

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/05/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.86	37.38	32.46	31.70	37.16	31.24	45.01	38.66	34.63	34.41	36.70	36.15	37.15	41.26	46.62	40.18	117.99	305.04	224.00	178.90	131.88	45.33	38.36	38.90
24138	0.66	2.00	1.10	1.55	1.39	1.99	3.31	2.95	2.63	2.97	3.32	3.48	3.40	2.91	2.02	3.40	2.94	1.37	6.18	17.03	12.59	3.80	3.11	2.93
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.60	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.87	37.42	32.49	31.73	37.19	31.27	45.04	38.68	34.63	34.41	36.70	36.14	37.14	41.24	46.62	40.17	117.98	305.05	223.98	178.93	131.99	45.37	38.39	38.94
24260	0.67	2.04	1.13	1.58	1.43	2.02	3.35	2.97	2.64	2.97	3.32	3.47	3.39	2.89	2.02	3.39	2.93	1.37	6.16	17.06	12.71	3.84	3.15	2.97
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.87	37.42	32.49	31.73	37.19	31.27	45.04	38.68	34.63	34.41	36.70	36.14	37.14	41.24	46.62	40.17	117.98	305.05	223.98	178.93	131.99	45.37	38.39	38.94
24261	0.67	2.04	1.13	1.58	1.43	2.02	3.35	2.97	2.64	2.97	3.32	3.47	3.39	2.89	2.02	3.39	2.93	1.37	6.16	17.06	12.71	3.84	3.15	2.97
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	38.37	38.84	35.36	33.30	40.08	31.93	45.39	39.02	34.86	33.84	35.85	34.41	35.37	42.01	50.47	39.97	132.95	356.49	250.49	174.67	128.43	44.93	37.94	38.58
24011	0.58	1.92	1.01	1.40	1.35	1.76	3.35	2.55	1.98	2.28	2.40	1.74	1.63	1.73	1.30	2.46	2.05	0.88	4.61	12.81	9.14	3.40	2.70	2.61
	-30.01	-10.08	-19.60	-11.42	-19.43	-6.12	-2.39	-5.29	-5.96	-0.78	-0.45	0.00	0.00	-12.74	-30.16	-4.87	-105.09	-344.36	-189.66	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	38.42	38.97	35.43	33.37	40.15	32.05	45.66	39.20	35.02	33.93	35.92	34.44	35.36	42.09	50.54	40.17	133.23	356.72	251.05	176.15	129.35	45.30	38.18	38.75
23798	0.62	2.04	1.06	1.47	1.41	1.87	3.62	2.73	2.14	2.38	2.47	1.77	1.61	1.80	1.35	2.66	2.28	0.94	5.09	14.29	10.06	3.77	2.94	2.77
	-30.02	-10.08	-19.61	-11.42	-19.44	-6.13	-2.39	-5.29	-5.96	-0.78	-0.45	0.00	0.00	-12.75	-30.17	-4.87	-105.14	-344.53	-189.75	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	38.37	38.84	35.36	33.30	40.08	31.93	45.39	39.02	34.86	33.84	35.85	34.41	35.37	42.01	50.47	39.97	132.95	356.49	250.49	174.67	128.43	44.93	37.94	38.58
24028	0.58	1.92	1.01	1.40	1.35	1.76	3.35	2.55	1.98	2.28	2.40	1.74	1.63	1.73	1.30	2.46	2.05	0.88	4.61	12.81	9.14	3.40	2.70	2.61
	-30.01	-10.08	-19.60	-11.42	-19.43	-6.12	-2.39	-5.29	-5.96	-0.78	-0.45	0.00	0.00	-12.74	-30.16	-4.87	-105.09	-344.36	-189.66	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	37.60	38.29	34.77	32.81	39.41	31.43	44.22	38.08	34.32	33.29	35.43	34.54	35.39	41.54	49.61	39.36	130.23	348.85	245.25	170.63	125.58	43.94	37.36	38.09
23527	0.47	1.59	0.84	1.17	1.11	1.39	2.22	1.70	1.56	1.75	1.99	1.87	1.64	1.53	1.08	1.96	1.57	0.59	3.44	8.76	6.29	2.41	2.11	2.12
	-29.35	-9.85	-19.17	-11.17	-19.01	-5.99	-2.35	-5.20	-5.84	-0.77	-0.44	0.00	0.00	-12.47	-29.51	-4.76	-102.85	-337.01	-185.60	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	37.20	37.37	34.22	32.15	38.70	30.66	42.97	37.13	33.45	32.35	34.37	33.55	34.53	40.73	48.97	38.41	129.04	347.21	242.72	165.85	122.13	42.53	36.15	36.86
24190	0.21	0.72	0.39	0.56	0.49	0.65	0.99	0.78	0.72	0.82	0.93	0.88	0.78	0.77	0.57	1.02	0.81	0.35	1.69	3.99	2.84	1.00	0.91	0.88
	-29.21	-9.81	-19.08	-11.11	-18.91	-5.96	-2.34	-5.18	-5.82	-0.76	-0.44	0.00	0.00	-12.42	-29.39	-4.74	-102.42	-335.61	-184.83	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	7.62	26.34	14.50	20.09	18.89	23.58	36.67	25.99	23.47	30.10	32.19	31.82	4.08	-16.78	10.18	26.39	20.27	8.00	55.05	157.49	114.17	40.81	34.69	35.66
355683	-0.16	-0.50	-0.25	-0.39	-0.42	-0.47	-0.84	-0.76	-0.64	-0.67	-0.82	-0.85	-0.72	-0.92	-0.74	-0.98	-0.75	-0.27	-1.16	-4.22	-2.68	-0.72	-0.39	-0.32
	0.00	0.00	0.00	0.00	0.00	0.00	2.15	4.43	2.81	0.00	0.00	0.00	28.95	43.40	8.10	5.28	4.79	2.98	0.00	0.16	2.45	0.00	0.16	0.00
ALBANY_1_SOLAR	36.98	37.75	34.24	32.35	38.83	30.99	43.65	37.50	33.60	32.61	34.50	33.69	34.63	40.73	48.68	38.54	128.09	343.29	241.65	169.06	124.45	43.30	36.76	37.48
323833	0.35	1.22	0.65	0.90	0.85	1.05	1.69	1.20	0.94	1.08	1.07	1.02	0.88	0.92	0.63	1.21	1.11	0.53	2.68	7.19	5.16	1.77	1.52	1.51
	-28.85	-9.68	-18.84	-10.98	-18.68	-5.89	-2.31	-5.12	-5.75	-0.76	-0.43	0.00	0.00	-12.27	-29.03	-4.69	-101.17	-331.50	-182.75	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	36.98	37.73	34.24	32.35	38.82	30.99	43.65	37.49	33.59	32.61	34.50	33.69	34.63	40.72	48.67	38.53	128.09	343.29	241.64	169.04	124.40	43.29	36.76	37.48
323834	0.35	1.20	0.64	0.90	0.84	1.05	1.69	1.19	0.93	1.08	1.06	1.02	0.88	0.92	0.63	1.20	1.11	0.52	2.66	7.17	5.11	1.76	1.52	1.51
	-28.85	-9.68	-18.84	-10.98	-18.68	-5.89	-2.31	-5.12	-5.75	-0.76	-0.43	0.00	0.00	-12.27	-29.03	-4.69	-101.17	-331.52	-182.76	0.00	0.00	0.00	0.00	0.00
ALBANY___1	37.20	37.37	34.22	32.15	38.70	30.66	42.97	37.13	33.45	32.35	34.37	33.55	34.53	40.73	48.97	38.41	129.04	347.21	242.72	165.85	122.13	42.53	36.15	36.86
23571	0.21	0.72	0.39	0.56	0.49	0.65	0.99	0.78	0.72	0.82	0.93	0.88	0.78	0.77	0.57	1.02	0.81	0.35	1.69	3.99	2.84	1.00	0.91	0.88
	-29.21	-9.81	-19.08	-11.11	-18.91	-5.96	-2.34	-5.18	-5.82	-0.76	-0.44	0.00	0.00	-12.42	-29.39	-4.74	-102.42	-335.61	-184.83	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	37.20 0.21 -29.21	37.37 0.72 -9.81	34.22 0.39 -19.08	32.15 0.56 -11.11	38.70 0.49 -18.91	30.66 0.65 -5.96	42.97 0.99 -2.34	37.13 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.55 0.88 0.00	34.53 0.78 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.21 0.35 -335.61	242.72 1.69 -184.83	165.85 3.99 0.00	122.13 2.84 0.00	42.53 1.00 0.00	36.15 0.91 0.00	36.86 0.88 0.00
ALBANY___3 23573	37.20 0.21 -29.21	37.37 0.72 -9.81	34.22 0.39 -19.08	32.15 0.56 -11.11	38.70 0.49 -18.91	30.66 0.65 -5.96	42.97 0.99 -2.34	37.13 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.55 0.88 0.00	34.53 0.78 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.21 0.35 -335.61	242.72 1.69 -184.83	165.85 3.99 0.00	122.13 2.84 0.00	42.53 1.00 0.00	36.15 0.91 0.00	36.86 0.88 0.00
ALBANY___4 23574	37.20 0.21 -29.21	37.37 0.72 -9.81	34.22 0.39 -19.08	32.15 0.56 -11.11	38.70 0.49 -18.91	30.66 0.65 -5.96	42.97 0.99 -2.34	37.13 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.55 0.88 0.00	34.53 0.78 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.21 0.35 -335.61	242.72 1.69 -184.83	165.85 3.99 0.00	122.13 2.84 0.00	42.53 1.00 0.00	36.15 0.91 0.00	36.86 0.88 0.00
ALBANY___LFGE 323615	37.52 0.30 -29.44	37.73 1.00 -9.88	34.51 0.53 -19.23	32.42 0.74 -11.20	39.05 0.69 -19.06	30.94 0.88 -6.01	43.39 1.39 -2.35	37.49 1.10 -5.22	33.76 0.98 -5.86	32.69 1.15 -0.77	34.73 1.28 -0.44	33.86 1.19 0.00	34.86 1.12 0.00	41.14 1.08 -12.52	49.43 0.79 -29.63	38.83 1.41 -4.78	130.19 1.13 -103.25	350.04 0.48 -338.32	244.87 2.34 -186.32	167.78 5.92 0.00	123.51 4.22 0.00	43.00 1.48 0.00	36.53 1.29 0.00	37.23 1.26 0.00
ALCOA_PA_115KV_PL-6C 55860	7.63 -0.15 0.00	26.38 -0.46 0.00	14.52 -0.23 0.00	20.12 -0.36 0.00	18.92 -0.38 0.00	23.60 -0.45 0.00	35.44 -0.79 3.43	23.37 -0.74 7.07	21.80 -0.64 4.48	30.15 -0.62 0.00	32.26 -0.74 0.00	31.92 -0.76 0.00	328.60 -0.58 -295.43	464.53 -0.74 -437.73	59.11 -0.66 -40.75	23.22 -0.99 8.43	17.37 -0.79 7.65	6.23 -0.26 4.76	55.15 -1.06 0.00	160.51 -3.07 -1.72	143.30 -1.85 -25.86	41.12 -0.42 -0.02	36.71 -0.25 -1.72	35.75 -0.22 0.00
ALCOA_RYNLDS___DRP 24188	7.63 -0.15 0.00	26.38 -0.47 0.00	14.51 -0.24 0.00	20.10 -0.37 0.00	18.91 -0.39 0.00	23.60 -0.45 0.00	35.44 -0.79 3.43	23.36 -0.74 7.07	21.78 -0.65 4.48	30.15 -0.62 0.00	32.26 -0.75 0.00	31.92 -0.76 0.00	328.61 -0.57 -295.43	464.53 -0.74 -437.73	59.10 -0.66 -40.75	23.22 -0.99 8.43	17.37 -0.79 7.65	6.23 -0.26 4.76	55.14 -1.07 0.00	160.51 -3.07 -1.72	143.30 -1.85 -25.86	41.12 -0.42 -0.02	36.71 -0.25 -1.72	35.75 -0.22 0.00
ALCOA___DSASP 323711	7.63 -0.15 0.00	26.38 -0.47 0.00	14.51 -0.24 0.00	20.10 -0.37 0.00	18.91 -0.39 0.00	23.60 -0.45 0.00	35.44 -0.79 3.43	23.36 -0.74 7.07	21.78 -0.65 4.48	30.15 -0.62 0.00	32.26 -0.75 0.00	31.92 -0.76 0.00	328.61 -0.57 -295.43	464.53 -0.74 -437.73	59.10 -0.66 -40.75	23.22 -0.99 8.43	17.37 -0.79 7.65	6.23 -0.26 4.76	55.14 -1.07 0.00	160.51 -3.07 -1.72	143.30 -1.85 -25.86	41.12 -0.42 -0.02	36.71 -0.25 -1.72	35.75 -0.22 0.00
ALLEGHENY___COGEN 23514	36.05 -0.12 -28.39	54.56 -0.66 -28.37	27.59 -0.36 -13.20	22.67 -0.46 -2.66	35.89 -0.37 -16.96	69.59 -0.28 -45.82	94.24 -0.25 -54.84	71.75 -0.70 -41.27	63.71 -0.88 -37.67	77.55 -0.56 -47.34	77.90 -0.64 -45.53	77.26 -0.27 -44.86	89.43 0.04 -55.64	85.32 -0.70 -58.48	52.25 -0.27 -33.51	59.18 -0.80 -27.33	57.99 -0.52 -32.70	110.51 -0.05 -99.32	122.89 0.10 -66.57	190.51 5.29 -23.36	123.57 3.94 -0.35	42.59 1.06 0.00	35.80 0.54 -0.02	36.80 0.83 0.00
ALTAMONT_115KV_TB 2 55880	37.22 0.28 -29.16	37.58 0.95 -9.79	34.31 0.51 -19.05	32.29 0.72 -11.09	38.85 0.67 -18.88	30.83 0.82 -5.95	43.32 1.33 -2.33	37.40 1.05 -5.17	33.64 0.91 -5.81	32.58 1.04 -0.76	34.58 1.14 -0.44	33.77 1.10 0.00	34.77 1.03 0.00	40.89 0.95 -12.40	49.04 0.68 -29.35	38.58 1.20 -4.74	129.08 1.01 -102.26	346.77 0.42 -335.10	242.93 2.17 -184.55	167.55 5.68 0.00	123.42 4.13 0.00	42.94 1.42 0.00	36.45 1.21 0.00	37.16 1.18 0.00
ALTONA_WT_PWR 323606	7.59 -0.18 0.00	26.23 -0.61 0.00	14.41 -0.34 0.00	19.95 -0.53 0.00	18.76 -0.54 0.00	23.41 -0.65 0.00	37.35 -1.05 1.25	27.68 -0.93 2.57	24.56 -0.72 1.63	29.83 -0.94 0.00	31.81 -1.19 0.00	31.39 -1.28 0.00	16.98 -1.10 15.67	2.54 -0.84 24.16	13.55 -0.76 4.70	28.27 -1.31 3.07	22.00 -1.02 2.78	9.09 -0.43 1.73	54.87 -1.34 0.00	157.84 -3.93 0.09	114.91 -2.96 1.42	40.80 -0.72 0.00	34.58 -0.56 0.09	35.46 -0.52 0.00
AMERICAN_REF_FUEL 24010	4.33 -0.62 2.83	10.86 -2.20 13.78	10.51 -1.30 2.95	7.14 -1.60 11.73	2.22 -1.42 15.65	12.07 -1.72 10.26	23.73 -2.92 13.00	20.43 -2.25 8.50	16.19 -1.81 8.91	18.16 -1.37 11.24	20.61 -1.35 11.04	20.31 -1.42 10.94	23.45 -1.57 8.72	20.72 -1.71 5.11	15.19 -1.02 2.81	24.76 -1.96 5.93	31.53 -2.04 -7.76	37.94 -0.65 -27.34	61.48 -5.17 -10.43	144.41 -12.06 5.39	109.90 -9.73 -0.34	37.96 -3.57 0.00	32.11 -3.16 -0.02	33.43 -2.55 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	3.28 -0.58 3.92	7.75 -2.16 16.93	9.56 -1.32 3.87	4.45 -1.65 14.38	-1.51 -1.54 19.27	9.75 -1.90 12.40	21.08 -2.90 15.67	18.85 -2.02 10.30	14.29 -1.83 10.79	15.63 -1.59 13.54	18.23 -1.51 13.26	18.20 -1.33 13.14	21.36 -1.10 11.29	18.72 -1.31 7.51	14.47 -0.65 3.90	23.91 -1.56 7.18	32.76 -1.01 -7.96	39.12 -0.50 -28.37	64.85 -2.18 -10.83	157.41 0.79 5.25	119.52 -0.11 -0.34	40.92 -0.61 0.00	34.41 -0.86 -0.02	35.66 -0.32 0.00
ARTHUR KILL_GT_1 23520	33.92 0.72 -25.43	37.64 2.26 -8.54	32.62 1.26 -16.61	31.89 1.73 -9.67	37.35 1.58 -16.46	31.41 2.17 -5.19	45.26 3.57 -2.04	38.86 3.15 -4.53	34.61 2.62 -5.07	34.26 2.82 -0.67	36.50 3.11 -0.38	36.00 3.33 0.00	36.99 3.24 0.00	41.16 2.81 -10.81	46.58 1.97 -25.59	40.08 3.30 -4.13	117.92 2.86 -89.24	305.07 1.40 -292.42	224.00 6.18 -161.61	179.44 17.57 0.00	132.59 13.29 0.00	45.57 4.04 0.00	38.50 3.25 0.00	39.12 3.14 0.00
ARTHUR_KILL_2 23512	33.91 0.70 -25.43	37.58 2.20 -8.54	32.58 1.22 -16.61	31.85 1.70 -9.67	37.32 1.55 -16.47	31.34 2.10 -5.19	45.13 3.43 -2.04	38.79 3.08 -4.53	34.55 2.56 -5.07	34.19 2.75 -0.67	36.42 3.03 -0.38	35.90 3.23 0.00	36.90 3.16 0.00	41.11 2.76 -10.81	46.53 1.92 -25.59	40.00 3.22 -4.13	117.85 2.80 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.94 17.08 0.00	132.20 12.90 0.00	45.43 3.90 0.00	38.39 3.15 0.00	39.02 3.04 0.00
ARTHUR_KILL_3 23513	33.81 0.60 -25.43	37.20 1.81 -8.54	32.36 1.00 -16.61	31.56 1.41 -9.67	37.04 1.27 -16.46	31.05 1.81 -5.19	44.68 2.98 -2.04	38.39 2.68 -4.53	34.38 2.39 -5.07	34.09 2.65 -0.67	36.34 2.95 -0.38	35.77 3.10 0.00	36.76 3.01 0.00	40.97 2.62 -10.81	46.43 1.82 -25.59	39.82 3.05 -4.13	117.71 2.66 -89.24	304.92 1.25 -292.42	223.42 5.60 -161.61	177.45 15.58 0.00	130.93 11.64 0.00	44.97 3.44 0.00	38.06 2.82 0.00	38.59 2.61 0.00

ARTHUR_KILL_COGEN 323718	33.92 0.71 -25.43	37.64 2.27 -8.54	32.62 1.26 -16.61	31.90 1.75 -9.67	37.37 1.60 -16.47	31.41 2.16 -5.19	45.23 3.53 -2.04	38.87 3.16 -4.53	34.61 2.63 -5.07	34.25 2.82 -0.67	36.48 3.10 -0.38	35.97 3.30 0.00	36.97 3.22 0.00	41.16 2.81 -10.81	46.57 1.97 -25.59	40.07 3.30 -4.13	117.92 2.87 -89.24	305.07 1.40 -292.42	224.00 6.18 -161.61	179.54 17.67 0.00	132.59 13.30 0.00	45.56 4.04 0.00	38.50 3.25 0.00	39.12 3.15 0.00
ASHOKAN____ 23654	35.82 0.45 -27.59	37.59 1.48 -9.26	33.54 0.77 -18.02	32.07 1.10 -10.50	38.17 1.01 -17.86	31.10 1.41 -5.63	44.49 2.63 -2.21	38.33 2.25 -4.90	34.09 1.68 -5.50	33.36 1.87 -0.72	35.38 1.96 -0.41	34.71 2.04 0.00	35.60 1.86 0.00	40.82 1.55 -11.73	47.95 1.17 -27.76	39.33 2.20 -4.48	124.25 1.64 -96.81	329.40 0.94 -317.21	235.12 4.50 -174.41	175.31 13.45 0.00	129.07 9.78 0.00	44.59 3.06 0.00	37.72 2.48 0.00	38.26 2.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.82 0.61 -25.43	37.19 1.80 -8.53	32.38 1.02 -16.61	31.54 1.39 -9.67	37.01 1.25 -16.46	31.04 1.79 -5.19	44.55 2.86 -2.04	38.58 2.88 -4.53	34.53 2.54 -5.07	34.24 2.81 -0.67	36.51 3.12 -0.38	35.90 3.23 0.00	36.81 3.07 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.99 3.21 -4.13	117.80 2.75 -89.24	304.97 1.30 -292.42	223.29 5.47 -161.61	177.27 15.40 0.00	130.58 11.29 0.01	44.94 3.42 0.01	38.14 2.90 0.00	38.56 2.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.81 0.61 -25.43	37.18 1.80 -8.53	32.38 1.02 -16.61	31.54 1.39 -9.67	37.02 1.26 -16.46	31.03 1.79 -5.19	44.55 2.86 -2.04	38.58 2.88 -4.53	34.53 2.54 -5.07	34.24 2.81 -0.67	36.50 3.12 -0.38	35.90 3.23 0.00	36.81 3.07 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.99 3.21 -4.13	117.79 2.74 -89.24	304.97 1.30 -292.42	223.29 5.47 -161.61	177.27 15.40 0.00	130.58 11.29 0.01	44.94 3.42 0.01	38.14 2.90 0.00	38.56 2.59 0.00
ASTORIA_GT2_1 24094	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT2_2 24095	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT2_3 24096	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT2_4 24097	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT3_1 24098	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT3_2 24099	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT3_3 24100	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT3_4 24101	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT4_1 24102	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT4_2 24103	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT4_3 24104	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00

ASTORIA_GT4_4 24105	33.82 0.61 -25.43	37.19 1.81 -8.53	32.39 1.03 -16.61	31.52 1.37 -9.67	37.00 1.24 -16.46	31.05 1.81 -5.19	44.64 2.95 -2.04	38.58 2.87 -4.53	34.53 2.54 -5.07	34.25 2.82 -0.67	36.52 3.13 -0.38	35.98 3.31 0.00	36.85 3.10 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.80 2.75 -89.24	304.98 1.30 -292.42	223.34 5.52 -161.61	177.32 15.46 0.00	130.65 11.37 0.01	44.97 3.45 0.01	38.15 2.91 0.00	38.58 2.61 0.00
ASTORIA_GT_1 23523	33.83 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.55 1.40 -9.67	37.03 1.27 -16.46	31.09 1.84 -5.19	44.72 3.02 -2.04	38.64 2.93 -4.53	34.59 2.60 -5.07	34.32 2.88 -0.67	36.59 3.21 -0.38	36.06 3.39 0.00	36.93 3.18 0.00	41.13 2.78 -10.81	46.53 1.93 -25.59	40.08 3.30 -4.13	117.85 2.80 -89.24	305.00 1.33 -292.42	223.46 5.64 -161.61	177.64 15.78 0.00	130.93 11.65 0.01	45.06 3.53 0.01	38.22 2.97 0.00	38.65 2.67 0.00
ASTORIA_GT_10 24110	33.83 0.63 -25.43	37.26 1.88 -8.54	32.42 1.06 -16.61	31.63 1.48 -9.67	37.07 1.31 -16.46	31.15 1.90 -5.19	44.77 3.07 -2.04	38.49 2.78 -4.53	34.47 2.48 -5.07	34.19 2.75 -0.67	36.45 3.06 -0.38	35.90 3.23 0.00	36.87 3.13 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.95 3.17 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.48 5.66 -161.61	177.48 15.61 0.00	131.08 11.79 0.00	45.10 3.57 0.00	38.20 2.95 0.00	38.69 2.71 0.00
ASTORIA_GT_11 24225	33.83 0.63 -25.43	37.26 1.88 -8.54	32.42 1.06 -16.61	31.63 1.48 -9.67	37.07 1.31 -16.46	31.15 1.90 -5.19	44.77 3.07 -2.04	38.49 2.78 -4.53	34.47 2.48 -5.07	34.19 2.75 -0.67	36.45 3.06 -0.38	35.90 3.23 0.00	36.87 3.13 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.95 3.17 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.48 5.66 -161.61	177.48 15.61 0.00	131.08 11.79 0.00	45.10 3.57 0.00	38.20 2.95 0.00	38.69 2.71 0.00
ASTORIA_GT_12 24226	33.83 0.63 -25.43	37.26 1.88 -8.54	32.42 1.06 -16.61	31.63 1.48 -9.67	37.07 1.31 -16.46	31.15 1.90 -5.19	44.77 3.07 -2.04	38.49 2.78 -4.53	34.47 2.48 -5.07	34.19 2.75 -0.67	36.45 3.06 -0.38	35.90 3.23 0.00	36.87 3.13 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.95 3.17 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.48 5.66 -161.61	177.48 15.61 0.00	131.08 11.79 0.00	45.10 3.57 0.00	38.20 2.95 0.00	38.69 2.71 0.00
ASTORIA_GT_13 24227	33.83 0.63 -25.43	37.26 1.88 -8.54	32.42 1.06 -16.61	31.63 1.48 -9.67	37.07 1.31 -16.46	31.15 1.90 -5.19	44.77 3.07 -2.04	38.49 2.78 -4.53	34.47 2.48 -5.07	34.19 2.75 -0.67	36.45 3.06 -0.38	35.90 3.23 0.00	36.87 3.13 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.95 3.17 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.48 5.66 -161.61	177.48 15.61 0.00	131.08 11.79 0.00	45.10 3.57 0.00	38.20 2.95 0.00	38.69 2.71 0.00
ASTORIA_GT_5 24106	33.83 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.55 1.40 -9.67	37.03 1.27 -16.46	31.09 1.84 -5.19	44.72 3.02 -2.04	38.64 2.93 -4.53	34.59 2.60 -5.07	34.32 2.88 -0.67	36.59 3.21 -0.38	36.06 3.39 0.00	36.93 3.18 0.00	41.13 2.78 -10.81	46.53 1.93 -25.59	40.08 3.30 -4.13	117.85 2.80 -89.24	305.00 1.33 -292.42	223.46 5.64 -161.61	177.64 15.78 0.00	130.93 11.65 0.01	45.06 3.53 0.01	38.22 2.97 0.00	38.65 2.67 0.00
ASTORIA_GT_7 24107	33.83 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.55 1.40 -9.67	37.03 1.27 -16.46	31.09 1.84 -5.19	44.72 3.02 -2.04	38.64 2.93 -4.53	34.59 2.60 -5.07	34.32 2.88 -0.67	36.59 3.21 -0.38	36.06 3.39 0.00	36.93 3.18 0.00	41.13 2.78 -10.81	46.53 1.93 -25.59	40.08 3.30 -4.13	117.85 2.80 -89.24	305.00 1.33 -292.42	223.46 5.64 -161.61	177.64 15.78 0.00	130.93 11.65 0.01	45.06 3.53 0.01	38.22 2.97 0.00	38.65 2.67 0.00
ASTORIA_GT_8 24108	33.83 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.55 1.40 -9.67	37.03 1.27 -16.46	31.09 1.84 -5.19	44.72 3.02 -2.04	38.64 2.93 -4.53	34.59 2.60 -5.07	34.32 2.88 -0.67	36.59 3.21 -0.38	36.06 3.39 0.00	36.93 3.18 0.00	41.13 2.78 -10.81	46.53 1.93 -25.59	40.08 3.30 -4.13	117.85 2.80 -89.24	305.00 1.33 -292.42	223.46 5.64 -161.61	177.64 15.78 0.00	130.93 11.65 0.01	45.06 3.53 0.01	38.22 2.97 0.00	38.65 2.67 0.00
ASTORIA___2 24149	33.82 0.61 -25.43	37.20 1.82 -8.53	32.39 1.03 -16.61	31.54 1.39 -9.67	37.02 1.26 -16.46	31.04 1.80 -5.19	44.56 2.87 -2.04	38.59 2.89 -4.53	34.54 2.55 -5.07	34.25 2.81 -0.67	36.51 3.13 -0.38	35.90 3.23 0.00	36.83 3.08 0.00	41.08 2.73 -10.81	46.49 1.88 -25.59	40.00 3.22 -4.13	117.81 2.76 -89.24	304.97 1.30 -292.42	223.34 5.52 -161.61	177.32 15.45 0.00	130.65 11.37 0.01	44.96 3.44 0.01	38.16 2.91 0.00	38.58 2.60 0.00
ASTORIA___3 23516	33.83 0.62 -25.43	37.27 1.89 -8.54	32.42 1.06 -16.61	31.65 1.50 -9.67	37.09 1.32 -16.46	31.14 1.90 -5.19	44.72 3.03 -2.04	38.50 2.79 -4.53	34.48 2.49 -5.07	34.18 2.74 -0.67	36.44 3.05 -0.38	35.88 3.21 0.00	36.85 3.11 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.94 3.17 -4.13	117.79 2.74 -89.24	304.95 1.28 -292.42	223.47 5.65 -161.61	177.52 15.66 0.00	131.07 11.78 0.00	45.09 3.56 0.00	38.20 2.95 0.00	38.69 2.71 0.00
ASTORIA___4 23517	33.83 0.63 -25.43	37.26 1.88 -8.54	32.42 1.06 -16.61	31.63 1.48 -9.67	37.07 1.31 -16.46	31.15 1.90 -5.19	44.77 3.07 -2.04	38.49 2.78 -4.53	34.47 2.48 -5.07	34.19 2.75 -0.67	36.45 3.06 -0.38	35.90 3.23 0.00	36.87 3.13 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.95 3.17 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.48 5.66 -161.61	177.48 15.61 0.00	131.08 11.79 0.00	45.10 3.57 0.00	38.20 2.95 0.00	38.69 2.71 0.00
ASTORIA___5 23518	33.83 0.62 -25.43	37.27 1.89 -8.54	32.42 1.06 -16.61	31.65 1.50 -9.67	37.09 1.32 -16.46	31.14 1.90 -5.19	44.72 3.03 -2.04	38.50 2.79 -4.53	34.48 2.49 -5.07	34.18 2.74 -0.67	36.44 3.05 -0.38	35.88 3.21 0.00	36.85 3.11 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.94 3.17 -4.13	117.79 2.74 -89.24	304.95 1.28 -292.42	223.47 5.65 -161.61	177.52 15.66 0.00	131.07 11.78 0.00	45.09 3.56 0.00	38.20 2.95 0.00	38.69 2.71 0.00
AST_ENERGY_2_CC3 323677	33.82 0.61 -25.43	37.26 1.88 -8.54	32.39 1.04 -16.61	31.62 1.47 -9.67	37.08 1.31 -16.46	31.10 1.86 -5.19	44.73 3.04 -2.04	38.44 2.73 -4.53	34.42 2.43 -5.07	34.15 2.71 -0.67	36.40 3.01 -0.38	35.83 3.16 0.00	36.81 3.06 0.00	40.99 2.64 -10.81	46.44 1.84 -25.59	39.86 3.09 -4.13	117.74 2.69 -89.24	304.94 1.27 -292.42	223.46 5.65 -161.61	177.57 15.70 0.00	130.97 11.69 0.00	45.03 3.50 0.00	38.12 2.88 0.00	38.67 2.69 0.00
AST_ENERGY_2_CC4 323678	33.82 0.61 -25.43	37.26 1.88 -8.54	32.39 1.04 -16.61	31.62 1.47 -9.67	37.08 1.31 -16.46	31.10 1.86 -5.19	44.73 3.04 -2.04	38.44 2.73 -4.53	34.42 2.43 -5.07	34.15 2.71 -0.67	36.40 3.01 -0.38	35.83 3.16 0.00	36.81 3.06 0.00	40.99 2.64 -10.81	46.44 1.84 -25.59	39.86 3.09 -4.13	117.74 2.69 -89.24	304.94 1.27 -292.42	223.46 5.65 -161.61	177.57 15.70 0.00	130.97 11.69 0.00	45.03 3.50 0.00	38.12 2.88 0.00	38.67 2.69 0.00

