06:08 and full power was reached on 11/13/16 at 04:56.</p>

**SUMMARY** Unit 2 began the month of November at 0.0% of maximum allowable power (3951 MWth) due to P2R21 refueling outage.

On November 10, 2016 at 04:18, Unit 2 Reactor achieved criticality following P2R21 Refueling Outage. The main generator was synchronized to the Grid on 11/11/16 at 06:08 and full power was reached on 11/13/16 at 04:56.

On November 13, 2016 at 23:01, Unit 2 commenced a planned load reduction for a follow up Rod Pattern Adjustment. Minimum power of 3135 MWth (79.3% CTP) was reached on 11/13/16 at 23:28. The Unit was returned to 100% power on November 14, 2016 at 12:37.

On November 16, 2016 at 09:01, Unit 2 commenced an unplanned load reduction to address hight turbine generator vibration levels. Minimum power of 3551 MWth (89.9% CTP) was reached on 11/16/16 at 14:19. The Unit was returned to 100% power on November 16, 2016 at 17:01.

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: 201612

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	8,372.05	298,617.74
4. Number of Hours Generator On-line	744.00	8,322.17	293,742.60
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	987,189.50	10,476,691.20	307,053,727.10

## UNIT SHUTDOWNS

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

SUMMARY Unit 2 began the month of December at 100.0% of maximum allowable power (3951 MWth).  
 There were no planned or unplanned load reductions on Unit 2 for the month of December.  
 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: 201610

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	744.00	7,319.00	296,377.15
4. Number of Hours Generator On-line	744.00	7,319.00	291,914.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	950,242.10	9,459,112.70	303,495,566.30

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 3 began the month of October at the 100% of maximum allowable power (3951 MWth).

On October 15, 2016 at 22:02, Unit 3 commenced a planned load reduction for 3C RFP Venturi Flow Element Leak Repair. Minimum power of 821.1 MWth (20.8% CTP) was reached on 10/16/16 at 08:02. The Unit was returned to 100% power on October 17, 2016 at 10:25.

On October 18, 2016 at 01:02, Unit 3 commenced a planned load reduction for follow up rod pattern adjustment. Minimum power of 3330.2 MWth (84.3% CTP) was reached on 10/18/16 at 01:47. The Unit was returned to 100% power on October 18, 2016 at 06:48.

Unit 3 ended the month of October at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201611

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	721.00	8,040.00	297,098.15
4. Number of Hours Generator On-line	721.00	8,040.00	292,635.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	957,237.80	10,416,350.50	304,452,804.10

## UNIT SHUTDOWNS

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

SUMMARY Unit 3 began the month of November at the 100% of maximum allowable power (3951 MWth).

There were no planned or unplanned load reductions on Unit 3 for the month of November.

Unit 3 ended the month of November at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 278  
 UNIT\_NME: Peach Bottom Unit 3  
 RPT\_PERIOD: 201612

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	744.00	8,784.00	297,842.15
4. Number of Hours Generator On-line	744.00	8,784.00	293,379.05
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	990,387.50	11,406,738.00	305,443,191.60

## UNIT SHUTDOWNS

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

SUMMARY Unit 3 began the month of December at the 100% of maximum allowable power (3951 MWth).

On December 30, 2016 at 23:02, Unit 3 commenced a planned load reduction for HCU maintenance. Minimum power of 3380 MWth (85.5% CTP) was reached on 12/31/16 at 00:12. The Unit was returned to 100% power on December 31, 2016 at 02:05.

Unit 3 ended the month of December at the 100% of maximum allowable power (3951 MWth).

# OPERATING DATA REPORT

DOCKET: 440  
UNIT\_NME: Perry Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: T. Phelps  
PREPARER TELEPHONE: 440-280-7660

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	7,049.70	212,659.52
4. Number of Hours Generator On-line	744.00	6,969.47	208,743.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	938,957.50	8,557,351.50	246,481,898.20

## 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 Perry Nuclear Power Plant was on line the entire month of October,2016.



# OPERATING DATA REPORT

DOCKET: 440  
UNIT\_NME: Perry Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: T. Phelps  
PREPARER TELEPHONE: 440-280-7660

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	7,770.70	213,380.52
4. Number of Hours Generator On-line	721.00	7,690.47	209,464.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	916,911.20	9,474,262.70	247,398,809.40

## UNIT SHUTDOWNS

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

SUMMARY The Perry Nuclear Power Plant was on line the entire month of November, 2016.

# OPERATING DATA REPORT

DOCKET: 440  
UNIT\_NME: Perry Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: T. Phelps  
PREPARER TELEPHONE: 440-280-7660

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	8,514.70	214,124.52
4. Number of Hours Generator On-line	744.00	8,434.47	210,208.58
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	946,026.07	10,420,288.77	248,344,835.47

## 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 Perry Nuclear Power Plant was on line the entire month of December, 2016.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Brent Lyons  
 PREPARER TELEPHONE: 508-830-8270

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	6,984.10	296,010.77
4. Number of Hours Generator On-line	744.00	6,903.07	292,991.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	490,223.00	4,550,393.32	181,798,889.85

## UNIT SHUTDOWNS

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

**SUMMARY** Pilgrim entered October 2016 operating at 100% Rated Core Thermal Power (RCTP). On October 18th, 2016 at 04:00, reactor power was reduced to perform a Thermal Backwash of the Main Condenser. On October 19th, 2016 at 08:34, reactor power was once again returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 45.5%. On October 20th, 2016 at 17:00, reactor power was reduced to perform a control rod pattern adjustment. On October 20th, 2016 at 18:11, reactor power was once again returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 84.7%. Reactor power was maintained at 100%RCTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: Brent Lyons  
 PREPARER TELEPHONE: 508-830-8270

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	7,705.10	296,731.77
4. Number of Hours Generator On-line	721.00	7,624.07	293,712.81
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	487,635.00	5,038,028.32	182,286,524.85

## UNIT SHUTDOWNS

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

SUMMARY Pilgrim entered November 2016 operating at 100% Rated Core Thermal Power (RCTP) and maintained this power level throughout the month.

# OPERATING DATA REPORT

DOCKET: 293  
 UNIT\_NME: Pilgrim Unit 1  
 RPT\_PERIOD: 201612

PREPARER NAME: Brent Lyons  
 PREPARER TELEPHONE: 508-830-8270

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	615.20	8,320.30	297,346.97
4. Number of Hours Generator On-line	598.45	8,222.52	294,311.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	374,804.00	5,412,832.32	182,661,328.85

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
4	12/16/2016	F		145.55	A	1	On December 15th, 2016 at 15:30, active Limited Condition for Operation (LCO) ACT 1-16-265 was entered due to a body to bonnet leak on MSIV AO-203-2D (CR-PNP-2016-10040). On December 16th, 2016 at 16:11 with reactor power at 22% RCTP, a reactor shutdown was initiated and reactor power was reduced. On December 16th, 2016 at 18:38 with reactor power at approximately 11% RCTP, the main turbine was manually tripped and the main generator removed from the grid. On December 16th, 2016 23:42, reactor power was reduced to approximately 5% RCTP and the reactor was manually scrambled in accordance with controlled shutdown procedures. Following the repair of MSIV AO-203-2D, on December 22nd, 2016 at 00:32, operators commenced control rod withdrawal for reactor startup and at 08:30, the reactor was declared critical. On December 22nd, 2016 at 20:11, the Main Turbine Generator was synchronized to the grid. On December 23rd, 2016 at 08:41, the reactor attained 100% RCTP.

