

**GENERATOR DEACTIVATIONS\***  
(as of February 26, 2018)

Unit	Capacity	Trans Zone	Age (Years)	Official Owner Request	Requested Deactivation Date	Actual Deactivation Date	PJM Reliability Status
Warren 1	41	PN	54		9/27/2002	9/28/2002	No Reliability Issues
Warren 2	41	PN	53		9/27/2002	9/28/2002	No Reliability Issues
Hudson 3 CT	126	PS	36	10/16/2003	10/16/2003	10/16/2003	No Reliability Issues
Seward 4	60	PN	53	11/19/2003	11/19/2003	11/20/2003	No Reliability Issues
Seward 5	136	PN	47	11/19/2003	11/19/2003	11/20/2003	No Reliability Issues
Sayreville 4	114	JC	49	11/1/2003	2/14/2004	2/16/2004	Reliability Issues Identified and Resolved
Sayreville 5	115	JC	45	11/1/2003	2/14/2004	2/19/2004	Reliability Issues Identified and Resolved
Delaware 7	126	PE	50	12/12/2003	3/1/2004	3/5/2004	No Reliability Issues
Delaware 8	124	PE	51	12/12/2003	3/1/2004	3/6/2004	No Reliability Issues
Burlington 101-104	208	PS	10	1/8/2004	4/4/2004	4/5/2004	No Reliability Issues
Burlington 105	52	PS	31	1/8/2004	4/4/2004	4/6/2004	No Reliability Issues
Wayne CT	56	PN	31	2/12/2004	As soon as possible	5/5/2004	No Reliability Issues
Sherman VCLP	46.6	AE	8	2/2/2004	3/15/2004	6/25/2004	No Reliability Issues
Calumet 31	56	CE	36	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Calumet 34	62	CE	36	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Calumet 34	51	CE	36	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Joliet 31	59	CE	36	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Joliet 32	57	CE	36	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Bloom 33	24	CE	33	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Bloom 34	26	CE	33	10/12/2004	Currently Mottalled - ASAP	7/1/2004	No Reliability Issues
Collins 1	554	CE	26	6/2/2004	12/31/2004	1/1/2005	No Reliability Issues
Collins 2	554	CE	27	6/2/2004	3rd/4th Quarter 2004	1/1/2005	No Reliability Issues
Collins 3	530	CE	27	6/2/2004	12/31/2004	1/1/2005	No Reliability Issues
Collins 4	530	CE	26	6/2/2004	Currently Mottalled - ASAP	1/1/2005	No Reliability Issues
Collins 5	530	CE	25	6/2/2004	Currently Mottalled - ASAP	1/1/2005	No Reliability Issues
Riegel Paper NUG (Millard Power LP)	27	JC	33	6/11/2004	Planned to retire 6/30/04, request delayed until 12/31/04	1/1/2005	No Reliability Issues
STI 3 & 4 (C&I Tractor)	20	ME	15	9/29/2004	11/20/05	1/1/2005	No Reliability Issues
Electric Junction 31	59	CE	34	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues after 1/1/05
Electric Junction 32	59	CE	34	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues after 1/1/05
Electric Junction 33	59	CE	34	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues after 1/1/05
Lombard 32	31	CE	35	10/12/2004	Currently Mottalled - ASAP	1/1/2005	No Reliability Issues
Lombard 33	32	CE	35	10/12/2004	Currently Mottalled - ASAP	1/1/2005	No Reliability Issues
Sabrooke 31	25	CE	35	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues
Sabrooke 32	25	CE	35	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues
Sabrooke 33	24	CE	34	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues after 1/1/05
Sabrooke 34	13	CE	34	10/12/2004	12/31/04 - when contract is complete	1/1/2005	No Reliability Issues after 1/1/05
Madison St. CT	10	DPL	41	10/13/2004	12/31/2004	1/1/2005	No Reliability Issues
Crawford 31	59	CE	36	10/12/2004	ASAP	3/1/2005	Reliability issue identified and resolved
Crawford 32	59	CE	36	10/12/2004	ASAP	3/1/2005	Reliability issue identified and resolved
Crawford 33	59	CE	36	10/12/2004	ASAP	3/1/2005	Reliability issue identified and resolved
Chesapeake CT A	19	AE	10	10/13/2004	4/1/2005	6/1/2005	Reliability issue identified and resolved (Blackstart)
Keamy 7	150	PS	51	9/8/2004	12/7/2004	6/1/2005	Reliability issue identified and resolved
Keamy 8	150	PS	50	9/8/2004	12/7/2004	6/1/2005	Reliability issue identified and resolved
Howard M. Down (Vineyard Unit 7)	8	AE	53	2/24/2005	5/31/2005	6/17/2005	No Reliability Issues
DSM (Hoffman LaRoche)	8	JC	7	9/1/2005	10/1/2006	10/6/2006	No Reliability Issues
Newark Boaboard	52	PS	15	7/6/2005	10/5/2005	10/11/2005	Reliability issue identified and expected to be resolved by 6/2007
Conesville 1	115	AFP	46	9/20/2005	12/31/2005	1/1/2006	Reliability issue (black start) identified and resolved
Conesville 2	115	AFP	48	9/20/2005	12/31/2005	1/1/2006	Reliability issue (black start) identified and resolved
Gule Landfill 1&2	2.2	PEP	20	8/12/2004	3/25/2006	3/25/2006	No Reliability Issues
Bayonne CT1	21	PS	35	3/30/2006	As soon as possible	5/20/2006	No Reliability Issues
Bayonne CT2	21	PS	35	3/30/2006	As soon as possible	5/20/2006	No Reliability Issues
Delaware District	2.7	PE	39	8/20/2006	As soon as possible	10/24/2006	No Reliability Issues
Buzzard Point East	16	PEP	39	2/28/2007	5/31/2007	5/31/2007	Reliability Issues Identified
Marion Creek 1	140	PPL	53	3/19/2004	9/15/2007	9/15/2007	No Reliability Issues
Marion Creek 2	140	PPL	51	3/19/2004	9/15/2007	9/15/2007	No Reliability Issues
Marion Creek DL-D2	5	PPL	40	9/1/2005	9/15/2007	9/15/2007	Reliability issue (black start) identified and resolved
Waukegan B	100	CE	55	1/3/2007	9/1/2007	9/21/2007	No Reliability Issues
Howard M. Down (Vineyard Unit 8)	11	AE	53	5/8/2009	5/7/2009	6/2/2009	No Reliability Issues