ATHENS_STG_1 23668	35.11 0.35 -26.98	37.11 1.20 -9.06	33.02 0.65 -17.62	31.65 0.91 -10.26	37.62 0.85 -17.47	30.61 1.06 -5.50	43.55 1.73 -2.17	37.45 1.47 -4.80	33.58 1.29 -5.38	32.91 1.43 -0.71	35.00 1.59 -0.40	34.29 1.62 0.00	35.28 1.53 0.00	40.35 1.34 -11.47	47.12 0.95 -27.15	38.67 1.64 -4.38	121.84 1.41 -94.63	321.92 0.60 -310.07	230.30 2.96 -171.13	169.93 8.06 0.00	125.16 5.87 0.00	43.42 1.89 0.00	36.85 1.60 0.00	37.51 1.53 0.00
ATHENS_STG_2 23670	35.11 0.35 -26.98	37.11 1.20 -9.06	33.02 0.65 -17.62	31.65 0.91 -10.26	37.62 0.85 -17.47	30.61 1.06 -5.50	43.55 1.73 -2.17	37.45 1.47 -4.80	33.58 1.29 -5.38	32.91 1.43 -0.71	35.00 1.59 -0.40	34.29 1.62 0.00	35.28 1.53 0.00	40.35 1.34 -11.47	47.12 0.95 -27.15	38.67 1.64 -4.38	121.84 1.41 -94.63	321.92 0.60 -310.07	230.30 2.96 -171.13	169.93 8.06 0.00	125.16 5.87 0.00	43.42 1.89 0.00	36.85 1.60 0.00	37.51 1.53 0.00
ATHENS_STG_3 23677	35.11 0.35 -26.98	37.11 1.20 -9.06	33.02 0.65 -17.62	31.65 0.91 -10.26	37.62 0.85 -17.47	30.61 1.06 -5.50	43.55 1.73 -2.17	37.45 1.47 -4.80	33.58 1.29 -5.38	32.91 1.43 -0.71	35.00 1.59 -0.40	34.29 1.62 0.00	35.28 1.53 0.00	40.35 1.34 -11.47	47.12 0.95 -27.15	38.67 1.64 -4.38	121.84 1.41 -94.63	321.92 0.60 -310.07	230.30 2.96 -171.13	169.93 8.06 0.00	125.16 5.87 0.00	43.42 1.89 0.00	36.85 1.60 0.00	37.51 1.53 0.00
AUBURN____LFGE 323710	12.08 0.01 -4.29	27.24 0.03 -0.36	16.82 0.01 -2.07	18.99 -0.02 1.47	18.91 0.00 0.40	26.67 0.12 -2.50	42.44 0.31 -2.47	33.18 0.14 -1.87	28.56 -0.02 -1.66	32.78 0.03 -1.99	34.92 0.04 -1.88	34.66 0.19 -1.80	41.81 0.16 -7.90	39.99 0.26 -12.18	24.79 0.20 -5.58	34.27 -0.02 -1.64	38.79 0.07 -12.92	53.29 0.02 -42.02	79.03 0.04 -22.78	163.76 1.86 -0.03	120.83 1.03 -0.51	41.76 0.23 0.00	35.31 0.03 -0.03	36.17 0.19 0.00
BABYLON_RES_REC 323704	54.96 0.68 -46.50	53.68 2.15 -24.68	54.90 1.20 -38.95	52.95 1.70 -30.77	37.23 1.46 -16.46	31.32 2.07 -5.19	44.78 3.08 -2.04	38.34 2.63 -4.53	34.29 2.30 -5.07	34.02 2.58 -0.67	36.42 3.04 -0.38	35.80 3.14 0.00	36.74 3.00 0.00	40.70 2.35 -10.81	43.06 1.58 -22.46	35.57 2.69 -0.24	60.66 2.31 -32.54	79.17 1.22 -66.70	207.10 5.24 -145.64	171.29 14.94 5.52	102.67 10.90 27.52	39.12 3.25 5.65	38.09 2.85 0.00	38.79 2.81 0.00
BALL_HILL_WT_PWR 323825	2.64 -0.50 4.65	7.40 -1.83 17.62	9.49 -1.08 4.19	4.76 -1.37 14.34	-1.48 -1.19 19.59	8.94 -1.49 13.63	20.19 -2.33 17.13	18.20 -1.74 11.24	13.78 -1.47 11.66	14.83 -1.16 14.78	17.48 -1.04 14.48	17.40 -0.93 14.35	20.18 -0.89 12.67	17.50 -1.14 8.90	13.67 -0.60 4.75	23.30 -1.44 7.91	31.86 -1.14 -7.20	36.90 -0.43 -26.08	61.99 -2.84 -8.62	151.95 -2.95 6.97	116.74 -2.89 -0.34	40.08 -1.45 0.00	33.76 -1.51 -0.02	35.02 -0.96 0.00
BARON_WINDS____WT_PWR 323822	-25.37 -0.54 32.61	-38.14 -2.20 62.79	-6.74 -1.23 20.26	-17.98 -1.71 36.74	-42.09 -1.58 59.82	-43.00 -1.59 65.46	-43.00 -2.62 80.03	-43.00 -3.01 71.17	-40.60 -2.43 65.09	-40.91 -2.26 69.42	-36.35 -2.26 67.11	-35.46 -1.85 66.28	-40.39 -1.68 72.46	-41.25 -1.52 67.27	-18.89 -0.97 36.93	-8.10 -2.14 38.60	13.99 -1.24 10.58	-11.98 -0.53 22.70	15.73 -2.54 37.94	121.51 -1.63 38.73	118.35 -1.28 -0.34	40.81 -0.72 0.00	34.39 -0.87 -0.02	35.52 -0.45 0.00
BARRETT_IC_1 23704	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_10 23701	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_11 23702	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_12 23703	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_2 23705	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_3 23706	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_4 23707	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_5 23708	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00

BARRETT_IC_6 23709	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_7 23710	54.20 0.63 -45.79	53.00 2.02 -24.13	54.06 1.12 -38.19	52.10 1.58 -30.05	37.15 1.38 -16.46	31.17 1.92 -5.19	44.62 2.93 -2.04	38.17 2.46 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.03 -0.38	35.86 3.18 0.00	36.81 3.06 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.74 -4.50	60.38 2.33 -32.25	86.63 1.19 -74.19	224.42 5.06 -163.15	176.50 14.10 -0.53	132.28 10.35 -2.64	45.14 3.07 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_8 23711	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT_IC_9 23700	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT___1 23545	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BARRETT___2 23546	54.20 0.63 -45.79	53.01 2.02 -24.13	54.06 1.12 -38.19	52.11 1.59 -30.05	37.15 1.38 -16.46	31.16 1.91 -5.19	44.59 2.90 -2.04	38.17 2.47 -4.53	34.19 2.20 -5.07	33.93 2.50 -0.67	36.41 3.02 -0.38	35.84 3.17 0.00	36.80 3.05 0.00	40.81 2.46 -10.81	46.58 1.68 -25.89	39.88 2.73 -4.50	60.36 2.30 -32.25	86.61 1.18 -74.19	224.40 5.04 -163.15	176.50 14.11 -0.53	132.24 10.31 -2.64	45.13 3.06 -0.54	37.91 2.67 0.00	38.59 2.61 0.00
BATAVIA___115KV_TB1 55881	6.38 -0.30 1.10	15.48 -1.07 10.30	12.31 -0.64 1.80	10.31 -0.71 9.46	6.57 -0.61 12.12	16.50 -0.77 6.78	29.70 -1.22 8.73	24.66 -0.84 5.68	20.16 -0.66 6.09	22.81 -0.35 7.61	25.42 -0.10 7.48	24.96 -0.28 7.43	28.83 -0.29 4.63	25.42 -0.97 1.15	17.69 -0.55 0.77	27.84 -0.93 3.88	33.43 -0.87 -8.49	40.23 -0.13 -29.11	66.74 -2.06 -12.58	155.37 -2.82 3.68	116.73 -2.90 -0.35	40.21 -1.32 0.00	33.90 -1.37 -0.02	35.08 -0.90 0.00
BAYONEEC___CTG1 323682	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG10 323750	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG2 323683	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG3 323684	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG4 323685	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG5 323686	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG6 323687	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG7 323688	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00

BAYONEEC___CTG8 323689	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYONEEC___CTG9 323749	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.88 -5.19	44.79 3.09 -2.04	38.48 2.78 -4.53	34.46 2.47 -5.07	34.18 2.75 -0.67	36.45 3.07 -0.38	35.88 3.21 0.00	36.87 3.12 0.00	41.04 2.69 -10.81	46.47 1.87 -25.59	39.92 3.14 -4.13	117.78 2.73 -89.24	304.96 1.29 -292.42	223.57 5.75 -161.61	177.84 15.97 0.00	131.16 11.87 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
BAYPORT_69_KV_BK 2 356364	53.49 0.70 -45.01	52.60 2.21 -23.54	53.38 1.27 -37.37	51.55 1.80 -29.28	37.33 1.57 -16.46	31.51 2.26 -5.19	45.07 3.37 -2.04	38.52 2.81 -4.53	34.41 2.42 -5.07	34.18 2.74 -0.67	36.55 3.16 -0.38	35.93 3.26 0.00	36.87 3.12 0.00	40.73 2.38 -10.81	42.69 1.59 -22.09	35.19 2.77 0.22	55.81 2.43 -27.57	59.55 1.30 -47.00	205.47 5.52 -143.74	171.70 16.01 6.17	100.26 11.78 30.80	38.69 3.49 6.33	38.27 3.03 0.00	38.98 3.01 0.00
BEACON___LESR 323632	37.30 0.31 -29.20	37.73 1.08 -9.80	34.40 0.57 -19.07	32.39 0.80 -11.11	38.95 0.74 -18.91	30.98 0.96 -5.96	43.55 1.57 -2.34	37.57 1.22 -5.18	33.80 1.07 -5.81	32.75 1.22 -0.76	34.73 1.29 -0.44	33.89 1.22 0.00	34.88 1.13 0.00	41.03 1.08 -12.42	49.17 0.78 -29.38	38.75 1.36 -4.74	129.33 1.13 -102.39	347.26 0.49 -335.51	243.53 2.55 -184.77	168.50 6.64 0.00	124.04 4.74 0.00	43.14 1.61 0.00	36.62 1.38 0.00	37.32 1.35 0.00
BEAVER RIVER___HYD 24048	8.54 -0.49 -1.25	25.59 -1.67 -0.42	14.63 -0.93 -0.81	19.64 -1.31 -0.47	18.90 -1.21 -0.81	22.91 -1.41 -0.25	18.70 -2.17 18.78	-9.64 -2.04 38.77	0.64 -1.82 24.45	28.42 -2.38 -0.03	30.72 -2.31 -0.02	30.63 -2.04 0.00	126.74 -1.47 -94.46	158.73 -1.50 -132.70	1.46 -1.29 16.26	-15.75 -2.12 46.28	-13.92 -2.01 37.72	-1.11 -0.66 11.70	61.67 -2.55 -8.01	154.72 -7.69 -0.55	124.15 -3.41 -8.27	40.91 -0.62 -0.01	35.46 -0.33 -0.55	35.36 -0.61 0.00
BEEBEE_GT_13 23619	10.24 -0.26 -2.72	22.71 -0.91 3.22	14.82 -0.52 -0.59	14.64 -0.62 5.22	13.49 -0.55 5.26	23.94 -0.73 -0.61	38.77 -1.11 -0.23	31.05 -0.78 -0.65	26.47 -0.57 -0.13	30.60 -0.30 -0.14	32.81 -0.24 -0.05	32.46 -0.21 0.00	37.41 -0.34 -4.00	34.14 -0.62 -7.22	22.38 -0.29 -3.66	32.54 -0.59 -0.49	35.64 -0.57 -10.40	45.16 -0.17 -34.07	72.26 -1.70 -17.75	159.17 -2.72 -0.02	117.13 -2.51 -0.35	40.46 -1.07 0.00	34.18 -1.08 -0.02	35.17 -0.81 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.91 0.71 -25.43	37.53 2.15 -8.54	32.55 1.20 -16.61	31.80 1.65 -9.67	37.26 1.49 -16.46	31.33 2.09 -5.19	45.15 3.45 -2.04	38.80 3.09 -4.53	34.67 2.69 -5.07	34.39 2.96 -0.67	36.68 3.29 -0.38	36.18 3.51 0.00	37.19 3.44 0.00	41.32 2.97 -10.81	46.68 2.07 -25.59	40.23 3.46 -4.13	118.02 2.97 -89.24	305.10 1.43 -292.42	224.16 6.34 -161.61	179.71 17.85 0.00	132.71 13.41 0.00	45.63 4.10 0.00	38.57 3.33 0.00	39.10 3.12 0.00
BETHLEHEM___GRP 23843	37.20 0.21 -29.21	37.37 0.72 -9.81	34.22 0.39 -19.08	32.15 0.56 -11.11	38.70 0.49 -18.91	30.66 0.65 -5.96	42.97 0.99 -2.34	37.13 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.55 0.88 0.00	34.53 0.78 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.21 0.35 -335.61	242.72 1.69 -184.83	165.85 3.99 0.00	122.13 2.84 0.00	42.53 1.00 0.00	36.15 0.91 0.00	36.86 0.88 0.00
BETHLEHEM___GS1 323560	37.21 0.22 -29.21	37.38 0.74 -9.81	34.22 0.39 -19.08	32.13 0.55 -11.11	38.71 0.49 -18.91	30.66 0.64 -5.96	42.97 0.98 -2.34	37.14 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.56 0.89 0.00	34.52 0.77 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.22 0.35 -335.61	242.72 1.68 -184.83	165.85 3.98 0.00	122.11 2.82 0.00	42.52 1.00 0.00	36.14 0.90 0.00	36.86 0.88 0.00
BETHLEHEM___GS2 323561	37.21 0.22 -29.21	37.38 0.74 -9.81	34.22 0.39 -19.08	32.13 0.55 -11.11	38.71 0.49 -18.91	30.66 0.64 -5.96	42.97 0.98 -2.34	37.14 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.56 0.89 0.00	34.52 0.77 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.22 0.35 -335.61	242.72 1.68 -184.83	165.85 3.98 0.00	122.11 2.82 0.00	42.52 1.00 0.00	36.14 0.90 0.00	36.86 0.88 0.00
BETHLEHEM___GS3 323562	37.21 0.22 -29.21	37.38 0.74 -9.81	34.22 0.39 -19.08	32.13 0.55 -11.11	38.71 0.49 -18.91	30.66 0.64 -5.96	42.97 0.98 -2.34	37.14 0.78 -5.18	33.45 0.72 -5.82	32.35 0.82 -0.76	34.37 0.93 -0.44	33.56 0.89 0.00	34.52 0.77 0.00	40.73 0.77 -12.42	48.97 0.57 -29.39	38.41 1.02 -4.74	129.04 0.81 -102.42	347.22 0.35 -335.61	242.72 1.68 -184.83	165.85 3.98 0.00	122.11 2.82 0.00	42.52 1.00 0.00	36.14 0.90 0.00	36.86 0.88 0.00
BETHLEHEM___STEEL 23779	2.80 -0.50 4.48	7.93 -1.80 17.12	9.69 -1.02 4.04	5.29 -1.26 13.92	-0.84 -1.12 19.02	9.26 -1.51 13.29	20.49 -2.47 16.69	18.46 -1.77 10.94	14.15 -1.40 11.37	15.25 -1.13 14.40	17.80 -1.07 14.14	17.69 -0.98 14.00	20.37 -1.11 12.26	17.75 -1.27 8.52	13.74 -0.70 4.58	23.40 -1.53 7.71	31.66 -1.32 -7.17	36.70 -0.47 -25.91	61.47 -3.41 -8.67	149.67 -5.39 6.80	114.80 -4.83 -0.34	39.52 -2.00 0.00	33.34 -1.92 -0.02	34.59 -1.39 0.00
BETHLHEM_115KV_TB1 79974	37.20 0.23 -29.19	37.42 0.78 -9.80	34.23 0.42 -19.06	32.18 0.60 -11.10	38.73 0.53 -18.90	30.70 0.69 -5.96	43.06 1.07 -2.34	37.20 0.84 -5.18	33.50 0.77 -5.81	32.41 0.88 -0.76	34.42 0.98 -0.44	33.62 0.95 0.00	34.60 0.85 0.00	40.77 0.82 -12.41	48.98 0.59 -29.37	38.46 1.08 -4.74	129.01 0.86 -102.34	346.96 0.37 -335.34	242.68 1.80 -184.68	166.27 4.40 0.00	122.40 3.11 0.00	42.62 1.09 0.00	36.22 0.98 0.00	36.93 0.95 0.00
BETHPAGE_CC_5 323564	56.09 0.69 -47.63	54.58 2.19 -25.54	56.10 1.22 -40.13	54.10 1.73 -31.89	37.25 1.49 -16.46	31.34 2.09 -5.19	44.85 3.15 -2.04	38.41 2.70 -4.53	34.39 2.40 -5.07	34.14 2.71 -0.67	36.54 3.16 -0.38	35.95 3.28 0.00	36.89 3.15 0.00	40.84 2.48 -10.81	43.41 1.66 -22.74	36.02 2.79 -0.58	64.79 2.36 -36.62	95.27 1.22 -82.80	208.48 5.23 -147.05	171.62 14.78 5.03	104.93 10.74 25.10	39.57 3.20 5.16	38.07 2.83 0.00	38.79 2.82 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	3.04 -0.49 4.25	8.13 -1.76 16.95	9.79 -1.01 3.95	5.25 -1.23 14.00	-0.78 -1.10 18.99	9.67 -1.48 12.91	21.01 -2.40 16.25	18.81 -1.71 10.66	14.45 -1.36 11.11	15.65 -1.08 14.04	18.22 -1.03 13.76	18.10 -0.94 13.63	20.85 -1.06 11.84	18.22 -1.22 8.09	14.06 -0.65 4.31	23.70 -1.46 7.49	31.97 -1.27 -7.44	37.53 -0.45 -26.73	62.23 -3.30 -9.32	150.39 -5.06 6.41	115.08 -4.54 -0.34	39.61 -1.92 0.00	33.40 -1.86 -0.02	34.65 -1.33 0.00

BINGHAMTON___COGEN 23790	17.39 0.07 -9.54	37.77 0.21 -10.71	23.22 0.10 -8.37	35.63 0.18 -14.98	38.41 0.19 -18.92	26.16 0.26 -1.84	40.89 0.56 -0.67	33.34 0.56 -1.60	30.24 0.40 -2.92	31.27 0.32 -0.17	33.52 0.38 -0.14	33.13 0.46 0.00	34.28 0.53 0.00	31.82 0.43 -3.85	28.46 0.33 -9.12	34.57 0.45 -1.47	57.02 0.49 -30.73	112.15 0.20 -100.70	115.59 0.97 -58.40	165.47 3.60 0.00	121.73 2.45 0.00	42.18 0.65 0.00	35.73 0.49 0.00	36.50 0.53 0.00
BIXINCNT_115KV_LOAD 355685	3.88 -0.59 3.31	8.45 -2.08 16.32	10.09 -1.05 3.60	4.77 -1.34 14.37	-0.90 -1.26 18.94	10.93 -1.75 11.38	22.55 -2.67 14.43	19.65 -2.03 9.51	15.07 -1.80 10.05	16.71 -1.56 12.50	19.19 -1.58 12.23	18.94 -1.61 12.12	21.92 -1.70 10.12	19.69 -1.51 6.34	15.23 -0.59 3.19	24.69 -1.39 6.57	33.03 -1.35 -8.57	40.82 -0.63 -30.19	65.29 -3.28 -12.35	154.38 -3.19 4.29	117.35 -2.28 -0.34	40.32 -1.21 0.00	33.97 -1.30 -0.02	35.20 -0.77 0.00
BLACK RIVER___HYD 24047	8.89 -0.50 -1.61	25.63 -1.76 -0.54	14.83 -0.98 -1.05	19.73 -1.36 -0.61	19.09 -1.26 -1.05	22.97 -1.42 -0.33	24.98 -2.05 12.62	3.05 -2.09 26.04	8.71 -1.86 16.36	28.29 -2.53 -0.04	30.54 -2.49 -0.03	30.62 -2.05 0.00	97.98 -1.40 -65.63	118.76 -1.47 -92.69	7.74 -1.39 9.89	-0.92 -2.45 31.12	0.95 -2.15 22.71	11.66 -0.74 -1.14	64.24 -2.36 -10.39	154.82 -7.42 -0.38	121.84 -3.19 -5.75	41.03 -0.50 0.00	35.26 -0.37 -0.38	35.26 -0.71 0.00
BLACKRVR_115KV_TB2 79977	8.89 -0.50 -1.61	25.63 -1.76 -0.54	14.83 -0.98 -1.05	19.73 -1.36 -0.61	19.08 -1.26 -1.05	22.97 -1.42 -0.33	24.98 -2.05 12.62	3.05 -2.09 26.04	8.70 -1.86 16.36	28.28 -2.53 -0.04	30.53 -2.50 -0.03	30.61 -2.06 0.00	97.97 -1.41 -65.63	118.76 -1.47 -92.69	7.74 -1.39 9.89	-0.92 -2.45 31.12	0.95 -2.15 22.71	11.66 -0.73 -1.14	64.24 -2.37 -10.39	154.82 -7.42 -0.38	121.84 -3.19 -5.75	41.03 -0.50 0.00	35.26 -0.37 -0.38	35.26 -0.71 0.00
BLISS_WT_PWR 323608	3.81 -0.65 3.31	8.19 -2.33 16.32	9.99 -1.16 3.60	4.58 -1.53 14.37	-1.12 -1.48 18.94	10.73 -1.95 11.38	22.29 -2.93 14.43	19.33 -2.34 9.51	14.74 -2.13 10.05	16.43 -1.84 12.50	18.88 -1.90 12.23	18.56 -1.99 12.12	21.56 -2.07 10.12	19.45 -1.75 6.34	15.14 -0.69 3.19	24.57 -1.51 6.57	32.89 -1.49 -8.57	40.71 -0.73 -30.19	65.01 -3.55 -12.35	153.97 -3.60 4.29	117.41 -2.21 -0.34	40.34 -1.19 0.00	33.98 -1.29 -0.02	35.22 -0.76 0.00
BLUESTONE___WT_PWR 323821	20.92 0.05 -13.09	34.55 0.26 -7.44	24.26 0.09 -9.42	30.35 0.29 -9.59	33.19 0.24 -13.65	26.92 0.23 -2.63	41.33 0.81 -0.87	34.50 1.13 -2.19	30.63 0.57 -3.14	30.95 -0.13 -0.31	33.08 -0.12 -0.19	32.34 -0.33 0.00	33.52 -0.22 0.00	32.92 -0.11 -5.49	32.07 0.06 -12.99	34.84 0.10 -2.10	76.84 0.91 -50.13	176.55 1.04 -164.25	151.70 4.68 -90.81	177.29 15.43 0.00	129.94 10.65 0.00	44.69 3.17 0.00	37.96 2.72 0.00	38.36 2.38 0.00
BLUE_CIRC_CHEM_DRP 24182	36.97 0.30 -28.89	37.59 1.04 -9.70	34.18 0.56 -18.87	32.25 0.78 -10.99	38.74 0.73 -18.71	30.85 0.90 -5.90	43.40 1.43 -2.31	37.36 1.05 -5.13	33.55 0.88 -5.75	32.55 1.02 -0.76	34.50 1.06 -0.43	33.69 1.02 0.00	34.67 0.92 0.00	40.73 0.91 -12.29	48.72 0.64 -29.07	38.50 1.17 -4.69	128.14 1.01 -101.32	343.68 0.44 -331.99	241.50 2.25 -183.04	167.76 5.90 0.00	123.50 4.21 0.00	42.99 1.46 0.00	36.52 1.28 0.00	37.24 1.26 0.00
BOC_GAS_DRP 24189	37.10 0.26 -29.06	37.48 0.88 -9.76	34.21 0.47 -18.98	32.20 0.67 -11.06	38.73 0.62 -18.82	30.75 0.76 -5.93	43.19 1.21 -2.33	37.32 0.98 -5.16	33.59 0.88 -5.79	32.53 1.00 -0.76	34.55 1.11 -0.43	33.78 1.11 0.00	34.77 1.02 0.00	40.83 0.93 -12.36	48.92 0.66 -29.24	38.52 1.16 -4.72	128.68 0.97 -101.91	345.57 0.39 -333.93	242.11 2.00 -183.90	167.02 5.15 0.00	123.02 3.73 0.00	42.81 1.28 0.00	36.35 1.11 0.00	37.05 1.08 0.00
BOONVILLE_115KV_TB1 79983	8.87 -0.10 -1.20	26.88 -0.37 -0.40	15.32 -0.22 -0.78	20.62 -0.31 -0.46	19.82 -0.26 -0.78	24.07 -0.23 -0.24	51.98 -0.20 -12.54	56.76 -0.32 -25.90	43.05 -0.37 -16.51	30.02 -0.78 -0.03	32.32 -0.70 -0.02	32.06 -0.61 0.00	78.07 -0.15 -44.47	99.42 -0.20 -72.08	48.33 -0.30 -29.63	63.16 -0.30 -30.81	57.31 -0.51 -32.01	42.44 0.00 -31.20	64.02 0.14 -7.67	162.63 0.50 -0.26	124.88 1.69 -3.89	42.35 0.81 0.00	36.24 0.74 -0.26	36.52 0.55 0.00
BORALEX_4TH_BRANCH 23824	37.60 0.47 -29.35	38.28 1.58 -9.85	34.77 0.85 -19.17	32.81 1.17 -11.17	39.42 1.11 -19.01	31.44 1.39 -5.99	44.22 2.23 -2.35	38.07 1.70 -5.20	34.32 1.56 -5.84	33.29 1.75 -0.77	35.43 1.99 -0.44	34.54 1.87 0.00	35.39 1.65 0.00	41.54 1.53 -12.47	49.61 1.08 -29.51	39.36 1.95 -4.76	130.23 1.57 -102.85	348.85 0.60 -337.01	245.27 3.45 -185.60	170.59 8.72 0.00	125.59 6.30 0.00	43.94 2.41 0.00	37.36 2.12 0.00	38.09 2.12 0.00
BOWLINE___1 23526	33.39 0.55 -25.06	37.85 1.70 -9.30	32.31 0.93 -16.62	32.66 1.31 -10.87	38.22 1.20 -17.73	30.80 1.65 -5.10	44.41 2.75 -2.01	38.08 2.44 -4.46	34.03 2.13 -4.99	33.76 2.33 -0.66	36.00 2.62 -0.37	35.42 2.75 0.00	36.40 2.65 0.00	40.49 2.32 -10.64	45.79 1.61 -25.17	39.41 2.70 -4.06	115.92 2.34 -87.77	299.97 1.11 -287.60	220.40 5.11 -159.08	176.23 14.36 0.00	129.83 10.54 0.00	44.65 3.12 0.00	37.80 2.56 0.00	38.38 2.40 0.00
BOWLINE___2 23595	33.39 0.55 -25.07	37.85 1.70 -9.30	32.31 0.93 -16.62	32.66 1.31 -10.87	38.22 1.20 -17.73	30.80 1.65 -5.10	44.41 2.75 -2.01	38.08 2.44 -4.46	34.03 2.13 -4.99	33.76 2.33 -0.66	36.00 2.62 -0.37	35.42 2.75 0.00	36.40 2.65 0.00	40.49 2.32 -10.64	45.79 1.61 -25.17	39.41 2.70 -4.06	115.92 2.34 -87.77	299.98 1.11 -287.61	220.41 5.11 -159.08	176.23 14.36 0.00	129.83 10.54 0.00	44.64 3.11 0.00	37.80 2.56 0.00	38.38 2.40 0.00
BRADY___115KV_TB2 356060	7.63 -0.15 0.00	26.36 -0.48 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.90 -0.40 0.00	23.61 -0.45 0.00	33.96 -0.75 4.95	20.19 -0.77 10.21	19.70 -0.75 6.47	29.98 -0.79 0.00	32.06 -0.94 0.00	31.78 -0.89 0.00	308.92 -0.50 -275.68	434.43 -0.79 -407.69	53.18 -0.85 -35.02	19.19 -1.28 12.17	13.84 -0.93 11.04	4.11 -0.27 6.87	55.22 -0.99 0.00	160.73 -2.74 -1.60	142.05 -1.38 -24.13	41.26 -0.28 -0.02	36.70 -0.14 -1.60	35.80 -0.18 0.00
BRANSCOMB___SOLAR 323811	38.14 0.48 -29.88	38.50 1.62 -10.03	35.13 0.86 -19.52	33.03 1.19 -11.37	39.79 1.14 -19.35	31.62 1.47 -6.10	44.73 2.70 -2.38	38.53 2.08 -5.27	34.49 1.64 -5.93	33.45 1.90 -0.78	35.51 2.05 -0.44	34.23 1.56 0.00	35.16 1.41 0.00	41.70 1.48 -12.68	50.14 1.12 -30.01	39.57 2.08 -4.84	132.10 1.72 -104.58	354.66 0.75 -342.66	248.86 3.92 -188.73	172.51 10.64 0.00	126.93 7.64 0.00	44.32 2.80 0.00	37.51 2.27 0.00	38.20 2.23 0.00
BRDGHMPT_69_KV_BK1 55812	53.10 0.53 -44.79	51.82 1.61 -23.37	52.82 0.94 -37.13	50.88 1.35 -29.06	36.93 1.17 -16.46	31.02 1.78 -5.19	44.28 2.59 -2.04	37.87 2.17 -4.53	33.81 1.83 -5.07	33.42 1.98 -0.67	35.83 2.45 -0.38	35.12 2.44 0.00	35.99 2.24 0.00	40.07 1.72 -10.81	42.20 1.15 -22.03	34.45 2.09 0.29	54.33 1.94 -26.58	55.42 1.03 -43.13	204.41 4.75 -143.45	169.42 13.82 6.27	98.10 10.10 31.30	37.94 2.84 6.43	37.64 2.40 0.00	38.27 2.30 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	53.55 0.69 -45.08	52.64 2.20 -23.59	53.44 1.25 -37.43	51.58 1.76 -29.34	37.28 1.51 -16.46	31.42 2.17 -5.19	44.89 3.19 -2.04	38.37 2.67 -4.53	34.32 2.33 -5.07	34.08 2.64 -0.67	36.55 3.17 -0.38	35.94 3.27 0.00	36.87 3.12 0.00	40.76 2.41 -10.81	42.73 1.61 -22.11	35.19 2.75 0.20	56.05 2.40 -27.84	60.52 1.21 -48.06	205.17 5.14 -143.82	170.37 14.65 6.15	99.33 10.71 30.67	38.43 3.19 6.30	38.13 2.89 0.00	38.86 2.89 0.00
BRISTLHL_115KV_TB1 79998	9.86 -0.20 -2.28	26.92 -0.69 -0.77	15.85 -0.39 -1.49	20.81 -0.53 -0.87	20.30 -0.48 -1.48	23.92 -0.60 -0.47	38.04 -0.91 0.71	29.07 -0.67 1.44	25.60 -0.60 0.72	30.09 -0.74 -0.06	32.27 -0.77 -0.04	32.02 -0.65 0.00	42.69 -0.62 -9.56	41.87 -0.48 -14.82	20.97 -0.38 -2.34	30.04 -0.76 1.84	31.32 -0.68 -6.20	36.63 -0.29 -25.67	69.04 -1.61 -14.44	157.80 -4.12 -0.06	117.03 -3.10 -0.84	40.40 -1.13 0.00	34.33 -0.97 -0.06	35.02 -0.95 0.00
BROOKHAVEN___DRP 24191	53.19 0.62 -44.78	52.17 1.96 -23.37	53.01 1.14 -37.12	51.14 1.62 -29.05	37.18 1.41 -16.46	31.30 2.05 -5.19	44.69 3.00 -2.04	38.22 2.51 -4.53	34.15 2.16 -5.07	33.88 2.44 -0.67	36.26 2.88 -0.38	35.63 2.96 0.00	36.54 2.79 0.00	40.47 2.12 -10.81	42.44 1.40 -22.03	34.81 2.46 0.30	54.54 2.18 -26.55	55.46 1.20 -43.01	204.59 4.94 -143.44	169.74 14.15 6.28	98.37 10.40 31.32	38.14 3.05 6.43	37.94 2.69 0.00	38.64 2.67 0.00
BROOKLYN_NAVY_YARD 23515	33.81 0.60 -25.43	37.20 1.82 -8.54	32.35 1.00 -16.60	31.57 1.42 -9.67	37.04 1.28 -16.46	31.07 1.83 -5.19	44.72 3.02 -2.04	38.45 2.74 -4.53	34.43 2.44 -5.07	34.13 2.69 -0.67	36.38 3.00 -0.38	35.83 3.16 0.00	36.78 3.03 0.00	40.97 2.62 -10.81	46.42 1.81 -25.59	39.82 3.05 -4.13	117.72 2.67 -89.24	304.93 1.26 -292.42	223.38 5.56 -161.61	177.33 15.47 0.00	130.88 11.59 0.00	45.01 3.48 0.00	38.12 2.88 0.00	38.66 2.68 0.00
BROOKLYN___ARMY_DRP 323595	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
BROOME_2_LFGE 323671	17.39 0.07 -9.54	37.76 0.20 -10.71	23.21 0.09 -8.37	35.61 0.16 -14.98	38.39 0.17 -18.92	26.16 0.26 -1.84	40.89 0.56 -0.67	33.33 0.55 -1.60	30.22 0.38 -2.92	31.26 0.32 -0.17	33.51 0.37 -0.14	33.11 0.44 0.00	34.27 0.52 0.00	31.82 0.43 -3.85	28.45 0.32 -9.12	34.56 0.44 -1.47	57.02 0.49 -30.73	112.15 0.21 -100.70	115.58 0.97 -58.40	165.46 3.60 0.00	121.73 2.44 0.00	42.18 0.65 0.00	35.73 0.49 0.00	36.50 0.53 0.00
BROOME___LFGE 323600	17.39 0.07 -9.54	37.76 0.20 -10.71	23.21 0.09 -8.37	35.61 0.16 -14.98	38.39 0.17 -18.92	26.16 0.26 -1.84	40.89 0.56 -0.67	33.33 0.55 -1.60	30.22 0.38 -2.92	31.26 0.32 -0.17	33.51 0.37 -0.14	33.11 0.44 0.00	34.27 0.52 0.00	31.82 0.43 -3.85	28.45 0.32 -9.12	34.56 0.44 -1.47	57.02 0.49 -30.73	112.15 0.21 -100.70	115.58 0.97 -58.40	165.46 3.60 0.00	121.73 2.44 0.00	42.18 0.65 0.00	35.73 0.49 0.00	36.50 0.53 0.00
BROWNFLS_115KV_TB_3_5 80003	8.20 -0.49 -0.90	25.49 -1.66 -0.31	14.41 -0.93 -0.59	19.49 -1.33 -0.34	18.63 -1.25 -0.59	22.76 -1.48 -0.18	23.77 -2.36 13.52	1.16 -2.12 27.90	7.48 -1.84 17.59	28.66 -2.13 -0.02	30.86 -2.16 -0.01	30.69 -1.98 0.00	195.52 -1.55 -163.32	263.13 -1.65 -237.25	20.95 -1.43 -3.36	-3.01 -2.36 33.30	-3.41 -2.10 27.12	2.16 -0.75 8.34	58.91 -3.12 -5.81	153.60 -9.22 -0.95	128.39 -5.20 -14.30	40.19 -1.35 -0.01	35.28 -0.91 -0.95	34.86 -1.12 0.00
BROWNSV1_27_KV_LOAD 356125	33.87 0.67 -25.43	37.42 2.04 -8.54	32.48 1.12 -16.61	31.72 1.57 -9.67	37.18 1.41 -16.46	31.26 2.01 -5.19	45.05 3.35 -2.04	38.68 2.97 -4.53	34.62 2.63 -5.07	34.38 2.95 -0.67	36.67 3.29 -0.38	36.11 3.44 0.00	37.09 3.34 0.00	41.21 2.86 -10.81	46.60 1.99 -25.59	40.13 3.35 -4.13	117.95 2.90 -89.24	305.04 1.37 -292.42	223.95 6.14 -161.61	178.92 17.05 0.00	132.00 12.71 0.00	45.37 3.84 0.00	38.39 3.15 0.00	38.94 2.97 0.00
BURROWS___LYONSDAL 23803	8.77 -0.21 -1.21	26.51 -0.74 -0.41	15.12 -0.42 -0.79	20.34 -0.59 -0.46	19.55 -0.53 -0.78	23.75 -0.55 -0.24	39.01 -0.74 -0.09	30.61 -0.78 -0.21	26.39 -0.77 -0.24	29.57 -1.23 -0.03	31.86 -1.16 -0.02	31.64 -1.03 0.00	87.49 -0.53 -54.28	108.19 -0.57 -81.22	28.26 -0.56 -9.81	32.10 -0.75 -0.20	29.19 -0.90 -4.28	25.13 -0.16 -14.04	63.39 -0.56 -7.74	160.55 -1.63 -0.32	124.55 0.51 -4.75	42.03 0.50 0.00	36.08 0.52 -0.32	36.27 0.29 0.00
CAITHNESS_CC_1 323624	53.18 0.62 -44.78	52.16 1.95 -23.36	52.99 1.12 -37.12	51.13 1.61 -29.04	37.16 1.40 -16.46	31.26 2.02 -5.19	44.62 2.93 -2.04	38.19 2.48 -4.53	34.12 2.14 -5.07	33.86 2.42 -0.67	36.24 2.86 -0.38	35.62 2.95 0.00	36.54 2.79 0.00	40.47 2.12 -10.81	42.44 1.40 -22.03	34.80 2.45 0.30	54.46 2.14 -26.52	55.32 1.17 -42.90	204.47 4.83 -143.43	169.43 13.84 6.28	98.04 10.08 31.33	38.04 2.94 6.43	37.88 2.64 0.00	38.60 2.62 0.00
CALPINE BETH_PAGE_GT4 24209	57.39 0.70 -48.92	55.59 2.21 -26.53	57.48 1.23 -41.50	55.38 1.72 -33.18	37.26 1.49 -16.46	31.36 2.11 -5.19	44.89 3.20 -2.04	38.43 2.73 -4.53	34.41 2.42 -5.07	34.17 2.74 -0.67	36.57 3.19 -0.38	35.99 3.31 0.00	36.94 3.19 0.00	40.88 2.53 -10.81	43.75 1.69 -23.05	36.44 2.83 -0.97	69.52 2.38 -41.34	113.83 1.23 -101.35	210.06 5.20 -148.65	172.04 14.66 4.48	107.65 10.70 22.35	40.12 3.19 4.59	38.10 2.86 0.00	38.86 2.88 0.00
CALPINE_BETH_PAGE_GT_4 323586	57.39 0.70 -48.92	55.60 2.22 -26.53	57.48 1.23 -41.50	55.39 1.73 -33.18	37.27 1.50 -16.46	31.34 2.10 -5.19	44.88 3.18 -2.04	38.43 2.72 -4.53	34.41 2.42 -5.07	34.17 2.73 -0.67	36.57 3.18 -0.38	35.97 3.30 0.00	36.93 3.18 0.00	40.89 2.53 -10.81	43.75 1.69 -23.05	36.44 2.82 -0.97	69.50 2.35 -41.34	113.81 1.21 -101.35	210.06 5.20 -148.65	172.07 14.68 4.48	107.62 10.67 22.35	40.11 3.18 4.59	38.11 2.86 0.00	38.86 2.88 0.00
CALPINE_BP_GT1 23823	57.39 0.70 -48.92	55.60 2.22 -26.53	57.48 1.23 -41.50	55.39 1.73 -33.18	37.27 1.50 -16.46	31.34 2.10 -5.19	44.88 3.18 -2.04	38.43 2.72 -4.53	34.41 2.42 -5.07	34.17 2.73 -0.67	36.57 3.18 -0.38	35.97 3.30 0.00	36.93 3.18 0.00	40.89 2.53 -10.81	43.75 1.69 -23.05	36.44 2.82 -0.97	69.50 2.35 -41.34	113.81 1.21 -101.35	210.06 5.20 -148.65	172.07 14.68 4.48	107.62 10.67 22.35	40.11 3.18 4.59	38.11 2.86 0.00	38.86 2.88 0.00
CALSPAN___DRP 24200	2.80 -0.50 4.48	7.93 -1.80 17.12	9.69 -1.02 4.04	5.29 -1.26 13.92	-0.84 -1.12 19.02	9.26 -1.51 13.29	20.49 -2.47 16.69	18.46 -1.77 10.94	14.15 -1.40 11.37	15.25 -1.13 14.40	17.80 -1.07 14.14	17.69 -0.98 14.00	20.37 -1.11 12.26	17.75 -1.27 8.52	13.74 -0.70 4.58	23.40 -1.53 7.71	31.66 -1.32 -7.17	36.70 -0.47 -25.91	61.47 -3.41 -8.67	149.67 -5.39 6.80	114.80 -4.83 -0.34	39.52 -2.00 0.00	33.34 -1.92 -0.02	34.59 -1.39 0.00

