

Attachment 2 - Existing Combined Cycle Turbines in New Jersey

Sr. No.	Facility and Location	PI	Capacit y	Air Pollution Controls	NOx RACT Rule limit				NOx SOTA Limit		Currently Permitted NOx				Most recent Stack tested NOx		Actual NOx (2018 Emission Statement				
					ppmvd@ 15%O2 ^a		Lb/MWH		ppmvd@ 15%O2		ppmvd@ 15%O2		Averagin g Period	TPY	ppmvd@ 15%O2		TPY	Tons durin g ozone season	Lb/Da y durin g ozone season	Tons durin g ozone season	Lb/Da y during ozone season
			MW		Gas	Oil	Gas	Oil	Gas	Oil	Gas	Oil			Gas	Oil					
1	Linden Cogen Plant Railroad Ave Linden, NJ 07036	41809	143	Steam Injection SCR	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	7.4	NA	3-hour rolling	153	6.72	NA	82.34	39.2	512	0.00	0.00
2	Linden Cogen Plant Railroad Ave Linden, NJ 07036	41809	143	Steam Injection SCR	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	7.4	NA	3-hour rolling	153	5.94	NA	88.32	34.4	450	0.00	0.00
3	Linden Cogen Plant Railroad Ave Linden, NJ 07036	41809	143	Steam Injection SCR	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	7.4	NA	3-hour rolling	153	6.47	NA	85.36	40.6	531	0.00	0.00
4	Linden Cogen Plant Railroad Ave Linden, NJ 07036	41809	143	Steam Injection SCR	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	7.4	NA	3-hour rolling	153	5.97	NA	95.48	36.7	480	0.00	0.00
5	Linden Cogen Plant Railroad Ave Linden, NJ 07036	41809	143	Steam Injection SCR	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	7.4	NA	3-hour rolling	153	6.35	NA	90.25	36.7	480	0.00	0.00
6	Linden Cogen Plant Railroad Ave Linden, NJ 07036	41809	181	Dry Low NOx SCR	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	1.4	6	3-hour rolling	84.8	1.4	4.3	35.66	15.4	202	0.28	3.66

7	Bergen Generating Station 10 Victoria Ter Ridgefield, NJ 07657 Bergen County	02488	125	Dry Low NOx	25	42	0.75	1.20	12/2.5 ^b	25/3.5 ^c	12	42	3-hour rolling	257	7.5	36.3	60.98	25.0	327	0.00	0.00
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8	Bergen Generating Station 10 Victoria Ter Ridgefield, NJ 07657 Bergen County	02488	125	Dry Low NOx	25	42	0.75	1.20	12/2.5 b	25/3.5 c	12	42	3-hour rolling	257	8.1	34.1	50.31	24.0	313	0.00	0.00
9	Bergen Generating Station 10 Victoria Ter Ridgefield, NJ 07657 Bergen County	02488	125	Dry Low NOx	25	42	0.75	1.20	12/2.5 b	25/3.5 c	12	42	3-hour rolling	257	6.8	39.6	57.94	26.7	348	0.00	0.00
10	Bergen Generating Station 10 Victoria Ter Ridgefield, NJ 07657 Bergen County	02488	125	Dry Low NOx	25	42	0.75	1.20	12/2.5 b	25/3.5 c	12	42	3-hour rolling	257	8.1	31.6	51.15	24.8	324	0.00	0.00
11	Bergen Generating Station 10 Victoria Ter Ridgefield, NJ 07657 Bergen County	02488	272.5	Dry Low NOx	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2.5	6.0	3-hour rolling	77.5	1.2	5.2	27.83	12.8	168	0.00	0.00
12	Bergen Generating Station 10 Victoria Ter Ridgefield, NJ 07657 Bergen County	02488	272.5	SCR	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2.5	6.0	3-hour rolling	77.5	1.2	5.4	61.81	16.9	221	0.00	0.00
13	Sewaren Generating Station 751 Cliff Rd Sewaren, NJ 07077 Middlesex County	18068	585	Dry Low NOx SCR	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2.0	4.0	3-hour rolling	146	----- -	----- --	50.74	34.7	453	0.00	0.00
14	Linden Generating Station 4001 S Wood Ave Union, NJ 07036	41810	300	Dry Low NOx SCR	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2.0	6.0	3-hour rolling	65	1.0	4.6	29.61	13.8	180	0.00	0.06