Indian River 2	89	DPL	48	9/29/2007	5/1/2010	5/1/2011	Reliability issue identified and resolved
Howard M. Down (Vineyard Unit 9)	17	ACE	49	5/28/2010	8/29/2010	8/29/2010	Reliability analysis complete - impacts identified - generator has elected to deactivate as requested
INGENCO Richmond Plant	3	DOM	18	2/9/2010	8/31/2010	8/31/2010	Reliability analysis complete - no impacts identified
North Branch	74	DOM	18	5/11/2010	7/5/2010	6/1/2010	Reliability analysis complete - no impacts identified
Hill Branch (aka Altavista)	63	DOM	19	6/8/2010	9/6/2010	10/13/2010	Reliability analysis complete - impacts identified - generator has elected to deactivate as requested
Gonsuch	188	ADP	59	5/28/2010	12/15/2010	11/11/2010	Reliability analysis complete - impacts identified - generator has elected to deactivate as requested
Balentine Landfill	3.8	PSEG	9	11/24/2010	2/22/2011	1/22/2011	Reliability analysis complete - no impacts identified
Kronstad Landfill	2.4	PSEG	11	11/24/2010	2/22/2011	1/22/2011	Reliability analysis complete - no impacts identified
Will County 1	151	CE	55	6/4/2007	9/1/2010	12/30/2010	Potential reliability issues identified - can be resolved by summer 2011
Will County 2	146	CE	55	6/4/2007	9/1/2010	12/30/2010	Potential reliability issues identified - can be resolved by summer 2011
Kelly Hawk G11	18	DOM	39	1/19/2011	4/19/2011	3/15/2011	Reliability analysis complete - no impacts identified
Kelly Hawk G12	18	DOM	39	1/19/2011	4/19/2011	3/15/2011	Reliability analysis complete - no impacts identified
Chesapeake 8	17.5	DOM	41	1/19/2011	4/19/2011	3/15/2011	Reliability analysis complete - no impacts identified
Chesapeake 9	16.9	DOM	41	1/19/2011	4/19/2011	3/15/2011	Reliability analysis complete - no impacts identified
Chesapeake 10	16.9	DOM	41	1/19/2011	4/19/2011	3/15/2011	Reliability analysis complete - no impacts identified
Chesapeake 7	16	DOM	40	7/29/2010	7/29/2010	4/9/2011	Reliability analysis complete - no impacts identified
Indian River 1	90	DPL	50	9/29/2007	5/1/2011	5/1/2011	Reliability issues identified and expected to be resolved by 12/2011
Bonnet Island 1B	15	DUO	38	4/20/2011	7/19/2011	6/1/2011	Reliability analysis complete - no impacts identified. Interconnection request submitted to re-start unit in 4th quarter 2015.
Bonnet Island 1C	15	DUO	39	4/20/2011	7/19/2011	6/1/2011	Reliability analysis complete - no impacts identified. Interconnection request submitted to re-start unit in 4th quarter 2015.
Comby 1	144	PE	55	12/2/2009	5/31/2011	5/31/2011	Reliability analysis complete - Reliability impacts identified. Reliability analysis complete - Reliability impacts identified.
Edystone 1	279	PE	49	12/2/2009	5/31/2011	5/31/2011	Reliability analysis complete - Reliability impacts identified. Reliability analysis complete - Reliability impacts identified.
Comby Diesel	2.7	PE	43	5/27/2010	5/31/2011	5/31/2011	Reliability analysis complete - no impacts identified. Reliability analysis complete - no impacts identified. TO plans to complete all required upgrades by June 1, 2013. Gen owner expects to deactivate unit as requested on 6/1/2011.
Bumer 3	94	ATSI	61	6/3/2011	9/1/2011	9/1/2011	Reliability analysis complete - Reliability impacts identified.
Comby 2	203	PE	54	12/2/2009	5/31/2011	12/31/2011	Reliability analysis complete - Reliability impacts identified.
Hudson 1	385	PS	39	9/8/2004	12/7/2004	12/8/2004	PJM has determined that Hudson 1 is no longer needed for its capacity purposes effective December 2, 2011.
Stoom 6	440	AFP	49	10/1/2010	12/31/2010	2/13/2011	Reliability analysis complete - no impacts identified. AFP received approval from Ohio PUC to deactivate unit. AFP received PJM on 2/13/2012 - Unit deactivated.
Hunklock 3	45	UGI	48	1/18/2008	6/1/2010	6/1/2010	Capacity rights from Hunklock 3 to be used as part of interconnection project T17, T17 is in service.
State Line 3	197	ConEd	55	8/25/2011	4/1/2012	3/25/2012	Reliability analysis complete for April 1, 2012 deactivation date - no impacts identified. Potential re-use of CRIs in interconnection project T24.
State Line 4	218	ConEd	48	8/25/2011	4/1/2012	3/25/2012	Reliability analysis complete for April 1, 2012 deactivation date - no impacts identified. Potential re-use of CRIs in interconnection project T24.
Viking Energy NUG	16	PPL	21	7/20/2011	3/10/2012	3/1/2012	Reliability analysis complete - no impacts identified.
Walter C Backwood 1	94	PECO	59	2/1/2012	5/1/2012	5/1/2012	Reliability analysis complete - impacts identified - upgrades scheduled to be completed by May 1, 2012.
Buzzard Point East Banks 1, 2, 4-8	112	PEP	39	2/28/2007	5/31/2012	5/31/2012	Reliability issues identified and expected to be resolved by 5/31/2012.

**GENERATOR DEACTIVATIONS<sup>1</sup>**  
(as of February 26, 2018)

Unit	Capacity	Trans. Zone	Age (Years)	Official Owner Request	Requested Deactivation Date	Actual Deactivation Date	JM Reliability Status
Buzzard Point West Banks 1-8	128	PEP	39	2/28/2007	5/31/2012	5/31/2012	Reliability issues identified and expected to be resolved by 5/31/2012.
Eddystone 2	309	PE	49	12/2/2009	5/31/2011	5/31/2012	Reliability analysis complete - Reliability impacts identified. Results posted.