CALVERTON___SOLAR 323806	53.20 0.63 -44.79	52.20 1.98 -23.37	53.02 1.14 -37.12	51.15 1.63 -29.05	37.19 1.42 -16.46	31.30 2.06 -5.19	44.70 3.01 -2.04	38.24 2.53 -4.53	34.16 2.17 -5.07	33.87 2.43 -0.67	36.24 2.85 -0.38	35.59 2.92 0.00	36.50 2.75 0.00	40.45 2.10 -10.81	42.43 1.39 -22.03	34.79 2.44 0.30	54.51 2.15 -26.55	55.46 1.18 -43.03	204.65 4.99 -143.44	170.05 14.46 6.27	98.54 10.56 31.31	38.18 3.08 6.43	37.98 2.73 0.00	38.67 2.70 0.00
CANDIGU_WT_PWR 323617	-25.37 -0.54 32.61	-38.14 -2.20 62.79	-6.74 -1.23 20.26	-17.98 -1.71 36.74	-42.09 -1.58 59.82	-43.00 -1.59 65.46	-43.00 -2.62 80.03	-43.00 -3.01 71.17	-40.60 -2.43 65.09	-40.91 -2.26 69.42	-36.35 -2.26 67.11	-35.46 -1.85 66.28	-40.39 -1.68 72.46	-41.25 -1.52 67.27	-18.89 -0.97 36.93	-8.10 -2.14 38.60	13.99 -1.24 10.58	-11.98 -0.53 22.70	15.73 -2.54 37.94	121.51 -1.63 38.73	118.35 -1.28 -0.34	40.81 -0.72 0.00	34.39 -0.87 -0.02	35.52 -0.45 0.00
CARR STREET_E_SYR 24060	10.33 -0.06 -2.61	27.49 -0.23 -0.88	16.31 -0.14 -1.71	21.29 -0.18 -0.99	20.84 -0.15 -1.69	24.43 -0.16 -0.53	39.68 -0.17 -0.20	31.51 -0.11 -0.44	27.29 -0.15 -0.52	30.67 -0.17 -0.07	32.91 -0.14 -0.04	32.61 -0.06 0.00	42.22 0.00 -8.47	41.27 0.01 -13.72	23.00 -0.01 -4.01	32.95 -0.13 -0.43	34.86 -0.16 -9.21	41.37 -0.06 -30.18	71.91 -0.50 -16.20	161.02 -0.89 -0.05	119.23 -0.80 -0.74	41.17 -0.36 0.00	34.95 -0.34 -0.05	35.66 -0.32 0.00
CARTHAGE___PAPER 23857	8.75 -0.50 -1.47	25.63 -1.71 -0.49	14.76 -0.95 -0.96	19.70 -1.34 -0.56	19.01 -1.24 -0.95	22.94 -1.42 -0.30	22.53 -2.12 15.00	-1.87 -2.08 30.97	5.58 -1.85 19.49	28.35 -2.46 -0.04	30.62 -2.41 -0.02	30.61 -2.06 0.00	109.08 -1.45 -76.79	134.21 -1.50 -108.17	5.30 -1.35 12.35	-6.63 -2.29 36.98	-4.80 -2.09 28.52	6.72 -0.70 3.83	63.23 -2.46 -9.47	154.71 -7.60 -0.45	122.68 -3.33 -6.72	40.97 -0.56 0.00	35.36 -0.33 -0.45	35.33 -0.65 0.00
CASSADAGA_WT_PWR 323784	3.42 -0.57 3.79	7.84 -2.18 16.83	9.57 -1.36 3.82	4.48 -1.59 14.41	-1.49 -1.55 19.23	9.92 -1.94 12.20	21.34 -2.89 15.42	19.10 -1.94 10.14	14.43 -1.84 10.65	15.85 -1.58 13.33	18.44 -1.51 13.06	18.44 -1.29 12.94	21.61 -1.08 11.05	19.07 -1.20 7.27	14.73 -0.53 3.75	24.17 -1.42 7.06	32.99 -0.92 -8.10	39.56 -0.49 -28.79	65.51 -1.97 -11.26	159.16 2.18 4.89	120.57 0.94 -0.34	41.26 -0.27 0.00	34.68 -0.59 -0.02	35.92 -0.06 0.00
CE_DUNWOOD___DRP 24194	33.76 0.58 -25.41	37.16 1.79 -8.53	32.32 0.98 -16.59	31.52 1.38 -9.67	37.00 1.25 -16.45	30.99 1.76 -5.18	44.61 2.92 -2.04	38.28 2.58 -4.53	34.26 2.27 -5.07	33.96 2.52 -0.67	36.21 2.83 -0.38	35.64 2.97 0.00	36.60 2.85 0.00	40.79 2.45 -10.80	46.29 1.71 -25.57	39.65 2.87 -4.13	117.47 2.51 -89.16	304.59 1.19 -292.15	223.05 5.37 -161.47	176.88 15.01 0.00	130.25 10.96 0.00	44.83 3.30 0.00	37.95 2.71 0.00	38.54 2.57 0.00
CE_MILLWOOD___DRP 24193	33.70 0.57 -25.36	37.11 1.75 -8.51	32.27 0.96 -16.56	31.47 1.34 -9.65	36.94 1.22 -16.42	30.94 1.71 -5.17	44.54 2.85 -2.04	38.21 2.51 -4.52	34.18 2.21 -5.06	33.88 2.45 -0.66	36.13 2.75 -0.38	35.55 2.88 0.00	36.52 2.77 0.00	40.70 2.38 -10.78	46.19 1.66 -25.52	39.56 2.79 -4.12	117.23 2.43 -88.99	304.02 1.16 -291.61	222.66 5.26 -161.19	176.54 14.68 0.00	130.03 10.74 0.00	44.75 3.22 0.00	37.89 2.64 0.00	38.47 2.50 0.00
CE_NYC2_DRP 24202	33.84 0.63 -25.43	37.28 1.90 -8.54	32.43 1.07 -16.61	31.63 1.48 -9.67	37.08 1.32 -16.46	31.15 1.91 -5.19	44.80 3.10 -2.04	38.51 2.80 -4.53	34.48 2.49 -5.07	34.20 2.77 -0.67	36.47 3.09 -0.38	35.93 3.26 0.00	36.90 3.15 0.00	41.07 2.72 -10.81	46.51 1.90 -25.59	39.97 3.19 -4.13	117.81 2.76 -89.24	304.96 1.29 -292.42	223.53 5.71 -161.61	177.62 15.76 0.00	131.14 11.84 0.00	45.12 3.59 0.00	38.21 2.97 0.00	38.72 2.74 0.00
CE_NYC_DRP 24195	33.84 0.63 -25.43	37.30 1.92 -8.54	32.42 1.06 -16.61	31.64 1.49 -9.67	37.10 1.34 -16.46	31.16 1.91 -5.19	44.87 3.17 -2.04	38.52 2.81 -4.53	34.50 2.51 -5.07	34.24 2.80 -0.67	36.52 3.13 -0.38	35.96 3.29 0.00	36.95 3.20 0.00	41.09 2.74 -10.81	46.51 1.91 -25.59	39.98 3.21 -4.13	117.83 2.78 -89.24	304.98 1.31 -292.42	223.68 5.86 -161.60	178.09 16.22 0.00	131.34 12.05 0.00	45.15 3.62 0.00	38.21 2.97 0.00	38.76 2.79 0.00
CHAFFEE___LFGE 323603	3.38 -0.50 3.90	8.29 -1.83 16.73	9.88 -1.04 3.82	5.00 -1.33 14.15	-0.87 -1.19 18.98	10.26 -1.45 12.34	21.78 -2.29 15.57	19.20 -1.74 10.23	14.78 -1.42 10.72	16.22 -1.08 13.47	18.81 -1.00 13.19	18.68 -0.92 13.07	21.53 -1.02 11.20	18.88 -1.22 7.44	14.46 -0.66 3.89	24.00 -1.50 7.15	32.38 -1.29 -7.86	38.85 -0.44 -28.04	63.36 -3.36 -10.51	150.83 -5.50 5.53	114.83 -4.80 -0.34	39.51 -2.01 0.00	33.32 -1.94 -0.02	34.57 -1.41 0.00
CHATEAUG_35_KV_LOAD 355732	7.58 -0.19 0.00	26.19 -0.65 0.00	14.39 -0.37 0.00	19.91 -0.57 0.00	18.72 -0.58 0.00	23.38 -0.68 0.00	37.28 -1.12 1.25	27.62 -0.99 2.57	24.48 -0.81 1.63	29.74 -1.03 0.00	31.73 -1.27 0.00	31.35 -1.31 0.00	16.98 -1.11 15.67	2.41 -0.96 24.16	13.51 -0.80 4.70	28.19 -1.39 3.07	21.95 -1.08 2.78	9.11 -0.41 1.73	54.75 -1.46 0.00	157.54 -4.23 0.09	114.89 -2.98 1.42	40.74 -0.78 0.00	34.54 -0.60 0.09	35.43 -0.55 0.00
CHATEAUG_WT_PWR 323614	7.57 -0.21 0.00	26.16 -0.69 0.00	14.35 -0.40 0.00	19.87 -0.61 0.00	18.70 -0.60 0.00	23.32 -0.74 0.00	37.18 -1.23 1.25	27.52 -1.09 2.57	24.43 -0.85 1.63	29.70 -1.07 0.00	31.70 -1.30 0.00	31.30 -1.37 0.00	16.86 -1.22 15.67	2.36 -1.02 24.16	13.45 -0.86 4.70	28.16 -1.42 3.07	21.91 -1.12 2.78	9.05 -0.46 1.73	54.57 -1.64 0.00	156.91 -4.86 0.09	114.29 -3.58 1.42	40.61 -0.92 0.00	34.43 -0.71 0.09	35.34 -0.63 0.00
CHAT_HIGH_FALL_HYD 323578	7.58 -0.19 0.00	26.19 -0.65 0.00	14.39 -0.37 0.00	19.91 -0.57 0.00	18.72 -0.58 0.00	23.38 -0.68 0.00	37.28 -1.12 1.25	27.62 -0.99 2.57	24.48 -0.81 1.63	29.74 -1.03 0.00	31.73 -1.27 0.00	31.35 -1.31 0.00	16.98 -1.11 15.67	2.41 -0.96 24.16	13.51 -0.80 4.70	28.19 -1.39 3.07	21.95 -1.08 2.78	9.11 -0.41 1.73	54.75 -1.46 0.00	157.54 -4.23 0.09	114.89 -2.98 1.42	40.74 -0.78 0.00	34.54 -0.60 0.09	35.43 -0.55 0.00
CHAUTAUQUA___LFGE 323629	3.10 -0.48 4.20	7.88 -1.80 17.16	9.68 -1.08 3.99	4.79 -1.36 14.32	-1.27 -1.23 19.34	9.71 -1.47 12.87	21.18 -2.24 16.23	18.93 -1.59 10.66	14.38 -1.42 11.12	15.61 -1.14 14.02	18.27 -1.01 13.73	18.23 -0.84 13.60	21.22 -0.71 11.81	18.50 -1.00 8.04	14.31 -0.47 4.23	23.93 -1.26 7.46	32.59 -0.86 -7.64	38.29 -0.36 -27.41	64.02 -2.05 -9.86	156.08 0.26 6.05	119.04 -0.59 -0.34	40.76 -0.77 0.00	34.29 -0.97 -0.02	35.55 -0.42 0.00
CHERRYST_13_KV_LD 356241	33.86 0.65 -25.43	37.38 1.99 -8.54	32.46 1.10 -16.61	31.69 1.54 -9.67	37.15 1.39 -16.46	31.22 1.98 -5.19	44.98 3.29 -2.04	38.62 2.92 -4.53	34.59 2.60 -5.07	34.35 2.91 -0.67	36.64 3.26 -0.38	36.08 3.41 0.00	37.09 3.34 0.00	41.21 2.85 -10.81	46.59 1.98 -25.59	40.11 3.34 -4.13	117.94 2.89 -89.24	305.03 1.36 -292.42	223.87 6.05 -161.60	178.60 16.73 0.00	131.73 12.44 0.00	45.27 3.74 0.00	38.31 3.07 0.00	38.86 2.88 0.00

CHESTROR_138KV_BK263 355645	32.71 0.50 -24.43	37.52 1.53 -9.14	31.82 0.84 -16.22	32.36 1.18 -10.71	37.78 1.08 -17.41	30.52 1.49 -4.97	44.10 2.49 -1.96	37.79 2.20 -4.41	33.84 1.88 -5.04	33.45 2.04 -0.64	35.66 2.29 -0.36	35.09 2.42 0.00	36.05 2.30 0.00	39.92 2.01 -10.36	44.95 1.41 -24.53	38.98 2.38 -3.96	113.46 2.08 -85.57	292.63 1.00 -280.38	216.23 4.64 -155.38	174.93 13.07 0.00	128.92 9.63 0.00	44.39 2.86 0.00	37.60 2.35 0.00	38.19 2.21 0.00
CH_MIDHUDSON___DRP 24192	34.38 0.57 -26.03	37.37 1.79 -8.74	32.73 0.97 -17.00	31.74 1.36 -9.90	37.41 1.25 -16.86	31.06 1.70 -5.31	44.61 2.87 -2.09	38.32 2.50 -4.63	34.26 2.16 -5.19	33.81 2.35 -0.68	36.02 2.62 -0.39	35.38 2.71 0.00	36.31 2.57 0.00	40.82 2.21 -11.07	46.77 1.55 -26.20	39.54 2.67 -4.23	119.52 2.35 -91.37	311.75 1.11 -299.39	225.54 5.09 -164.23	176.03 14.16 0.00	129.65 10.36 0.00	44.71 3.18 0.00	37.84 2.60 0.00	38.44 2.46 0.00
CH_MISC_IPPS 23765	34.32 0.63 -25.91	37.55 2.00 -8.70	32.76 1.08 -16.93	31.85 1.52 -9.86	37.48 1.40 -16.78	31.23 1.88 -5.29	44.92 3.19 -2.08	38.57 2.78 -4.61	34.44 2.35 -5.17	34.00 2.55 -0.68	36.21 2.82 -0.39	35.59 2.92 0.00	36.53 2.78 0.00	40.95 2.39 -11.02	46.78 1.68 -26.08	39.76 2.91 -4.21	119.33 2.57 -90.96	310.53 1.23 -298.05	224.45 5.57 -162.67	177.53 15.66 0.00	130.71 11.42 0.00	45.02 3.49 0.00	38.10 2.86 0.00	38.67 2.69 0.00
CH_RES_BVR_FALLS 23983	7.70 -0.08 0.00	26.57 -0.27 0.00	14.61 -0.14 0.00	20.27 -0.21 0.00	19.10 -0.20 0.00	23.80 -0.25 0.00	39.22 -0.43 0.00	30.81 -0.37 0.00	26.60 -0.31 0.00	30.41 -0.36 0.00	32.59 -0.42 0.00	32.23 -0.44 0.00	27.04 -0.39 6.32	17.65 -0.36 9.52	17.71 -0.27 1.03	32.23 -0.42 0.00	25.47 -0.34 0.00	11.12 -0.13 0.00	55.70 -0.51 0.00	160.36 -1.47 0.04	117.74 -0.98 0.57	41.29 -0.24 0.00	35.05 -0.15 0.04	35.83 -0.14 0.00
CH_RES_NIAGARA 23895	4.42 -0.64 2.72	11.14 -2.21 13.50	10.62 -1.27 2.86	7.41 -1.55 11.52	2.56 -1.42 15.33	12.29 -2.00 9.77	23.26 -3.78 12.60	20.10 -2.79 8.28	16.40 -2.01 8.51	18.43 -1.62 10.72	20.87 -1.61 10.53	20.66 -1.57 10.44	23.70 -1.89 8.16	21.08 -1.87 4.59	15.36 -1.11 2.54	24.82 -2.18 5.64	31.56 -2.03 -7.78	37.83 -0.81 -27.39	61.11 -5.56 -10.45	144.08 -12.43 5.35	109.61 -10.01 -0.33	37.89 -3.64 0.00	32.04 -3.22 -0.02	33.33 -2.64 0.00
CH_RES_SYRACUSE 23985	10.51 -0.03 -2.76	26.50 -0.12 0.23	16.15 -0.07 -1.47	19.68 -0.09 0.70	19.05 -0.07 0.18	24.59 -0.05 -0.58	39.89 0.02 -0.22	31.58 0.00 -0.40	27.18 -0.09 -0.35	30.73 -0.11 -0.08	32.96 -0.09 -0.04	32.68 0.01 0.00	41.05 0.08 -7.22	39.60 0.10 -11.96	23.12 0.05 -4.05	33.04 -0.08 -0.47	35.79 -0.08 -10.06	44.20 -0.02 -32.97	73.54 -0.30 -17.62	161.86 -0.05 -0.04	119.71 -0.22 -0.63	41.36 -0.17 0.00	35.09 -0.20 -0.04	35.82 -0.16 0.00
CLINTON_WT_PWR 323605	7.57 -0.21 0.00	26.16 -0.69 0.00	14.35 -0.40 0.00	19.87 -0.61 0.00	18.70 -0.60 0.00	23.32 -0.74 0.00	37.18 -1.23 1.25	27.52 -1.09 2.57	24.43 -0.85 1.63	29.70 -1.07 0.00	31.70 -1.30 0.00	31.30 -1.37 0.00	16.86 -1.22 15.67	2.36 -1.02 24.16	13.45 -0.86 4.70	28.16 -1.42 3.07	21.91 -1.12 2.78	9.05 -0.46 1.73	54.57 -1.64 0.00	156.91 -4.86 0.09	114.29 -3.58 1.42	40.61 -0.92 0.00	34.43 -0.71 0.09	35.34 -0.63 0.00
CLINTON___LFGE 323618	7.65 -0.13 0.00	26.41 -0.43 0.00	14.50 -0.26 0.00	20.08 -0.39 0.00	18.90 -0.40 0.00	23.60 -0.46 0.00	37.69 -0.71 1.25	27.97 -0.64 2.57	24.78 -0.50 1.63	30.04 -0.73 0.00	32.00 -1.00 0.00	31.58 -1.09 0.00	17.22 -0.86 15.67	2.76 -0.62 24.16	13.72 -0.59 4.70	28.55 -1.03 3.07	22.23 -0.80 2.78	9.17 -0.35 1.73	55.31 -0.90 0.00	159.43 -2.34 0.09	116.01 -1.86 1.42	41.18 -0.35 0.00	34.86 -0.28 0.09	35.72 -0.26 0.00
COBBLENY_34_KV_TB1 80064	3.38 -0.50 3.90	8.34 -1.78 16.73	9.91 -1.02 3.82	5.08 -1.25 14.15	-0.79 -1.11 18.98	10.25 -1.47 12.34	21.71 -2.37 15.57	19.25 -1.69 10.23	14.85 -1.35 10.72	16.22 -1.08 13.47	18.79 -1.02 13.19	18.68 -0.91 13.07	21.51 -1.04 11.20	18.88 -1.22 7.44	14.46 -0.66 3.89	24.00 -1.50 7.15	32.38 -1.29 -7.86	38.85 -0.44 -28.04	63.39 -3.34 -10.51	150.97 -5.36 5.53	114.85 -4.78 -0.34	39.51 -2.02 0.00	33.32 -1.95 -0.02	34.56 -1.41 0.00
COFFEEN___115KV_TB3 355620	8.96 -0.45 -1.64	25.82 -1.58 -0.55	14.94 -0.88 -1.07	19.87 -1.23 -0.62	19.23 -1.13 -1.06	23.14 -1.25 -0.33	25.73 -1.73 12.20	4.11 -1.90 25.17	9.43 -1.68 15.80	28.40 -2.41 -0.04	30.67 -2.36 -0.03	30.85 -1.82 0.00	96.29 -1.12 -63.66	116.24 -1.25 -89.95	8.23 -1.33 9.45	0.21 -2.36 30.08	2.06 -2.07 21.68	12.58 -0.69 -2.02	64.91 -1.86 -10.56	156.55 -5.69 -0.37	122.80 -2.06 -5.57	41.35 -0.18 0.00	35.44 -0.18 -0.37	35.43 -0.55 0.00
COLDSPRG_115KV_BK1 355956	4.31 -0.31 3.15	9.36 -1.19 16.30	10.42 -0.77 3.57	5.12 -0.80 14.55	-0.47 -0.70 19.07	12.01 -0.92 11.13	24.33 -1.18 14.15	21.18 -0.66 9.33	16.36 -0.66 9.90	18.20 -0.32 12.26	20.90 -0.12 11.99	20.89 0.10 11.88	24.08 0.18 9.85	21.26 -0.22 6.05	16.06 0.04 2.99	25.75 -0.48 6.42	34.29 -0.34 -8.83	42.11 -0.12 -30.98	68.68 -0.99 -13.46	161.93 3.13 3.06	121.10 1.47 -0.34	41.41 -0.12 0.00	34.81 -0.45 -0.02	36.05 0.07 0.00
COLONIE_LFGE___ 323577	37.77 0.39 -29.61	38.12 1.34 -9.94	34.80 0.71 -19.34	32.72 0.98 -11.26	39.40 0.94 -19.17	31.28 1.19 -6.04	44.01 1.99 -2.36	37.95 1.54 -5.24	34.14 1.34 -5.89	33.08 1.53 -0.77	35.15 1.70 -0.44	34.20 1.53 0.00	35.13 1.39 0.00	41.43 1.32 -12.58	49.73 0.96 -29.76	39.17 1.73 -4.80	130.93 1.41 -103.71	351.63 0.56 -339.82	246.45 3.08 -187.15	169.87 8.00 0.00	125.05 5.76 0.00	43.62 2.09 0.00	37.03 1.79 0.00	37.74 1.76 0.00
COOPERNY_115KV_TB1 80082	29.56 0.44 -21.34	36.64 1.37 -8.43	29.80 0.75 -14.30	31.57 1.06 -10.03	36.24 0.98 -15.97	29.71 1.32 -4.34	43.55 2.20 -1.70	36.98 1.94 -3.86	33.06 1.66 -4.48	33.11 1.78 -0.56	35.31 1.99 -0.32	34.78 2.11 0.00	35.76 2.01 0.00	38.33 1.75 -9.04	41.62 1.21 -21.40	38.15 2.05 -3.45	102.65 1.80 -75.05	258.03 0.87 -245.90	196.31 4.03 -136.07	173.27 11.41 0.00	127.71 8.42 0.00	44.02 2.50 0.00	37.32 2.07 0.00	37.92 1.94 0.00
COPENHAGEN_WT_PWR 323753	8.90 -0.56 -1.68	25.45 -1.96 -0.56	14.77 -1.08 -1.10	19.60 -1.51 -0.64	18.99 -1.40 -1.09	22.80 -1.60 -0.34	25.88 -2.32 11.45	5.25 -2.31 23.62	10.05 -2.05 14.82	28.11 -2.71 -0.05	30.33 -2.70 -0.03	30.37 -2.30 0.00	92.25 -1.66 -60.16	110.95 -1.68 -85.09	8.86 -1.47 8.68	1.76 -2.65 28.24	3.65 -2.30 19.86	14.03 -0.80 -3.58	64.34 -2.72 -10.85	153.40 -8.82 -0.35	120.56 -4.00 -5.27	40.91 -0.62 0.00	35.16 -0.43 -0.35	35.21 -0.77 0.00
CORNELL_____ 23752	16.58 0.11 -8.69	29.61 0.33 -2.44	19.24 0.16 -4.33	19.16 0.25 1.57	20.59 0.27 -1.02	30.76 0.38 -6.32	47.14 0.79 -6.70	36.63 0.62 -4.84	31.69 0.37 -4.41	36.39 0.23 -5.38	38.30 0.09 -5.20	37.87 0.16 -5.04	44.55 0.37 -10.43	43.20 0.47 -15.19	29.52 0.36 -10.15	37.16 0.52 -4.00	50.15 0.43 -23.90	88.90 0.19 -77.46	100.24 1.27 -42.76	169.70 5.41 -2.43	123.31 3.62 -0.40	42.55 1.02 0.00	36.04 0.77 -0.03	36.79 0.81 0.00