**SUMMARY** Pilgrim entered December 2016 operating at 100% Rated Core Thermal Power (RCTP). On December 14th, 2016 at 19:38, a planned reactor power reduction commenced to verify the functionality of Main Turbine Stop Valve (SV-2). On December 15th, 2016 at 05:00, reactor power was stabilized at 22% RCTP. On December 15th, 2016 at 07:27, reactor power was again reduced and 7.7% RCTP was achieved at 11:05. As part of the SV-2 testing, on December 15th, 2016 at 12:25, the main turbine generator was tripped and removed from the grid. On December 15th, 2016 at 14:25, with reactor power at approximately 7.7% RCTP, reactor power was increased and 22% RCTP was achieved at 17:30 and the Main Turbine Generator was synchronized back onto the grid. On December 15th, 2016 at 15:30, active Limited Condition for Operation (LCO) ACT 1-16-0265 was entered due to a body to bonnet leak on MSIV AO-203-2D (CR-PNP-2016-10040). On December 16th, 2016 at 16:11 with reactor power at 22% RCTP, a reactor shutdown was initiated and reactor power was reduced. On December 16th, 2016 at 18:38 with reactor power at approximately 11% RCTP, the main turbine was manually tripped and the main generator removed from the grid. On December 16th, 2016 23:42, reactor power was reduced to approximately 5% RCTP and the reactor was manually scrambled in accordance with normal controlled shutdown procedures. Following the repair of MSIV AO-203-2D, on December 22nd, 2016 at 00:32, operators commenced control rod withdrawal for reactor startup and at 08:30, the reactor was declared critical. On December 22nd, 2016 at 20:11, the Main Turbine Generator was synchronized to the grid. On December 23rd, 2016 at 09:30, the reactor attained 100% RCTP. On December 23rd, 2016 at 12:30, operators commenced a reactor downpower to adjust the control rod pattern. On December 23rd, 2016 at 15:12, the reactor was returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 69.3% RCTP. On December 24th, 2016 at 11:00, operators once again commenced a downpower to adjust the control rod pattern. On December 24th, 2016 at 13:43, reactor power was once again returned to 100% RCTP. The minimum reactor power level achieved during the evolution was 70.5%. Reactor power was maintained at 100% RCTP throughout the remainder of the month.

# OPERATING DATA REPORT

DOCKET: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201610

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	6,755.47	342,497.70
4. Number of Hours Generator On-line	744.00	6,730.48	338,387.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	443,963.40	3,989,513.40	164,595,773.20

## 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: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201611

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	721.00	7,476.47	343,218.70
4. Number of Hours Generator On-line	721.00	7,451.48	339,108.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	433,629.70	4,423,143.10	165,029,402.90

## 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: 266  
UNIT\_NME: Point Beach Unit 1  
RPT\_PERIOD: 201612

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	8,220.47	343,962.70
4. Number of Hours Generator On-line	744.00	8,195.48	339,852.41
5. Reserve Shutdown Hours	0.00	0.00	846.90
6. Net Electrical energy Generated (MWHrs)	447,961.90	4,871,105.00	165,477,364.80

## UNIT SHUTDOWNS

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

SUMMARY



# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201610

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	7,319.00	335,522.65
4. Number of Hours Generator On-line	744.00	7,319.00	331,959.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	447,638.40	4,397,898.90	164,277,071.70

## 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

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201611

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	8,040.00	336,243.65
4. Number of Hours Generator On-line	721.00	8,040.00	332,680.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	435,499.70	4,833,398.60	164,712,571.40

## UNIT SHUTDOWNS

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

SUMMARY

# OPERATING DATA REPORT

DOCKET: 301  
UNIT\_NME: Point Beach Unit 2  
RPT\_PERIOD: 201612

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	8,784.00	336,987.65
4. Number of Hours Generator On-line	744.00	8,784.00	333,424.52
5. Reserve Shutdown Hours	0.00	0.00	302.20
6. Net Electrical energy Generated (MWHrs)	448,766.90	5,282,165.50	165,161,338.30

## 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: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201610

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	339.52	6,914.52	329,864.80
4. Number of Hours Generator On-line	337.08	6,912.08	327,198.02
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	176,993.00	3,683,515.00	166,610,113.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1R30	10/15/2016	S		406.92	C	1	On 11/20/2016, Unit 1 Turbine Generator was synchronized to the grid per 1C1.2-M1 after completion of refueling outage 1R30.

SUMMARY Unit 1 offline for refueling outage 1R30.

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201611

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	265.78	7,180.30	330,130.58
4. Number of Hours Generator On-line	246.60	7,158.68	327,444.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	113,838.00	3,797,353.00	166,723,951.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1R30	10/15/2016		S	473.40	C	4	On 11/20/2016, Unit 1 Turbine Generator was synchronized to the grid per 1C1.2-M1 after completion of refueling outage 1R30.

SUMMARY 19080 MWHr lost due to outage ramp-up  
 274203.2 MWHr lost due to outage  
 30.68 MWHr lost due to SP 1101

# OPERATING DATA REPORT

DOCKET: 282  
 UNIT\_NME: Prairie Island Unit 1  
 RPT\_PERIOD: 201612

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	7,924.30	330,874.58
4. Number of Hours Generator On-line	744.00	7,902.68	328,188.62
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	410,350.00	4,207,703.00	167,134,301.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1 was baseloaded for the month of December

# OPERATING DATA REPORT

DOCKET: 306  
UNIT\_NME: Prairie Island Unit 2  
RPT\_PERIOD: 201610

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	6,057.23	325,474.94
4. Number of Hours Generator On-line	744.00	6,034.63	323,225.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	409,699.00	3,251,036.00	164,324,571.00

## 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 was baseloaded for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201611

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	721.00	6,778.23	326,195.94
4. Number of Hours Generator On-line	721.00	6,755.63	323,946.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	400,847.00	3,651,883.00	164,725,418.00

## UNIT SHUTDOWNS

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

SUMMARY 22.3 MWHrs due to WO 554639 Loop B feedwater flow oscillations on 11/21/16  
 12.2 MWhrs due to 22 main feedwater regulating valve control



# OPERATING DATA REPORT

DOCKET: 306  
 UNIT\_NME: Prairie Island Unit 2  
 RPT\_PERIOD: 201612

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	744.00	7,522.23	326,939.94
4. Number of Hours Generator On-line	744.00	7,499.63	324,690.26
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	414,198.00	4,066,081.00	165,139,616.00

## UNIT SHUTDOWNS

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

SUMMARY 76.9 MWhr downpower for CV-31136 troubleshooting

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201610

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	7,319.00	325,667.88
4. Number of Hours Generator On-line	744.00	7,319.00	319,719.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	685,397.00	6,734,325.00	234,670,283.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1  
 10/29 - 10/30/2016, 1468 MWh, EREL, Turbine Testing (PEL)  
 10/4, 10/9, 10/10, 10/11, 10/12, 10/13, 10/14, 10/15, 10/17, 10/18, 10/22, 10/23, 10/27, 10/28/2016, 6954 MWh, Not P or U, Advanced Nuclear Dispatch  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201611