15	Linden Generating Station 4001 S Wood Ave Union, NJ 07036	41810	300	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	2.0	6.0	3-hour rolling	65	1.0	4.4	26.3	13.6	177	0.00	0.00
16	Linden Generating Station 4001 S Wood Ave Union, NJ 07036	41810	300	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	2.0	6.0	3-hour rolling	65	1.0	5.0	33.64	13.5	177	0.01	0.13
17	Linden Generating Station 4001 S Wood Ave Union, NJ 07036	41810	300	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	2.0	6.0	3-hour rolling	65	1.0	5.3	37.25	14.6	191	.01	.12
18	Gilbert Generating Station Rt. 627 Holland Twp Milford, NJ 08848	80002	49	Dry NOx Water Injection	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	NA	Average of 3 1-hour Tests	102	6.1	NA	0.3	0.30	3.92	0.00	0.00
19	Gilbert Generating Station Rt. 627 Holland Twp Milford, NJ 08848	80002	49	Dry NOx Water Injection	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	NA	Average of 3 1-hour Tests	102	5.4	NA	0.2	0.20	2.61	0.00	0.00
20	Gilbert Generating Station Rt. 627 Holland Twp Milford, NJ 08848	80002	49	Dry NOx Water Injection	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	NA	Average of 3 1-hour Tests	102	3.4	NA	0.3	0.30	3.92	0.00	0.00
21	Gilbert Generating Station Rt. 627 Holland Twp Milford, NJ 08848	80002	49	Dry NOx Water Injection	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	NA	Average of 3 1-hour Tests	102	4.5	NA	0.3	0.20	2.61	0.00	0.00
22	Pedricktown Cogeneration Plant 143 Rt 130 & Porcupine Rd Oldsman Township, NJ 08067	65497	135	Steam Injection SCR		25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	9.0	21	3-hour rolling	194	7.6	8.5	8.06	6.47	84.6	0.00	0.00

23	Newark Bay Cogeneration Plant 414-462 Ave. P Newark, NJ 07105	07617	70	SCR	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	8.3	20	3-hour rolling	88.7	3.6	12.5	2.6	1.86	24.3	0.00	0.00
24	Newark Bay Cogeneration Plant 414-462 Ave. P Newark, NJ 07105	07617	70	SCR	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	8.3	20	3-hour rolling	88.7	3.9	16.6	3.0	2.31	30.2	0.00	0.00
25	Elmwood Park Power 15 River Rd Elmwood Park, NJ 07407	02624	80	Water Injection	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	42	Calendar Day	282	21.4	----- --	0.94	0.83	10.9	0.00	0.00
26	Camden Plant Holdings 522 Chelton Ave. & 6th St. Camden, NJ 08104	51608	157	Water Injection SCR	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	8.7	14	3-hour rolling	168.6	7.4	----- ---	10.27	8.47	111	0.00	0.00
27	Sayreville Cogen Facility 601 Jernee Mill Rd Sayreville, NJ 08872	18072	113	Steam Injection	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	NA	3-hour rolling	492	21.9	NA	116.5	74.9	979	0.00	0.00
28	Sayreville Cogen Facility 601 Jernee Mill Rd Sayreville, NJ 08872	18072	113	Steam Injection	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	NA	3-hour rolling	492	20.1	NA	117	75.8	991	0.00	0.00
29	Parlin Energy Center 790 Washington Rd Parlin, NJ 08859	18061	70	Water/ULSD Injection SCR	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	42	Calendar Day	113.9	11.9	18	2.71	2.18	28.5	0.00	0.00
30	Parlin Energy Center 790 Washington Rd Parlin, NJ 08859	18061	70	Water/ULSD Injection SCR	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	25	42	Calendar Day	113.9	12.4	20	2.88	2.58	33.7	0.00	0.00
31	Red Oak Power 832 Red Oak lane Sayreville, NJ 08872	18195	283	Dry Low NOx SCR	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	3	NA	3-hour rolling	94.7	2.72	NA	54.65	29.3	383	0.00	0.00
32	Red Oak Power 832 Red Oak lane	18195	283	Dry Low NOx	25	42	0.75	1.20	12/2.5 _b	25/3.5 _c	3	NA	3-hour rolling	94.7	2.83	NA	49.64	26.9	352	0.00	0.00