CORONA__69_KV_TB1 355595	73.69 0.69 -65.23	68.06 2.19 -39.03	74.75 1.21 -58.79	71.68 1.70 -49.51	37.25 1.49 -16.46	31.32 2.07 -5.20	44.93 3.24 -2.04	38.48 2.77 -4.53	34.44 2.46 -5.07	34.21 2.78 -0.67	36.60 3.22 -0.38	36.02 3.35 0.00	36.99 3.24 0.00	40.99 2.64 -10.81	46.26 1.83 -25.41	39.61 3.06 -3.91	114.51 2.62 -86.09	286.44 1.32 -273.87	222.65 5.74 -160.70	177.63 16.08 0.32	129.47 11.76 1.58	44.75 3.54 0.33	38.27 3.03 0.00	38.93 2.95 0.00
CORTLAND__115KV_TB3 80093	13.91 0.09 -6.04	30.18 0.27 -3.06	18.71 0.13 -3.83	23.14 0.21 -2.46	23.91 0.22 -4.38	27.11 0.30 -2.75	42.79 0.64 -2.50	33.95 0.53 -2.24	29.59 0.35 -2.33	32.92 0.24 -1.91	35.03 0.22 -1.81	34.65 0.26 -1.71	42.96 0.40 -8.81	42.25 0.42 -14.29	26.62 0.27 -7.34	34.96 0.46 -1.85	44.82 0.35 -18.66	72.26 0.18 -60.83	89.98 0.90 -32.87	165.51 3.60 -0.04	122.30 2.41 -0.60	42.22 0.69 0.00	35.82 0.54 -0.04	36.52 0.55 0.00
COXSACKIE__GT 23611	36.61 0.51 -28.32	38.09 1.74 -9.51	34.16 0.91 -18.50	32.51 1.26 -10.77	38.83 1.19 -18.34	31.41 1.57 -5.78	44.66 2.74 -2.27	38.35 2.14 -5.03	34.07 1.51 -5.64	33.07 1.56 -0.74	35.01 1.58 -0.42	34.17 1.50 0.00	35.12 1.37 0.00	40.93 1.35 -12.04	48.50 0.98 -28.50	39.05 1.81 -4.60	126.68 1.53 -99.35	337.74 0.96 -325.53	240.14 4.67 -179.26	174.57 12.70 0.00	128.42 9.13 0.00	44.56 3.03 0.00	37.71 2.47 0.00	38.35 2.38 0.00
CPV_VALLEY__CC1 323721	31.79 0.44 -23.57	37.13 1.37 -8.92	31.18 0.75 -15.68	32.01 1.05 -10.48	37.23 0.97 -16.96	30.17 1.32 -4.79	43.73 2.18 -1.89	37.41 1.97 -4.26	33.49 1.70 -4.88	33.23 1.84 -0.62	35.43 2.07 -0.35	34.86 2.19 0.00	35.83 2.08 0.00	39.37 1.83 -10.00	43.94 1.27 -23.66	38.61 2.14 -3.82	110.23 1.88 -82.54	282.63 0.90 -270.48	210.14 4.13 -149.80	173.50 11.64 0.00	127.82 8.53 0.00	44.04 2.51 0.00	37.32 2.08 0.00	37.92 1.95 0.00
CPV_VALLEY__CC2 323722	31.79 0.44 -23.57	37.13 1.37 -8.92	31.18 0.75 -15.68	32.01 1.05 -10.48	37.23 0.97 -16.96	30.17 1.32 -4.79	43.73 2.18 -1.89	37.41 1.97 -4.26	33.49 1.70 -4.88	33.23 1.84 -0.62	35.43 2.07 -0.35	34.86 2.19 0.00	35.83 2.08 0.00	39.37 1.83 -10.00	43.94 1.27 -23.66	38.61 2.14 -3.82	110.23 1.88 -82.54	282.63 0.90 -270.48	210.14 4.13 -149.80	173.50 11.64 0.00	127.82 8.53 0.00	44.04 2.51 0.00	37.32 2.08 0.00	37.92 1.95 0.00
CRESCENT__HYD 24018	37.77 0.39 -29.61	38.12 1.34 -9.94	34.80 0.71 -19.34	32.72 0.98 -11.26	39.40 0.94 -19.17	31.28 1.19 -6.04	44.01 1.99 -2.36	37.95 1.54 -5.24	34.14 1.34 -5.89	33.08 1.53 -0.77	35.15 1.70 -0.44	34.20 1.53 0.00	35.13 1.39 0.00	41.43 1.32 -12.58	49.73 0.96 -29.76	39.17 1.73 -4.80	130.93 1.41 -103.71	351.63 0.56 -339.82	246.45 3.08 -187.15	169.87 8.00 0.00	125.05 5.76 0.00	43.62 2.09 0.00	37.03 1.79 0.00	37.74 1.76 0.00
CRICKET__VALLEY_CC1 323756	34.43 0.50 -26.16	37.18 1.55 -8.78	32.67 0.84 -17.08	31.60 1.18 -9.95	37.30 1.07 -16.93	30.86 1.47 -5.33	44.23 2.48 -2.10	38.06 2.22 -4.66	34.06 1.93 -5.22	33.59 2.13 -0.69	35.80 2.41 -0.39	35.15 2.48 0.00	35.99 2.24 0.00	40.59 1.94 -11.12	46.68 1.34 -26.32	39.21 2.32 -4.25	119.66 2.09 -91.77	312.93 0.98 -300.70	226.71 4.50 -166.00	174.36 12.50 0.00	128.33 9.04 0.00	44.28 2.76 0.00	37.50 2.25 0.00	38.09 2.11 0.00
CRICKET__VALLEY_CC2 323757	34.43 0.50 -26.16	37.18 1.55 -8.78	32.67 0.84 -17.08	31.60 1.18 -9.95	37.30 1.07 -16.93	30.86 1.47 -5.33	44.23 2.48 -2.10	38.06 2.22 -4.66	34.06 1.93 -5.22	33.59 2.13 -0.69	35.80 2.41 -0.39	35.15 2.48 0.00	35.99 2.24 0.00	40.59 1.94 -11.12	46.68 1.34 -26.32	39.21 2.32 -4.25	119.66 2.09 -91.77	312.93 0.98 -300.70	226.71 4.50 -166.00	174.36 12.50 0.00	128.33 9.04 0.00	44.28 2.76 0.00	37.50 2.25 0.00	38.09 2.11 0.00
CRICKET__VALLEY_CC3 323758	34.43 0.50 -26.16	37.18 1.55 -8.78	32.67 0.84 -17.08	31.60 1.18 -9.95	37.30 1.07 -16.93	30.86 1.47 -5.33	44.23 2.48 -2.10	38.06 2.22 -4.66	34.06 1.93 -5.22	33.59 2.13 -0.69	35.80 2.41 -0.39	35.15 2.48 0.00	35.99 2.24 0.00	40.59 1.94 -11.12	46.68 1.34 -26.32	39.21 2.32 -4.25	119.66 2.09 -91.77	312.93 0.98 -300.70	226.71 4.50 -166.00	174.36 12.50 0.00	128.33 9.04 0.00	44.28 2.76 0.00	37.50 2.25 0.00	38.09 2.11 0.00
CRUCIBLE__METL_DRP 24180	10.51 -0.03 -2.76	26.51 -0.11 0.23	16.15 -0.07 -1.47	19.69 -0.08 0.70	19.06 -0.06 0.18	24.59 -0.05 -0.58	39.89 0.02 -0.22	31.59 0.01 -0.40	27.19 -0.08 -0.35	30.74 -0.10 -0.08	32.96 -0.09 -0.04	32.69 0.02 0.00	41.04 0.08 -7.22	39.60 0.10 -11.96	23.12 0.05 -4.05	33.04 -0.08 -0.47	35.79 -0.08 -10.06	44.20 -0.03 -32.97	73.54 -0.30 -17.62	161.86 -0.05 -0.04	119.71 -0.22 -0.63	41.36 -0.17 0.00	35.09 -0.20 -0.04	35.82 -0.16 0.00
DAHOWA__HYDRO 323763	38.23 0.51 -29.93	38.62 1.73 -10.05	35.21 0.91 -19.55	33.13 1.26 -11.39	39.89 1.21 -19.38	31.73 1.57 -6.11	44.96 2.93 -2.38	38.71 2.26 -5.28	34.62 1.76 -5.94	33.57 2.02 -0.78	35.62 2.17 -0.44	34.28 1.61 0.00	35.23 1.48 0.00	41.80 1.56 -12.71	50.25 1.17 -30.07	39.70 2.20 -4.85	132.42 1.84 -104.77	355.36 0.80 -343.31	249.51 4.21 -189.08	173.39 11.53 0.00	127.56 8.27 0.00	44.55 3.02 0.00	37.67 2.43 0.00	38.34 2.37 0.00
DANC__LFGE 323619	9.33 -0.37 -1.93	26.18 -1.32 -0.65	15.28 -0.73 -1.26	20.20 -1.01 -0.73	19.61 -0.94 -1.24	23.36 -1.09 -0.39	30.70 -1.61 7.34	14.52 -1.53 15.13	16.13 -1.37 9.42	29.07 -1.76 -0.05	31.29 -1.75 -0.03	31.20 -1.47 0.00	73.62 -1.07 -40.94	84.88 -1.07 -58.42	13.66 -0.92 4.43	12.77 -1.74 18.13	14.39 -1.56 9.85	22.83 -0.55 -12.13	66.24 -2.07 -12.09	155.66 -6.44 -0.24	119.58 -3.29 -3.58	40.82 -0.71 0.00	34.93 -0.55 -0.24	35.24 -0.74 0.00
DANSKAMMER__1 23586	34.32 0.63 -25.91	37.55 2.00 -8.70	32.76 1.08 -16.93	31.85 1.52 -9.86	37.48 1.40 -16.78	31.23 1.88 -5.29	44.92 3.19 -2.08	38.57 2.78 -4.61	34.44 2.35 -5.17	34.00 2.55 -0.68	36.21 2.82 -0.39	35.59 2.92 0.00	36.53 2.78 0.00	40.95 2.39 -11.02	46.78 1.68 -26.08	39.76 2.91 -4.21	119.33 2.57 -90.96	310.53 1.23 -298.05	224.45 5.57 -162.67	177.53 15.66 0.00	130.71 11.42 0.00	45.02 3.49 0.00	38.10 2.86 0.00	38.67 2.69 0.00
DANSKAMMER__2 23589	34.32 0.63 -25.91	37.55 2.00 -8.70	32.76 1.08 -16.93	31.85 1.52 -9.86	37.48 1.40 -16.78	31.23 1.88 -5.29	44.92 3.19 -2.08	38.57 2.78 -4.61	34.44 2.35 -5.17	34.00 2.55 -0.68	36.21 2.82 -0.39	35.59 2.92 0.00	36.53 2.78 0.00	40.95 2.39 -11.02	46.78 1.68 -26.08	39.76 2.91 -4.21	119.33 2.57 -90.96	310.53 1.23 -298.05	224.45 5.57 -162.67	177.53 15.66 0.00	130.71 11.42 0.00	45.02 3.49 0.00	38.10 2.86 0.00	38.67 2.69 0.00
DANSKAMMER__3 23590	34.32 0.63 -25.91	37.55 2.00 -8.70	32.76 1.08 -16.93	31.85 1.52 -9.86	37.48 1.40 -16.78	31.23 1.88 -5.29	44.92 3.19 -2.08	38.57 2.78 -4.61	34.44 2.35 -5.17	34.00 2.55 -0.68	36.21 2.82 -0.39	35.59 2.92 0.00	36.53 2.78 0.00	40.95 2.39 -11.02	46.78 1.68 -26.08	39.76 2.91 -4.21	119.33 2.57 -90.96	310.53 1.23 -298.05	224.45 5.57 -162.67	177.53 15.66 0.00	130.71 11.42 0.00	45.02 3.49 0.00	38.10 2.86 0.00	38.67 2.69 0.00

DANSKAMMER___4 23591	34.32 0.63 -25.91	37.55 2.00 -8.70	32.76 1.08 -16.93	31.85 1.52 -9.86	37.48 1.40 -16.78	31.23 1.88 -5.29	44.92 3.19 -2.08	38.57 2.78 -4.61	34.44 2.35 -5.17	34.00 2.55 -0.68	36.21 2.82 -0.39	35.59 2.92 0.00	36.53 2.78 0.00	40.95 2.39 -11.02	46.78 1.68 -26.08	39.76 2.91 -4.21	119.33 2.57 -90.96	310.53 1.23 -298.05	224.45 5.57 -162.67	177.53 15.66 0.00	130.71 11.42 0.00	45.02 3.49 0.00	38.10 2.86 0.00	38.67 2.69 0.00
DANSKAMMER___DIESEL 23592	34.33 0.63 -25.91	37.54 1.99 -8.70	32.76 1.08 -16.93	31.84 1.51 -9.86	37.47 1.39 -16.78	31.23 1.89 -5.29	44.94 3.21 -2.08	38.57 2.78 -4.61	34.44 2.35 -5.17	34.00 2.55 -0.68	36.22 2.82 -0.39	35.59 2.92 0.00	36.54 2.79 0.00	40.95 2.39 -11.02	46.78 1.69 -26.08	39.77 2.91 -4.21	119.33 2.57 -90.96	310.54 1.24 -298.05	224.46 5.57 -162.67	177.48 15.62 0.00	130.71 11.42 0.00	45.03 3.50 0.00	38.10 2.86 0.00	38.67 2.70 0.00
DARBY___SOLAR 323810	38.15 0.49 -29.89	38.52 1.64 -10.03	35.14 0.87 -19.52	33.05 1.20 -11.37	39.80 1.15 -19.35	31.64 1.49 -6.10	44.77 2.74 -2.38	38.55 2.10 -5.27	34.51 1.66 -5.93	33.48 1.93 -0.78	35.53 2.08 -0.44	34.23 1.56 0.00	35.17 1.42 0.00	41.71 1.49 -12.68	50.15 1.13 -30.01	39.59 2.10 -4.84	132.14 1.74 -104.58	354.69 0.74 -342.70	248.90 3.94 -188.74	172.57 10.70 0.00	126.97 7.68 0.00	44.34 2.82 0.00	37.54 2.29 0.00	38.22 2.24 0.00
DASHVILLE___HYD 23610	34.47 0.52 -26.17	37.31 1.68 -8.78	32.75 0.90 -17.09	31.70 1.27 -9.96	37.42 1.18 -16.94	30.96 1.57 -5.34	44.45 2.70 -2.10	38.20 2.36 -4.65	34.12 1.99 -5.22	33.64 2.18 -0.69	35.83 2.43 -0.39	35.19 2.52 0.00	36.14 2.39 0.00	40.67 2.00 -11.13	46.78 1.43 -26.33	39.36 2.46 -4.25	119.78 2.10 -91.88	313.33 1.02 -301.06	225.88 4.67 -165.00	175.21 13.34 0.00	129.06 9.77 0.00	44.52 2.99 0.00	37.69 2.46 0.00	38.27 2.30 0.00
DELAWARE___LFGE 323621	20.51 0.25 -12.48	34.56 0.91 -6.80	24.13 0.49 -8.89	29.87 0.70 -8.70	32.49 0.68 -12.51	27.43 0.87 -2.51	42.50 2.35 -0.49	34.52 1.93 -1.41	31.01 1.19 -2.90	32.11 1.02 -0.32	34.30 1.11 -0.18	33.82 1.15 0.00	34.91 1.17 0.00	33.77 0.99 -5.24	32.10 0.69 -12.40	35.80 1.15 -2.00	71.31 1.07 -44.43	157.34 0.50 -145.59	139.72 2.39 -81.13	169.09 7.22 0.00	124.50 5.21 0.00	43.12 1.59 0.00	36.58 1.34 0.00	37.28 1.30 0.00
DERFIELD_115KV_TB7 355931	7.83 0.05 0.00	27.01 0.16 0.00	14.84 0.09 0.00	20.58 0.11 0.00	19.42 0.11 0.00	24.18 0.13 0.00	41.23 0.23 -1.35	34.14 0.18 -2.79	28.83 0.15 -1.76	30.92 0.15 0.00	33.17 0.17 0.00	32.80 0.13 0.00	39.27 0.14 -5.38	36.27 0.15 -8.59	22.29 0.11 -3.16	36.18 0.21 -3.32	28.99 0.18 -3.01	13.20 0.08 -1.87	56.59 0.38 0.00	162.90 1.00 -0.03	120.48 0.72 -0.47	41.76 0.23 0.00	35.50 0.23 -0.03	36.19 0.22 0.00
DOGLEVILLE___HYD 23807	8.12 0.34 0.00	28.10 1.25 0.00	15.41 0.65 0.00	21.44 0.96 0.00	20.23 0.94 0.00	25.22 1.16 0.00	43.03 2.03 -1.35	34.76 0.80 -2.79	29.22 0.54 -1.76	31.55 0.78 0.00	33.14 0.14 0.00	31.98 -0.69 0.00	38.92 -0.21 -5.38	36.13 0.01 -8.59	22.52 0.34 -3.16	36.77 0.80 -3.32	30.45 1.64 -3.01	13.69 0.57 -1.87	60.20 3.99 0.00	173.24 11.34 -0.03	127.15 7.39 -0.47	43.72 2.19 0.00	37.49 2.22 -0.03	38.18 2.20 0.00
DUNKIRK___115KV_TB_200 55889	3.07 -0.46 4.24	7.95 -1.70 17.20	9.72 -1.03 4.00	4.90 -1.26 14.31	-1.13 -1.08 19.35	9.69 -1.43 12.94	21.14 -2.20 16.30	18.99 -1.48 10.71	14.44 -1.31 11.17	15.62 -1.07 14.08	18.26 -0.94 13.79	18.25 -0.76 13.67	21.19 -0.67 11.89	18.46 -0.96 8.12	14.29 -0.45 4.28	23.92 -1.22 7.50	32.55 -0.85 -7.60	38.17 -0.35 -27.27	63.87 -2.06 -9.72	155.80 0.10 6.16	118.74 -0.89 -0.34	40.67 -0.86 0.00	34.22 -1.04 -0.02	35.48 -0.50 0.00
DUNKIRK___1 23563	3.07 -0.46 4.24	7.95 -1.70 17.20	9.72 -1.03 4.00	4.90 -1.26 14.31	-1.13 -1.08 19.35	9.69 -1.43 12.94	21.14 -2.20 16.30	18.99 -1.48 10.71	14.44 -1.31 11.17	15.62 -1.07 14.08	18.26 -0.94 13.79	18.25 -0.76 13.67	21.19 -0.67 11.89	18.46 -0.96 8.12	14.29 -0.45 4.28	23.92 -1.22 7.50	32.55 -0.85 -7.60	38.17 -0.35 -27.27	63.87 -2.06 -9.72	155.80 0.10 6.16	118.74 -0.89 -0.34	40.67 -0.86 0.00	34.22 -1.04 -0.02	35.48 -0.50 0.00
DUNKIRK___2 23564	3.07 -0.46 4.24	7.95 -1.70 17.20	9.72 -1.03 4.00	4.90 -1.26 14.31	-1.13 -1.08 19.35	9.69 -1.43 12.94	21.14 -2.20 16.30	18.99 -1.48 10.71	14.44 -1.31 11.17	15.62 -1.07 14.08	18.26 -0.94 13.79	18.25 -0.76 13.67	21.19 -0.67 11.89	18.46 -0.96 8.12	14.29 -0.45 4.28	23.92 -1.22 7.50	32.55 -0.85 -7.60	38.17 -0.35 -27.27	63.87 -2.06 -9.72	155.80 0.10 6.16	118.74 -0.89 -0.34	40.67 -0.86 0.00	34.22 -1.04 -0.02	35.48 -0.50 0.00
DUNKIRK___3 23565	2.90 -0.46 4.42	7.76 -1.67 17.41	9.66 -1.00 4.09	4.89 -1.23 14.36	-1.24 -1.05 19.50	9.42 -1.39 13.24	20.78 -2.20 16.67	18.71 -1.52 10.95	14.24 -1.29 11.39	15.34 -1.03 14.40	18.00 -0.91 14.10	17.95 -0.76 13.97	20.80 -0.72 12.23	18.08 -1.00 8.46	14.05 -0.49 4.48	23.68 -1.28 7.68	32.27 -1.28 -7.44	37.68 -0.38 -26.81	62.94 -2.45 -9.18	153.61 -1.58 6.67	117.51 -2.12 -0.34	40.29 -1.24 0.00	33.94 -1.33 -0.02	35.20 -0.78 0.00
DUNKIRK___4 23566	2.90 -0.46 4.42	7.76 -1.67 17.41	9.66 -1.00 4.09	4.89 -1.23 14.36	-1.24 -1.05 19.50	9.42 -1.39 13.24	20.78 -2.20 16.67	18.71 -1.52 10.95	14.24 -1.29 11.39	15.34 -1.03 14.40	18.00 -0.91 14.10	17.95 -0.76 13.97	20.80 -0.72 12.23	18.08 -1.00 8.46	14.05 -0.49 4.48	23.68 -1.28 7.68	32.27 -1.28 -7.44	37.68 -0.38 -26.81	62.94 -2.45 -9.18	153.61 -1.58 6.67	117.51 -2.12 -0.34	40.29 -1.24 0.00	33.94 -1.33 -0.02	35.20 -0.78 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.80 0.59 -25.43	37.20 1.82 -8.54	32.36 1.00 -16.61	31.55 1.40 -9.67	37.03 1.27 -16.46	31.03 1.78 -5.19	44.66 2.97 -2.04	38.35 2.64 -4.53	34.33 2.35 -5.07	34.05 2.62 -0.67	36.32 2.94 -0.38	35.74 3.07 0.00	36.71 2.96 0.00	40.89 2.53 -10.81	46.37 1.76 -25.59	39.75 2.97 -4.13	117.63 2.58 -89.24	304.87 1.22 -292.41	223.34 5.52 -161.60	177.23 15.37 0.00	130.59 11.30 0.00	44.92 3.39 0.00	38.05 2.80 0.00	38.63 2.66 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.24 0.64 -25.83	37.53 2.02 -8.67	32.71 1.09 -16.87	31.83 1.53 -9.83	37.43 1.40 -16.72	31.24 1.91 -5.27	44.98 3.25 -2.07	38.58 2.81 -4.60	34.41 2.34 -5.15	33.96 2.51 -0.68	36.15 2.76 -0.39	35.52 2.85 0.00	36.46 2.72 0.00	40.83 2.31 -10.98	46.65 1.65 -25.99	39.67 2.83 -4.20	118.99 2.51 -90.67	309.58 1.22 -297.10	221.93 5.37 -160.35	176.70 14.83 0.00	130.22 10.93 0.00	44.83 3.30 0.00	37.94 2.70 0.00	38.52 2.54 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.84 0.64 -25.43	37.31 1.93 -8.54	32.45 1.09 -16.61	31.62 1.47 -9.67	37.09 1.33 -16.46	31.14 1.90 -5.19	44.75 3.06 -2.04	38.51 2.80 -4.53	34.43 2.45 -5.07	34.13 2.69 -0.67	36.39 3.01 -0.38	35.85 3.18 0.00	36.78 3.03 0.00	41.00 2.65 -10.81	46.45 1.84 -25.59	39.92 3.14 -4.13	117.73 2.68 -89.24	304.94 1.27 -292.42	223.30 5.48 -161.61	177.19 15.33 0.00	131.13 11.84 0.00	45.12 3.60 0.00	38.23 2.98 0.00	38.68 2.70 0.00