Niles 2	108	ATB	58	2/28/2012	6/1/2012	6/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Unit deactivated on June 1, 2012.
Eirama 1	93	DUQ	59	2/28/2012	6/1/2012	6/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Unit deactivated on June 1, 2012. Potential re-use of CRs in interconnection project 13-042.
Eirama 2	93	DUQ	59	2/28/2012	6/1/2012	6/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Unit deactivated on June 1, 2012. Potential re-use of CRs in interconnection project 13-042.
Eirama 3	103	DUQ	57	2/28/2012	6/1/2012	6/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Unit deactivated on June 1, 2012. Potential re-use of CRs in interconnection project 13-042.
Keamy 10	122	PSEG	36	4/22/2009	6/1/2012	6/1/2012	Keamy 10 deactivated and capacity rights re-used on new interconnection project.
Keamy 11	128	PSEG	40	4/22/2009	6/1/2012	6/1/2012	Keamy 11 deactivated and capacity rights re-used on new interconnection project.
Berona 15	275	PEP	39	2/28/2007	5/31/2012	7/17/2012	Berona 15 deactivated - required system upgrades completed.
Berona 16	275	PEP	35	2/28/2007	5/31/2012	7/17/2012	Berona 16 deactivated - required system upgrades completed.
Crawford 8	319	ComEd	50	3/8/2012	12/31/2014 (no later than)	8/24/2012	Reliability Analysis Complete. No impacts identified.
Fiak Street 19	326	ComEd	52	3/8/2012	12/31/2014 (no later than)	8/30/2012	Reliability Analysis Complete. No impacts identified.
Crawford 7	213	ComEd	53	3/8/2012	12/31/2014 (no later than)	8/28/2012	Reliability Analysis Complete. No impacts identified.
Viceland 10	29	AE	41	6/13/2011	9/1/2012	9/1/2012	Reliability Analysis complete - no impacts for deactivation Sept 2012. Previously identified baseline upgrade completed as scheduled summer 2012.
Armstrong 1	172	AP	53	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades.
Armstrong 2	171	AP	52	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades.
Bay Shore 2	138	ATB	53	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades. Interconnection project 21-030 requests to re-use capacity rights (CRs) from Bay Shore Unit, U1 and U4.
Bay Shore 3	142	ATB	48	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades. Interconnection project 21-030 requests to re-use capacity rights (CRs) from Bay Shore Unit, U1 and U4.
Bay Shore 4	215	ATB	43	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades. Interconnection project 21-030 requests to re-use capacity rights (CRs) from Bay Shore Unit, U1 and U4.
Eastlake 4	246	ATB	55	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades.
Eastlake 5	597	ATB	39	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades.
R Paul Smith 3	28	AP	64	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades.
R Paul Smith 4	87	AP	43	1/26/2012	9/1/2012	9/1/2012	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will deactivate as scheduled. See posting - FE Generator Deactivation Study Results and Required Upgrades.
Abright 1	73	APS	59	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Abright 2	73	APS	59	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Abright 3	137	APS	57	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Rooseville 5	35	APS	68	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Rooseville 6	86	APS	60	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Willow Island 1	51	APS	63	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Willow Island 2	138	APS	51	2/8/2012	9/1/2012	9/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2013. This generator can be allowed to deactivate as scheduled on 9/1/2012 assuming all upgrades are still on track to be completed as scheduled.
Niles 1	108	ATB	58	2/28/2012	6/1/2012	10/2/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Evaluating options. Unit to be kept in service until October 1, 2012, pending analysis of outages required to implement required system upgrades. Unit deactivated on Oct. 1, 2012. Potential re-use of cap rights from Niles 1 in interconnection project 21-034.
Eirama 4	171	DUQ	51	2/28/2012	6/1/2012	10/1/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Evaluating options. Unit to be kept in service until October 1, 2012, pending analysis of outages required to implement required system upgrades. Unit deactivated on Oct. 1, 2012. Potential re-use of CRs in interconnection project 13-042.

**GENERATOR DEACTIVATIONS<sup>1</sup>**  
(as of February 26, 2018)

Unit	Capacity	Trans. Zone	Age (Years)	Official Owner Request	Requested Deactivation Date	Actual Deactivation Date	PJM Reliability Status
Potomac River 1-5	482	PEP	82	8/30/2011	10/1/2012	10/1/2012	Reliability Analysis complete - no impacts identified. Unit deactivated on Oct. 1, 2012.
SMART Paper	25	DECK	50	5/14/2012	8/10/2012	10/8/2012	Reliability Analysis Complete. No impacts identified. Unit deactivated.
Conesville 3	166	AEF	49	3/22/2012	12/31/2012	12/31/2012	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Generator has deactivated as planned on December 31, 2012.
Schuykill 1	166	PECO	54	10/31/2012	2/1/2013	1/1/2013	Reliability analysis complete - no impacts identified. Unit deactivated on 1/1/13.
Schuykill Diesel	3	PECO	45	10/31/2012	2/1/2013	1/1/2013	Reliability analysis complete - no impacts identified. Unit deactivated on 1/1/13.
Hutchins 4	82	Devon	81	6/28/2012	8/1/2013	6/1/2013	Reliability Analysis Complete. No impacts identified. Unit deactivated on 6/1/2013.
Inceon Peterstun Plant	7.8	DOM	20	7/18/2010	5/31/2011	5/31/2011	Reliability analysis complete - no impacts identified. Unit deactivated on 5/31/11.
Titus 1	81	MetEd	61	2/29/2012 5/15/2013	4/16/2015 9/1/2013	9/1/2013	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generator to deactivate as scheduled. On May 15, 2013 NERC submitted an updated deactivation notice with an effective deactivation date of 9/1/2013. New reliability impacts complete and impacts identified and upgrades cannot be completed by new deactivation date. Generator owner has informed PJM that the unit will deactivate as scheduled on 9/1/2013. Unit deactivated on 9/1/2013.
Titus 2	81	MetEd	60	2/29/2012 5/15/2013	4/16/2015 9/1/2013	9/1/2013	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generator to deactivate as scheduled. On May 15, 2013 NERC submitted an updated deactivation notice with an effective deactivation date of 9/1/2013. New reliability impacts complete and impacts identified and upgrades cannot be completed by new deactivation date. Generator owner has informed PJM that the unit will deactivate as scheduled on 9/1/2013. Unit deactivated on 9/1/2013.