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	721.00	8,040.00	326,388.88
4. Number of Hours Generator On-line	721.00	8,040.00	320,440.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	674,567.00	7,408,892.00	235,344,850.00

## 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  
 11/4, 11/18, 11/28/2016, 1559 MWh, Not P or U, Advanced Nuclear Dispatch  
 11/19/2016, 259 MWh, EREL, Rod Pattern Adjustment (PEL)  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 254  
 UNIT\_NME: Quad Cities Unit 1  
 RPT\_PERIOD: 201612

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	744.00	8,784.00	327,132.88
4. Number of Hours Generator On-line	744.00	8,784.00	321,184.34
5. Reserve Shutdown Hours	0.00	0.00	1,655.20
6. Net Electrical energy Generated (MWHrs)	695,290.00	8,104,182.00	236,040,140.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 1  
 12/4, 12/5/2016, 529 MWh, Not P or U, Advanced Nuclear Dispatch  
 12/17/2016, 777 MWh, EREL, Turbine Testing (PEL)  
 12/18/2016, 89 MWh, Feedwater Heater Transient 1C3 IR03954352, (UPEL)  
 12/23/2016, 2017 MWh, Feedwater Heater Transient 1D1 IR 03956145, (UPEL)

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201610

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	6,904.20	317,809.90
4. Number of Hours Generator On-line	744.00	6,870.73	312,516.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	687,898.00	6,188,781.00	236,292,391.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2  
 10/8 - 10/9/2016, 1841 MWh, EREL, Turbine Testing (PEL)  
 10/16, 10/17, 10/22, 10/23/2016, 1177 MWh, Not P or U, Advanced Nuclear Dispatch  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201611

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	721.00	7,625.20	318,530.90
4. Number of Hours Generator On-line	721.00	7,591.73	313,237.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	669,240.00	6,858,021.00	236,961,631.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2  
 11/4, 11/7, 11/10, 11/17, 11/18, 11/21, 11/26, 11/29/2016, 3032 MWh, Not P or U, Advanced Nuclear Dispatch  
 PEL - none  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 265  
 UNIT\_NME: Quad Cities Unit 2  
 RPT\_PERIOD: 201612

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	744.00	8,369.20	319,274.90
4. Number of Hours Generator On-line	744.00	8,335.73	313,981.33
5. Reserve Shutdown Hours	0.00	0.00	2,312.90
6. Net Electrical energy Generated (MWHrs)	692,852.00	7,550,873.00	237,654,483.00

## UNIT SHUTDOWNS

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

SUMMARY Unit 2  
 12/4, 12/5, 12/6/2016, 1160 MWh, Not P or U, Advanced Nuclear Dispatch  
 12/3/2016, 746 MWh, EREL, Turbine Testing (PEL)  
 UPEL - none

# OPERATING DATA REPORT

DOCKET: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: Thomas J. Bolke  
PREPARER TELEPHONE: (225)381-3719

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	6,139.91	230,829.78
4. Number of Hours Generator On-line	744.00	6,035.82	225,842.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	719,965.00	5,677,889.00	208,161,497.00

## 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: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: Thomas J. Bolke  
PREPARER TELEPHONE: (225)381-3719

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	6,860.91	231,550.78
4. Number of Hours Generator On-line	721.00	6,756.82	226,563.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	702,590.00	6,380,479.00	208,864,087.00

## 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: 458  
UNIT\_NME: River Bend Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: Thomas J. Bolke  
PREPARER TELEPHONE: (225)381-3791

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	7,604.91	232,294.78
4. Number of Hours Generator On-line	744.00	7,500.82	227,307.65
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	728,378.00	7,108,857.00	209,592,465.00

## 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: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201610

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	697.22	6,993.82	319,773.23
4. Number of Hours Generator On-line	687.50	6,975.21	316,026.04
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	496,234.00	5,291,994.00	216,194,644.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
R230 M3	10/8/2016	F		56.50	H	3	Auto Scram due to grid disturbance during Hurricane Matthew (LOOP).

SUMMARY Grid Losses (52,119 MWH) due to auto scram resulting from grid disturbance during Hurricane Matthew (LOOP).

# OPERATING DATA REPORT

DOCKET: 261  
UNIT\_NME: Robinson Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: T. Surma  
PREPARER TELEPHONE: 843-857-1086

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	7,714.82	320,494.23
4. Number of Hours Generator On-line	721.00	7,696.21	316,747.04
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	549,817.00	5,841,811.00	216,744,461.00

## 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 No November losses.

# OPERATING DATA REPORT

DOCKET: 261  
 UNIT\_NME: Robinson Unit 2  
 RPT\_PERIOD: 201612

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	8,458.82	321,238.23
4. Number of Hours Generator On-line	744.00	8,440.21	317,491.04
5. Reserve Shutdown Hours	0.00	0.00	23.20
6. Net Electrical energy Generated (MWHrs)	590,377.00	6,432,188.00	217,334,838.00

## UNIT SHUTDOWNS

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

SUMMARY No December plant losses.

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201610

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	4,790.57	252,847.77
4. Number of Hours Generator On-line	744.00	4,748.57	247,020.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	877,859.00	5,298,225.00	265,534,843.00

## UNIT SHUTDOWNS

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

SUMMARY Planned loss for 13B CWP, unplanned losses for 1B HDT Level Controller Degradation, and 14B FWH tuning

# OPERATING DATA REPORT

DOCKET: 272  
 UNIT\_NME: Salem Unit 1  
 RPT\_PERIOD: 201611

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	721.00	5,511.57	253,568.77
4. Number of Hours Generator On-line	721.00	5,469.57	247,741.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	824,941.00	6,123,166.00	266,359,784.00

## UNIT SHUTDOWNS

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

SUMMARY Planned losses from Main Turbine Valve Testing, forced losses from degraded HEater Drain Tank Level controller, Steam Generator Feed Pump control system ground repairs, SGFP seized during startup, and Circ Water Pump trip due to high sodium.

# OPERATING DATA REPORT

DOCKET: 272  
UNIT\_NME: Salem Unit 1  
RPT\_PERIOD: 201612

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	6,255.57	254,312.77
4. Number of Hours Generator On-line	744.00	6,213.57	248,485.09
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	879,147.00	7,002,313.00	267,238,931.00

## 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 Major derates for December 2016 were degradation of 1B HDT Level Controller and Condenser Tube Leaks.



# OPERATING DATA REPORT

DOCKET: 311  
UNIT\_NME: Salem Unit 2  
RPT\_PERIOD: 201610

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	7,063.40	230,822.88
4. Number of Hours Generator On-line	744.00	6,196.46	225,694.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	869,105.00	7,050,900.00	243,154,273.00

## 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 Loss from 22B CWP scheduled maintenance

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201611

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	721.00	7,784.40	231,543.88
4. Number of Hours Generator On-line	721.00	6,917.46	226,415.73
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	846,765.00	7,897,665.00	244,001,038.00

## UNIT SHUTDOWNS

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

SUMMARY No planned energy losses for Salem 2 in November 2016. One forced loss for 22B Circ Water Pump OOS for Travelling Water Screen Repairs.