	Sayreville, NJ 08872			SCR																		
33	Red Oak Power 832 Red Oak lane Sayreville, NJ 08872	1819 5	283	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 b	25/3.5 c	3	NA	3-hour rolling	94.7	2.3 4	NA	54.75	28.6	374	0.00	0.00
34	West Deptford Energy Station 3 Paradise Rd West Deptford, NJ 08086	5607 8	385	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2	NA	3-hour rolling	87.2 5	1.4	NA	44.6	19.4	253	0.00	0.00
35	West Deptford Energy Station 3 Paradise Rd West Deptford, NJ 08086	5607 8	385	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2	NA	3-hour rolling	87.2 5	1.3	NA	53.3	20.0	267	0.00	0.00
36	Newark Energy Center Doremus Ave & Delancey St. Newark, NJ 07105	0885 7	352.5	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2	NA	3-hour rolling	68.5	1.8	NA	47.75	20.9	273	0.00	0.00
37	Newark Energy Center Doremus Ave & Delancey St. Newark, NJ 07105	0885 7	352.5	Dry NOx SCR	Low	25	42	0.75	1.20	12/2.5 b	25/3.5 c	2	NA	3-hour rolling	68.5	1.5 7	NA	47.69	20.3	266	0.00	0.00
38	Eagle Point Power Generation LLC 1250 Crown Point Road West Deptford, NJ 08096	5622 0	144	Dry NOx	Low	25	42	0.75	1.20	12/2.5 b	25/3.5 c	7	42	3-hour rolling	122. 5	6.4	40. 2	26.68	21.8	285	0.51	6.67

38	Eagle Point Power Generation LLC 1250 Crown Point Road West Deptford, NJ 08096	56220	144	Dry NOx	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 ^c	7	42	3-hour rolling	122.5	5.6	36.9	30.71	23.0	301	0.02	0.26
40	Woodbridge Energy Center Industrial Hwy Woodbridge, NJ 07095	18940	362	Dry NOx	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 ^c	2	NA	3-hour rolling	72.95	1.36	NA	45.2	20.0	261	0.00	0.00
41	Woodbridge Energy Center Industrial Hwy Woodbridge, NJ 07095	18940	362	Dry NOx	Low	25	42	0.75	1.20	12/2.5 _b	25/3.5 ^c	2	NA	3-hour rolling	72.95	1.38	NA	45.1	19.6	256	0.00	0.00
	TOTAL		8136 MW																			

Note:

a: Averaging period is calendar day during ozone season and 30-day during non-ozone season.

b: SOTA limits are 12 ppmvd@15%O2 (gas) for combined cycle turbine with heat input 10 to 150 MMBTU/Hr and 2.5 ppmvd@15%O2 (gas) for combined cycle turbine with heat input 150 MMBTU/Hr or more.

c: SOTA limits are 25 ppmvd@15%O2 (oil) for combined cycle turbine with heat input 10 to 150 MMBTU/Hr and 3.5 ppmvd@15%O2 (oil) for combined cycle turbine with heat input 150 MMBTU/Hr or more.