Titus 3	81	MetEd	58	2/29/2012 5/15/2013	4/16/2015 9/1/2013	9/1/2013	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generator to deactivate as scheduled. On May 15, 2013 NERC submitted an updated deactivation notice with an effective deactivation date of 9/1/2013. New reliability impacts complete and impacts identified and upgrades cannot be completed by new deactivation date. Generator owner has informed PJM that the unit will deactivate as scheduled on 9/1/2013. Unit deactivated on 9/1/2013.
Piney Creek NUG	31	PerElec	20	6/25/2013	4/12/2013	4/12/2013	PJM was informed on 6/25/13 the unit had ceased operations on 4/12/13 and was being decommissioned starting on 6/1/13. PJM determined this was a PJM generator since a new operating order a State Title. However, since the unit was a capacity resource, and in light of Planning and Operations needs, PJM has requested Reliability analysis and identified impacts. Solution is an already identified benefits upgrade with a June 2014 expected in-service date. Interim operating procedures are being discussed for decommission.
Koppers Co. IPP	8	PPA	23	7/1/2013	8/30/2013	8/30/2013	Reliability analysis complete. No impacts identified.
Walter C Beckjord 2	94	DECK	58	2/1/2012 4/2/2012 8/27/2013	5/1/2012 4/1/2015 11/21/2013	5/1/2012 4/1/2015 10/1/2013	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 1, 2012. On April 2, 2012 Duke submitted an updated notice to PJM indicating the Deactivation Date for Beckjord 2 and 3 would now be April 1, 2015. On 8/27/2013 PJM received another updated deactivation notice from Duke requesting to deactivate unit no later than 11/21/2013. Reliability analysis showed no impacts with new deactivation date. Unit deactivated on 10/1/2013.
Walter C Beckjord 3	128	DECK	57	2/1/2012 4/2/2012 8/27/2013	5/1/2012 4/1/2015 11/21/2013	5/1/2012 4/1/2015 10/1/2013	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 1, 2012. On April 2, 2012 Duke submitted an updated notice to PJM indicating the Deactivation Date for Beckjord 2 and 3 would now be April 1, 2015. On 8/27/2013 PJM received another updated deactivation notice from Duke requesting to deactivate unit no later than 11/21/2013. Reliability analysis showed no impacts with new deactivation date. Unit deactivated on 10/1/2013.
Hatfield's Ferry 1	530	AP	43	7/8/2013	10/9/2013	10/9/2013	Detailed reliability studies complete. The impacts to the transmission system from the unit deactivation can be mitigated through the completion of required baseline upgrades and the implementation of temporary operating measures in the interim period. Unit not required for system reliability and may deactivate as requested. Unit deactivated on 10/9/2013.
Hatfield's Ferry 2	530	AP	42	7/8/2013	10/9/2013	10/9/2013	Detailed reliability studies complete. The impacts to the transmission system from the unit deactivation can be mitigated through the completion of required baseline upgrades and the implementation of temporary operating measures in the interim period. Unit not required for system reliability and may deactivate as requested. Unit deactivated on 10/9/2013.
Hatfield's Ferry 3	530	AP	41	7/8/2013	10/9/2013	10/9/2013	Detailed reliability studies complete. The impacts to the transmission system from the unit deactivation can be mitigated through the completion of required baseline upgrades and the implementation of temporary operating measures in the interim period. Unit not required for system reliability and may deactivate as requested. Unit deactivated on 10/9/2013.
Mitchell 2	82	AP	63	7/8/2013	10/9/2013	10/9/2013	Detailed reliability studies complete. The impacts to the transmission system from the unit deactivation can be mitigated through the completion of required baseline upgrades and the implementation of temporary operating measures in the interim period. Unit not required for system reliability and may deactivate as requested. Unit deactivated on 10/9/2013.
Mitchell 3	277	AP	49	7/8/2013	10/9/2013	10/9/2013	Detailed reliability studies complete. The impacts to the transmission system from the unit deactivation can be mitigated through the completion of required baseline upgrades and the implementation of temporary operating measures in the interim period. Unit not required for system reliability and may deactivate as requested. Unit deactivated on 10/9/2013.
Indian River 3	170	DPL	40	8/13/2010	12/31/2013	12/31/2013	Reliability analysis complete - reliability impacts identified and expected to be resolved before unit is deactivated. Unit deactivated on 12/31/13.
Mad River CTS A & B	0	ATSI	41	10/11/2013	1/9/2014	1/9/2014	Reliability analysis complete. Two impacts identified. Upgrades expected to be completed in 2015. Operating measures in place in interim period. Unit can deactivate as scheduled. 0 MW capacity rights, but 50 MW (total) capacity. Unit deactivated 1/9/2014.
Modern Power Landfill NUG	0	MetEd	15	1/8/2014	4/8/2014	2/1/2014	Reliability analysis complete - no impacts identified. Unit deactivated 2/1/2014. Unit is 0 MW capacity, 6 MW energy resource.
Walter C Beckjord 4	150	DECK	53	2/1/2012 1/16/2014	4/1/2015 4/16/2014	2/17/2014	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. Upgrades complete. On January 16, 2014 Beckjord U4 submitted an updated deactivation notice with an April 16, 2014 deactivation date. Reliability analysis complete for April 2014 deactivation date and no impacts identified. Unit deactivated on Feb. 17, 2014.
Bl. England Unit 1	128	AE	50	3/27/2013	5/1/2014	5/1/2014	Reliability analysis complete. No reliability impacts - van request to transfer CTRs to Y1-01. Unit deactivated 5/1/2014.
Warren County Landfill	1.9	JCP	7	10/11/2012	1/9/2013	1/9/2013	Reliability Analysis complete. No impacts identified. Also requested to re-use capacity rights for interconnection project Y2-018. New solar facility in service and re-used interconnect capacity.
Riverside R.	118	BGE	82	10/31/2012	8/1/2014	6/1/2014	Reliability Analysis complete. No impacts identified.
Burinton B GT	184	PS&G	46	8/10/2012	8/1/2014	6/1/2014	Reliability Analysis complete. Impacts identified and not expected to be completed till June 2015. Upgrades identified are already identified baseline upgrades with a June 2015 expected in-service date. Transmission owners expect control to completing these upgrades by June 2014. In addition, generator is affected by the conversion of the interconnect sub to 230 kV which is a required baseline upgrade and scheduled to be completed by June 2014. Unit deactivated.