# OPERATING DATA REPORT

DOCKET: 311  
 UNIT\_NME: Salem Unit 2  
 RPT\_PERIOD: 201612

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	8,528.40	232,287.88
4. Number of Hours Generator On-line	744.00	7,661.46	227,159.73
5. Reserve Shutdown Hours	6.00	6.00	6.00
6. Net Electrical energy Generated (MWHrs)	875,501.00	8,773,166.00	244,876,539.00

## UNIT SHUTDOWNS

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

SUMMARY No major derates for Salem 2 for December 2016

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201610

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	7,214.72	206,860.73
4. Number of Hours Generator On-line	744.00	7,202.37	203,210.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	928,334.37	8,929,860.95	237,380,524.44

## UNIT SHUTDOWNS

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

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 100.1414% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201611

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	721.00	7,935.72	207,581.73
4. Number of Hours Generator On-line	721.00	7,923.37	203,931.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	900,873.40	9,830,734.35	238,281,397.84

## UNIT SHUTDOWNS

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

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 100.2791% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 443  
 UNIT\_NME: Seabrook Unit 1  
 RPT\_PERIOD: 201612

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	8,679.72	208,325.73
4. Number of Hours Generator On-line	744.00	8,667.37	204,675.90
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	929,819.90	10,760,554.25	239,211,217.74

## UNIT SHUTDOWNS

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

**SUMMARY** The unit operated at 100% power 739 out of 744 hours this month. This yielded an availability factor of 100% and a capacity factor of 100.3016% based on the MDC of 1246 MWe.

# OPERATING DATA REPORT

DOCKET: 327  
UNIT\_NME: Sequoyah Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: Marlena Northington  
PREPARER TELEPHONE: 423-751-2950

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	6,257.22	235,465.81
4. Number of Hours Generator On-line	744.00	6,182.37	232,857.34
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	847,406.00	6,986,645.40	258,887,061.60

## 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 U1 NRC Capacity Factor is 98.9% for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201611

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	600.98	6,858.20	236,066.79
4. Number of Hours Generator On-line	600.98	6,783.35	233,458.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	686,973.90	7,673,619.30	259,574,035.50

## 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	
1	11/25/2016		S	120.02	C	1		Refueling Outage Cycle 21

SUMMARY U1 NRC Capacity Factor is 82.7% for the month of November 2016.



# OPERATING DATA REPORT

DOCKET: 327  
 UNIT\_NME: Sequoyah Unit 1  
 RPT\_PERIOD: 201612

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	0.38	6,858.58	236,067.17
4. Number of Hours Generator On-line	0.00	6,783.35	233,458.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	7,673,619.30	259,574,035.50

## 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	
1	11/25/2016		S	744.00	C	4		Refueling Outage Cycle 21

SUMMARY U1 NRC Capacity Factor is 0% for the month of December 2016.

# OPERATING DATA REPORT

DOCKET: 328  
UNIT\_NME: Sequoyah Unit 2  
RPT\_PERIOD: 201610

PREPARER NAME: Marlena Northington  
PREPARER TELEPHONE: 423-751-2950

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	7,285.27	240,850.28
4. Number of Hours Generator On-line	744.00	7,060.80	237,690.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	841,502.00	7,910,058.90	259,849,829.40

## 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 U2 NRC Capacity Factor is 99.3% for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 328  
UNIT\_NME: Sequoyah Unit 2  
RPT\_PERIOD: 201611

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	8,006.27	241,571.28
4. Number of Hours Generator On-line	721.00	7,781.80	238,411.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	827,571.10	8,737,630.00	260,677,400.50

## 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 U2 NRC Capacity Factor is 100.7% for the month of November 2016.

# OPERATING DATA REPORT

DOCKET: 328  
 UNIT\_NME: Sequoyah Unit 2  
 RPT\_PERIOD: 201612

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	8,750.27	242,315.28
4. Number of Hours Generator On-line	744.00	8,525.80	239,155.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	857,965.60	9,595,595.60	261,535,366.10

## UNIT SHUTDOWNS

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

SUMMARY U2 NRC Capacity Factor is 101.2% for the month of December 2016.

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201610

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	7,155.37	210,284.28
4. Number of Hours Generator On-line	744.00	7,133.77	205,525.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	971,697.00	9,343,541.00	260,000,575.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201611

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	7,876.37	211,005.28
4. Number of Hours Generator On-line	721.00	7,854.77	206,246.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	952,689.00	10,296,230.00	260,953,264.00

## UNIT SHUTDOWNS

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

SUMMARY Main turbine inlet valve test.

# OPERATING DATA REPORT

DOCKET: 498  
 UNIT\_NME: South Texas Unit 1  
 RPT\_PERIOD: 201612

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	8,620.37	211,749.28
4. Number of Hours Generator On-line	744.00	8,598.77	206,990.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	991,913.00	11,288,143.00	261,945,177.00

## UNIT SHUTDOWNS

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

SUMMARY Normal operation

# OPERATING DATA REPORT

DOCKET: 499  
UNIT\_NME: South Texas Unit 2  
RPT\_PERIOD: 201610

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	193.82	6,768.82	200,748.47
4. Number of Hours Generator On-line	191.00	6,766.00	198,129.28
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	236,141.00	8,851,204.00	250,441,542.00

## 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	
85	10/8/2016		S	553.00	C	1		2RE18 Refueling Outage

SUMMARY Normal refueling.



# OPERATING DATA REPORT

DOCKET: 499  
 UNIT\_NME: South Texas Unit 2  
 RPT\_PERIOD: 201611

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	533.47	7,302.29	201,281.94
4. Number of Hours Generator On-line	514.22	7,280.22	198,643.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	607,360.00	9,458,564.00	251,048,902.00

## 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	
85	10/8/2016		S	205.78	C	4		2RE18 Refueling Outage

SUMMARY Normal refueling and reactor power ascension.

# OPERATING DATA REPORT

DOCKET: 499  
UNIT\_NME: South Texas Unit 2  
RPT\_PERIOD: 201612

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	8,046.29	202,025.94
4. Number of Hours Generator On-line	744.00	8,024.22	199,387.50
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	994,355.00	10,452,919.00	252,043,257.00

## 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: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201610

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	0.00	5,878.79	291,850.70
4. Number of Hours Generator On-line	0.00	5,805.92	289,210.32
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	0.00	5,704,096.00	243,039,731.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
43	9/26/2016	S	744.00	C	4	Scheduled refueling and maintenance SL1-27.

SUMMARY PSL 1 remained offline the entire report period for refueling and maintenance.

# OPERATING DATA REPORT

DOCKET: 335  
 UNIT\_NME: St. Lucie Unit 1  
 RPT\_PERIOD: 201611

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	547.12	6,425.91	292,397.82
4. Number of Hours Generator On-line	509.13	6,315.05	289,719.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	468,320.00	6,172,416.00	243,508,051.00

## UNIT SHUTDOWNS

No.	Date	Type F: Forced S: Scheduled	Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
43	9/26/2016	S	210.87	C	4	Scheduled refueling and maintenance SL1-27.

SUMMARY PSL 1 returned to mode 1 operation at 14:20 on 11/9/2016 and remained in mode 1 through the end of the report period.