E179THST_13_KV_LOAD 356214	33.88 0.67 -25.43	37.40 2.02 -8.54	32.50 1.14 -16.61	31.68 1.53 -9.67	37.16 1.39 -16.46	31.23 1.99 -5.19	44.91 3.21 -2.04	38.65 2.94 -4.53	34.56 2.57 -5.07	34.28 2.84 -0.67	36.56 3.17 -0.38	36.01 3.34 0.00	36.95 3.20 0.00	41.14 2.79 -10.81	46.54 1.94 -25.59	40.08 3.31 -4.13	117.87 2.82 -89.24	305.00 1.33 -292.42	223.59 5.77 -161.61	178.01 16.14 0.00	131.72 12.43 0.00	45.33 3.80 0.00	38.39 3.15 0.00	38.83 2.86 0.00
EAST HAMPTON___GT 23717	52.99 0.41 -44.79	51.41 1.19 -23.37	52.59 0.71 -37.13	50.56 1.03 -29.06	36.64 0.87 -16.46	30.64 1.39 -5.19	43.64 1.94 -2.04	37.39 1.68 -4.53	33.40 1.41 -5.07	32.91 1.48 -0.67	35.29 1.91 -0.38	34.59 1.92 0.00	35.43 1.69 0.00	39.66 1.31 -10.81	41.93 0.88 -22.03	33.98 1.63 0.29	53.96 1.57 -26.58	55.17 0.78 -43.13	203.73 4.07 -143.45	167.51 11.92 6.27	96.55 8.56 31.30	37.38 2.28 6.43	37.15 1.91 0.00	37.73 1.75 0.00
EAST RIVER___6 23660	33.85 0.65 -25.43	37.36 1.98 -8.54	32.45 1.09 -16.61	31.68 1.53 -9.67	37.14 1.37 -16.46	31.19 1.94 -5.19	44.90 3.21 -2.04	38.60 2.89 -4.53	34.57 2.58 -5.07	34.33 2.89 -0.67	36.61 3.23 -0.38	36.05 3.38 0.00	37.05 3.30 0.00	41.19 2.84 -10.81	46.58 1.97 -25.59	40.10 3.33 -4.13	117.93 2.88 -89.24	305.02 1.35 -292.42	223.85 6.03 -161.60	178.56 16.70 0.00	131.68 12.39 0.00	45.25 3.72 0.00	38.29 3.04 0.00	38.83 2.86 0.00
EAST RIVER___7 23524	33.85 0.65 -25.43	37.36 1.98 -8.54	32.45 1.09 -16.61	31.68 1.53 -9.67	37.14 1.37 -16.46	31.19 1.94 -5.19	44.90 3.21 -2.04	38.60 2.89 -4.53	34.57 2.58 -5.07	34.33 2.89 -0.67	36.61 3.23 -0.38	36.05 3.38 0.00	37.05 3.30 0.00	41.19 2.84 -10.81	46.58 1.97 -25.59	40.10 3.33 -4.13	117.93 2.88 -89.24	305.02 1.35 -292.42	223.85 6.03 -161.60	178.56 16.70 0.00	131.68 12.39 0.00	45.25 3.72 0.00	38.29 3.04 0.00	38.83 2.86 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.76 0.58 -25.41	37.16 1.79 -8.53	32.32 0.98 -16.59	31.52 1.38 -9.67	37.00 1.25 -16.45	30.99 1.76 -5.18	44.61 2.92 -2.04	38.28 2.58 -4.53	34.26 2.27 -5.07	33.96 2.52 -0.67	36.21 2.83 -0.38	35.64 2.97 0.00	36.60 2.85 0.00	40.79 2.45 -10.80	46.29 1.71 -25.57	39.65 2.87 -4.13	117.47 2.51 -89.16	304.59 1.19 -292.15	223.05 5.37 -161.47	176.88 15.01 0.00	130.25 10.96 0.00	44.83 3.30 0.00	37.95 2.71 0.00	38.54 2.57 0.00
EAST_HAMPTON___DIESEL 23722	52.97 0.40 -44.79	51.35 1.14 -23.37	52.56 0.68 -37.13	50.52 0.99 -29.06	36.60 0.83 -16.46	30.58 1.33 -5.19	43.56 1.86 -2.04	37.33 1.62 -4.53	33.33 1.35 -5.07	32.84 1.41 -0.67	35.22 1.83 -0.38	34.52 1.85 0.00	35.37 1.62 0.00	39.60 1.25 -10.81	41.89 0.84 -22.03	33.92 1.57 0.29	53.91 1.52 -26.58	55.16 0.77 -43.13	203.61 3.95 -143.45	167.20 11.61 6.27	96.31 8.32 31.30	37.30 2.20 6.43	37.08 1.83 0.00	37.66 1.68 0.00
EAST_POINT___SOLAR 323840	40.61 0.36 -32.48	39.00 1.25 -10.90	36.65 0.69 -21.21	33.79 0.96 -12.36	41.29 0.96 -21.03	31.96 1.28 -6.63	44.52 2.34 -2.53	37.39 0.52 -5.68	33.48 -0.06 -6.62	31.95 0.33 -0.85	32.91 -0.58 -0.49	31.78 -0.89 0.00	33.34 -0.41 0.00	41.10 -0.26 -13.82	51.90 0.19 -32.70	38.19 0.26 -5.28	140.81 0.91 -114.09	385.76 0.66 -373.85	265.13 2.66 -206.26	172.06 10.19 0.00	127.16 7.87 0.00	43.94 2.41 0.00	37.35 2.11 0.00	38.05 2.08 0.00
EAST_PULASKI___ESR 323781	9.74 -0.18 -2.14	26.92 -0.64 -0.72	15.78 -0.37 -1.40	20.79 -0.49 -0.81	20.24 -0.45 -1.39	23.97 -0.52 -0.44	35.52 -0.80 3.34	23.64 -0.67 6.87	22.12 -0.63 4.17	30.07 -0.75 -0.06	32.30 -0.74 -0.03	32.06 -0.60 0.00	55.28 -0.44 -21.98	59.18 -0.43 -32.07	18.31 -0.35 0.35	23.57 -0.77 8.30	24.90 -0.74 0.17	31.28 -0.27 -20.29	68.39 -1.33 -13.50	158.19 -3.81 -0.13	118.89 -2.32 -1.92	40.83 -0.70 0.00	34.78 -0.59 -0.13	35.29 -0.69 0.00
EAST_RIVER___1 323558	33.84 0.63 -25.43	37.31 1.93 -8.54	32.42 1.06 -16.61	31.65 1.50 -9.67	37.12 1.35 -16.46	31.15 1.91 -5.19	44.83 3.14 -2.04	38.52 2.82 -4.53	34.50 2.51 -5.07	34.24 2.80 -0.67	36.51 3.13 -0.38	35.95 3.28 0.00	36.93 3.19 0.00	41.09 2.74 -10.81	46.51 1.91 -25.59	39.99 3.21 -4.13	117.84 2.79 -89.24	304.98 1.31 -292.42	223.67 5.85 -161.60	178.09 16.22 0.00	131.33 12.04 0.00	45.14 3.61 0.00	38.21 2.97 0.00	38.76 2.78 0.00
EAST_RIVER___2 323559	33.85 0.65 -25.43	37.36 1.98 -8.54	32.45 1.09 -16.61	31.68 1.53 -9.67	37.14 1.37 -16.46	31.19 1.94 -5.19	44.90 3.21 -2.04	38.60 2.89 -4.53	34.57 2.58 -5.07	34.33 2.89 -0.67	36.61 3.23 -0.38	36.05 3.38 0.00	37.05 3.30 0.00	41.19 2.84 -10.81	46.58 1.97 -25.59	40.10 3.33 -4.13	117.93 2.88 -89.24	305.02 1.35 -292.42	223.85 6.03 -161.60	178.56 16.70 0.00	131.68 12.39 0.00	45.25 3.72 0.00	38.29 3.04 0.00	38.83 2.86 0.00
EAST___DELAWARE_HYD 23607	32.30 0.44 -24.08	37.33 1.36 -9.12	31.51 0.73 -16.02	32.24 1.03 -10.73	37.61 0.95 -17.36	30.26 1.31 -4.90	43.85 2.28 -1.92	37.56 2.05 -4.33	33.56 1.66 -4.98	33.03 1.64 -0.63	35.15 1.78 -0.36	34.55 1.88 0.00	35.35 1.61 0.00	38.57 0.82 -10.21	43.79 0.61 -24.16	37.60 1.06 -3.90	111.47 1.08 -84.58	289.10 0.69 -277.16	210.97 3.06 -151.69	174.36 12.50 0.00	128.44 9.15 0.00	44.18 2.65 0.00	37.39 2.14 0.00	37.90 1.92 0.00
EIGHT_POINT___WT_PWR 323820	41.05 -0.65 -33.92	56.58 -2.69 -32.42	28.60 -1.48 -15.33	19.26 -2.10 -0.88	35.10 -1.90 -17.69	76.80 -2.07 -54.81	101.62 -3.67 -65.64	75.99 -3.61 -48.42	68.02 -3.03 -44.13	84.14 -3.14 -56.51	84.18 -3.26 -54.43	83.56 -2.74 -53.63	96.96 -2.55 -65.76	94.27 -2.06 -68.80	57.55 -1.45 -39.99	62.32 -3.01 -32.69	63.36 -1.74 -39.29	129.83 -0.79 -119.37	130.00 -2.85 -76.64	184.45 -0.22 -22.81	119.51 -0.13 -0.35	41.32 -0.20 0.00	34.83 -0.43 -0.02	35.97 -0.01 0.00
ELBRIDGE_115KV_TB2 80188	10.59 -0.07 -2.88	26.20 -0.24 0.41	16.10 -0.14 -1.49	19.30 -0.19 0.99	18.68 -0.16 0.47	24.51 -0.16 -0.61	39.70 -0.18 -0.23	31.43 -0.15 -0.41	27.05 -0.20 -0.34	30.63 -0.21 -0.08	32.84 -0.21 -0.05	32.55 -0.12 0.00	40.05 -0.11 -6.41	38.32 -0.04 -10.82	23.05 -0.02 -4.06	32.89 -0.25 -0.49	36.14 -0.19 -10.52	45.65 -0.09 -34.48	74.02 -0.59 -18.40	161.16 -0.74 -0.04	119.04 -0.81 -0.56	41.17 -0.36 0.00	34.90 -0.38 -0.04	35.67 -0.30 0.00
ELEC_TRO_TEK 24086	67.37 0.66 -58.93	63.15 2.10 -34.20	68.03 1.16 -52.11	65.32 1.64 -43.20	37.18 1.41 -16.46	31.23 1.98 -5.19	44.77 3.07 -2.04	38.35 2.64 -4.53	34.35 2.36 -5.07	34.11 2.67 -0.67	36.47 3.08 -0.38	35.88 3.21 0.00	36.85 3.10 0.00	40.87 2.51 -10.81	45.76 1.74 -25.00	38.96 2.92 -3.40	106.01 2.50 -77.70	253.97 1.28 -241.44	220.29 5.46 -158.61	176.08 15.25 1.04	125.22 11.10 5.17	43.80 3.33 1.06	38.11 2.87 0.00	38.77 2.79 0.00
ELLENBURG_WT_PWR 323604	7.57 -0.21 0.00	26.16 -0.69 0.00	14.35 -0.40 0.00	19.87 -0.61 0.00	18.70 -0.60 0.00	23.32 -0.74 0.00	37.18 -1.23 1.25	27.52 -1.09 2.57	24.43 -0.85 1.63	29.70 -1.07 0.00	31.70 -1.30 0.00	31.30 -1.37 0.00	16.86 -1.22 15.67	2.36 -1.02 24.16	13.45 -0.86 4.70	28.16 -1.42 3.07	21.91 -1.12 2.78	9.05 -0.46 1.73	54.57 -1.64 0.00	156.91 -4.86 0.09	114.29 -3.58 1.42	40.61 -0.92 0.00	34.43 -0.71 0.09	35.34 -0.63 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	2.63 -0.52 4.62	7.97 -1.86 17.03	9.64 -1.06 4.05	5.56 -1.29 13.62	-0.58 -1.15 18.74	9.06 -1.56 13.43	20.18 -2.59 16.88	18.24 -1.88 11.06	14.04 -1.46 11.42	15.07 -1.17 14.53	17.61 -1.12 14.27	17.50 -1.04 14.13	20.13 -1.20 12.41	17.49 -1.35 8.70	13.53 -0.75 4.73	23.25 -1.60 7.80	31.28 -1.40 -6.87	35.71 -0.51 -24.98	60.53 -3.67 -7.99	148.38 -6.34 7.15	114.15 -5.48 -0.34	39.33 -2.20 0.00	33.19 -2.07 -0.02	34.43 -1.54 0.00
EMPIRE_CC_1 323656	36.58 0.37 -28.43	37.67 1.28 -9.54	34.00 0.68 -18.57	32.24 0.94 -10.81	38.59 0.89 -18.40	30.96 1.11 -5.80	43.66 1.73 -2.28	37.55 1.32 -5.05	33.81 1.23 -5.66	32.93 1.41 -0.75	35.02 1.59 -0.42	34.21 1.54 0.00	35.15 1.40 0.00	40.92 1.30 -12.09	48.53 0.91 -28.60	38.89 1.63 -4.62	126.79 1.30 -99.68	338.36 0.50 -326.61	239.16 2.76 -180.19	168.71 6.84 0.00	124.24 4.94 0.00	43.37 1.84 0.00	36.85 1.61 0.00	37.57 1.60 0.00
EMPIRE_CC_2 323658	36.58 0.37 -28.43	37.67 1.28 -9.54	34.00 0.68 -18.57	32.24 0.94 -10.81	38.59 0.89 -18.40	30.96 1.11 -5.80	43.66 1.73 -2.28	37.55 1.32 -5.05	33.81 1.23 -5.66	32.93 1.41 -0.75	35.02 1.59 -0.42	34.21 1.54 0.00	35.15 1.40 0.00	40.92 1.30 -12.09	48.53 0.91 -28.60	38.89 1.63 -4.62	126.79 1.30 -99.68	338.36 0.50 -326.61	239.16 2.76 -180.19	168.71 6.84 0.00	124.24 4.94 0.00	43.37 1.84 0.00	36.85 1.61 0.00	37.57 1.60 0.00
ENORWICH_115KV_TB1 80156	19.20 0.18 -11.24	34.26 0.68 -6.73	22.75 0.39 -7.62	27.83 0.55 -6.81	30.41 0.58 -10.53	29.23 0.78 -4.39	45.01 1.61 -3.75	35.99 1.22 -3.60	31.74 0.74 -4.08	33.49 0.01 -2.71	35.36 -0.20 -2.55	34.67 -0.37 -2.37	36.38 -0.10 -2.73	34.53 0.12 -6.87	31.02 0.58 -11.43	36.37 0.71 -3.01	66.80 1.51 -39.48	141.19 0.97 -128.96	132.80 4.83 -71.75	180.02 17.01 -1.14	130.69 11.39 0.00	44.90 3.37 0.00	38.09 2.85 0.00	38.83 2.85 0.00
ERIE_ST__34_KV_TB1-2 80199	3.53 -0.45 3.80	8.92 -1.63 16.30	10.09 -0.95 3.71	5.60 -1.14 13.73	-0.17 -1.01 18.45	10.58 -1.35 12.12	22.22 -2.13 15.29	19.64 -1.49 10.04	15.26 -1.15 10.51	16.71 -0.83 13.23	19.29 -0.75 12.96	19.13 -0.70 12.84	22.05 -0.77 10.93	19.31 -1.04 7.20	14.65 -0.57 3.80	24.29 -1.33 7.02	32.39 -1.18 -7.77	38.55 -0.37 -27.67	63.15 -3.13 -10.07	151.03 -4.81 6.02	115.12 -4.51 -0.34	39.58 -1.95 0.00	33.37 -1.90 -0.02	34.60 -1.37 0.00
ERIE_WT_PWR 323693	2.80 -0.50 4.48	7.87 -1.85 17.12	9.66 -1.05 4.04	5.23 -1.32 13.92	-0.93 -1.21 19.02	9.28 -1.49 13.29	20.57 -2.39 16.69	18.41 -1.83 10.94	14.07 -1.48 11.37	15.25 -1.12 14.40	17.81 -1.06 14.14	17.69 -0.98 14.00	20.40 -1.09 12.26	17.74 -1.28 8.52	13.73 -0.70 4.58	23.39 -1.55 7.71	31.64 -1.33 -7.17	36.70 -0.47 -25.91	61.49 -3.39 -8.67	149.58 -5.48 6.80	114.87 -4.76 -0.34	39.54 -1.99 0.00	33.38 -1.89 -0.02	34.63 -1.35 0.00
ESPRGFLD_115KV_TB1 80157	10.04 0.19 -2.07	29.67 0.74 -2.08	16.91 0.41 -1.75	23.95 0.59 -2.89	23.60 0.60 -3.69	25.26 0.80 -0.40	41.58 1.99 0.06	32.63 1.43 -0.02	28.36 0.80 -0.64	31.49 0.67 -0.05	33.54 0.51 -0.03	33.15 0.48 0.00	34.47 0.73 0.00	28.86 0.48 -0.85	21.47 0.44 -2.01	33.72 0.75 -0.33	34.23 0.87 -7.55	36.51 0.51 -24.75	72.75 2.39 -14.15	170.02 8.16 0.00	125.32 6.03 0.00	43.27 1.74 0.00	36.77 1.53 0.00	37.50 1.53 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.21 0.10 -8.34	29.94 0.31 -2.79	19.34 0.16 -4.43	20.43 0.24 0.29	21.80 0.26 -2.23	29.88 0.36 -5.46	46.05 0.75 -5.65	35.99 0.59 -4.23	31.22 0.35 -3.96	35.47 0.20 -4.50	37.44 0.10 -4.33	37.02 0.16 -4.18	43.60 0.35 -9.50	42.30 0.44 -14.33	29.01 0.33 -9.67	36.62 0.47 -3.50	50.03 0.41 -23.81	88.74 0.19 -77.30	100.01 1.18 -42.63	168.85 4.96 -2.03	123.00 3.30 -0.41	42.46 0.93 0.00	35.97 0.70 -0.03	36.73 0.75 0.00
ETNA____115KV_TB2 80207	16.21 0.10 -8.34	29.94 0.31 -2.79	19.34 0.16 -4.43	20.43 0.24 0.29	21.80 0.26 -2.23	29.88 0.36 -5.46	46.05 0.75 -5.65	35.99 0.59 -4.23	31.22 0.35 -3.96	35.47 0.20 -4.50	37.44 0.10 -4.33	37.02 0.16 -4.18	43.60 0.35 -9.50	42.30 0.44 -14.33	29.01 0.33 -9.67	36.62 0.47 -3.50	50.03 0.41 -23.81	88.74 0.19 -77.30	100.01 1.18 -42.63	168.85 4.96 -2.03	123.00 3.30 -0.41	42.46 0.93 0.00	35.97 0.70 -0.03	36.73 0.75 0.00
EUCLID__115KV_TB2 356179	10.15 -0.09 -2.47	27.35 -0.32 -0.83	16.17 -0.19 -1.61	21.17 -0.24 -0.94	20.69 -0.21 -1.60	24.30 -0.26 -0.50	39.51 -0.34 -0.19	31.36 -0.23 -0.42	27.16 -0.25 -0.49	30.54 -0.30 -0.07	32.76 -0.28 -0.04	32.48 -0.19 0.00	42.59 -0.14 -8.98	41.84 -0.11 -14.42	22.86 -0.10 -3.94	32.77 -0.28 -0.41	34.23 -0.29 -8.71	39.68 -0.11 -28.54	70.76 -0.75 -15.30	160.28 -1.64 -0.05	118.71 -1.36 -0.79	41.00 -0.52 0.00	34.82 -0.48 -0.05	35.52 -0.45 0.00
E_CANADA_CAP_HY 24051	41.92 0.22 -33.92	40.02 0.82 -12.35	37.65 0.47 -22.43	35.50 0.66 -14.36	43.56 0.66 -23.60	31.85 0.89 -6.91	44.11 1.86 -2.60	38.03 0.99 -5.86	34.30 0.46 -6.92	32.18 0.52 -0.89	33.67 0.16 -0.51	32.57 -0.10 0.00	33.95 0.20 0.00	41.99 0.05 -14.40	53.36 0.26 -34.08	38.69 0.55 -5.50	145.41 0.62 -118.98	401.60 0.48 -389.87	273.45 2.10 -215.14	169.10 7.24 0.00	124.78 5.49 0.00	43.17 1.64 0.00	36.81 1.56 0.00	37.57 1.60 0.00
E_CANADA_MHWK_HY 24050	8.12 0.34 0.00	28.10 1.25 0.00	15.41 0.65 0.00	21.44 0.96 0.00	20.30 1.00 0.00	25.22 1.16 0.00	43.03 2.03 -1.35	34.76 0.80 -2.79	29.22 0.54 -1.76	31.55 0.78 0.00	33.14 0.14 0.00	31.98 -0.69 0.00	38.92 -0.21 -5.38	36.13 0.01 -8.59	22.52 0.34 -3.16	36.77 0.80 -3.32	30.45 1.63 -3.01	13.69 0.57 -1.87	60.20 3.99 0.00	173.24 11.34 -0.03	127.15 7.39 -0.47	43.72 2.19 0.00	37.50 2.23 -0.03	38.18 2.20 0.00
E_FISHKILL__LBMP 23776	34.15 0.52 -25.85	37.14 1.61 -8.68	32.52 0.88 -16.89	31.54 1.23 -9.84	37.16 1.12 -16.74	30.88 1.55 -5.28	44.32 2.59 -2.08	38.06 2.28 -4.60	34.06 1.99 -5.16	33.65 2.20 -0.68	35.87 2.48 -0.39	35.24 2.57 0.00	36.18 2.43 0.00	40.64 2.11 -10.99	46.50 1.47 -26.02	39.34 2.49 -4.20	118.71 2.18 -90.72	309.53 1.03 -297.26	225.05 4.71 -164.13	174.92 13.05 0.00	128.82 9.53 0.00	44.43 2.90 0.00	37.63 2.39 0.00	38.23 2.25 0.00
FALCON__SEABRD_CC1 323796	7.64 -0.14 0.00	26.40 -0.45 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.89 -0.41 0.00	23.58 -0.47 0.00	37.66 -0.74 1.25	27.92 -0.68 2.57	24.76 -0.52 1.63	30.05 -0.72 0.00	32.03 -0.97 0.00	31.61 -1.06 0.00	17.20 -0.88 15.67	2.75 -0.63 24.16	13.71 -0.60 4.70	28.54 -1.04 3.07	22.22 -0.81 2.78	9.16 -0.36 1.73	55.27 -0.94 0.00	159.04 -2.73 0.09	115.74 -2.13 1.42	41.09 -0.43 0.00	34.80 -0.35 0.09	35.68 -0.29 0.00
FALCON__SEABRD_CC2 323797	7.64 -0.14 0.00	26.40 -0.45 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.89 -0.41 0.00	23.58 -0.47 0.00	37.66 -0.74 1.25	27.92 -0.68 2.57	24.76 -0.52 1.63	30.05 -0.72 0.00	32.03 -0.97 0.00	31.61 -1.06 0.00	17.20 -0.88 15.67	2.75 -0.63 24.16	13.71 -0.60 4.70	28.54 -1.04 3.07	22.22 -0.81 2.78	9.16 -0.36 1.73	55.27 -0.94 0.00	159.04 -2.73 0.09	115.74 -2.13 1.42	41.09 -0.43 0.00	34.80 -0.35 0.09	35.68 -0.29 0.00

FAR ROCKAWAY___4 23548	68.63 0.74 -60.11	64.31 2.36 -35.11	69.42 1.31 -53.37	66.69 1.82 -44.39	37.37 1.60 -16.46	31.46 2.21 -5.19	45.18 3.48 -2.04	38.68 2.96 -4.53	34.60 2.62 -5.07	34.40 2.97 -0.67	36.80 3.42 -0.38	36.22 3.55 0.00	37.20 3.45 0.00	41.16 2.80 -10.81	46.55 1.95 -25.59	40.03 3.26 -4.13	117.84 2.79 -89.25	298.13 1.40 -285.48	223.98 6.15 -161.62	179.20 17.34 0.00	132.00 12.71 0.00	45.37 3.84 0.00	38.53 3.28 0.00	39.16 3.18 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.84 0.63 -25.43	37.31 1.93 -8.54	32.43 1.07 -16.61	31.64 1.49 -9.67	37.10 1.34 -16.46	31.17 1.92 -5.19	44.87 3.18 -2.04	38.53 2.82 -4.53	34.50 2.51 -5.07	34.24 2.81 -0.67	36.52 3.13 -0.38	35.95 3.28 0.00	36.94 3.19 0.00	41.09 2.74 -10.81	46.51 1.90 -25.59	39.98 3.20 -4.13	117.83 2.78 -89.24	304.98 1.31 -292.42	223.67 5.86 -161.61	178.09 16.23 0.00	131.37 12.08 0.00	45.16 3.63 0.00	38.22 2.98 0.00	38.77 2.79 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.84 0.63 -25.43	37.31 1.93 -8.54	32.43 1.07 -16.61	31.64 1.49 -9.67	37.10 1.34 -16.46	31.17 1.92 -5.19	44.87 3.18 -2.04	38.53 2.82 -4.53	34.50 2.51 -5.07	34.23 2.80 -0.67	36.51 3.12 -0.38	35.94 3.27 0.00	36.92 3.18 0.00	41.07 2.72 -10.81	46.50 1.90 -25.59	39.97 3.19 -4.13	117.82 2.77 -89.24	304.98 1.31 -292.42	223.65 5.84 -161.61	178.08 16.21 0.00	131.36 12.07 0.00	45.15 3.63 0.00	38.22 2.98 0.00	38.76 2.79 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.84 0.63 -25.43	37.30 1.92 -8.54	32.42 1.06 -16.61	31.64 1.49 -9.67	37.10 1.34 -16.46	31.15 1.91 -5.19	44.85 3.16 -2.04	38.52 2.81 -4.53	34.50 2.51 -5.07	34.23 2.80 -0.67	36.51 3.12 -0.38	35.94 3.27 0.00	36.92 3.18 0.00	41.07 2.72 -10.81	46.51 1.90 -25.59	39.97 3.19 -4.13	117.82 2.77 -89.24	304.97 1.30 -292.42	223.64 5.83 -161.61	177.95 16.09 0.00	131.29 12.00 0.00	45.13 3.60 0.00	38.21 2.97 0.00	38.75 2.78 0.00
FARRAGUT___LBMP 323566	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.62 1.47 -9.67	37.09 1.32 -16.46	31.14 1.90 -5.19	44.82 3.13 -2.04	38.49 2.78 -4.53	34.46 2.48 -5.07	34.19 2.76 -0.67	36.47 3.08 -0.38	35.91 3.24 0.00	36.88 3.14 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.93 3.15 -4.13	117.79 2.74 -89.24	304.96 1.29 -292.42	223.59 5.77 -161.61	177.79 15.93 0.00	131.18 11.88 0.00	45.09 3.56 0.00	38.18 2.94 0.00	38.73 2.75 0.00
FARRCKWY_69_KV_BK2 55825	68.63 0.74 -60.11	64.31 2.36 -35.11	69.42 1.31 -53.37	66.69 1.82 -44.39	37.37 1.60 -16.46	31.46 2.21 -5.19	45.18 3.48 -2.04	38.68 2.96 -4.53	34.60 2.62 -5.07	34.40 2.97 -0.67	36.80 3.42 -0.38	36.22 3.55 0.00	37.20 3.45 0.00	41.16 2.80 -10.81	46.55 1.95 -25.59	40.03 3.26 -4.13	117.84 2.79 -89.25	298.13 1.40 -285.48	223.98 6.15 -161.62	179.20 17.34 0.00	132.00 12.71 0.00	45.37 3.84 0.00	38.53 3.28 0.00	39.16 3.18 0.00
FENNER___WINDPWR 24204	11.29 0.07 -3.44	28.22 0.22 -1.15	17.11 0.11 -2.25	21.94 0.15 -1.31	21.70 0.17 -2.23	25.01 0.25 -0.70	42.59 0.53 -2.40	36.55 0.38 -5.00	30.61 0.22 -3.47	30.89 0.03 -0.09	33.10 0.05 -0.05	32.74 0.07 0.00	46.07 0.29 -12.03	48.17 0.33 -20.30	28.21 0.14 -9.05	38.91 0.45 -5.81	42.91 0.22 -16.89	54.20 0.24 -42.70	78.72 1.08 -21.43	165.48 3.54 -0.07	122.90 2.56 -1.05	42.40 0.87 0.00	36.07 0.76 -0.07	36.70 0.72 0.00
FIBERTEK___ENERGY 23856	10.51 -0.03 -2.76	26.51 -0.11 0.23	16.15 -0.07 -1.47	19.69 -0.08 0.70	19.06 -0.06 0.18	24.59 -0.05 -0.58	39.89 0.02 -0.22	31.59 0.01 -0.40	27.19 -0.08 -0.35	30.74 -0.10 -0.08	32.96 -0.09 -0.04	32.69 0.02 0.00	41.04 0.08 -7.22	39.60 0.10 -11.96	23.12 0.05 -4.05	33.04 -0.08 -0.47	35.79 -0.08 -10.06	44.20 -0.03 -32.97	73.54 -0.30 -17.62	161.86 -0.05 -0.04	119.71 -0.22 -0.63	41.36 -0.17 0.00	35.09 -0.20 -0.04	35.82 -0.16 0.00
FITZPATRICK___ 23598	9.23 -0.21 -1.66	26.68 -0.72 -0.56	15.44 -0.40 -1.09	20.56 -0.55 -0.63	19.87 -0.50 -1.08	23.77 -0.62 -0.34	38.80 -0.98 -0.13	30.70 -0.76 -0.28	26.56 -0.68 -0.32	30.06 -0.75 -0.04	32.24 -0.79 -0.03	31.93 -0.74 0.00	33.00 -0.75 0.00	27.61 -0.63 -0.70	20.24 -0.43 -1.65	32.07 -0.84 -0.27	30.75 -0.76 -5.70	29.58 -0.35 -18.68	64.63 -1.88 -10.29	156.77 -5.10 0.00	115.43 -3.86 0.00	40.16 -1.36 0.00	34.10 -1.14 0.00	34.87 -1.11 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.33 0.64 -25.92	37.56 2.01 -8.70	32.77 1.09 -16.93	31.86 1.53 -9.86	37.49 1.40 -16.78	31.25 1.90 -5.29	44.97 3.23 -2.08	38.59 2.80 -4.61	34.47 2.39 -5.17	34.04 2.59 -0.68	36.26 2.87 -0.39	35.63 2.96 0.00	36.58 2.84 0.00	40.99 2.43 -11.02	46.82 1.72 -26.08	39.81 2.96 -4.21	119.39 2.61 -90.97	310.58 1.24 -298.08	224.98 5.68 -163.08	177.81 15.94 0.00	130.95 11.66 0.00	45.10 3.57 0.00	38.16 2.92 0.00	38.74 2.76 0.00
FORT ORANGE___ 23900	37.19 0.29 -29.12	37.61 0.99 -9.78	34.30 0.52 -19.02	32.29 0.73 -11.08	38.83 0.68 -18.85	30.87 0.87 -5.94	43.37 1.39 -2.33	37.42 1.08 -5.16	33.63 0.92 -5.80	32.57 1.04 -0.76	34.58 1.14 -0.44	33.76 1.09 0.00	34.72 0.98 0.00	40.86 0.94 -12.38	48.99 0.68 -29.30	38.61 1.23 -4.73	128.91 1.00 -102.10	346.26 0.46 -334.56	242.77 2.34 -184.21	167.95 6.08 0.00	123.57 4.28 0.00	43.00 1.48 0.00	36.53 1.29 0.00	37.23 1.25 0.00
FORT_DRUM_COGEN 23780	8.86 -0.50 -1.59	25.64 -1.74 -0.53	14.82 -0.97 -1.04	19.72 -1.35 -0.60	19.08 -1.25 -1.03	22.98 -1.40 -0.32	24.55 -2.04 13.06	2.15 -2.07 26.96	8.14 -1.84 16.94	28.31 -2.50 -0.04	30.57 -2.46 -0.03	30.64 -2.03 0.00	100.08 -1.39 -67.72	121.67 -1.45 -95.58	7.30 -1.36 10.35	-1.97 -2.40 32.22	-0.11 -2.12 23.80	10.73 -0.73 -0.21	64.10 -2.33 -10.22	154.97 -7.29 -0.39	122.10 -3.12 -5.93	41.05 -0.48 0.00	35.28 -0.36 -0.39	35.28 -0.69 0.00
FOX_HILLS___ESR 323835	33.90 0.69 -25.43	37.55 2.17 -8.54	32.57 1.21 -16.61	31.83 1.68 -9.67	37.30 1.53 -16.47	31.31 2.07 -5.19	45.06 3.36 -2.04	38.75 3.04 -4.53	34.55 2.56 -5.07	34.21 2.77 -0.67	36.45 3.06 -0.38	35.93 3.26 0.00	36.94 3.20 0.00	41.14 2.79 -10.81	46.55 1.94 -25.59	40.03 3.25 -4.13	117.86 2.81 -89.24	305.03 1.36 -292.42	223.82 6.01 -161.61	178.90 17.03 0.00	132.12 12.82 0.00	45.41 3.88 0.00	38.38 3.14 0.00	38.98 3.00 0.00
FPL_FAR_ROCK_GT1 24212	68.63 0.74 -60.11	64.32 2.37 -35.11	69.43 1.31 -53.37	66.70 1.83 -44.39	37.38 1.61 -16.46	31.46 2.21 -5.19	45.16 3.46 -2.04	38.67 2.97 -4.53	34.61 2.62 -5.07	34.39 2.96 -0.67	36.79 3.41 -0.38	36.21 3.54 0.00	37.19 3.44 0.00	41.16 2.81 -10.81	46.55 1.95 -25.59	40.02 3.25 -4.13	117.82 2.77 -89.25	298.12 1.39 -285.48	223.97 6.15 -161.62	179.22 17.36 0.00	131.97 12.68 0.00	45.35 3.83 0.00	38.53 3.28 0.00	39.16 3.18 0.00
FPL_FAR_ROCK_GT2 23815	68.63 0.74 -60.11	64.32 2.37 -35.11	69.43 1.31 -53.37	66.70 1.83 -44.39	37.38 1.61 -16.46	31.46 2.21 -5.19	45.16 3.46 -2.04	38.67 2.97 -4.53	34.61 2.62 -5.07	34.39 2.96 -0.67	36.79 3.41 -0.38	36.21 3.54 0.00	37.19 3.44 0.00	41.16 2.81 -10.81	46.55 1.95 -25.59	40.02 3.25 -4.13	117.82 2.77 -89.25	298.12 1.39 -285.48	223.97 6.15 -161.62	179.22 17.36 0.00	131.97 12.68 0.00	45.35 3.83 0.00	38.53 3.28 0.00	39.16 3.18 0.00