Deepwater 1	78	AE	53	4/5/2012 9/8/2013	5/31/2015 5/31/2014	5/31/2015 5/31/2014	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On Sept 4, 2013 PJM received an updated deactivation notice indicating the Deepwater units would now be deactivated on May 31, 2014. Updated reliability analysis complete. One impact identified and expected to be completed before June 1, 2014. Unit deactivated on 5/31/2014.
Deepwater 6	80	AE	57	4/5/2012 9/8/2013	5/31/2015 5/31/2014	5/31/2015 5/31/2014	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On Sept 4, 2013 PJM received an updated deactivation notice indicating the Deepwater units would now be deactivated on May 31, 2014. Updated reliability analysis complete. One impact identified and expected to be completed before June 1, 2014. Unit deactivated on 5/31/2014.

**GENERATOR DEACTIVATIONS<sup>1</sup>**  
(as of February 26, 2018)

Unit	Capacity	Trans. Zone	Age (Years)	Official Owner Request	Requested Deactivation Date	Actual Deactivation Date	PJM Reliability Status
Portland 1	158	MedE	53	2/29/2012 5/15/2013	1/7/2015 6/1/2014	1/7/2015 6/1/2014	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generator to deactivate as scheduled. On May 15, 2013 NRG submitted an updated deactivation notice with an effective deactivation date of 6/1/2014. New reliability analysis complete. Impacts identified and upgrades expected to be completed by new deactivation date (June 1, 2014). Portland 1 considering the re-use of CIRs. Unit deactivated on 6/1/2014. Portland submitted their interconnection issue request.
Portland 2	243	MedE	49	2/29/2012 5/15/2013	1/7/2015 6/1/2014	1/7/2015 6/1/2014	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generator to deactivate as scheduled. On May 15, 2013 NRG submitted an updated deactivation notice with an effective deactivation date of 6/1/2014. New reliability analysis complete. Impacts identified and upgrades expected to be completed by new deactivation date (June 1, 2014). Portland 2 considering the re-use of CIRs. Unit deactivated on 6/1/2014. Portland submitted their interconnection issue request.
Sunbury 3	94	PPL	62	10/17/2013 11/7/2013 4/14/2014	4/13/2015 6/1/2015 7/18/2014	4/13/2015 6/1/2015 7/18/2014	Reliability analysis complete. Impacts identified. Upgrades and interim operating measures expected to be completed in 2nd quarter 2015. In addition requested to re-use CIRs for project Z1-090. On 4/14/2014 Sunbury submitted an updated deactivation notice with a new deactivation date of July 18, 2014. New reliability analysis complete. Impacts identified. Upgrades expected to be completed by June 1, 2015. Interim operating measures have been developed that can be utilized during the period from July 2014 until upgrades are completed. Thus Sunbury can deactivate on July 18, 2014.
Sunbury 1	80	PPL	64	11/7/2013 4/14/2014	6/1/2015 7/18/2014	6/1/2015 7/18/2014	Reliability analysis complete. Impacts identified. Upgrades and interim operating measures expected to be completed in 2nd quarter 2015. In addition requested to re-use CIRs for project Z1-090. On 4/14/2014 Sunbury submitted an updated deactivation notice with a new deactivation date of July 18, 2014. New reliability analysis complete. Impacts identified. Upgrades expected to be completed by June 1, 2015. Interim operating measures have been developed that can be utilized during the period from July 2014 until upgrades are completed. Thus Sunbury can deactivate on July 18, 2014.
Sunbury 2	80	PPL	64	11/7/2013 4/14/2014	6/1/2015 7/18/2014	6/1/2015 7/18/2014	Reliability analysis complete. Impacts identified. Upgrades and interim operating measures expected to be completed in 2nd quarter 2015. In addition requested to re-use CIRs for project Z1-090. On 4/14/2014 Sunbury submitted an updated deactivation notice with a new deactivation date of July 18, 2014. New reliability analysis complete. Impacts identified. Upgrades expected to be completed by June 1, 2015. Interim operating measures have been developed that can be utilized during the period from July 2014 until upgrades are completed. Thus Sunbury can deactivate on July 18, 2014.
Sunbury 4	128	PPL	60	11/7/2013 4/14/2014	6/1/2015 7/18/2014	6/1/2015 7/18/2014	Reliability analysis complete. Impacts identified. Upgrades and interim operating measures expected to be completed in 2nd quarter 2015. In addition requested to re-use CIRs for project Z1-090. On 4/14/2014 Sunbury submitted an updated deactivation notice with a new deactivation date of July 18, 2014. New reliability analysis complete. Impacts identified. Upgrades expected to be completed by June 1, 2015. Interim operating measures have been developed that can be utilized during the period from July 2014 until upgrades are completed. Thus Sunbury can deactivate on July 18, 2014.
Walter C Backford 5	238	DECK	49	2/1/2012 08/28/2014	4/1/2015 11/26/2014	4/1/2015 10/01/2014	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. On 8/29/2014 PJM received an updated deactivation notice from Duke indicating that Backford 5 would be deactivated no later than 11/26/2014. Updated Reliability Analysis complete. No impacts identified. Unit deactivated on 10/01/2014.
Walter C Backford 6	414	DECK	42	2/1/2012 08/28/2014	4/1/2015 11/26/2014	4/1/2015 10/01/2014	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by June 2014. On 8/29/2014 PJM received an updated deactivation notice from Duke indicating that Backford 6 would be deactivated no later than 11/26/2014. Updated Reliability Analysis complete. No impacts identified. Unit deactivated on 10/01/2014.
Winnebago Landfill	6.4	ComEd	6	9/30/2014	12/23/2014	11/7/2014	Reliability analysis complete. No impacts identified. Unit de-activated at any time. Unit deactivated on 11/01/2014.
Chesapeake 1	111	DOM	58	11/15/2011	12/31/2014	12/23/2014	Reliability Analysis complete. Impacts identified. Upgrades expected to be completed by June 2015. Unit deactivated on 12/23/2014.
Chesapeake 2	111	DOM	58	11/15/2011	12/31/2014	12/23/2014	Reliability Analysis complete. Impacts identified. Upgrades expected to be completed by June 2015. Unit deactivated on 12/23/2014.