# OPERATING DATA REPORT

DOCKET: 335  
UNIT\_NME: St. Lucie Unit 1  
RPT\_PERIOD: 201612

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	7,169.91	293,141.82
4. Number of Hours Generator On-line	744.00	7,059.05	290,463.45
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	746,509.00	6,918,925.00	244,254,560.00

## 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: 389  
 UNIT\_NME: St. Lucie Unit 2  
 RPT\_PERIOD: 201610

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	569.47	7,144.47	251,612.07
4. Number of Hours Generator On-line	564.10	7,139.10	249,018.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	545,429.00	7,183,759.00	211,474,830.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
44	10/6/2016	F		179.90	H	1	Unscheduled shutdown due to the approach of Hurricane Matthew. Shutdown characterized as Outside Management Control (OMC) and "excluded" per NEI 99-02 reporting guidelines.

SUMMARY PSL 2 operated in mode 1 until 11:14 on 10/6/2016. PSL 2 returned to mode 1 at 18:58 on 10/13/2016 and remained in mode 1 through the end of the report period.

# OPERATING DATA REPORT

DOCKET: 389  
UNIT\_NME: St. Lucie Unit 2  
RPT\_PERIOD: 201611

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	7,865.47	252,333.07
4. Number of Hours Generator On-line	721.00	7,860.10	249,739.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	730,570.00	7,914,329.00	212,205,400.00

## 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: 201612

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	8,609.47	253,077.07
4. Number of Hours Generator On-line	744.00	8,604.10	250,483.76
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	755,199.00	8,669,528.00	212,960,599.00

## 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: 395  
UNIT\_NME: Summer Unit 1  
RPT\_PERIOD: 201610

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	7,319.00	248,644.90
4. Number of Hours Generator On-line	744.00	7,319.00	246,016.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	735,016.00	7,207,834.00	225,568,866.00

## 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 plant operated at full power for the month of October 2016.

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201611

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	721.00	8,040.00	249,365.90
4. Number of Hours Generator On-line	721.00	8,040.00	246,737.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	712,643.00	7,920,477.00	226,281,509.00

## UNIT SHUTDOWNS

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

**SUMMARY** On 11/11/2016 at 04:17 the unit was down powered to 88.5% due to the malfunction of #1B Feedwater Heater Drain Valve Level Controller. This required the isolation of #1B Feedwater Heater to repair the level controller. The plant was returned to full power on 11/11/2016 at 23:59.

# OPERATING DATA REPORT

DOCKET: 395  
 UNIT\_NME: Summer Unit 1  
 RPT\_PERIOD: 201612

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	8,784.00	250,109.90
4. Number of Hours Generator On-line	744.00	8,784.00	247,481.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	737,884.00	8,658,361.00	227,019,393.00

## UNIT SHUTDOWNS

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

SUMMARY The plant operated at full power for the month of December 2016 except for a 12/2/2016 reduction in power to 92% for Turbine Stop Valve testing.

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
 2. Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	504.52	7,079.52	305,411.31
4. Number of Hours Generator On-line	504.50	7,079.50	302,213.26
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	429,088.09	6,087,018.23	234,061,026.27

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1G-22	10/22/2016		S	239.50	C	1	10/22/2016 @ 0031 Unit 1 is off-line for Refueling Outage 11/11/2016 @ 0925 Unit on line. Output breakers closed.

SUMMARY	Unit 1 Waterboxes	Start MWe	Finish MWe	Loss	Start Time	Finish Time	Total hours
	10/10/2016 Removing 1-CW-E-1D from service	912897	1510/10/16 1:00 AM	10/12/16 4:30 AM	39.30		
	10/12/2016 Removing 1-CW-E-1A from service	914894	2010/12/16 4:40 AM	10/13/16 2:00 PM	33.20		
	10/13/2016 Removing 1-CW-E-1C from service	910897	1310/13/16 4:21 PM	10/15/16 12:01 AM	31.40		
	10/15/2016 Removing 1-CW-E-1B from service	914900	1410/15/16 1:15 AM	10/16/16 4:59 PM	39.44		

U1 2016 RFO  
 10/22/2016 @ 0031 Unit 1 is off-line for Refueling Outage

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201611

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
 2. Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	488.17	7,567.69	305,899.48
4. Number of Hours Generator On-line	470.58	7,550.08	302,683.84
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	395,463.48	6,482,481.71	234,456,489.75

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
1G-22	10/22/2016		S	249.42	C	4	10/22/2016 @ 0031 Unit 1 is off-line for Refueling Outage 11/11/2016 @ 0925 Unit on line. Output breakers closed.

SUMMARY U1 RFO 16  
 11/10/20161550 - Unit 1 Rx is critical.  
 11/11/20160925 - Unit on line. Output breakers closed.  
 11/13/20161000 - U1 Returned to Full Power 100% power, 920 Mwe

Unit 1 Waterbox (MOV Leakage Test)	Start MWe	Finish MWe	Loss	Start Time	Finish Time
11/27/2016Removing 1-CW-E-1A from service	922	913		911/27/16 11:18 PM	11/28/16 4:30 AM

# OPERATING DATA REPORT

DOCKET: 280  
 UNIT\_NME: Surry Unit 1  
 RPT\_PERIOD: 201612

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	8,311.69	306,643.48
4. Number of Hours Generator On-line	744.00	8,294.08	303,427.84
5. Reserve Shutdown Hours	0.00	0.00	3,736.20
6. Net Electrical energy Generated (MWHrs)	628,684.48	7,111,166.18	235,085,174.22

## UNIT SHUTDOWNS

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

SUMMARY 12/15/2016  
 @1800 Unit 1 is at 100% power, 923 MWe  
 @1801 Failure of 1-FW-P-1A - A Main Feed Pump outboard seal

12/18/2016  
 @1619 Unit 1 has returned to full power 913 MWe

# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
 2. Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	653.72	7,228.72	303,150.58
4. Number of Hours Generator On-line	650.70	7,225.70	300,334.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	557,497.45	6,216,089.53	232,973,242.15

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
2G-18	10/9/2016	F		93.30	A	3	10/09/16 0254 U2 Reactor Trip on Generator Differential Lockout. 10/13/2016 0012 Closed Output breaker G202 to place Unit 2 Main Generator online

SUMMARY Generator Differential Lockout  
 10/9/2016  
 0254 U2 Reactor Trip on Generator Differential Lockout.  
 10/13/2016  
 0012 Closed Output breaker G202 to place Unit 2 Main Generator online  
 1707 U2 Returned to Full Power 100% power 907 MWe

# OPERATING DATA REPORT

DOCKET: 281  
 UNIT\_NME: Surry Unit 2  
 RPT\_PERIOD: 201611

PREPARER NAME: Marlene Haskett  
 PREPARER TELEPHONE: 757-365-2146

1. Design Electrical Rating: 874  
 2. Maximum Dependable Capacity (MWe-Net) 838

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	721.00	7,949.72	303,871.58
4. Number of Hours Generator On-line	721.00	7,946.70	301,055.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	630,273.35	6,846,362.89	233,603,515.51