FRANKLIN_FALL_HYD 24054	7.61 -0.16 0.00	26.28 -0.56 0.00	14.43 -0.32 0.00	19.97 -0.50 0.00	18.79 -0.51 0.00	23.47 -0.59 0.00	37.47 -0.93 1.25	27.80 -0.81 2.57	24.61 -0.68 1.63	29.97 -0.80 0.00	31.92 -1.08 0.00	31.60 -1.08 0.00	17.19 -0.89 15.67	2.59 -0.79 24.16	13.63 -0.68 4.70	28.31 -1.26 3.07	22.10 -0.93 2.78	9.18 -0.34 1.73	55.07 -1.14 0.00	158.53 -3.24 0.09	115.57 -2.30 1.42	40.98 -0.54 0.00	34.70 -0.44 0.09	35.55 -0.43 0.00
FREEPORT_EQUS_GT1 23764	59.15 0.70 -50.67	56.95 2.23 -27.87	59.34 1.23 -43.36	57.16 1.74 -34.94	37.28 1.52 -16.46	31.36 2.11 -5.19	44.92 3.23 -2.04	38.47 2.76 -4.53	34.44 2.45 -5.07	34.20 2.76 -0.67	36.57 3.19 -0.38	35.98 3.31 0.00	36.94 3.19 0.00	40.91 2.56 -10.81	44.52 1.76 -23.75	37.42 2.94 -1.84	76.22 2.51 -47.91	140.35 1.28 -127.81	214.04 5.60 -152.22	174.47 15.85 3.24	114.73 11.62 16.18	41.69 3.48 3.32	38.26 3.02 0.00	38.93 2.96 0.00
FREEPORT___CT2 23818	59.15 0.70 -50.67	56.95 2.23 -27.87	59.34 1.23 -43.36	57.16 1.74 -34.94	37.28 1.52 -16.46	31.36 2.11 -5.19	44.92 3.23 -2.04	38.47 2.76 -4.53	34.44 2.45 -5.07	34.20 2.76 -0.67	36.57 3.19 -0.38	35.98 3.31 0.00	36.94 3.19 0.00	40.91 2.56 -10.81	44.52 1.76 -23.75	37.42 2.94 -1.84	76.22 2.51 -47.91	140.35 1.28 -127.81	214.04 5.60 -152.22	174.47 15.85 3.24	114.73 11.62 16.18	41.69 3.48 3.32	38.26 3.02 0.00	38.93 2.96 0.00
FRESHKLS_33_KV_LOAD 356253	33.92 0.71 -25.43	37.64 2.27 -8.54	32.62 1.26 -16.61	31.90 1.75 -9.67	37.37 1.60 -16.47	31.41 2.16 -5.19	45.23 3.53 -2.04	38.87 3.16 -4.53	34.61 2.63 -5.07	34.25 2.82 -0.67	36.48 3.10 -0.38	35.97 3.30 0.00	36.97 3.22 0.00	41.16 2.81 -10.81	46.57 1.97 -25.59	40.07 3.30 -4.13	117.92 2.87 -89.24	305.07 1.40 -292.42	224.00 6.18 -161.61	179.54 17.67 0.00	132.59 13.30 0.00	45.56 4.04 0.00	38.50 3.25 0.00	39.12 3.15 0.00
FULTON COGEN____ 23766	9.86 -0.20 -2.28	26.92 -0.69 -0.77	15.85 -0.39 -1.49	20.81 -0.53 -0.87	20.30 -0.48 -1.48	23.92 -0.60 -0.47	38.04 -0.91 0.71	29.07 -0.67 1.44	25.60 -0.60 0.72	30.09 -0.74 -0.06	32.27 -0.77 -0.04	32.02 -0.65 0.00	42.69 -0.62 -9.56	41.87 -0.48 -14.82	20.97 -0.38 -2.34	30.04 -0.76 1.84	31.32 -0.68 -6.20	36.63 -0.29 -25.67	69.04 -1.61 -14.44	157.80 -4.12 -0.06	117.03 -3.10 -0.84	40.40 -1.13 0.00	34.33 -0.97 -0.06	35.02 -0.95 0.00
FULTON___LFGE 323630	40.27 0.34 -32.16	38.82 1.18 -10.79	36.40 0.64 -21.00	33.60 0.89 -12.23	41.01 0.88 -20.82	31.78 1.16 -6.56	44.34 2.18 -2.51	37.90 1.08 -5.64	34.14 0.67 -6.56	32.49 0.88 -0.84	33.77 0.28 -0.48	32.35 -0.33 0.00	33.85 0.10 0.00	41.28 0.06 -13.68	51.87 0.48 -32.38	38.75 0.88 -5.22	139.61 0.86 -112.94	381.97 0.65 -370.08	263.24 2.86 -204.17	170.78 8.91 0.00	126.16 6.87 0.00	43.71 2.18 0.00	37.14 1.89 0.00	37.84 1.86 0.00
G.F.CEMENT___DRP 24184	38.37 0.58 -30.01	38.84 1.92 -10.08	35.36 1.01 -19.60	33.30 1.40 -11.42	40.08 1.35 -19.43	31.93 1.76 -6.12	45.39 3.35 -2.39	39.02 2.55 -5.29	34.86 1.98 -5.96	33.84 2.28 -0.78	35.85 2.40 -0.45	34.41 1.74 0.00	35.37 1.63 0.00	42.01 1.73 -12.74	50.47 1.30 -30.16	39.97 2.46 -4.87	132.95 2.05 -105.09	356.49 0.88 -344.36	250.49 4.61 -189.66	174.67 12.81 0.00	128.43 9.14 0.00	44.93 3.40 0.00	37.94 2.70 0.00	38.58 2.61 0.00
GARDENVILLE___LBMP 24039	1.89 -0.51 5.38	6.63 -1.83 18.39	9.19 -1.05 4.52	4.79 -1.28 14.41	-1.87 -1.14 20.04	7.64 -1.53 14.88	18.48 -2.54 18.64	17.14 -1.83 12.21	12.90 -1.44 12.57	13.56 -1.17 16.04	16.14 -1.12 15.74	16.06 -1.02 15.59	18.51 -1.15 14.09	15.91 -1.30 10.33	12.69 -0.72 5.60	22.42 -1.57 8.66	30.94 -1.36 -6.48	34.73 -0.48 -23.96	59.68 -3.47 -6.94	148.39 -5.56 7.91	114.73 -4.90 -0.34	39.50 -2.03 0.00	33.32 -1.94 -0.02	34.57 -1.41 0.00
GARDNVLA_35_KV_LD 355827	3.14 -0.49 4.14	8.43 -1.76 16.65	9.88 -1.01 3.86	5.49 -1.24 13.75	-0.44 -1.10 18.64	9.87 -1.49 12.70	21.26 -2.42 15.97	18.99 -1.72 10.47	14.64 -1.36 10.92	15.91 -1.08 13.78	18.45 -1.03 13.53	18.33 -0.93 13.41	21.10 -1.07 11.58	18.45 -1.24 7.85	14.15 -0.67 4.20	23.81 -1.47 7.36	31.96 -1.27 -7.42	37.45 -0.45 -26.64	62.22 -3.31 -9.31	150.39 -5.09 6.39	114.99 -4.64 -0.34	39.61 -1.92 0.00	33.41 -1.86 -0.02	34.65 -1.33 0.00
GELCKHM___115KV_LOAD 80723	10.25 -0.07 -2.54	26.51 -0.25 0.09	15.99 -0.14 -1.39	19.83 -0.19 0.46	19.19 -0.16 -0.05	24.40 -0.19 -0.53	39.64 -0.22 -0.20	31.39 -0.16 -0.38	27.07 -0.20 -0.35	30.59 -0.25 -0.07	32.81 -0.23 -0.04	32.54 -0.13 0.00	41.96 -0.07 -8.28	40.94 -0.04 -13.44	22.94 -0.05 -3.97	32.84 -0.24 -0.43	34.78 -0.23 -9.21	41.33 -0.08 -30.16	71.76 -0.60 -16.15	160.85 -1.07 -0.05	119.09 -0.92 -0.72	41.15 -0.38 0.00	34.93 -0.36 -0.05	35.66 -0.32 0.00
GENERAL___MILLS 23808	2.80 -0.50 4.48	7.93 -1.80 17.12	9.69 -1.02 4.04	5.29 -1.26 13.92	-0.84 -1.12 19.02	9.26 -1.51 13.29	20.49 -2.47 16.69	18.46 -1.77 10.94	14.15 -1.40 11.37	15.25 -1.13 14.40	17.80 -1.07 14.14	17.69 -0.98 14.00	20.37 -1.11 12.26	17.75 -1.27 8.52	13.74 -0.70 4.58	23.40 -1.53 7.71	31.66 -1.32 -7.17	36.70 -0.47 -25.91	61.47 -3.41 -8.67	149.67 -5.39 6.80	114.80 -4.83 -0.34	39.52 -2.00 0.00	33.34 -1.92 -0.02	34.59 -1.39 0.00
GE_PLASTICS___DRP 24183	37.12 0.27 -29.08	37.52 0.91 -9.76	34.24 0.49 -18.99	32.23 0.70 -11.06	38.76 0.63 -18.83	30.78 0.79 -5.93	43.25 1.27 -2.33	37.35 1.01 -5.16	33.60 0.89 -5.79	32.54 1.01 -0.76	34.57 1.13 -0.43	33.77 1.10 0.00	34.76 1.01 0.00	40.84 0.94 -12.37	48.95 0.67 -29.26	38.56 1.19 -4.72	128.74 0.97 -101.96	345.77 0.42 -334.10	242.28 2.09 -183.98	167.17 5.31 0.00	123.12 3.83 0.00	42.85 1.33 0.00	36.39 1.15 0.00	37.10 1.12 0.00
GILBOA___1 23756	31.95 0.30 -23.88	36.94 1.13 -8.97	31.23 0.61 -15.87	31.86 0.86 -10.52	37.21 0.83 -17.08	29.80 0.88 -4.86	42.98 1.41 -1.92	36.70 1.20 -4.32	32.89 1.04 -4.93	32.55 1.16 -0.62	34.65 1.29 -0.36	33.98 1.31 0.00	34.99 1.24 0.00	38.77 1.10 -10.13	43.75 0.78 -23.97	37.85 1.34 -3.87	110.48 1.15 -83.53	285.36 0.42 -273.69	209.67 2.21 -151.25	167.96 6.09 0.00	123.69 4.40 0.00	43.03 1.50 0.00	36.56 1.32 0.00	37.25 1.28 0.00
GILBOA___2 23757	31.95 0.30 -23.88	36.94 1.13 -8.97	31.23 0.61 -15.87	31.86 0.86 -10.52	37.21 0.83 -17.08	29.80 0.88 -4.86	42.98 1.41 -1.92	36.70 1.20 -4.32	32.89 1.04 -4.93	32.55 1.16 -0.62	34.65 1.29 -0.36	33.98 1.31 0.00	34.99 1.24 0.00	38.77 1.10 -10.13	43.75 0.78 -23.97	37.85 1.34 -3.87	110.48 1.15 -83.53	285.36 0.42 -273.69	209.67 2.21 -151.25	167.96 6.09 0.00	123.69 4.40 0.00	43.03 1.50 0.00	36.56 1.32 0.00	37.25 1.28 0.00
GILBOA___3 23758	31.95 0.30 -23.88	36.94 1.13 -8.97	31.23 0.61 -15.87	31.86 0.86 -10.52	37.21 0.83 -17.08	29.80 0.88 -4.86	42.98 1.41 -1.92	36.70 1.20 -4.32	32.89 1.04 -4.93	32.55 1.16 -0.62	34.65 1.29 -0.36	33.98 1.31 0.00	34.99 1.24 0.00	38.77 1.10 -10.13	43.75 0.78 -23.97	37.85 1.34 -3.87	110.48 1.15 -83.53	285.36 0.42 -273.69	209.67 2.21 -151.25	167.96 6.09 0.00	123.69 4.40 0.00	43.03 1.50 0.00	36.56 1.32 0.00	37.25 1.28 0.00

GILBOA___4 23759	31.95 0.30 -23.88	36.94 1.13 -8.97	31.23 0.61 -15.87	31.86 0.86 -10.52	37.21 0.83 -17.08	29.80 0.88 -4.86	42.98 1.41 -1.92	36.70 1.20 -4.32	32.89 1.04 -4.93	32.55 1.16 -0.62	34.65 1.29 -0.36	33.98 1.31 0.00	34.99 1.24 0.00	38.77 1.10 -10.13	43.75 0.78 -23.97	37.85 1.34 -3.87	110.48 1.15 -83.53	285.36 0.42 -273.69	209.67 2.21 -151.25	167.96 6.09 0.00	123.69 4.40 0.00	43.03 1.50 0.00	36.56 1.32 0.00	37.25 1.28 0.00
GILBOA____ 23599	31.95 0.30 -23.88	36.94 1.13 -8.97	31.23 0.61 -15.87	31.86 0.86 -10.52	37.21 0.83 -17.08	29.80 0.89 -4.86	43.00 1.43 -1.92	36.70 1.20 -4.32	32.89 1.05 -4.93	32.55 1.16 -0.62	34.65 1.29 -0.36	33.98 1.31 0.00	35.00 1.25 0.00	38.77 1.10 -10.13	43.76 0.78 -23.97	37.85 1.34 -3.87	110.48 1.15 -83.53	285.36 0.42 -273.69	209.67 2.21 -151.25	167.96 6.09 0.00	123.69 4.40 0.00	43.03 1.50 0.00	36.56 1.32 0.00	37.26 1.28 0.00
GINNA____ 23603	9.88 -0.58 -2.68	21.98 -2.04 2.83	14.32 -1.12 -0.69	14.35 -1.51 4.61	13.33 -1.39 4.59	22.94 -1.72 -0.60	37.16 -2.72 -0.22	29.62 -2.12 -0.56	25.28 -1.75 -0.11	29.19 -1.71 -0.12	31.32 -1.73 -0.04	30.98 -1.69 0.00	36.00 -1.84 -4.08	33.06 -1.80 -7.32	21.48 -1.14 -3.61	31.13 -2.00 -0.48	34.35 -1.65 -10.19	43.96 -0.68 -33.39	69.67 -3.98 -17.43	151.91 -9.98 -0.02	111.99 -7.65 -0.36	38.70 -2.82 0.00	32.72 -2.55 -0.02	33.58 -2.40 0.00
GLEN PARK____ 23778	8.93 -0.48 -1.63	25.73 -1.66 -0.55	14.89 -0.92 -1.07	19.81 -1.29 -0.62	19.17 -1.19 -1.06	23.07 -1.32 -0.33	25.48 -1.86 12.31	3.79 -1.99 25.39	9.21 -1.76 15.95	28.33 -2.48 -0.04	30.59 -2.44 -0.03	30.75 -1.92 0.00	96.69 -1.24 -64.18	116.86 -1.34 -90.67	8.07 -1.37 9.57	-0.13 -2.42 30.35	1.74 -2.12 21.95	12.32 -0.72 -1.79	64.67 -2.06 -10.51	155.90 -6.33 -0.37	122.38 -2.53 -5.62	41.22 -0.31 0.00	35.34 -0.28 -0.37	35.34 -0.64 0.00
GLENDALE_27_KV_LOAD 356172	33.87 0.67 -25.43	37.39 2.00 -8.54	32.48 1.12 -16.61	31.71 1.56 -9.67	37.16 1.39 -16.46	31.24 2.00 -5.19	44.97 3.28 -2.04	38.66 2.95 -4.53	34.61 2.62 -5.07	34.36 2.92 -0.67	36.64 3.26 -0.38	36.10 3.43 0.00	37.08 3.33 0.00	41.22 2.87 -10.81	46.60 2.00 -25.59	40.14 3.37 -4.13	117.95 2.90 -89.24	305.04 1.36 -292.42	223.85 6.03 -161.61	178.48 16.61 0.00	131.82 12.53 0.00	45.35 3.82 0.00	38.39 3.14 0.00	38.90 2.92 0.00
GLENWOOD_IC_1_G5 23712	64.73 0.67 -56.27	61.14 2.12 -32.17	65.23 1.17 -49.30	62.67 1.64 -40.55	37.22 1.45 -16.46	31.28 2.03 -5.19	44.94 3.24 -2.04	38.50 2.79 -4.53	34.38 2.39 -5.07	34.15 2.72 -0.67	36.59 3.21 -0.38	36.02 3.35 0.00	37.00 3.25 0.00	41.04 2.69 -10.81	45.37 1.86 -24.50	38.55 3.13 -2.77	96.36 2.70 -67.86	218.65 1.31 -206.09	217.89 5.65 -156.03	175.68 15.74 1.93	121.20 11.53 9.62	43.01 3.46 1.97	38.16 2.93 0.00	38.90 2.93 0.00
GLENWOOD_IC_2_G1 23688	35.27 0.63 -26.86	38.45 1.97 -9.63	33.96 1.09 -18.12	33.11 1.53 -11.10	37.13 1.36 -16.46	31.14 1.89 -5.19	44.73 3.03 -2.04	38.38 2.67 -4.53	34.35 2.36 -5.07	34.08 2.64 -0.67	36.40 3.01 -0.38	35.81 3.14 0.00	36.78 3.03 0.00	40.90 2.55 -10.81	46.37 1.77 -25.59	39.75 2.97 -4.13	117.61 2.56 -89.25	304.73 1.24 -292.24	223.36 5.53 -161.62	177.31 15.44 0.00	130.57 11.28 0.00	44.91 3.39 0.00	38.09 2.84 0.00	38.71 2.73 0.00
GLENWOOD_IC_3_G1 23689	35.27 0.63 -26.86	38.45 1.97 -9.63	33.96 1.09 -18.12	33.11 1.53 -11.10	37.13 1.36 -16.46	31.14 1.89 -5.19	44.73 3.03 -2.04	38.38 2.67 -4.53	34.35 2.36 -5.07	34.08 2.64 -0.67	36.40 3.01 -0.38	35.81 3.14 0.00	36.78 3.03 0.00	40.90 2.55 -10.81	46.37 1.77 -25.59	39.75 2.97 -4.13	117.61 2.56 -89.25	304.73 1.24 -292.24	223.36 5.53 -161.62	177.31 15.44 0.00	130.57 11.28 0.00	44.91 3.39 0.00	38.09 2.84 0.00	38.71 2.73 0.00
GLENWOOD___4 23550	64.73 0.67 -56.27	61.14 2.12 -32.17	65.23 1.17 -49.30	62.67 1.64 -40.55	37.22 1.45 -16.46	31.28 2.03 -5.19	44.94 3.24 -2.04	38.50 2.80 -4.53	34.41 2.43 -5.07	34.18 2.74 -0.67	36.59 3.21 -0.38	36.02 3.35 0.00	37.00 3.25 0.00	41.04 2.69 -10.81	45.37 1.86 -24.50	38.55 3.13 -2.77	96.36 2.70 -67.86	218.65 1.31 -206.09	217.96 5.72 -156.03	175.91 15.98 1.93	121.34 11.67 9.62	43.06 3.51 1.97	38.20 2.96 0.00	38.90 2.93 0.00
GLENWOOD___5 23614	64.73 0.67 -56.27	61.14 2.12 -32.17	65.23 1.17 -49.30	62.67 1.64 -40.55	37.22 1.45 -16.46	31.28 2.03 -5.19	44.94 3.24 -2.04	38.50 2.80 -4.53	34.41 2.43 -5.07	34.18 2.74 -0.67	36.59 3.21 -0.38	36.02 3.35 0.00	37.00 3.25 0.00	41.04 2.69 -10.81	45.37 1.86 -24.50	38.55 3.13 -2.77	96.36 2.70 -67.86	218.65 1.31 -206.09	217.96 5.72 -156.03	175.91 15.98 1.93	121.34 11.67 9.62	43.06 3.51 1.97	38.20 2.96 0.00	38.90 2.93 0.00
GLOBAL GREEN_PORT_GT1 23814	53.09 0.52 -44.79	51.78 1.56 -23.37	52.79 0.91 -37.13	50.85 1.32 -29.06	36.90 1.13 -16.46	30.97 1.72 -5.19	44.18 2.48 -2.04	37.82 2.11 -4.53	33.76 1.77 -5.07	33.36 1.92 -0.67	35.74 2.35 -0.38	35.05 2.39 0.00	35.92 2.17 0.00	40.03 1.67 -10.81	42.17 1.12 -22.03	34.39 2.03 0.29	54.28 1.89 -26.58	55.19 0.80 -43.14	204.34 4.68 -143.45	169.24 13.65 6.27	97.87 9.87 31.30	37.84 2.74 6.43	37.57 2.32 0.00	38.20 2.22 0.00
GLOBE___DSASP 323697	4.45 -0.65 2.68	11.18 -2.23 13.43	10.61 -1.30 2.84	7.43 -1.57 11.48	2.61 -1.43 15.26	12.34 -2.02 9.70	23.27 -3.89 12.50	20.10 -2.87 8.21	16.40 -2.06 8.45	18.46 -1.67 10.64	20.89 -1.65 10.46	20.68 -1.62 10.37	23.73 -1.93 8.08	21.12 -1.90 4.51	15.37 -1.14 2.50	24.82 -2.23 5.59	31.52 -2.08 -7.80	37.83 -0.83 -27.42	61.03 -5.69 -10.50	143.67 -12.88 5.31	109.30 -10.32 -0.34	37.79 -3.74 0.00	31.96 -3.30 -0.02	33.26 -2.72 0.00
GOETHSLN___LBMP 323567	33.81 0.60 -25.43	37.18 1.80 -8.54	32.35 1.00 -16.61	31.54 1.39 -9.67	37.01 1.25 -16.46	31.05 1.81 -5.19	44.70 3.01 -2.04	38.38 2.67 -4.53	34.37 2.38 -5.07	34.09 2.65 -0.67	36.34 2.96 -0.38	35.79 3.12 0.00	36.77 3.02 0.00	40.97 2.62 -10.81	46.43 1.82 -25.59	39.82 3.05 -4.13	117.71 2.66 -89.24	304.93 1.26 -292.42	223.43 5.61 -161.61	177.34 15.48 0.00	130.92 11.63 0.00	44.97 3.44 0.00	38.05 2.81 0.00	38.58 2.60 0.00
GOLAH___69_KV_TB 1_2 80279	10.27 -0.25 -2.74	22.62 -0.91 3.32	14.81 -0.52 -0.58	14.51 -0.60 5.36	13.36 -0.53 5.42	23.97 -0.70 -0.62	38.82 -1.06 -0.23	31.07 -0.75 -0.64	26.46 -0.57 -0.11	30.61 -0.29 -0.14	32.88 -0.17 -0.05	32.44 -0.23 0.00	37.45 -0.31 -4.01	34.08 -0.71 -7.26	22.37 -0.34 -3.69	32.51 -0.63 -0.50	35.70 -0.61 -10.51	45.50 -0.18 -34.43	72.45 -1.69 -17.92	159.46 -2.43 -0.02	117.32 -2.32 -0.35	40.48 -1.05 0.00	34.18 -1.08 -0.02	35.21 -0.77 0.00
GOODYEAR_LAKE_HYD 323669	17.49 0.25 -9.46	33.13 0.92 -5.36	22.05 0.50 -6.81	28.09 0.71 -6.90	29.84 0.70 -9.83	26.87 0.91 -1.90	42.39 2.41 -0.32	34.10 1.94 -0.99	30.34 1.19 -2.23	32.04 1.03 -0.24	34.17 1.03 -0.14	33.75 1.08 0.00	34.93 1.19 0.00	32.47 0.96 -3.97	29.11 0.70 -9.39	35.30 1.14 -1.52	60.67 1.17 -33.69	122.21 0.55 -110.41	120.56 2.74 -61.62	170.49 8.62 0.00	125.57 6.28 0.00	43.41 1.88 0.00	36.81 1.57 0.00	37.51 1.53 0.00

GOUDEY___1 345031	18.30 0.08 -10.45	40.20 0.24 -13.11	24.04 0.11 -9.18	37.86 0.20 -17.18	41.39 0.22 -21.87	27.51 0.29 -3.17	42.96 0.61 -2.69	34.72 0.59 -2.95	31.71 0.42 -4.36	32.98 0.36 -1.85	35.21 0.42 -1.78	34.79 0.50 -1.63	36.20 0.58 -1.87	33.69 0.47 -5.67	29.46 0.34 -10.10	35.57 0.49 -2.43	57.54 0.52 -31.21	113.46 0.22 -101.99	116.80 1.05 -59.54	165.69 3.83 0.00	121.88 2.59 0.00	42.22 0.69 0.00	35.77 0.53 0.00	36.54 0.57 0.00
GOUDEY___7 23579	18.30 0.08 -10.45	40.20 0.24 -13.11	24.04 0.11 -9.18	37.86 0.20 -17.18	41.39 0.22 -21.87	27.51 0.29 -3.17	42.96 0.61 -2.69	34.72 0.59 -2.95	31.71 0.42 -4.36	32.98 0.36 -1.85	35.21 0.42 -1.78	34.79 0.50 -1.63	36.20 0.58 -1.87	33.69 0.47 -5.67	29.46 0.34 -10.10	35.57 0.49 -2.43	57.54 0.52 -31.21	113.46 0.22 -101.99	116.80 1.05 -59.54	165.69 3.83 0.00	121.88 2.59 0.00	42.22 0.69 0.00	35.77 0.53 0.00	36.54 0.57 0.00
GOUDEY___8 23580	18.30 0.08 -10.45	40.20 0.24 -13.11	24.04 0.11 -9.18	37.86 0.20 -17.18	41.39 0.22 -21.87	27.51 0.29 -3.17	42.96 0.61 -2.69	34.72 0.59 -2.95	31.71 0.42 -4.36	32.98 0.36 -1.85	35.21 0.42 -1.78	34.79 0.50 -1.63	36.20 0.58 -1.87	33.69 0.47 -5.67	29.46 0.34 -10.10	35.57 0.49 -2.43	57.54 0.52 -31.21	113.46 0.22 -101.99	116.80 1.05 -59.54	165.69 3.83 0.00	121.88 2.59 0.00	42.22 0.69 0.00	35.77 0.53 0.00	36.54 0.57 0.00
GOWANUS_GT1_1 24077	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_2 24078	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_3 24079	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_4 24080	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_5 24084	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_6 24111	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_7 24112	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT1_8 24113	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_1 24114	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_2 24115	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_3 24116	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_4 24117	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00

GOWANUS_GT2_5 24118	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_6 24119	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_7 24120	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT2_8 24121	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT3_1 24122	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT3_2 24123	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT3_3 24124	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00

GOWANUS_GT4_4 24133	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT4_5 24134	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT4_6 24135	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT4_7 24136	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GOWANUS_GT4_8 24137	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.05 3.28 -4.13	117.87 2.82 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GREENBSH_115KV_TB3 55895	37.24 0.25 -29.20	37.51 0.86 -9.80	34.29 0.47 -19.07	32.25 0.66 -11.11	38.80 0.59 -18.91	30.78 0.76 -5.96	43.18 1.19 -2.34	37.30 0.94 -5.18	33.58 0.85 -5.81	32.51 0.98 -0.76	34.54 1.09 -0.44	33.72 1.05 0.00	34.69 0.94 0.00	40.86 0.91 -12.42	49.05 0.66 -29.38	38.57 1.18 -4.74	129.15 0.95 -102.39	347.16 0.40 -335.51	242.99 2.01 -184.77	166.76 4.90 0.00	122.80 3.51 0.00	42.77 1.24 0.00	36.34 1.10 0.00	37.05 1.07 0.00
GREENDGE_115KV_TB5 80291	22.54 -0.24 -15.00	32.62 -0.99 -6.77	19.75 -0.57 -5.57	11.91 -0.74 7.83	16.63 -0.58 2.09	44.17 -0.64 -20.75	63.13 -0.99 -24.46	47.38 -0.83 -17.04	41.07 -0.85 -15.00	50.56 -0.98 -20.77	52.03 -1.01 -20.04	51.78 -0.59 -19.70	60.15 -0.56 -26.96	57.66 -0.54 -30.66	36.71 -0.38 -18.07	44.13 -1.00 -12.49	49.89 -0.50 -24.57	88.13 -0.22 -77.10	101.04 -1.02 -45.84	172.18 0.40 -9.91	119.08 -0.58 -0.37	41.29 -0.23 0.00	34.85 -0.42 -0.03	35.80 -0.18 0.00
GREENIDGE___3 23582	22.54 -0.24 -15.00	32.62 -0.99 -6.77	19.75 -0.57 -5.57	11.91 -0.74 7.83	16.63 -0.58 2.09	44.17 -0.64 -20.75	63.13 -0.99 -24.46	47.38 -0.83 -17.04	41.07 -0.85 -15.00	50.56 -0.98 -20.77	52.03 -1.01 -20.04	51.78 -0.59 -19.70	60.15 -0.56 -26.96	57.66 -0.54 -30.66	36.71 -0.38 -18.07	44.13 -1.00 -12.49	49.89 -0.50 -24.57	88.13 -0.22 -77.10	101.04 -1.02 -45.84	172.18 0.40 -9.91	119.08 -0.58 -0.37	41.29 -0.23 0.00	34.85 -0.42 -0.03	35.80 -0.18 0.00
GREENIDGE___4 23583	22.54 -0.24 -15.00	32.58 -1.03 -6.77	19.73 -0.59 -5.57	11.86 -0.78 7.83	16.52 -0.69 2.09	44.17 -0.64 -20.75	63.15 -0.97 -24.46	47.33 -0.88 -17.04	41.02 -0.89 -15.00	50.53 -1.01 -20.77	52.01 -1.03 -20.04	51.74 -0.63 -19.70	60.12 -0.58 -26.96	57.67 -0.53 -30.66	36.71 -0.38 -18.07	44.13 -1.01 -12.49	49.87 -0.51 -24.57	88.14 -0.21 -77.10	101.00 -1.05 -45.84	172.07 0.30 -9.91	119.09 -0.58 -0.37	41.29 -0.24 0.00	34.84 -0.43 -0.03	35.80 -0.17 0.00
GREENLWN_69_KV_BK 3 55738	53.57 0.63 -45.16	52.49 1.99 -23.65	53.39 1.12 -37.52	51.47 1.57 -29.42	37.08 1.32 -16.46	31.15 1.90 -5.19	44.36 2.67 -2.04	37.96 2.25 -4.53	34.00 2.01 -5.07	33.78 2.35 -0.67	36.31 2.93 -0.38	35.73 3.06 0.00	36.68 2.93 0.00	40.63 2.28 -10.81	42.66 1.52 -22.12	35.01 2.55 0.19	56.10 2.18 -28.11	61.53 1.16 -49.11	204.82 4.71 -143.89	168.89 13.14 6.12	98.29 9.53 30.54	38.02 2.76 6.27	37.65 2.40 0.00	38.42 2.44 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
GRISSOM___SOLAR 323813	39.96 0.36 -31.82	38.77 1.24 -10.68	36.22 0.68 -20.79	33.51 0.93 -12.11	40.82 0.92 -20.61	31.75 1.21 -6.49	44.32 2.18 -2.49	37.85 1.07 -5.60	34.12 0.72 -6.48	32.56 0.96 -0.83	33.77 0.29 -0.48	32.28 -0.39 0.00	33.85 0.10 0.00	41.14 0.07 -13.54	51.57 0.51 -32.04	38.73 0.92 -5.17	138.44 0.88 -111.75	378.10 0.65 -366.19	261.17 2.94 -202.02	170.78 8.91 0.00	126.18 6.89 0.00	43.76 2.23 0.00	37.15 1.91 0.00	37.86 1.88 0.00
GROVEVILLE___HYD 323602	34.33 0.64 -25.92	37.56 2.01 -8.70	32.77 1.09 -16.93	31.86 1.53 -9.86	37.49 1.40 -16.78	31.25 1.90 -5.29	44.97 3.23 -2.08	38.59 2.80 -4.61	34.47 2.39 -5.17	34.04 2.59 -0.68	36.26 2.87 -0.39	35.63 2.96 0.00	36.58 2.84 0.00	40.99 2.43 -11.02	46.82 1.72 -26.08	39.81 2.96 -4.21	119.39 2.61 -90.97	310.58 1.24 -298.08	224.98 5.68 -163.08	177.81 15.94 0.00	130.95 11.66 0.00	45.10 3.57 0.00	38.16 2.92 0.00	38.74 2.76 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	10.51 -0.03 -2.76	26.51 -0.11 0.23	16.15 -0.07 -1.47	19.69 -0.08 0.70	19.06 -0.06 0.18	24.59 -0.05 -0.58	39.89 0.02 -0.22	31.59 0.01 -0.40	27.19 -0.08 -0.35	30.74 -0.10 -0.08	32.96 -0.09 -0.04	32.69 0.02 0.00	41.04 0.08 -7.22	39.60 0.10 -11.96	23.12 0.05 -4.05	33.04 -0.08 -0.47	35.79 -0.08 -10.06	44.20 -0.03 -32.97	73.54 -0.30 -17.62	161.86 -0.05 -0.04	119.71 -0.22 -0.63	41.36 -0.17 0.00	35.09 -0.20 -0.04	35.82 -0.16 0.00
HAMLTNNY_34_KV_TB 80303	10.62 -0.03 -2.87	26.18 -0.09 0.58	16.13 -0.06 -1.44	19.16 -0.07 1.23	18.50 -0.05 0.75	24.64 -0.02 -0.61	39.91 0.03 -0.23	31.62 0.04 -0.39	27.14 -0.08 -0.31	30.77 -0.08 -0.08	32.97 -0.08 -0.05	32.70 0.03 0.00	40.12 0.09 -6.28	38.30 0.14 -10.62	23.15 0.10 -4.04	33.00 -0.14 -0.49	36.31 -0.02 -10.52	45.74 0.01 -34.48	74.35 -0.24 -18.37	162.44 0.54 -0.04	120.01 0.16 -0.55	41.46 -0.07 0.00	35.13 -0.15 -0.04	35.92 -0.06 0.00