Chesapeake 3	147	DOM	52	11/15/2011 10/11/2012	12/31/2015 12/31/2014	12/23/2014	Reliability Analysis complete. Impacts identified. Upgrades expected to be completed by June 2016. On 10/11/2012 generator submitted an updated deactivation request changing the deactivation date to 12/31/14. Reliability analysis complete. Previously identified baseline upgrades are still needed to be completed by June 2015. In addition a new reliability issue was identified and a previously identified baseline upgrade will need to be accelerated and completed by June 2015. It is expected that the Chesapeake 3 generating unit will deactivate on December 31, 2014. Unit deactivated on 12/23/2014.
Chesapeake 4	207	DOM	49	11/15/2011 10/11/2012	12/31/2015 12/31/2014	12/23/2014	Reliability Analysis complete. Impacts identified. Upgrades expected to be completed by June 2016. On 10/11/2012 generator submitted an updated deactivation request changing the deactivation date to 12/31/14. Reliability analysis complete. Previously identified baseline upgrades are still needed to be completed by June 2015. In addition a new reliability issue was identified and a previously identified baseline upgrade will need to be accelerated and completed by June 2015. It is expected that the Chesapeake 4 generating unit will deactivate on December 31, 2014. Unit deactivated on 12/23/2014.
Walter C Backford GT1	47	DECK	42	9/28/2014	12/25/2014	12/31/2014	Reliability analysis complete. Impact identified and upgrade expected to be completed by end of 2016. Operating measures will be utilized in interim period. Unit deactivated on 12/31/2014.
Walter C Backford GT2	47	DECK	42	9/28/2014	12/25/2014	12/31/2014	Reliability analysis complete. Impact identified and upgrade expected to be completed by end of 2016. Operating measures will be utilized in interim period. Unit deactivated on 12/31/2014.
Walter C Backford GT3	47	DECK	42	9/28/2014	12/25/2014	12/31/2014	Reliability analysis complete. Impact identified and upgrade expected to be completed by end of 2016. Operating measures will be utilized in interim period. Unit deactivated on 12/31/2014.
Walter C Backford GT4	47	DECK	42	9/28/2014	12/25/2014	12/31/2014	Reliability analysis complete. Impact identified and upgrade expected to be completed by end of 2016. Operating measures will be utilized in interim period. Unit deactivated on 12/31/2014.
Kinslev Landfill	1.4	PSEG	26	9/18/2014	12/31/2014	12/31/2014	Reliability analysis complete. No impacts identified. Unit deactivated on 12/31/2014.
Cedar 1	44	AE	39	4/5/2012 1/20/2015	5/31/2015 4/20/2015	1/28/2015	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On 1/20/2015 PJM received an updated deactivation notice for Cedar 11 requesting to deactivate 4/20/2015 as ASAP. PJM evaluating impacts of immediate deactivation. No impacts identified with immediate deactivation. Unit deactivated on 1/28/2015.
Astabula 6	244	ATSI	53	1/26/2012	9/1/2012	4/11/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will continue to operate as upgrades to transmission system are constructed - estimated 8/1 June 1, 2015. See posting: FE Generator Deactivation Study Results and Request for Comments - Unit deactivated on 4/11/2015.
Eastlake 1	132	ATSI	58	1/26/2012	4/15/2015	4/9/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 2016. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will continue to operate as upgrades to transmission system are constructed - estimated 8/1 June 1, 2015. See posting: FE Generator Deactivation Study Results and Request for Comments. PJM determined that Eastlake 1 will no longer be required for reliability reasons (RAR) after 9/15/2014. See 2/16/2014 TEAC Meeting (Reliability Analysis materials dated 2/12/14). On August 22, 2014 PJM received a notice from First Energy that Eastlake 1 will continue to operate past the September 15, 2014 deactivation date, until April 15, 2015, on a market basis. Unit deactivated on 4/9/2015.

**GENERATOR DEACTIVATIONS<sup>1</sup>**  
(as of February 26, 2018)

Unit	Capacity	Trans. Zone	Age (Years)	Official Owner Request	Requested Deactivation Date	Actual Deactivation Date	PJM Reliability Status
Eastlake 2	132	ATB	58	1/26/2012	9/1/2012 4/15/2015	4/8/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 2015. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will continue to operate as upgrades to transmission system are constructed - estimated for June 1, 2015. See posting - FE Generator Deactivation Study Results and Requested Upgrades. PJM determined that Eastlake 2 will no longer be required for reliability reasons (RMR) after 9/15/2014. See 2/16/2014 TEAC Meeting (Reliability Analysis materials dated 2/12/14). On August 22, 2014 PJM received a notice from First Energy that Eastlake 2 will continue to operate past the September 15, 2014 deactivation date, until April 15, 2015, on a market basis. Unit deactivated on 4/8/2015.
Eastlake 3	132	ATB	57	1/26/2012	9/1/2012 4/15/2015	4/10/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 2015. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will continue to operate as upgrades to transmission system are constructed - estimated for June 1, 2015. See posting - FE Generator Deactivation Study Results and Requested Upgrades. PJM determined that Eastlake 3 will no longer be required for reliability reasons (RMR) after 9/15/2014. See 2/16/2014 TEAC Meeting (Reliability Analysis materials dated 2/12/14). On August 22, 2014 PJM received a notice from First Energy that Eastlake 3 will continue to operate past the September 15, 2014 deactivation date, until April 15, 2015, on a market basis. Unit deactivated on 4/10/2015.
Lake Shore 18	245	ATB	49	1/26/2012	9/1/2012 4/15/2015	4/13/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 2015. Further refinement of the reliability analysis, required upgrades, and generator deactivation schedule continues. Unit will continue to operate as upgrades to transmission system are constructed - estimated for June 1, 2015. See posting - FE Generator Deactivation Study Results and Requested Upgrades. PJM determined that Lake Shore 18 will no longer be required for reliability reasons (RMR) after 9/15/2014. See 2/16/2014 TEAC Meeting (Reliability Analysis materials dated 2/12/14). On August 22, 2014 PJM received a notice from First Energy that Lake Shore 18 will continue to operate past the September 15, 2014 deactivation date, until April 15, 2015, on a market basis. Unit deactivated on 4/13/2015.