## 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 Waterbox (MOV Stroke/Timing Testing)	Start MWe	Finish MWe	Loss	Start Time	Finish Time
	11/20/2016 Removing 2-CW-E-1A from service	915	904	11	11/20/16 12:02 AM	11/20/16 1:01 AM
	11/20/2016 Removing 2-CW-E-1B from service	916	904	12	11/20/16 2:18 AM	11/20/16 2:37 AM
	11/20/2016 Removing 2-CW-E-1C from service	914	908	6	11/20/16 1:27 AM	11/20/16 1:54 AM
	11/20/2016 Removing 2-CW-E-1D from service	916	908	8	11/20/16 3:00 AM	11/20/16 3:22 AM



# OPERATING DATA REPORT

DOCKET: 281  
UNIT\_NME: Surry Unit 2  
RPT\_PERIOD: 201612

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	8,693.72	304,615.58
4. Number of Hours Generator On-line	744.00	8,690.70	301,799.30
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	652,990.91	7,499,353.80	234,256,506.42

## 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

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: J. Hennings  
 PREPARER TELEPHONE: 570-542-3747

1. Design Electrical Rating: 1287  
 2. Maximum Dependable Capacity (MWe-Net) 1257

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	744.00	5,666.06	250,055.85
4. Number of Hours Generator On-line	744.00	5,550.72	246,602.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	949,019.00	6,874,636.00	270,155,832.70

## 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** On 10/14/16 power was reduced in preparation for a planned Control Rod sequence exchange. Lowest power was 67%. Full power was achieved on 10/15/16.

Generation losses from this routine control rod adjustment, and other testing, contributed to INPO's SPEL (Exempt) loss classification.

While at full power on 10/31/16 21:25, a Reactor Recirc Pump tripped resulting in an Unplanned Power Reduction of approximately 77.2%. The lowest power experienced was 22.8%.

Following repairs, the power ascension ramp to 100% power was completed on 11/03/16.

# OPERATING DATA REPORT

DOCKET: 387  
 UNIT\_NME: Susquehanna Unit 1  
 RPT\_PERIOD: 201611

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	6,387.06	250,776.85
4. Number of Hours Generator On-line	721.00	6,271.72	247,323.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	911,346.00	7,785,982.00	271,067,178.70

## UNIT SHUTDOWNS

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

**SUMMARY** Unit 1 began this month with a ramp-up following a 10/31/16 unplanned Reactor Recirc Pump trip. 100% power was achieved on 11/03/16. There were no power reductions greater than 20 % this month.

# OPERATING DATA REPORT

DOCKET: 387  
UNIT\_NME: Susquehanna Unit 1  
RPT\_PERIOD: 201612

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	7,131.06	251,520.85
4. Number of Hours Generator On-line	744.00	7,015.72	248,067.69
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	963,682.00	8,749,664.00	272,030,860.70

## 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 greater than 20 % this month. On 12/16/16 reactor power was reduced to approximately 72.% for a planned Control Rod pattern adjustment and scram time testing. Full power was achieved on 12/17/16.

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201610

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	607.45	7,108.52	246,767.78
4. Number of Hours Generator On-line	576.85	7,057.95	243,669.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	701,195.00	8,824,309.00	269,647,970.30

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
U2- 2016-2	10/1/2016		S	167.15	B	1	The Main Turbine was manually tripped at 10/01/16 04:29 to begin a planned turbine outage. All Control Rods were reported as being inserted 10/01/16 10:17. Following Turbine maintenance, the Reactor was declared critical at 10/07/16 02:50, and the Main Generator was synchronized to the grid at 10/08/16 03:38. 100% power was achieved on 10/10/16 02:47.

**SUMMARY** On 10/01/16 the Main Turbine was manually tripped from approximately 15% to begin a planned turbine outage. On 10/08/16 the U2 Main Generator was again synchronized to the grid, and full power was achieved on 10/10/16.

On 10/28/16 from 100%, a scheduled down power for Control Rod pattern adjustment was initiated. The lowest power of 71.4% was seen on 10/29/16, and power was increased to full power later that day.  
 (Note: Generation losses from this power change, other routine control rod adjustments, and testing are classified as SPEL (exempt losses) for INPO Performance Indicator purposes.)

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201611

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	7,829.52	247,488.78
4. Number of Hours Generator On-line	721.00	7,778.95	244,390.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	900,112.00	9,724,421.00	270,548,082.30

## UNIT SHUTDOWNS

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

**SUMMARY** On 11/14/16 the 2B Reactor Recirc Pump tripped resulting in and Unplanned Power Change. Power was reduced to as low as 29.1%. The electric power was restored to the system on 11/14/16 and full power was achieved on 11/15/16.

The other power reduction greater than 20% was a planned reduction from 99.8% down to 69.7% to support a scheduled Control Rod pattern adjustment. Unit 2 returned to full power on 11/20/16. (note: This evolution is classified as a SPEL for INPO purposes).

# OPERATING DATA REPORT

DOCKET: 388  
 UNIT\_NME: Susquehanna Unit 2  
 RPT\_PERIOD: 201612

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	8,573.52	248,232.78
4. Number of Hours Generator On-line	744.00	8,522.95	245,134.55
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	948,894.00	10,673,315.00	271,496,976.30

## UNIT SHUTDOWNS

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

**SUMMARY** During December there were 2 power reductions greater than 20%. On 12/09/16, Operations began a planned power reduction from 100% for a Control Rod Sequence Exchange. The lowest power during the evolution was 68%. On 12/10/16 100% power was achieved. On 12/30/16 23:00, Operations lowered power from 98% for a planned Control Rod pattern adjustment to 75.8%. On 12/31/16, full power was achieved.

# OPERATING DATA REPORT

DOCKET: 289  
UNIT\_NME: Three Mile Island Unit 1  
RPT\_PERIOD: 201610

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	7,319.00	281,346.73
4. Number of Hours Generator On-line	744.00	7,319.00	279,479.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	622,807.00	6,087,718.00	231,707,064.40

## UNIT SHUTDOWNS

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

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



# OPERATING DATA REPORT

DOCKET: 289  
UNIT\_NME: Three Mile Island Unit 1  
RPT\_PERIOD: 201611

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	8,040.00	282,067.73
4. Number of Hours Generator On-line	721.00	8,040.00	280,200.86
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	607,486.00	6,695,204.00	232,314,550.40

## UNIT SHUTDOWNS

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

SUMMARY The unit operated at nominal full power through 11/30/16 at 20:02, when a planned power reduction for T1M10 began. The unit shutdown continued through December 2016.

# OPERATING DATA REPORT

DOCKET: 289  
 UNIT\_NME: Three Mile Island Unit 1  
 RPT\_PERIOD: 201612

PREPARER NAME: Mark Fauber  
 PREPARER TELEPHONE: (717) 948-8787

1. Design Electrical Rating: 819  
 2. Maximum Dependable Capacity (MWe-Net) 802

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	478.97	8,518.97	282,546.70
4. Number of Hours Generator On-line	469.98	8,509.98	280,670.84
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	387,447.00	7,082,651.00	232,701,997.40

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
T1M10	12/1/2016		S	274.02	B	1	Planned maintenance outage to perform repair / replacement of mechanical seals on reactor coolant pump 1A. Unplanned outage extension to perform weld repairs on mechanical penetration on seal cartridge.

SUMMARY Planned unit shutdown for maintenance outage T1M10. Unplanned maintenance outage extension. Return to nominal full power on 12/12/16 at 23:46.