HAMPSHIRE___PAPER_HYD 323593	8.20 -0.49 -0.90	25.49 -1.66 -0.31	14.41 -0.93 -0.59	19.51 -1.31 -0.34	18.64 -1.24 -0.59	22.76 -1.48 -0.18	23.78 -2.36 13.52	1.17 -2.11 27.90	7.50 -1.83 17.59	28.66 -2.13 -0.02	30.87 -2.15 -0.01	30.69 -1.98 0.00	195.52 -1.56 -163.32	263.13 -1.66 -237.25	20.95 -1.43 -3.36	-3.00 -2.36 33.30	-3.41 -2.10 27.12	2.15 -0.75 8.34	58.92 -3.10 -5.81	153.60 -9.21 -0.95	128.39 -5.20 -14.30	40.19 -1.35 -0.01	35.29 -0.91 -0.95	34.86 -1.12 0.00
HARDSCRABBLE_WT_PWR 323673	8.00 0.22 0.00	27.73 0.89 0.00	15.23 0.48 0.00	21.19 0.71 0.00	20.07 0.77 0.00	24.93 0.87 0.00	42.63 1.63 -1.35	34.55 0.59 -2.79	29.02 0.34 -1.76	31.23 0.46 0.00	32.94 -0.06 0.00	31.93 -0.74 0.00	38.87 -0.26 -5.38	35.95 -0.17 -8.59	22.33 0.15 -3.16	36.46 0.49 -3.32	30.12 1.30 -3.01	13.55 0.43 -1.87	59.44 3.23 0.00	171.25 9.35 -0.03	125.63 5.87 -0.47	43.13 1.60 0.00	37.07 1.80 -0.03	37.82 1.85 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	32.94 0.57 -24.60	37.78 1.76 -9.18	32.04 0.96 -16.33	32.57 1.34 -10.75	38.03 1.24 -17.49	30.77 1.70 -5.01	44.50 2.87 -1.97	38.13 2.52 -4.44	34.14 2.16 -5.07	33.78 2.36 -0.64	36.03 2.66 -0.37	35.47 2.80 0.00	36.46 2.71 0.00	40.34 2.37 -10.44	45.38 1.67 -24.70	39.45 2.82 -3.99	114.42 2.47 -86.14	294.69 1.18 -282.27	218.03 5.47 -156.35	177.28 15.41 0.00	130.55 11.26 0.00	44.90 3.37 0.00	37.98 2.74 0.00	38.55 2.58 0.00
HARSNRAD_115KV_TB1 81005	4.57 -0.55 2.66	11.70 -1.91 13.23	10.86 -1.10 2.79	7.90 -1.33 11.25	3.12 -1.19 14.99	12.71 -1.57 9.77	24.58 -2.69 12.38	21.16 -1.93 8.08	16.97 -1.46 8.49	18.89 -1.16 10.72	21.35 -1.13 10.53	21.05 -1.17 10.44	24.26 -1.35 8.13	21.47 -1.51 4.56	15.58 -0.87 2.56	25.29 -1.71 5.64	31.87 -1.68 -7.74	37.87 -0.53 -27.15	62.36 -4.32 -10.47	147.63 -8.98 5.25	112.12 -7.51 -0.34	38.71 -2.83 0.00	32.69 -2.57 -0.02	33.98 -2.00 0.00
HARZA MOOSE___RIVER 24016	8.77 -0.21 -1.21	26.51 -0.74 -0.41	15.12 -0.42 -0.79	20.34 -0.59 -0.46	19.55 -0.53 -0.78	23.75 -0.55 -0.24	39.01 -0.74 -0.09	30.61 -0.78 -0.21	26.39 -0.77 -0.24	29.57 -1.23 -0.03	31.86 -1.16 -0.02	31.64 -1.03 0.00	87.49 -0.53 -54.28	108.19 -0.57 -81.22	28.26 -0.56 -9.81	32.10 -0.75 -0.20	29.19 -0.90 -4.28	25.13 -0.16 -14.04	63.39 -0.56 -7.74	160.55 -1.63 -0.32	124.55 0.51 -4.75	42.03 0.50 0.00	36.08 0.52 -0.32	36.27 0.29 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	10.35 -0.06 -2.63	27.50 -0.23 -0.88	16.32 -0.14 -1.72	21.31 -0.17 -1.00	20.86 -0.14 -1.70	24.42 -0.18 -0.54	39.66 -0.20 -0.20	31.50 -0.12 -0.45	27.30 -0.15 -0.53	30.65 -0.19 -0.07	32.88 -0.16 -0.04	32.61 -0.06 0.00	42.02 -0.01 -8.28	40.99 0.00 -13.45	23.00 -0.02 -4.00	32.94 -0.14 -0.43	34.93 -0.17 -9.30	41.65 -0.06 -30.46	72.03 -0.54 -16.35	160.94 -0.98 -0.05	119.12 -0.90 -0.72	41.15 -0.38 0.00	34.93 -0.36 -0.05	35.64 -0.34 0.00
HELLGATE_13_KV_LD 55870	33.88 0.67 -25.43	37.41 2.03 -8.54	32.49 1.14 -16.61	31.73 1.58 -9.67	37.17 1.41 -16.46	31.27 2.03 -5.19	44.99 3.30 -2.04	38.69 2.98 -4.53	34.64 2.65 -5.07	34.39 2.95 -0.67	36.67 3.29 -0.38	36.13 3.46 0.00	37.11 3.36 0.00	41.25 2.90 -10.81	46.62 2.02 -25.59	40.19 3.42 -4.13	117.98 2.93 -89.24	305.04 1.37 -292.42	223.88 6.06 -161.61	178.63 16.76 0.00	131.93 12.64 0.00	45.38 3.86 0.00	38.42 3.18 0.00	38.91 2.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.88 0.67 -25.43	37.41 2.03 -8.54	32.49 1.14 -16.61	31.73 1.58 -9.67	37.17 1.41 -16.46	31.27 2.03 -5.19	44.99 3.30 -2.04	38.69 2.98 -4.53	34.64 2.65 -5.07	34.39 2.95 -0.67	36.67 3.29 -0.38	36.13 3.46 0.00	37.11 3.36 0.00	41.25 2.90 -10.81	46.62 2.02 -25.59	40.19 3.42 -4.13	117.98 2.93 -89.24	305.04 1.37 -292.42	223.88 6.06 -161.61	178.63 16.76 0.00	131.93 12.64 0.00	45.38 3.86 0.00	38.42 3.18 0.00	38.91 2.94 0.00
HEMPSTEAD____ 23647	61.39 0.69 -52.93	58.62 2.17 -29.61	61.71 1.21 -45.75	59.37 1.70 -37.20	37.25 1.48 -16.46	31.31 2.06 -5.19	44.88 3.19 -2.04	38.46 2.75 -4.53	34.42 2.43 -5.07	34.18 2.75 -0.67	36.57 3.19 -0.38	35.99 3.32 0.00	36.95 3.20 0.00	40.96 2.60 -10.81	44.72 1.79 -23.92	37.70 3.00 -2.05	84.23 2.56 -55.87	171.06 1.28 -158.53	214.87 5.57 -153.09	174.65 15.73 2.95	116.02 11.42 14.69	41.93 3.42 3.02	38.19 2.94 0.00	38.89 2.91 0.00
HICKLING___1 23621	16.13 -0.29 -8.64	16.11 -1.25 9.49	14.37 -0.74 -0.37	-1.92 -0.97 21.43	-2.47 -0.78 21.00	31.41 -0.70 -8.05	48.30 -1.04 -9.69	30.50 -1.19 -0.51	25.24 -1.03 0.64	36.63 -0.90 -6.76	39.02 -0.70 -6.71	38.92 -0.28 -6.53	45.19 -0.05 -11.50	42.75 -0.36 -15.57	29.52 -0.10 -10.60	36.77 -0.74 -4.86	47.95 -0.31 -22.45	83.73 -0.12 -72.60	94.26 -0.65 -38.69	168.04 2.93 -3.24	120.90 1.27 -0.34	41.38 -0.15 0.00	34.85 -0.41 -0.02	35.98 0.00 0.00
HICKLING___2 23622	16.13 -0.29 -8.64	16.11 -1.25 9.49	14.37 -0.74 -0.37	-1.92 -0.97 21.43	-2.47 -0.78 21.00	31.41 -0.70 -8.05	48.30 -1.04 -9.69	30.50 -1.19 -0.51	25.24 -1.03 0.64	36.63 -0.90 -6.76	39.02 -0.70 -6.71	38.92 -0.28 -6.53	45.19 -0.05 -11.50	42.75 -0.36 -15.57	29.52 -0.10 -10.60	36.77 -0.74 -4.86	47.95 -0.31 -22.45	83.73 -0.12 -72.60	94.26 -0.65 -38.69	168.04 2.93 -3.24	120.90 1.27 -0.34	41.38 -0.15 0.00	34.85 -0.41 -0.02	35.98 0.00 0.00
HIGH FALLS___HY 23754	34.11 0.61 -25.72	38.26 1.91 -9.50	32.84 1.05 -17.05	33.03 1.45 -11.10	38.78 1.36 -18.13	31.11 1.82 -5.24	44.84 3.14 -2.06	38.50 2.76 -4.56	34.31 2.28 -5.11	33.76 2.32 -0.67	35.90 2.51 -0.38	35.30 2.63 0.00	36.26 2.51 0.00	40.46 2.01 -10.92	46.30 1.46 -25.83	39.26 2.45 -4.17	118.15 2.17 -90.17	307.89 1.16 -295.48	223.27 5.27 -161.79	177.78 15.91 0.00	130.95 11.66 0.00	45.06 3.53 0.00	38.11 2.86 0.00	38.65 2.67 0.00
HIGH_RIVER___SOLAR 323847	39.05 0.32 -30.96	38.33 1.09 -10.39	35.56 0.59 -20.22	33.08 0.82 -11.78	40.14 0.79 -20.05	31.39 1.01 -6.32	43.85 1.75 -2.45	37.67 1.06 -5.43	33.72 0.66 -6.15	32.49 0.91 -0.81	34.11 0.64 -0.46	32.89 0.21 0.00	34.01 0.26 0.00	41.01 0.29 -13.17	50.61 0.42 -31.17	38.67 0.99 -5.03	135.30 0.81 -108.68	367.87 0.52 -356.11	255.11 2.47 -196.43	168.96 7.10 0.00	124.71 5.42 0.00	43.33 1.80 0.00	36.78 1.54 0.00	37.50 1.52 0.00
HILLBURN___GT 23639	33.15 0.57 -24.81	37.84 1.76 -9.23	32.18 0.97 -16.46	32.64 1.36 -10.81	38.14 1.25 -17.60	30.81 1.71 -5.05	44.50 2.86 -1.99	38.19 2.54 -4.47	34.23 2.20 -5.11	33.85 2.43 -0.65	36.10 2.72 -0.37	35.54 2.87 0.00	36.52 2.78 0.00	40.49 2.43 -10.52	45.61 1.69 -24.91	39.50 2.83 -4.02	115.13 2.45 -86.86	297.02 1.14 -284.63	219.10 5.33 -157.56	176.95 15.09 0.00	130.34 11.05 0.00	44.80 3.27 0.00	37.92 2.68 0.00	38.50 2.53 0.00
HILLSIDE_115KV_TB1 80332	15.40 -0.33 -7.95	12.66 -1.35 12.83	13.31 -0.81 0.64	-5.85 -1.06 25.27	-7.18 -0.89 25.60	30.39 -0.79 -7.12	46.33 -1.08 -7.76	33.15 -0.57 -2.54	26.74 -0.80 -0.62	35.94 -0.88 -6.05	38.37 -0.65 -6.01	38.23 -0.28 -5.84	44.19 -0.10 -10.55	41.92 -0.42 -14.81	29.26 -0.10 -10.35	36.28 -0.81 -4.45	48.30 -0.40 -22.89	85.05 -0.19 -74.00	93.04 -1.03 -37.86	166.48 1.69 -2.93	119.74 0.12 -0.33	40.87 -0.66 0.00	34.43 -0.84 -0.02	35.58 -0.40 0.00

HISHELDN_WT_PWR 323625	-7.37 -0.59 14.56	-8.28 -2.29 32.83	3.83 -1.21 9.71	-2.44 -1.65 21.26	-14.82 -1.45 32.67	-9.60 -1.85 31.81	-2.60 -3.08 39.17	-17.21 -2.52 45.87	-9.89 -2.06 34.74	-5.88 -1.96 34.70	-1.88 -1.97 32.92	-1.68 -1.82 32.53	-1.65 -1.80 33.60	-3.61 -1.75 29.39	1.77 -1.06 16.18	11.80 -2.16 18.68	24.49 -1.74 -0.43	17.73 -0.62 -7.09	43.91 -3.63 8.67	138.30 -5.27 18.29	115.31 -4.32 -0.34	39.76 -1.77 0.00	33.53 -1.73 -0.02	34.75 -1.22 0.00
HOLTSVILLE_IC_1 23690	53.18 0.63 -44.77	52.20 2.00 -23.35	53.01 1.15 -37.10	51.16 1.65 -29.03	37.19 1.42 -16.46	31.29 2.04 -5.19	44.67 2.97 -2.04	38.23 2.52 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.33 2.95 -0.38	35.72 3.05 0.00	36.64 2.89 0.00	40.55 2.20 -10.81	42.50 1.46 -22.03	34.87 2.53 0.30	54.47 2.19 -26.47	55.14 1.18 -42.70	204.53 4.90 -143.42	169.53 13.95 6.28	98.09 10.16 31.35	38.07 2.98 6.44	37.90 2.66 0.00	38.62 2.64 0.00
HOLTSVILLE_IC_10 23699	53.32 0.66 -44.88	52.39 2.11 -23.44	53.18 1.21 -37.22	51.35 1.73 -29.14	37.27 1.50 -16.46	31.40 2.15 -5.19	44.86 3.16 -2.04	38.37 2.66 -4.53	34.28 2.29 -5.07	34.04 2.60 -0.67	36.41 3.03 -0.38	35.81 3.14 0.00	36.74 3.00 0.00	40.63 2.28 -10.81	42.59 1.52 -22.06	35.02 2.64 0.27	55.06 2.29 -26.97	57.11 1.21 -44.64	204.99 5.21 -143.56	170.64 15.01 6.23	99.11 10.93 31.11	38.35 3.21 6.39	38.08 2.83 0.00	38.80 2.82 0.00
HOLTSVILLE_IC_2 23691	53.18 0.63 -44.77	52.20 2.00 -23.35	53.01 1.15 -37.10	51.16 1.65 -29.03	37.19 1.42 -16.46	31.29 2.04 -5.19	44.67 2.97 -2.04	38.23 2.52 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.33 2.95 -0.38	35.72 3.05 0.00	36.64 2.89 0.00	40.55 2.20 -10.81	42.50 1.46 -22.03	34.87 2.53 0.30	54.47 2.19 -26.47	55.14 1.18 -42.70	204.53 4.90 -143.42	169.53 13.95 6.28	98.09 10.16 31.35	38.07 2.98 6.44	37.90 2.66 0.00	38.62 2.64 0.00
HOLTSVILLE_IC_3 23692	53.18 0.63 -44.77	52.20 2.00 -23.35	53.01 1.15 -37.10	51.16 1.65 -29.03	37.19 1.42 -16.46	31.29 2.04 -5.19	44.67 2.97 -2.04	38.23 2.52 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.33 2.95 -0.38	35.72 3.05 0.00	36.64 2.89 0.00	40.55 2.20 -10.81	42.50 1.46 -22.03	34.87 2.53 0.30	54.47 2.19 -26.47	55.14 1.18 -42.70	204.53 4.90 -143.42	169.53 13.95 6.28	98.09 10.16 31.35	38.07 2.98 6.44	37.90 2.66 0.00	38.62 2.64 0.00
HOLTSVILLE_IC_4 23693	53.18 0.63 -44.77	52.20 2.00 -23.35	53.01 1.15 -37.10	51.16 1.65 -29.03	37.19 1.42 -16.46	31.29 2.04 -5.19	44.67 2.97 -2.04	38.23 2.52 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.33 2.95 -0.38	35.72 3.05 0.00	36.64 2.89 0.00	40.55 2.20 -10.81	42.50 1.46 -22.03	34.87 2.53 0.30	54.47 2.19 -26.47	55.14 1.18 -42.70	204.53 4.90 -143.42	169.53 13.95 6.28	98.09 10.16 31.35	38.07 2.98 6.44	37.90 2.66 0.00	38.62 2.64 0.00
HOLTSVILLE_IC_5 23694	53.18 0.63 -44.77	52.20 2.00 -23.35	53.01 1.15 -37.10	51.16 1.65 -29.03	37.19 1.42 -16.46	31.29 2.04 -5.19	44.67 2.97 -2.04	38.23 2.52 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.33 2.95 -0.38	35.72 3.05 0.00	36.64 2.89 0.00	40.55 2.20 -10.81	42.50 1.46 -22.03	34.87 2.53 0.30	54.47 2.19 -26.47	55.14 1.18 -42.70	204.53 4.90 -143.42	169.53 13.95 6.28	98.09 10.16 31.35	38.07 2.98 6.44	37.90 2.66 0.00	38.62 2.64 0.00
HOLTSVILLE_IC_6 23695	53.32 0.66 -44.88	52.39 2.11 -23.44	53.18 1.21 -37.22	51.35 1.73 -29.14	37.27 1.50 -16.46	31.40 2.15 -5.19	44.86 3.16 -2.04	38.37 2.66 -4.53	34.28 2.29 -5.07	34.04 2.60 -0.67	36.41 3.03 -0.38	35.81 3.14 0.00	36.74 3.00 0.00	40.63 2.28 -10.81	42.59 1.52 -22.06	35.02 2.64 0.27	55.06 2.29 -26.97	57.11 1.21 -44.64	204.99 5.21 -143.56	170.64 15.01 6.23	99.11 10.93 31.11	38.35 3.21 6.39	38.08 2.83 0.00	38.80 2.82 0.00
HOLTSVILLE_IC_7 23696	53.32 0.66 -44.88	52.39 2.11 -23.44	53.18 1.21 -37.22	51.35 1.73 -29.14	37.27 1.50 -16.46	31.40 2.15 -5.19	44.86 3.16 -2.04	38.37 2.66 -4.53	34.28 2.29 -5.07	34.04 2.60 -0.67	36.41 3.03 -0.38	35.81 3.14 0.00	36.74 3.00 0.00	40.63 2.28 -10.81	42.59 1.52 -22.06	35.02 2.64 0.27	55.06 2.29 -26.97	57.11 1.21 -44.64	204.99 5.21 -143.56	170.64 15.01 6.23	99.11 10.93 31.11	38.35 3.21 6.39	38.08 2.83 0.00	38.80 2.82 0.00
HOLTSVILLE_IC_8 23697	53.32 0.66 -44.88	52.39 2.11 -23.44	53.18 1.21 -37.22	51.35 1.73 -29.14	37.27 1.50 -16.46	31.40 2.15 -5.19	44.86 3.16 -2.04	38.37 2.66 -4.53	34.28 2.29 -5.07	34.04 2.60 -0.67	36.41 3.03 -0.38	35.81 3.14 0.00	36.74 3.00 0.00	40.63 2.28 -10.81	42.59 1.52 -22.06	35.02 2.64 0.27	55.06 2.29 -26.97	57.11 1.21 -44.64	204.99 5.21 -143.56	170.64 15.01 6.23	99.11 10.93 31.11	38.35 3.21 6.39	38.08 2.83 0.00	38.80 2.82 0.00
HOLTSVILLE_IC_9 23698	53.32 0.66 -44.88	52.39 2.11 -23.44	53.18 1.21 -37.22	51.35 1.73 -29.14	37.27 1.50 -16.46	31.40 2.15 -5.19	44.86 3.16 -2.04	38.37 2.66 -4.53	34.28 2.29 -5.07	34.04 2.60 -0.67	36.41 3.03 -0.38	35.81 3.14 0.00	36.74 3.00 0.00	40.63 2.28 -10.81	42.59 1.52 -22.06	35.02 2.64 0.27	55.06 2.29 -26.97	57.11 1.21 -44.64	204.99 5.21 -143.56	170.64 15.01 6.23	99.11 10.93 31.11	38.35 3.21 6.39	38.08 2.83 0.00	38.80 2.82 0.00
HOMER_HL_115KV_TB2 355744	4.88 -0.31 2.59	9.87 -1.13 15.84	10.71 -0.70 3.34	5.06 -0.74 14.67	-0.24 -0.62 18.92	13.09 -0.77 10.20	25.59 -1.02 13.04	21.83 -0.72 8.63	16.98 -0.68 9.25	19.08 -0.37 11.32	21.75 -0.19 11.06	21.72 0.02 10.97	25.04 0.10 8.80	22.21 -0.34 4.99	16.58 -0.11 2.33	25.95 -0.84 5.86	34.52 -0.74 -9.46	43.93 -0.21 -32.89	69.53 -2.06 -15.38	159.08 -1.31 1.47	117.96 -1.67 -0.34	40.32 -1.21 0.00	33.98 -1.28 -0.02	35.24 -0.74 0.00
HOWARD_WT_PWR 323690	38.57 -0.63 -31.42	52.77 -2.65 -28.57	27.24 -1.45 -13.94	17.55 -2.06 0.86	31.81 -1.87 -14.39	72.19 -2.06 -50.20	96.05 -3.66 -60.06	71.67 -3.56 -44.04	63.96 -3.00 -40.04	79.29 -3.12 -51.64	79.51 -3.25 -49.76	78.97 -2.72 -49.01	91.69 -2.51 -60.45	89.11 -2.04 -63.61	54.69 -1.42 -37.10	59.62 -2.98 -29.95	61.76 -1.67 -37.62	125.19 -0.77 -114.72	126.40 -2.72 -72.90	182.66 -0.14 -20.93	119.60 -0.04 -0.35	41.38 -0.14 0.00	34.87 -0.39 -0.02	36.01 0.03 0.00
HQ_GEN_CEDARS 23644	7.60 -0.18 0.00	26.27 -0.57 0.00	14.45 -0.30 0.00	20.01 -0.46 0.00	18.82 -0.48 0.00	23.51 -0.55 0.00	34.66 -0.95 4.05	21.94 -0.88 8.36	20.85 -0.76 5.30	30.04 -0.73 0.00	32.15 -0.85 0.00	31.81 -0.86 0.00	320.42 -0.66 -287.34	452.12 -0.84 -425.42	56.67 -0.75 -38.40	21.53 -1.15 9.97	15.85 -0.92 9.04	5.31 -0.32 5.63	54.90 -1.31 0.00	159.81 -3.72 -1.67	142.13 -2.32 -25.16	40.97 -0.58 -0.02	36.55 -0.36 -1.67	35.62 -0.35 0.00
HQ_GEN_CEDARS_PROXY 323590	7.60 -0.18 0.00	26.27 -0.57 0.00	14.45 -0.30 0.00	20.03 -0.44 0.00	18.84 -0.46 0.00	18.17 -0.55 5.33	34.66 -0.95 4.05	21.95 -0.87 8.36	20.87 -0.75 5.30	30.04 -0.73 0.00	32.15 -0.85 0.00	31.81 -0.86 0.00	320.42 -0.67 -287.34	452.12 -0.84 -425.42	56.67 -0.75 -38.40	21.53 -1.15 9.97	15.85 -0.92 9.04	5.30 -0.32 5.63	54.91 -1.30 0.00	159.82 -3.72 -1.67	142.12 -2.32 -25.16	40.97 -0.58 -0.02	36.43 -0.36 -1.55	35.62 -0.35 0.00

HQ_GEN_CHPE_PROXY 323851	33.82 0.61 -25.43	37.26 1.88 -8.54	32.39 1.04 -16.61	31.62 1.47 -9.67	37.73 1.31 -17.12	31.10 1.86 -5.19	44.73 3.04 -2.04	38.44 2.73 -4.53	34.42 2.43 -5.07	34.15 2.71 -0.67	36.40 3.01 -0.38	35.83 3.16 0.00	36.81 3.06 0.00	40.99 2.64 -10.81	46.44 1.84 -25.59	39.86 3.09 -4.13	117.74 2.69 -89.24	291.81 1.27 -279.30	223.46 5.65 -161.61	177.57 15.70 0.00	130.97 11.69 0.00	45.32 3.50 -0.30	38.10 2.88 0.03	38.67 2.69 0.00
HQ_GEN_IMPORT 323601	7.72 -0.06 0.00	26.65 -0.19 0.00	14.66 -0.10 0.00	20.33 -0.14 0.00	19.81 -0.15 -0.65	23.88 -0.18 0.00	39.34 -0.31 0.00	30.90 -0.28 0.00	26.69 -0.23 0.00	30.52 -0.25 0.00	32.71 -0.30 0.00	32.36 -0.31 0.00	27.39 -0.27 6.08	18.37 -0.28 8.88	17.88 -0.22 0.91	32.31 -0.33 0.00	25.54 -0.26 0.00	-1.97 -0.10 13.12	55.79 -0.43 0.00	160.60 -1.23 0.03	117.95 -0.84 0.51	41.58 -0.24 -0.30	34.95 -0.24 0.06	35.73 -0.25 0.00
HQ_GEN_WHEEL 23651	7.72 -0.06 0.00	26.65 -0.19 0.00	14.66 -0.10 0.00	20.33 -0.14 0.00	19.81 -0.15 -0.65	23.88 -0.18 0.00	39.34 -0.31 0.00	30.90 -0.28 0.00	26.69 -0.23 0.00	30.52 -0.25 0.00	32.71 -0.30 0.00	32.36 -0.31 0.00	27.39 -0.27 6.08	18.37 -0.28 8.88	17.88 -0.22 0.91	32.31 -0.33 0.00	25.54 -0.26 0.00	-1.97 -0.10 13.12	55.79 -0.43 0.00	160.60 -1.23 0.03	117.95 -0.84 0.51	41.58 -0.24 -0.30	34.95 -0.24 0.06	35.73 -0.25 0.00
HUDSON AVE_GT_3 23810	33.84 0.64 -25.43	37.32 1.94 -8.54	32.43 1.07 -16.61	31.65 1.50 -9.67	37.12 1.35 -16.46	31.17 1.93 -5.19	44.88 3.19 -2.04	38.54 2.84 -4.53	34.52 2.53 -5.07	34.26 2.82 -0.67	36.54 3.15 -0.38	35.98 3.31 0.00	36.96 3.21 0.00	41.10 2.75 -10.81	46.52 1.92 -25.59	40.00 3.22 -4.13	117.84 2.79 -89.24	304.99 1.31 -292.42	223.70 5.88 -161.61	178.18 16.31 0.00	131.45 12.16 0.00	45.17 3.64 0.00	38.25 3.00 0.00	38.79 2.81 0.00
HUDSON AVE_GT_4 23540	33.84 0.64 -25.43	37.32 1.94 -8.54	32.43 1.07 -16.61	31.65 1.50 -9.67	37.12 1.35 -16.46	31.17 1.93 -5.19	44.88 3.19 -2.04	38.54 2.84 -4.53	34.52 2.53 -5.07	34.26 2.82 -0.67	36.54 3.15 -0.38	35.98 3.31 0.00	36.96 3.21 0.00	41.10 2.75 -10.81	46.52 1.92 -25.59	40.00 3.22 -4.13	117.84 2.79 -89.24	304.99 1.31 -292.42	223.70 5.88 -161.61	178.18 16.31 0.00	131.45 12.16 0.00	45.17 3.64 0.00	38.25 3.00 0.00	38.79 2.81 0.00
HUDSON AVE_GT_5 23657	33.84 0.64 -25.43	37.32 1.94 -8.54	32.43 1.07 -16.61	31.65 1.50 -9.67	37.12 1.35 -16.46	31.17 1.93 -5.19	44.88 3.19 -2.04	38.54 2.84 -4.53	34.52 2.53 -5.07	34.26 2.82 -0.67	36.54 3.15 -0.38	35.98 3.31 0.00	36.96 3.21 0.00	41.10 2.75 -10.81	46.52 1.92 -25.59	40.00 3.22 -4.13	117.84 2.79 -89.24	304.99 1.31 -292.42	223.70 5.88 -161.61	178.18 16.31 0.00	131.45 12.16 0.00	45.17 3.64 0.00	38.25 3.00 0.00	38.79 2.81 0.00
HUDSON_AVE_10 24168	33.81 0.61 -25.43	37.19 1.81 -8.54	32.34 0.99 -16.60	31.56 1.41 -9.67	37.03 1.27 -16.46	31.08 1.83 -5.19	44.74 3.05 -2.04	38.45 2.74 -4.53	34.43 2.44 -5.07	34.13 2.70 -0.67	36.39 3.00 -0.38	35.85 3.18 0.00	36.80 3.05 0.00	40.97 2.62 -10.81	46.42 1.81 -25.59	39.82 3.05 -4.13	117.73 2.68 -89.24	304.94 1.27 -292.42	223.39 5.57 -161.61	177.23 15.37 0.00	130.89 11.59 0.00	45.01 3.48 0.00	38.13 2.89 0.00	38.65 2.68 0.00
HUDSON___115KV_TB 4 355613	36.93 0.38 -28.77	37.79 1.29 -9.66	34.23 0.68 -18.79	32.38 0.96 -10.95	38.82 0.89 -18.63	31.08 1.15 -5.87	43.87 1.92 -2.30	37.73 1.45 -5.10	33.76 1.12 -5.73	32.76 1.23 -0.75	34.74 1.30 -0.43	33.87 1.20 0.00	34.83 1.08 0.00	40.81 1.04 -12.23	48.72 0.76 -28.95	38.70 1.38 -4.67	127.84 1.14 -100.89	342.42 0.56 -330.60	241.54 3.11 -182.21	170.44 8.57 0.00	125.46 6.17 0.00	43.60 2.08 0.00	36.98 1.74 0.00	37.65 1.68 0.00
HUNTER MOUNT___DRP 323613	36.50 0.40 -28.32	37.72 1.37 -9.51	33.97 0.72 -18.50	32.27 1.02 -10.77	38.59 0.95 -18.34	31.06 1.23 -5.78	44.02 2.10 -2.27	37.81 1.61 -5.03	33.77 1.22 -5.64	32.85 1.33 -0.74	34.82 1.39 -0.42	33.95 1.28 0.00	34.90 1.15 0.00	40.70 1.12 -12.04	48.34 0.82 -28.50	38.75 1.51 -4.60	126.39 1.24 -99.35	337.45 0.67 -325.53	238.89 3.42 -179.26	171.19 9.33 0.00	126.02 6.73 0.00	43.79 2.26 0.00	37.12 1.88 0.00	37.79 1.82 0.00
HUNTINGTON_RES_REC 323705	53.35 0.60 -44.97	52.25 1.89 -23.51	53.13 1.06 -37.32	51.21 1.50 -29.24	37.02 1.25 -16.46	31.05 1.80 -5.19	44.17 2.48 -2.04	37.81 2.10 -4.53	33.86 1.87 -5.07	33.62 2.18 -0.67	36.13 2.75 -0.38	35.55 2.88 0.00	36.50 2.75 0.00	40.48 2.13 -10.81	42.50 1.41 -22.08	34.75 2.35 0.24	55.11 2.00 -27.31	58.31 1.08 -45.97	204.30 4.42 -143.66	167.97 12.31 6.20	97.25 8.90 30.94	37.73 2.55 6.35	37.50 2.26 0.00	38.28 2.30 0.00
HUNTLEY___63 23557	4.15 -0.49 3.14	10.76 -1.73 14.36	10.60 -1.01 3.14	7.19 -1.20 12.08	2.03 -1.07 16.20	11.93 -1.45 10.67	23.70 -2.63 13.32	20.62 -1.87 8.69	16.33 -1.35 9.23	18.12 -0.99 11.66	20.66 -0.89 11.45	20.45 -0.87 11.35	23.44 -1.11 9.20	20.68 -1.28 5.58	15.27 -0.68 3.06	25.05 -1.43 6.17	32.06 -1.41 -7.67	37.80 -0.48 -27.03	62.57 -3.87 -10.23	149.05 -7.32 5.49	113.40 -6.24 -0.34	39.09 -2.44 0.00	33.03 -2.24 -0.02	34.31 -1.67 0.00
HUNTLEY___64 23558	4.15 -0.49 3.14	10.76 -1.73 14.36	10.60 -1.01 3.14	7.19 -1.20 12.08	2.03 -1.07 16.20	11.93 -1.45 10.67	23.70 -2.63 13.32	20.62 -1.87 8.69	16.33 -1.35 9.23	18.12 -0.99 11.66	20.66 -0.89 11.45	20.45 -0.87 11.35	23.44 -1.11 9.20	20.68 -1.28 5.58	15.27 -0.68 3.06	25.05 -1.43 6.17	32.06 -1.41 -7.67	37.80 -0.48 -27.03	62.57 -3.87 -10.23	149.05 -7.32 5.49	113.40 -6.24 -0.34	39.09 -2.44 0.00	33.03 -2.24 -0.02	34.31 -1.67 0.00
HUNTLEY___65 23559	4.15 -0.49 3.14	10.76 -1.73 14.36	10.60 -1.01 3.14	7.19 -1.20 12.08	2.03 -1.07 16.20	11.93 -1.45 10.67	23.70 -2.63 13.32	20.62 -1.87 8.69	16.33 -1.35 9.23	18.12 -0.99 11.66	20.66 -0.89 11.45	20.45 -0.87 11.35	23.44 -1.11 9.20	20.68 -1.28 5.58	15.27 -0.68 3.06	25.05 -1.43 6.17	32.06 -1.41 -7.67	37.80 -0.48 -27.03	62.57 -3.87 -10.23	149.05 -7.32 5.49	113.40 -6.24 -0.34	39.09 -2.44 0.00	33.03 -2.24 -0.02	34.31 -1.67 0.00
HUNTLEY___66 23560	4.15 -0.49 3.14	10.76 -1.73 14.36	10.60 -1.01 3.14	7.19 -1.20 12.08	2.03 -1.07 16.20	11.93 -1.45 10.67	23.70 -2.63 13.32	20.62 -1.87 8.69	16.33 -1.35 9.23	18.12 -0.99 11.66	20.66 -0.89 11.45	20.45 -0.87 11.35	23.44 -1.11 9.20	20.68 -1.28 5.58	15.27 -0.68 3.06	25.05 -1.43 6.17	32.06 -1.41 -7.67	37.80 -0.48 -27.03	62.57 -3.87 -10.23	149.05 -7.32 5.49	113.40 -6.24 -0.34	39.09 -2.44 0.00	33.03 -2.24 -0.02	34.31 -1.67 0.00
HUNTLEY___67 23561	3.22 -0.56 4.00	9.02 -1.97 15.86	9.97 -1.12 3.66	6.18 -1.38 12.92	0.45 -1.24 17.60	10.16 -1.68 12.22	21.42 -2.82 15.41	19.02 -2.06 10.09	14.86 -1.60 10.46	16.19 -1.31 13.27	18.68 -1.30 13.03	18.54 -1.22 12.90	21.32 -1.42 11.01	18.68 -1.52 7.34	14.12 -0.88 4.01	23.77 -1.79 7.08	31.43 -1.55 -7.17	36.41 -0.59 -25.75	60.92 -4.11 -8.82	147.53 -7.80 6.53	113.03 -6.60 -0.34	39.00 -2.53 0.00	32.91 -2.35 -0.02	34.16 -1.82 0.00