Will County 3	251	ComEd	57	8/22/2014	4/15/2015	4/15/2015	Reliability analysis complete. No impacts identified. Unit deactivated on 4/15/15.
Gilbert CT C1	23	JCP&L	42	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Gilbert CT C2	25	JCP&L	42	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Gilbert CT C3	25	JCP&L	42	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Gilbert CT C4	25	JCP&L	42	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Glen Gardner CT 1	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 2	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 3	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 4	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 5	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 6	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 7	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Glen Gardner CT 8	20	JCP&L	40	2/29/2012	5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades and operating procedures expected to be in place by May 2015 to allow generators to deactivate as scheduled. Unit deactivated 5/1/2015.
Warner CT C1	53	JCP&L	40	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Warner CT C2	53	JCP&L	40	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Warner CT C3	53	JCP&L	40	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Warner CT C4	53	JCP&L	40	1/22/2013	5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. Unit deactivated 5/1/2015.
Cedar 2	22	AE	38	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Middle Energy Center 1	19	AE	42	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Middle Energy Center 2	20	AE	42	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Middle Energy Center 3	36	AE	41	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Missouri Ave CTB	20	AE	42	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Missouri Ave CTC	20	AE	42	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Missouri Ave CTD	20	AE	42	4/5/2012 1/26/2015	5/3/2015 5/1/2015	5/1/2015	Reliability Analysis complete - impacts identified - upgrades scheduled to be completed by May 2015. On January 26, 2015 gen owner informed PJM that unit will deactivate on May 1, 2015 due to NJ environmental rules. Unit deactivated on 5/1/2015.
Hutchins 1	53	Davton	63	5/3/2012	6/1/2015	6/1/2015	Reliability Analysis Complete. No impacts identified. Unit deactivated on 6/1/2015.
Hutchins 2	50	Davton	63	5/3/2012	6/1/2015	6/1/2015	Reliability Analysis Complete. No impacts identified. Unit deactivated on 6/1/2015.
Hutchins 3	59	Davton	62	1/1/2013	6/1/2015	6/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 1, 2015. Unit deactivated on 6/1/2015.
Hutchins 5	58	Davton	60	1/1/2013	6/1/2015	6/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 1, 2015. Unit deactivated on 6/1/2015.
Hutchins 6	57	Davton	59	1/1/2013	6/1/2015	6/1/2015	Reliability analysis complete. Impacts identified and expected to be resolved by June 1, 2015. Unit deactivated on 6/1/2015.
Kearney 9	21	PSEG	43	12/1/2011	6/1/2015	6/1/2015	Reliability Analysis Complete. Impacts identified and expected to be resolved in three - four years. Working with affected TO to finalize upgrade schedule. Unit deactivated 6/1/2015.
Beacon 3	21	PSEG	44	12/1/2011	6/1/2015	6/1/2015	Reliability Analysis Complete. Impacts identified and expected to be resolved in three - four years. Working with affected TO to finalize upgrade schedule. Unit deactivated 6/1/2015.
Burlington 8	21	PSEG	44	12/1/2011	6/1/2015	6/1/2015	Reliability Analysis Complete. Impacts identified and expected to be resolved in three - four years. Working with affected TO to finalize upgrade schedule. Unit deactivated 6/1/2015.



**GENERATOR DEACTIVATIONS'  
(as of February 26, 2018)**

Unit	Capacity	Trans. Zone	Age (Years)	Official Owner Request	Requested Deactivation Date	Actual Deactivation Date	PJM Reliability Status
Lake Knoman	115	DOM	26	2/2/2015	5/31/2015	6/19/2015	Reliability analysis complete. Impacts identified and upgrades expected to be completed by 2nd quarter of 2016. Temporary operating measures will be utilized in interim period. Unit expected to deactivate as scheduled. Unit deactivated on 6/19/2015.
AES Beaver Valley	125	DVD	28	11/4/2013 6/1/2015	6/1/2017 9/1/2015	9/1/2015	Reliability analysis complete. Impacts identified. Upgrades and interim operating measures expected to be completed in 2nd quarter 2017. On 6/1/2015 AES Beaver Valley submitted an updated deactivation notice for 9/1/2015. New reliability analysis complete. Impacts identified. Upgrades identified (waiting baseline upgrade) that needs to be accelerated. Interim Operating measure identified. Unit can deactivate as scheduled on 9/1/2015. Unit deactivated on 9/1/2015.
Burger EMD	7	ATB	42	12/1/2015	5/31/2016 9/18/2015	8/18/2015	Reliability analysis complete. No impacts identified. On 6/19/2015 FE submitted an updated deactivation notice with a new deactivation date of September 18, 2015. Unit deactivated on 9/18/2015.
Arnold (Green Mountain) Wind Farm	0.7	Penitas	15	8/7/2015	11/5/2015	12/1/2015	10 MW energy. Reliability analysis complete. No impacts identified. Re-use interconnection for Z1-066. Owner requested to move deactivation date out till 12/18/2015. Owner deactivated unit on 12/1/2015.
Pohstown LF (Mosen)	2	PECO	26	10/15/2015	11/5/2016	12/7/2016	Reliability analysis complete. No impacts identified. Unit deactivated on 12/7/2016.
Parman 2	51	BGE	43	10/2/2015	1/1/2016	2/1/2016	Reliability analysis complete. Line impact identified resolved via an existing baseline upgrade, which is expected to be completed by June 2017. Interim operating measures identified and can be utilized until baseline upgrade complete. Unit expected to deactivate as scheduled. Unit deactivated on 2/1/2016.
Fauquier County Landfill	0	DOM	11	11/25/2015	2/29/2016	1/31/2016	Reliability analysis complete. No impacts identified. 0 MW capacity, 2 MW energy. Unit deactivated 1/31/2016.
Avon Lake 7	94.6	ATB	66	12/1/2015	4/16/2016	4/16/2016	Reliability analysis complete. Impacts identified, resolved via existing baseline upgrades, which are not expected to be completed until 2018. Interim operating measures identified and can be utilized until baseline upgrades complete. Unit deactivated on 4/16/2016.
Dale 3	74	EXPC	56	3/27/2014	4/16/2016	4/16/2016	Reliability analysis complete. No impacts identified. Dale U3 requested, and was granted, a compliance extension from Kentucky. Unit will now deactivate on 4/16/16. Unit deactivated on 4/16/2016.