# OPERATING DATA REPORT

DOCKET: 250  
 UNIT\_NME: Turkey Point Unit 3  
 RPT\_PERIOD: 201610

PREPARER NAME: Colleen Phillips  
 PREPARER TELEPHONE: 305-246-7106

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	7,269.98	300,841.86
4. Number of Hours Generator On-line	744.00	7,244.22	297,230.45
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	617,149.64	5,957,711.99	200,788,333.26

## UNIT SHUTDOWNS

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

SUMMARY PTN Unit 3 was at approximately 100% for the month.

# OPERATING DATA REPORT

DOCKET: 250  
UNIT\_NME: Turkey Point Unit 3  
RPT\_PERIOD: 201611

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	721.00	7,990.98	301,562.86
4. Number of Hours Generator On-line	721.00	7,965.22	297,951.45
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	596,333.88	6,554,045.87	201,384,667.14

## 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 down powered on 11/1/16 to approximately 85% due to 3A HDP flange leak. Unit 3 was returned to 100% on 11/2/16.

# OPERATING DATA REPORT

DOCKET: 250  
UNIT\_NME: Turkey Point Unit 3  
RPT\_PERIOD: 201612

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 305-246-7106

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	8,734.98	302,306.86
4. Number of Hours Generator On-line	744.00	8,709.22	298,695.45
5. Reserve Shutdown Hours	0.00	0.00	121.80
6. Net Electrical energy Generated (MWHrs)	620,123.73	7,174,169.60	202,004,790.87

## 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: 251  
 UNIT\_NME: Turkey Point Unit 4  
 RPT\_PERIOD: 201610

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	744.00	6,602.51	298,886.93
4. Number of Hours Generator On-line	726.90	6,557.58	293,509.85
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	543,251.95	5,326,994.37	200,448,033.34

## 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	
20160 014	10/29/2016		S	17.10	B	5		4C MSR EHC line repair

SUMMARY PTN Unit 4 down powered to approximately 48% on 10/1/16 due to high vibrations on the 4B SGFP. Unit 4 was returned to 100% on 10/6/16. PTN Unit 4 performed a normal reactor shutdown on 10/28/16 to repair 4C MSR EHC lines. Unit 4 was returned to 100% on 10/30/16.

# OPERATING DATA REPORT

DOCKET: 251  
UNIT\_NME: Turkey Point Unit 4  
RPT\_PERIOD: 201611

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	7,323.51	299,607.93
4. Number of Hours Generator On-line	721.00	7,278.58	294,230.85
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	606,982.89	5,933,977.26	201,055,016.23

## 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 approximately 100% for the month.

# OPERATING DATA REPORT

DOCKET: 251  
UNIT\_NME: Turkey Point Unit 4  
RPT\_PERIOD: 201612

PREPARER NAME: Colleen Phillips  
PREPARER TELEPHONE: 305-246-7106

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	8,067.51	300,351.93
4. Number of Hours Generator On-line	744.00	8,022.58	294,974.85
5. Reserve Shutdown Hours	0.00	0.00	577.20
6. Net Electrical energy Generated (MWHrs)	625,312.38	6,559,289.64	201,680,328.61

## 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 approximately 100% for the month.



# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201610

PREPARER NAME: Christopher J. Vachovetz  
PREPARER TELEPHONE: (706) 826-3467

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	7,319.00	236,227.73
4. Number of Hours Generator On-line	744.00	7,319.00	233,825.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	871,497.00	8,543,032.00	266,178,233.50

## 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 There were no shutdowns or down powers for the unit in the month of October.

# OPERATING DATA REPORT

DOCKET: 424  
UNIT\_NME: Vogtle Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: Christopher J. Vachovetz  
PREPARER TELEPHONE: (706) 826-3467

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	8,040.00	236,948.73
4. Number of Hours Generator On-line	721.00	8,040.00	234,546.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	850,871.00	9,393,903.00	267,029,104.50

## 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 There were no shutdowns or down powers for the unit in the month of November.

# OPERATING DATA REPORT

DOCKET: 424  
 UNIT\_NME: Vogtle Unit 1  
 RPT\_PERIOD: 201612

PREPARER NAME: Christopher Vachovetz  
 PREPARER TELEPHONE: 706-826-3467

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	8,784.00	237,692.73
4. Number of Hours Generator On-line	744.00	8,784.00	235,290.96
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	879,248.00	10,273,151.00	267,908,352.50

## UNIT SHUTDOWNS

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

SUMMARY There were no shutdowns or down powers for the unit in the month of December.

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Christopher J. Vachovetz  
 PREPARER TELEPHONE: (706) 826-3467

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	6,784.87	220,953.86
4. Number of Hours Generator On-line	744.00	6,754.56	219,376.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	873,077.00	7,848,169.00	250,556,828.50

## UNIT SHUTDOWNS

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

SUMMARY 10/08/2016:09:47- 10/08/2016 15:45: Load dispatcher requested load reduction due to grid demand/stability issues caused by inclement weather.

# OPERATING DATA REPORT

DOCKET: 425  
UNIT\_NME: Vogtle Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: Christopher J. Vachovetz  
PREPARER TELEPHONE: (706) 826-3467

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	7,505.87	221,674.86
4. Number of Hours Generator On-line	721.00	7,475.56	220,097.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	855,039.00	8,703,208.00	251,411,867.50

## 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

# OPERATING DATA REPORT

DOCKET: 425  
 UNIT\_NME: Vogtle Unit 2  
 RPT\_PERIOD: 201612

PREPARER NAME: Christopher Vachovetz  
 PREPARER TELEPHONE: 706-826-3467

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	8,249.87	222,418.86
4. Number of Hours Generator On-line	744.00	8,219.56	220,841.44
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	883,760.00	9,586,968.00	252,295,627.50

## UNIT SHUTDOWNS

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

**SUMMARY** The unit entered an unplanned Shutdown LCO 12/9/2016 due to the trip NSCW Transfer Pump 8, shutdown and stopped down power due to reevaluation of required actions. Occurrence was approximately 1.68 hours in duration.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201610

PREPARER NAME: Jai Jung  
 PREPARER TELEPHONE: 504-739-6405

1. Design Electrical Rating: 1173  
 2. Maximum Dependable Capacity (MWe-Net) 1152

	This Month	Yr-to-Date	Cumulative
3. Number of Hours the Reactor was Critical	602.33	7,177.33	240,222.25
4. Number of Hours Generator On-line	582.50	7,157.50	238,446.26
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	664,881.00	8,385,760.00	263,293,435.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
FO21-01	10/24/2016	F		161.50	A	1	RCS leakage through RCP pressure sensing tubing line near RC-114B. Degraded tubing was replaced and plant restored to power operation.

**SUMMARY** In October 2016, the plant experienced unplanned generation losses of 203,697 MWH associated with one unplanned manual Reactor trip on 10/24/2016 at 16:26, due to RCS leakage from Reactor Coolant Pump (RCP) 1B instrument tubing (CR-WF3-2016-6698). On 10/31/2016 at 09:56, the plant was re-synchronized to the grid. Also, there were 106 MWH planned generation losses associated with MS IP0301 A/B calibration.

# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201611

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	7,898.33	240,943.25
4. Number of Hours Generator On-line	721.00	7,878.50	239,167.26
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	832,346.00	9,218,106.00	264,125,781.00

## UNIT SHUTDOWNS

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

**SUMMARY** In November 2016, the plant experienced unplanned generation losses of 14,434 MWH associated with power ascension from the unplanned manual Reactor trip on 10/24/2016 at 16:26, due to RCS leakage from Reactor Coolant Pump (RCP) 1B instrument tubing (CR-WF3-2016-6698). On 10/31/2016 at 09:56, the plant was re-synchronized to the grid and reached 100% power on 11/1/2016 at 03:30. Also, there were 2,873 MWH planned generation losses associated with the planned MTC test and Waterbox B2,A1, and B1 maintenance and cleaning.



# OPERATING DATA REPORT

DOCKET: 382  
 UNIT\_NME: Waterford Unit 3  
 RPT\_PERIOD: 201612

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	8,642.33	241,687.25
4. Number of Hours Generator On-line	744.00	8,622.50	239,911.26
5. Reserve Shutdown Hours	0.00	0.00	80.30
6. Net Electrical energy Generated (MWHrs)	877,397.00	10,095,503.00	265,003,178.00

## UNIT SHUTDOWNS

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

**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 (646 MWH) due to Waterbox B1/A2 maintenance and cleaning.

# OPERATING DATA REPORT

DOCKET: 390  
 UNIT\_NME: Watts Bar Unit 1  
 RPT\_PERIOD: 201610

PREPARER NAME: Samuel P. Delk  
 PREPARER TELEPHONE: 423-365-8068

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	744.00	7,245.43	162,745.77
4. Number of Hours Generator On-line	744.00	7,190.85	161,907.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	845,849.00	7,751,825.00	181,229,915.08

## UNIT SHUTDOWNS

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

SUMMARY NRC Capacity Factor for the month of October 2016 is 100.17%.

# OPERATING DATA REPORT

DOCKET: 390  
UNIT\_NME: Watts Bar Unit 1  
RPT\_PERIOD: 201611

PREPARER NAME: Samuel P. Delk  
PREPARER TELEPHONE: 423-365-8068

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	721.00	7,966.43	163,466.77
4. Number of Hours Generator On-line	721.00	7,911.85	162,628.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	834,656.50	8,586,481.50	182,064,571.58

## 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 NRC Capacity factor for the month of November 2016 was 101.99%.

# OPERATING DATA REPORT

DOCKET: 390  
UNIT\_NME: Watts Bar Unit 1  
RPT\_PERIOD: 201612

PREPARER NAME: S. P. Delk  
PREPARER TELEPHONE: 423-365-8068

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	744.00	8,710.43	164,210.77
4. Number of Hours Generator On-line	744.00	8,655.85	163,372.20
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	869,041.00	9,455,522.50	182,933,612.58

## UNIT SHUTDOWNS

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

SUMMARY NRC Capacity Factor for the Month of December 2016 was 102.91%.

# OPERATING DATA REPORT

DOCKET: 391  
 UNIT\_NME: Watts Bar Unit 2  
 RPT\_PERIOD: 201610

PREPARER NAME: Samuel P. Delk  
 PREPARER TELEPHONE: 423-365-8068

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	147.73	147.73	147.73
4. Number of Hours Generator On-line	88.33	88.33	88.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	81,737.50	81,737.50	81,737.50

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
10-22FO	10/22/2016	F		215.65	A	1	Shutdown due to gassing on 2A MBT.
PCO 10-19	10/1/2016	S		440.02	H	1	This Shutdown and related Reactor Shutdown are administrative entries to reflect that WBN2 commenced official commercial operations on 10/19/2016 at 0800 EDT. This action was taken to eliminate pre-commercial RX critical hours.

SUMMARY NRC Capacity Factor for the month of October 2016 is 23.31%.

# OPERATING DATA REPORT

DOCKET: 391  
UNIT\_NME: Watts Bar Unit 2  
RPT\_PERIOD: 201611

PREPARER NAME: Samuel P. Delk  
PREPARER TELEPHONE: 423-365-8068

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	721.00	868.73	868.73
4. Number of Hours Generator On-line	721.00	809.33	809.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	829,577.50	911,315.00	911,315.00

## 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 NRC Capacity Factor for the month of November 2016 was 99.86%.

# OPERATING DATA REPORT

DOCKET: 391  
UNIT\_NME: Watts Bar Unit 2  
RPT\_PERIOD: 201612

PREPARER NAME: S. P. Delk  
PREPARER TELEPHONE: 423-365-8068

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	744.00	1,612.73	1,612.73
4. Number of Hours Generator On-line	744.00	1,553.33	1,553.33
5. Reserve Shutdown Hours	0.00	0.00	0.00
6. Net Electrical energy Generated (MWHrs)	895,055.00	1,806,370.00	1,806,370.00

## UNIT SHUTDOWNS

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

SUMMARY NRC Capacity Factor for the Month of December 2016 was 104.41%.

# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201610

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	0.00	5,890.98	233,989.38
4. Number of Hours Generator On-line	0.00	5,890.97	232,199.55
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	0.00	7,093,450.00	267,623,125.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-01	9/2/2016	F		744.00	A	4	Unit shutdown due to unidentified RCS leakage. The source of the leak was identified on Core Exit Thermocouple Nozzle Assembly (CETNA) penetration #77. The unit remained shutdown and the refuel outage began on 9/17/16. A canopy seal clamp assembly was installed on the leaking CETNA penetration during RF21.

SUMMARY On September 17, 2016, Wolf Creek Generating Station began refuel outage 21. The unit remained off line through the month of October 2016.



# OPERATING DATA REPORT

DOCKET: 482  
 UNIT\_NME: Wolf Creek Unit 1  
 RPT\_PERIOD: 201611

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	259.27	6,150.25	234,248.65
4. Number of Hours Generator On-line	231.55	6,122.52	232,431.10
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	245,456.00	7,338,906.00	267,868,581.00

## UNIT SHUTDOWNS

No.	Date	Type		Duration (Hours)	Reason 1	Method of Shutting Down 2	Cause - Corrective Action Comments
		F: Forced	S: Scheduled				
16-01	9/2/2016	F		488.45	A	4	Unit shutdown due to unidentified RCS leakage. The source of the leak was identified on Core Exit Thermocouple Nozzle Assembly (CETNA) penetration #77. The unit remained shutdown and the refuel outage began on 9/17/16. A canopy seal clamp assembly was installed on the leaking CETNA penetration during RF21.

**SUMMARY** On September 17, 2016, Wolf Creek Generating Station began Refuel Outage 21. The unit remained off line through the month of October and returned to operation on November 21, 2016. The unit continued to operate in Mode 1 at or near 100% power through November 30, 2016.

# OPERATING DATA REPORT

DOCKET: 482  
UNIT\_NME: Wolf Creek Unit 1  
RPT\_PERIOD: 201612

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	6,894.25	234,992.65
4. Number of Hours Generator On-line	744.00	6,866.52	233,175.10
5. Reserve Shutdown Hours	0.00	0.00	339.80
6. Net Electrical energy Generated (MWHrs)	912,600.00	8,251,506.00	268,781,181.00

## 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 in mode 1, at or near 100% power from December 1, 2016 through December 31, 2016.