Dale 4	73	EXPC	53	3/27/2014	4/16/2016	4/16/2016	Reliability analysis complete. No impacts identified. Dale U4 requested, and was granted, a compliance extension from Kentucky. Unit will now deactivate on 4/16/16. Unit deactivated on 4/16/2016.
BL England Diesel(s) (IC1, IC2, IC3, IC4)	8	AE	51	1/7/2013 01/15/2015	10/1/2015 05/31/2016	10/1/2015 05/31/2016	No reliability impacts - with request to transfer CRs to Y1-001. On 01/15/2015 PJM received an updated deactivation notice from BL England stating diesel units deactivation date moved out till May 31, 2016. Still will reuse diesel CRs for Y1-001. Unit deactivated on 5/31/2016.
Riverside 4	76	BGE	62	11/30/2013 4/17/2014	6/1/2016 6/1/2015	6/1/2016	Reliability analysis complete. No issues identified. On 4/17/2014 Riverside submitted an updated deactivation notice with a new deactivation date of 6/1/2015. New reliability analysis complete. No issues identified. Gen owner will keep unit operating until 6/1/2016. Unit deactivated on 6/1/2016.
Warren County Landfill Generator	1.5	JCP&L	10	3/1/2016	8/1/2016	6/1/2016	Reliability analysis complete. No impacts identified. Unit deactivated on 6/1/2016.
Columbia Dam Hydro (Columbia H)	0.5	JCP&L	0	8/19/2016	11/16/2016	10/29/2016	Reliability analysis complete. No impacts identified. Unit deactivated on 10/29/2016.
Harrisburg 4 CT	14	PPL	49	8/9/2016	11/17/2016	11/17/2016	Reliability analysis complete. No impacts identified. Unit deactivated on 11/17/2016.
Rolling Hills Landfill Generator	0	MetEd	10	9/12/2016	12/7/2016	12/7/2016	Reliability analysis complete. No impacts identified. 0 MW capacity and 6 MW energy.
Worcester County Landfill	0	DPL	8	12/5/2016	3/5/2017	12/23/2016	2 MW Energy. Reliability analysis complete. No impacts identified. Unit deactivated on 12/23/2016.
Roanoke Valley 1	166	DOM	22	12/1/2016	3/3/2017	3/3/2017	Reliability analysis complete. No impacts identified. Unit deactivated on 3/3/2017.
Roanoke Valley 2	44	DOM	21	12/1/2016	3/1/2017	3/1/2017	Reliability analysis complete. No impacts identified. Unit deactivated on 3/1/2017.
McKee 1	17	DPL	52	2/19/2014	5/31/2017	5/31/2017	Reliability analysis complete. No impacts identified. Unit deactivated on 5/31/2017.
McKee 2	17	DPL	52	2/19/2014	5/31/2017	5/31/2017	Reliability analysis complete. No impacts identified. Unit deactivated on 5/31/2017.
Hudson 2	617.9	PSEG	47	10/5/2016	6/1/2017	6/1/2017	will be resolved by existing baseline upgrades that are scheduled to be completed by May 2018. Interim operating measures identified and unit expected to deactivate as scheduled. Unit deactivated on 6/1/2017.
Mercer 1	321	PSEG	55	10/5/2016	6/1/2017	6/1/2017	Reliability analysis complete. Impacts identified and will be resolved by upgrades that are scheduled to be completed in 2018. Interim operating measures identified and unit expected to deactivate as scheduled. Unit deactivated on 6/1/2017.
Mercer 2	320.3	PSEG	55	10/5/2016	6/1/2017	6/1/2017	Reliability analysis complete. Impacts identified and will be resolved by upgrades that are scheduled to be completed in 2018. Interim operating measures identified and unit expected to deactivate as scheduled. Unit deactivated on 6/1/2017.
GUIDE Landfill	0.8	PEPCO	11	5/28/2017	8/24/2017	8/24/2017	Reliability analysis complete. No impacts identified.
Stuart 1	580.6	Darton	45	3/17/2017 6/30/2017	6/1/2018 9/30/2017	8/30/2017	Reliability analysis complete. Impacts identified and will be resolved by a combination of previously approved baseline upgrades and new baseline upgrades. Working with affected TOs on an estimated completion schedule for upgrades. PJM is running additional analysis to study reliability during the interim period (deactivation date until the date the upgrades are scheduled to be completed). Additional analysis complete. The results of the analysis revealed that a combination of interim operating measures and timely completion of certain baseline upgrades will maintain system reliability, and therefore, the unit may deactivate as scheduled on June 1, 2018. On 6/30/2017 Dayton submitted an updated deactivation notice for Stuart 1 with a new deactivation date of 9/30/2017. Updated Reliability analysis complete - same impacts identified. Same interim solutions. Unit can deactivate as planned on September 30, 2017.
Talk Battery	0	Darton	4	9/1/2017	12/31/2017	12/13/2017	Reliability analysis complete. No impacts identified. 0 MW capacity, 20 MW energy - battery.
Dixon Lee Landfill Generator	3.7	ComEd	18	12/8/2017	3/8/2018	1/10/2018	Reliability analysis complete. No impacts identified.
BL England 3	148.9	AE	42	12/29/2016	4/30/2017	1/24/2018	Reliability analysis complete. Impacts identified but will be resolved by previously approved baseline upgrades, which are currently scheduled to be completed in 2 years. PJM is running additional analysis to study reliability during the interim period (deactivation date until the date the upgrades are scheduled to be completed). Additional studies complete and confirmed reliability impacts if generator deactivates as requested. Impacts are resolved via the completion of previously approved baseline upgrades, currently scheduled to be fully completed by May 2019. Unit will continue to operate under RMR. PJM will run analysis again once a portion of the upgrades are completed. Based upon the new outage schedule provided by the TO for completion of the required upgrades, PJM has determined that U3 is no longer needed for an RMR and can deactivate on 1/24/2018. Unit deactivated on 1/24/2018.
Brunner Island Diesels	8.1	PPL	50	9/1/2017	11/27/2017	2/25/2018	Reliability analysis complete. No impacts identified.
<b>Total Deactivated: 32,862</b>							

NOTE (1): This list includes retirements addressed as part of the PJM retirement process started in 2003. The list does not include generators retired prior to 2003.