HUNTLEY___68 23562	3.22 -0.56 4.00	9.02 -1.97 15.86	9.97 -1.12 3.66	6.18 -1.38 12.92	0.45 -1.24 17.60	10.16 -1.68 12.22	21.42 -2.82 15.41	19.02 -2.06 10.09	14.86 -1.60 10.46	16.19 -1.31 13.27	18.68 -1.30 13.03	18.54 -1.22 12.90	21.32 -1.42 11.01	18.68 -1.52 7.34	14.12 -0.88 4.01	23.77 -1.79 7.08	31.43 -1.55 -7.17	36.41 -0.59 -25.75	60.92 -4.11 -8.82	147.53 -7.80 6.53	113.03 -6.60 -0.34	39.00 -2.53 0.00	32.91 -2.35 -0.02	34.16 -1.82 0.00
HYLAND___LFGE 323620	36.09 -0.09 -28.39	54.67 -0.55 -28.37	27.65 -0.30 -13.20	22.76 -0.38 -2.66	35.97 -0.29 -16.96	69.71 -0.17 -45.82	94.45 -0.05 -54.84	71.88 -0.57 -41.27	63.75 -0.84 -37.67	77.58 -0.53 -47.34	77.90 -0.63 -45.53	77.30 -0.23 -44.86	89.50 0.11 -55.64	85.32 -0.70 -58.48	52.25 -0.27 -33.51	59.18 -0.80 -27.33	57.99 -0.52 -32.70	110.53 -0.04 -99.32	123.13 0.35 -66.57	191.37 6.15 -23.36	124.28 4.64 -0.35	42.84 1.31 0.00	35.99 0.72 -0.02	36.98 1.00 0.00
INDECK___CORINTH 23802	38.38 0.55 -30.05	38.75 1.81 -10.09	35.34 0.96 -19.63	33.23 1.32 -11.44	40.03 1.27 -19.46	31.85 1.66 -6.13	45.23 3.19 -2.39	38.93 2.45 -5.30	34.77 1.88 -5.97	33.77 2.21 -0.78	35.77 2.31 -0.45	34.34 1.67 0.00	35.32 1.57 0.00	41.96 1.66 -12.76	50.46 1.24 -30.21	39.80 2.28 -4.88	132.95 1.87 -105.27	357.00 0.81 -344.94	250.37 4.18 -189.98	173.48 11.62 0.00	127.59 8.29 0.00	44.69 3.16 0.00	37.75 2.51 0.00	38.42 2.44 0.00
INDECK___ILION 23567	8.12 0.34 0.00	28.10 1.25 0.00	15.41 0.65 0.00	21.44 0.96 0.00	20.23 0.94 0.00	25.22 1.16 0.00	43.03 2.03 -1.35	34.76 0.80 -2.79	29.22 0.54 -1.76	31.55 0.78 0.00	33.14 0.14 0.00	31.98 -0.69 0.00	38.92 -0.21 -5.38	36.13 0.01 -8.59	22.52 0.34 -3.16	36.77 0.80 -3.32	30.45 1.64 -3.01	13.69 0.57 -1.87	60.20 3.99 0.00	173.24 11.34 -0.03	127.15 7.39 -0.47	43.72 2.19 0.00	37.49 2.22 -0.03	38.18 2.20 0.00
INDECK___OLEAN 23982	4.88 -0.31 2.59	9.82 -1.18 15.84	10.67 -0.74 3.34	4.99 -0.82 14.67	-0.34 -0.72 18.92	13.09 -0.76 10.20	25.66 -0.96 13.04	21.76 -0.79 8.63	16.91 -0.75 9.25	19.07 -0.38 11.32	21.75 -0.19 11.06	21.70 0.00 10.97	25.03 0.09 8.80	22.20 -0.34 4.99	16.57 -0.11 2.33	25.94 -0.84 5.86	34.51 -0.76 -9.46	43.92 -0.21 -32.89	69.48 -2.12 -15.38	158.93 -1.47 1.47	117.94 -1.69 -0.34	40.32 -1.21 0.00	33.99 -1.28 -0.02	35.24 -0.74 0.00
INDECK___OSWEGO 23783	9.79 -0.19 -2.20	26.92 -0.66 -0.74	15.81 -0.38 -1.44	20.81 -0.51 -0.84	20.26 -0.47 -1.42	23.93 -0.57 -0.45	37.51 -0.88 1.26	27.92 -0.69 2.58	24.89 -0.58 1.45	30.14 -0.69 -0.06	32.33 -0.71 -0.03	32.05 -0.62 0.00	44.76 -0.59 -11.60	44.63 -0.49 -17.58	20.30 -0.36 -1.65	28.70 -0.75 3.20	29.87 -0.68 -4.75	35.12 -0.30 -24.17	68.67 -1.59 -14.04	157.64 -4.29 -0.07	117.18 -3.13 -1.02	40.44 -1.09 0.00	34.40 -0.91 -0.07	35.06 -0.91 0.00
INDECK___YERKES 23781	4.16 -0.48 3.14	10.74 -1.75 14.36	10.58 -1.03 3.14	7.13 -1.26 12.08	1.99 -1.12 16.20	11.98 -1.40 10.67	23.83 -2.50 13.32	20.61 -1.88 8.69	16.27 -1.41 9.23	18.16 -0.95 11.66	20.73 -0.82 11.45	20.49 -0.83 11.35	23.52 -1.02 9.20	20.70 -1.25 5.58	15.29 -0.67 3.06	25.11 -1.37 6.17	32.09 -1.39 -7.67	37.80 -0.48 -27.03	62.62 -3.82 -10.23	149.03 -7.34 5.49	113.51 -6.13 -0.34	39.14 -2.39 0.00	33.06 -2.20 -0.02	34.36 -1.62 0.00
INDIAN POINT_GT_1 24139	33.69 0.56 -25.35	37.95 1.73 -9.37	32.50 0.95 -16.80	32.76 1.33 -10.95	38.39 1.21 -17.88	30.91 1.69 -5.16	44.52 2.83 -2.03	38.19 2.50 -4.51	34.15 2.19 -5.05	33.85 2.42 -0.66	36.09 2.71 -0.38	35.52 2.84 0.00	36.48 2.73 0.00	40.65 2.36 -10.76	46.12 1.65 -25.45	39.52 2.77 -4.11	116.99 2.42 -88.77	303.27 1.15 -290.87	222.25 5.24 -160.80	176.54 14.68 0.00	130.06 10.77 0.00	44.73 3.20 0.00	37.87 2.63 0.00	38.45 2.48 0.00
INDIAN POINT_GT_2 23659	33.69 0.56 -25.35	37.95 1.73 -9.37	32.50 0.95 -16.80	32.76 1.33 -10.95	38.39 1.21 -17.88	30.91 1.69 -5.16	44.52 2.83 -2.03	38.19 2.50 -4.51	34.15 2.19 -5.05	33.85 2.42 -0.66	36.09 2.71 -0.38	35.52 2.84 0.00	36.48 2.73 0.00	40.65 2.36 -10.76	46.12 1.65 -25.45	39.52 2.77 -4.11	116.99 2.42 -88.77	303.27 1.15 -290.87	222.25 5.24 -160.80	176.54 14.68 0.00	130.06 10.77 0.00	44.73 3.20 0.00	37.87 2.63 0.00	38.45 2.48 0.00
INDIAN POINT_GT_3 24019	33.69 0.56 -25.35	37.95 1.73 -9.37	32.50 0.95 -16.80	32.76 1.33 -10.95	38.39 1.21 -17.88	30.91 1.69 -5.16	44.52 2.83 -2.03	38.19 2.50 -4.51	34.15 2.19 -5.05	33.85 2.42 -0.66	36.09 2.71 -0.38	35.52 2.84 0.00	36.48 2.73 0.00	40.65 2.36 -10.76	46.12 1.65 -25.45	39.52 2.77 -4.11	116.99 2.42 -88.77	303.27 1.15 -290.87	222.25 5.24 -160.80	176.54 14.68 0.00	130.06 10.77 0.00	44.73 3.20 0.00	37.87 2.63 0.00	38.45 2.48 0.00
INDIAN POINT___2 23530	33.49 0.56 -25.15	37.89 1.73 -9.32	32.38 0.95 -16.68	32.70 1.33 -10.90	38.28 1.21 -17.77	30.85 1.67 -5.12	44.46 2.79 -2.02	38.13 2.48 -4.47	34.09 2.17 -5.01	33.81 2.39 -0.66	36.07 2.69 -0.37	35.49 2.82 0.00	36.46 2.72 0.00	40.56 2.35 -10.67	45.91 1.64 -25.25	39.48 2.75 -4.08	116.27 2.39 -88.07	300.95 1.13 -288.57	220.97 5.17 -159.59	176.40 14.54 0.00	129.95 10.66 0.00	44.69 3.16 0.00	37.84 2.60 0.00	38.43 2.46 0.00
INDIAN POINT___3 23531	33.70 0.56 -25.36	37.94 1.72 -9.37	32.51 0.95 -16.81	32.75 1.32 -10.95	38.38 1.20 -17.88	30.90 1.68 -5.16	44.50 2.81 -2.03	38.16 2.47 -4.51	34.13 2.17 -5.05	33.82 2.39 -0.66	36.08 2.69 -0.38	35.49 2.82 0.00	36.46 2.71 0.00	40.64 2.34 -10.76	46.10 1.63 -25.46	39.50 2.74 -4.11	116.99 2.39 -88.80	303.34 1.13 -290.96	222.22 5.17 -160.84	176.27 14.40 0.00	129.88 10.59 0.00	44.68 3.15 0.00	37.84 2.59 0.00	38.42 2.45 0.00
INDIANHD_69_KV_BK1 55831	53.34 0.70 -44.85	52.49 2.22 -23.42	53.22 1.27 -37.20	51.40 1.81 -29.12	37.34 1.58 -16.46	31.51 2.27 -5.19	45.09 3.39 -2.04	38.52 2.82 -4.53	34.37 2.38 -5.07	34.11 2.67 -0.67	36.53 3.15 -0.38	35.90 3.23 0.00	36.84 3.09 0.00	40.72 2.36 -10.81	42.64 1.58 -22.05	35.14 2.77 0.27	55.11 2.45 -26.85	56.79 1.34 -44.20	205.43 5.68 -143.53	172.11 16.49 6.25	100.22 12.10 31.16	38.64 3.52 6.40	38.29 3.04 0.00	39.02 3.04 0.00
INGHAM_C_115KV_TB7 356103	8.12 0.34 0.00	28.10 1.25 0.00	15.41 0.65 0.00	21.44 0.96 0.00	20.23 0.94 0.00	25.22 1.16 0.00	43.03 2.03 -1.35	34.76 0.80 -2.79	29.22 0.54 -1.76	31.55 0.78 0.00	33.14 0.14 0.00	31.98 -0.69 0.00	38.92 -0.21 -5.38	36.13 0.01 -8.59	22.52 0.34 -3.16	36.77 0.80 -3.32	30.45 1.64 -3.01	13.69 0.57 -1.87	60.20 3.99 0.00	173.24 11.34 -0.03	127.15 7.39 -0.47	43.72 2.19 0.00	37.49 2.22 -0.03	38.18 2.20 0.00
IP CORINTH___1 23988	38.38 0.55 -30.05	38.75 1.81 -10.09	35.34 0.96 -19.63	33.24 1.33 -11.44	40.04 1.28 -19.46	31.85 1.66 -6.13	45.24 3.19 -2.39	38.93 2.46 -5.30	34.77 1.88 -5.97	33.77 2.22 -0.78	35.77 2.32 -0.45	34.34 1.67 0.00	35.33 1.58 0.00	41.96 1.66 -12.76	50.46 1.24 -30.21	39.81 2.29 -4.88	132.95 1.87 -105.27	357.00 0.81 -344.94	250.37 4.18 -189.98	173.48 11.62 0.00	127.59 8.30 0.00	44.70 3.17 0.00	37.75 2.51 0.00	38.42 2.44 0.00

IP___TICONDEROGA 23804	38.61 0.81 -30.02	39.53 2.61 -10.08	35.71 1.35 -19.61	33.77 1.87 -11.42	40.50 1.76 -19.44	32.55 2.37 -6.13	46.73 4.69 -2.39	39.87 3.39 -5.29	35.59 2.71 -5.96	34.20 2.65 -0.78	36.11 2.65 -0.45	34.70 2.03 0.00	35.60 1.85 0.00	42.52 2.23 -12.75	50.89 1.70 -30.17	41.00 3.48 -4.87	134.01 3.05 -105.14	356.97 1.19 -344.53	252.78 6.82 -189.75	181.69 19.82 0.00	133.21 13.92 0.00	46.64 5.12 0.00	39.14 3.90 0.00	39.50 3.52 0.00
ISLIP_RES_REC 323679	53.42 0.69 -44.96	52.52 2.18 -23.50	53.30 1.25 -37.31	51.47 1.77 -29.22	37.32 1.55 -16.46	31.47 2.23 -5.19	45.00 3.30 -2.04	38.48 2.77 -4.53	34.37 2.39 -5.07	34.14 2.70 -0.67	36.50 3.11 -0.38	35.89 3.22 0.00	36.82 3.07 0.00	40.71 2.35 -10.81	42.66 1.56 -22.08	35.13 2.72 0.24	55.50 2.36 -27.33	58.57 1.26 -46.05	205.28 5.40 -143.67	171.32 15.65 6.20	99.81 11.45 30.93	38.55 3.37 6.35	38.19 2.94 0.00	38.91 2.93 0.00
JAMAICA__27_KV_LOAD 355505	33.83 0.63 -25.43	37.25 1.87 -8.54	32.37 1.01 -16.60	31.60 1.45 -9.67	37.07 1.31 -16.46	31.15 1.90 -5.19	44.92 3.22 -2.04	38.64 2.93 -4.53	34.58 2.59 -5.07	34.27 2.83 -0.67	36.51 3.13 -0.38	35.98 3.31 0.00	36.90 3.15 0.00	41.05 2.69 -10.81	46.45 1.85 -25.59	39.91 3.14 -4.13	117.81 2.76 -89.24	304.97 1.30 -292.42	223.46 5.65 -161.61	177.53 15.67 0.00	131.27 11.98 0.00	45.17 3.64 0.00	38.31 3.07 0.00	38.82 2.84 0.00
JANIS___SOLAR 323808	17.87 0.14 -9.96	32.58 0.47 -5.27	21.29 0.25 -6.29	24.93 0.37 -4.08	27.01 0.39 -7.33	29.49 0.56 -4.87	45.44 1.19 -4.60	35.94 0.88 -3.88	31.40 0.46 -4.03	34.19 -0.09 -3.52	35.97 -0.38 -3.35	35.45 -0.41 -3.18	41.19 0.13 -7.58	40.58 0.13 -12.91	30.24 0.31 -10.92	36.41 0.53 -3.23	59.11 0.87 -32.43	117.40 0.44 -105.71	117.55 2.79 -58.55	174.30 10.89 -1.55	126.88 7.26 -0.33	43.57 2.04 0.00	36.92 1.65 -0.02	37.65 1.68 0.00
JARVIS____ 23743	7.83 0.05 0.00	27.01 0.16 0.00	14.84 0.09 0.00	20.58 0.11 0.00	19.42 0.12 0.00	24.19 0.13 0.00	41.22 0.22 -1.35	34.14 0.18 -2.79	28.83 0.15 -1.76	30.92 0.15 0.00	33.17 0.16 0.00	32.81 0.13 0.00	39.27 0.14 -5.38	36.28 0.15 -8.59	22.29 0.11 -3.16	36.18 0.21 -3.32	28.99 0.18 -3.01	13.20 0.08 -1.87	56.60 0.38 0.00	162.91 1.01 -0.03	120.48 0.72 -0.47	41.76 0.23 0.00	35.50 0.23 -0.03	36.19 0.22 0.00
JENNISON___1 23625	19.59 0.13 -11.68	34.63 0.52 -7.27	23.59 0.26 -8.58	30.43 0.45 -9.50	32.97 0.43 -13.24	27.08 0.53 -2.50	43.86 1.31 -2.90	35.80 1.31 -3.31	30.90 0.77 -3.21	31.28 0.24 -0.27	33.41 0.23 -0.17	32.77 0.10 0.00	33.98 0.23 0.00	32.69 0.27 -4.88	30.91 0.35 -11.55	35.04 0.53 -1.86	72.88 1.24 -45.83	162.44 1.01 -150.18	143.91 4.66 -83.04	177.18 15.32 0.00	129.88 10.58 0.00	44.70 3.18 0.00	37.93 2.69 0.00	38.34 2.37 0.00
JENNISON___2 23626	19.59 0.13 -11.68	34.63 0.52 -7.27	23.59 0.26 -8.58	30.43 0.45 -9.50	32.97 0.43 -13.24	27.08 0.53 -2.50	43.86 1.31 -2.90	35.80 1.31 -3.31	30.90 0.77 -3.21	31.28 0.24 -0.27	33.41 0.23 -0.17	32.77 0.10 0.00	33.98 0.23 0.00	32.69 0.27 -4.88	30.91 0.35 -11.55	35.04 0.53 -1.86	72.88 1.24 -45.83	162.44 1.01 -150.18	143.91 4.66 -83.04	177.18 15.32 0.00	129.88 10.58 0.00	44.70 3.18 0.00	37.93 2.69 0.00	38.34 2.37 0.00
JERICHO_RISE_WT_PWR 323719	7.57 -0.21 0.00	26.13 -0.72 0.00	14.35 -0.40 0.00	19.88 -0.60 0.00	18.69 -0.61 0.00	23.31 -0.74 0.00	37.16 -1.25 1.25	27.53 -1.08 2.57	24.42 -0.87 1.63	29.71 -1.06 0.00	31.73 -1.27 0.00	31.35 -1.31 0.00	16.90 -1.18 15.67	2.35 -1.03 24.16	13.46 -0.85 4.70	28.18 -1.40 3.07	21.93 -1.10 2.78	9.08 -0.44 1.73	54.57 -1.64 0.00	156.89 -4.88 0.09	114.35 -3.52 1.42	40.58 -0.95 0.00	34.41 -0.73 0.09	35.32 -0.65 0.00
KATONAH___115KV_46KV_TB4 355592	34.07 0.58 -25.71	37.28 1.80 -8.63	32.53 0.99 -16.79	31.64 1.38 -9.78	37.21 1.26 -16.65	31.06 1.76 -5.25	44.67 2.95 -2.07	38.35 2.60 -4.58	34.32 2.28 -5.13	33.96 2.52 -0.67	36.21 2.82 -0.38	35.60 2.93 0.00	36.57 2.83 0.00	40.89 2.41 -10.93	46.58 1.69 -25.88	39.70 2.87 -4.18	118.54 2.51 -90.23	308.08 1.18 -295.65	224.78 5.41 -163.16	177.02 15.15 0.00	130.35 11.05 0.00	44.88 3.35 0.00	37.98 2.74 0.00	38.56 2.58 0.00
KCE_NY_1 323755	38.25 0.48 -29.99	38.53 1.62 -10.07	35.20 0.86 -19.59	33.08 1.20 -11.41	39.87 1.15 -19.42	31.65 1.47 -6.12	44.80 2.77 -2.38	38.62 2.16 -5.28	34.57 1.71 -5.94	33.60 2.05 -0.78	35.63 2.18 -0.44	34.38 1.71 0.00	35.36 1.62 0.00	41.84 1.60 -12.70	50.25 1.19 -30.05	39.69 2.19 -4.85	132.32 1.80 -104.72	355.16 0.77 -343.14	249.22 4.02 -188.99	172.59 10.72 0.00	127.10 7.81 0.00	44.33 2.81 0.00	37.56 2.31 0.00	38.25 2.28 0.00
KCE_NY_6_ESR 323823	2.80 -0.50 4.48	7.87 -1.85 17.12	9.66 -1.05 4.04	5.23 -1.32 13.92	-0.93 -1.21 19.02	9.28 -1.49 13.29	20.57 -2.39 16.69	18.41 -1.83 10.94	14.07 -1.48 11.37	15.25 -1.12 14.40	17.81 -1.06 14.14	17.69 -0.98 14.00	20.40 -1.09 12.26	17.74 -1.28 8.52	13.73 -0.70 4.58	23.39 -1.55 7.71	31.64 -1.33 -7.17	36.70 -0.47 -25.91	61.49 -3.39 -8.67	149.58 -5.48 6.80	114.87 -4.76 -0.34	39.54 -1.99 0.00	33.38 -1.89 -0.02	34.63 -1.35 0.00
KEDC_PORT_JEFF_GT2 24210	53.27 0.66 -44.83	52.34 2.09 -23.40	53.12 1.20 -37.17	51.28 1.71 -29.09	37.25 1.48 -16.46	31.38 2.13 -5.19	44.83 3.13 -2.04	38.33 2.63 -4.53	34.18 2.19 -5.07	33.92 2.49 -0.67	36.41 3.03 -0.38	35.79 3.13 0.00	36.73 2.98 0.00	40.63 2.28 -10.81	42.57 1.51 -22.04	35.00 2.63 0.28	54.85 2.29 -26.76	56.32 1.24 -43.83	204.93 5.22 -143.50	170.61 15.00 6.26	98.98 10.90 31.21	38.20 3.08 6.41	37.97 2.73 0.00	38.78 2.80 0.00
KEDC_PORT_JEFF_GT3 24211	53.27 0.66 -44.83	52.34 2.09 -23.40	53.12 1.20 -37.17	51.28 1.71 -29.09	37.25 1.48 -16.46	31.38 2.13 -5.19	44.83 3.13 -2.04	38.33 2.63 -4.53	34.18 2.19 -5.07	33.92 2.49 -0.67	36.41 3.03 -0.38	35.79 3.13 0.00	36.73 2.98 0.00	40.63 2.28 -10.81	42.57 1.51 -22.04	35.00 2.63 0.28	54.85 2.29 -26.76	56.32 1.24 -43.83	204.93 5.22 -143.50	170.61 15.00 6.26	98.98 10.90 31.21	38.20 3.08 6.41	37.97 2.73 0.00	38.78 2.80 0.00
KEDC_GLWD_GT4 24219	64.73 0.67 -56.27	61.15 2.13 -32.17	65.23 1.17 -49.30	62.67 1.65 -40.55	37.23 1.47 -16.46	31.27 2.03 -5.19	44.91 3.22 -2.04	38.51 2.80 -4.53	34.38 2.39 -5.07	34.15 2.71 -0.67	36.58 3.20 -0.38	36.01 3.34 0.00	36.99 3.24 0.00	41.04 2.69 -10.81	45.38 1.86 -24.50	38.55 3.13 -2.77	96.35 2.69 -67.86	218.64 1.30 -206.09	217.88 5.63 -156.03	175.73 15.79 1.93	121.19 11.52 9.62	43.00 3.45 1.97	38.16 2.92 0.00	38.90 2.93 0.00
KEDC_GLWD_GT5 24220	64.73 0.67 -56.27	61.15 2.13 -32.17	65.23 1.17 -49.30	62.67 1.65 -40.55	37.23 1.47 -16.46	31.27 2.03 -5.19	44.91 3.22 -2.04	38.51 2.80 -4.53	34.38 2.39 -5.07	34.15 2.71 -0.67	36.58 3.20 -0.38	36.01 3.34 0.00	36.99 3.24 0.00	41.04 2.69 -10.81	45.38 1.86 -24.50	38.55 3.13 -2.77	96.35 2.69 -67.86	218.64 1.30 -206.09	217.88 5.63 -156.03	175.73 15.79 1.93	121.19 11.52 9.62	43.00 3.45 1.97	38.16 2.92 0.00	38.90 2.93 0.00

KENSICO____ 23655	33.76 0.58 -25.41	37.16 1.79 -8.53	32.32 0.98 -16.59	31.52 1.38 -9.67	37.00 1.25 -16.45	30.99 1.76 -5.18	44.61 2.92 -2.04	38.28 2.58 -4.53	34.26 2.27 -5.07	33.96 2.52 -0.67	36.21 2.83 -0.38	35.64 2.97 0.00	36.60 2.85 0.00	40.79 2.45 -10.80	46.29 1.71 -25.57	39.65 2.87 -4.13	117.47 2.51 -89.16	304.59 1.19 -292.15	223.05 5.37 -161.47	176.88 15.01 0.00	130.25 10.96 0.00	44.83 3.30 0.00	37.95 2.71 0.00	38.54 2.57 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.40 0.61 -25.02	38.11 1.93 -9.34	32.40 1.05 -16.61	32.88 1.46 -10.94	38.44 1.35 -17.79	30.98 1.83 -5.09	44.80 3.15 -2.00	38.41 2.74 -4.50	34.32 2.25 -5.15	33.73 2.30 -0.65	35.87 2.49 -0.37	35.26 2.59 0.00	36.18 2.43 0.00	40.05 1.90 -10.61	45.51 1.39 -25.11	39.06 2.36 -4.05	115.68 2.10 -87.77	299.97 1.14 -287.59	218.63 5.16 -157.25	177.62 15.76 0.00	130.94 11.65 0.00	45.06 3.52 0.00	38.10 2.85 0.00	38.63 2.65 0.00
KIAC_JFK_GT1 23816	33.79 0.58 -25.43	37.09 1.70 -8.54	32.28 0.93 -16.60	31.49 1.34 -9.67	36.97 1.20 -16.46	31.02 1.77 -5.19	44.68 2.99 -2.04	38.44 2.74 -4.53	34.42 2.43 -5.07	34.10 2.66 -0.67	36.32 2.94 -0.38	35.80 3.13 0.00	36.71 2.96 0.00	40.89 2.54 -10.81	46.36 1.75 -25.59	39.73 2.96 -4.13	117.67 2.62 -89.24	304.89 1.22 -292.42	222.92 5.11 -161.61	175.87 14.01 0.00	130.04 10.75 0.00	44.75 3.22 0.00	38.08 2.84 0.00	38.60 2.63 0.00
KIAC_JFK_GT2 23817	33.79 0.58 -25.43	37.09 1.70 -8.54	32.28 0.93 -16.60	31.49 1.34 -9.67	36.97 1.20 -16.46	31.02 1.77 -5.19	44.68 2.99 -2.04	38.44 2.74 -4.53	34.42 2.43 -5.07	34.10 2.66 -0.67	36.32 2.94 -0.38	35.80 3.13 0.00	36.71 2.96 0.00	40.89 2.54 -10.81	46.36 1.75 -25.59	39.73 2.96 -4.13	117.67 2.62 -89.24	304.89 1.22 -292.42	222.92 5.11 -161.61	175.87 14.01 0.00	130.04 10.75 0.00	44.75 3.22 0.00	38.08 2.84 0.00	38.60 2.63 0.00
KIAC_JFK____ 323774	33.79 0.58 -25.43	37.11 1.72 -8.54	32.28 0.93 -16.60	31.50 1.35 -9.67	36.98 1.21 -16.46	31.01 1.77 -5.19	44.66 2.96 -2.04	38.45 2.74 -4.53	34.42 2.44 -5.07	34.10 2.66 -0.67	36.31 2.93 -0.38	35.79 3.12 0.00	36.69 2.94 0.00	40.90 2.55 -10.81	46.35 1.75 -25.59	39.73 2.95 -4.13	117.67 2.62 -89.24	304.88 1.21 -292.42	222.91 5.10 -161.61	175.92 14.05 0.00	130.06 10.76 0.00	44.75 3.22 0.00	38.08 2.84 0.00	38.60 2.63 0.00
KINTIGH_24_KV_GSU 356498	6.49 -0.47 0.82	15.76 -1.66 9.42	12.27 -0.93 1.56	10.58 -1.17 8.72	7.13 -1.06 11.11	16.74 -1.35 5.97	29.66 -2.20 7.78	24.43 -1.69 5.06	20.20 -1.32 5.40	23.03 -1.00 6.74	25.40 -0.97 6.63	25.14 -0.94 6.59	28.89 -1.11 3.74	25.89 -1.27 0.38	17.90 -0.73 0.38	27.81 -1.44 3.40	32.91 -1.26 -8.37	39.31 -0.51 -28.57	65.28 -3.50 -12.57	151.42 -7.13 3.31	113.82 -5.81 -0.34	39.31 -2.22 0.00	33.22 -2.04 -0.02	34.37 -1.61 0.00
KINTIGH____ 23543	6.48 -0.47 0.82	15.78 -1.65 9.42	12.27 -0.92 1.56	10.62 -1.13 8.72	7.16 -1.03 11.11	16.70 -1.39 5.97	29.57 -2.30 7.78	24.43 -1.68 5.06	20.22 -1.29 5.40	22.99 -1.04 6.74	25.35 -1.02 6.63	25.11 -0.97 6.59	28.84 -1.17 3.74	25.88 -1.28 0.38	17.89 -0.74 0.38	27.78 -1.47 3.40	32.90 -1.28 -8.37	39.31 -0.51 -28.57	65.24 -3.53 -12.57	151.47 -7.09 3.31	113.78 -5.85 -0.34	39.29 -2.24 0.00	33.20 -2.07 -0.02	34.36 -1.62 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	7.65 -0.13 0.00	26.41 -0.44 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.89 -0.42 0.00	23.60 -0.45 0.00	37.69 -0.71 1.25	27.96 -0.65 2.57	24.77 -0.51 1.63	30.04 -0.73 0.00	32.01 -0.99 0.00	31.57 -1.10 0.00	17.22 -0.86 15.67	2.76 -0.62 24.16	13.71 -0.60 4.70	28.55 -1.04 3.07	22.23 -0.80 2.78	9.18 -0.34 1.73	55.31 -0.90 0.00	159.43 -2.34 0.09	116.01 -1.86 1.42	41.18 -0.35 0.00	34.86 -0.28 0.09	35.72 -0.26 0.00
LACHUTE____HYDRO 323717	38.61 0.81 -30.02	39.53 2.61 -10.08	35.70 1.34 -19.61	33.76 1.86 -11.42	40.49 1.75 -19.44	32.55 2.37 -6.13	46.73 4.69 -2.39	39.86 3.39 -5.29	35.59 2.71 -5.96	34.20 2.65 -0.78	36.11 2.65 -0.45	34.70 2.03 0.00	35.60 1.85 0.00	42.52 2.23 -12.75	50.89 1.71 -30.17	41.00 3.48 -4.87	134.01 3.05 -105.14	356.97 1.18 -344.53	252.77 6.80 -189.75	181.68 19.82 0.00	133.19 13.90 0.00	46.64 5.11 0.00	39.14 3.90 0.00	39.50 3.52 0.00
LAWRNCV_115KV_TB1 80681	7.90 -0.36 -0.48	25.81 -1.20 -0.16	14.39 -0.67 -0.31	19.67 -0.99 -0.18	18.64 -0.96 -0.31	23.00 -1.15 -0.10	30.78 -1.91 6.96	15.14 -1.68 14.36	16.45 -1.41 9.06	29.42 -1.36 -0.01	31.54 -1.48 -0.01	31.24 -1.43 0.00	281.60 -1.18 -249.03	393.49 -1.42 -367.37	45.53 -1.26 -27.78	13.46 -2.05 17.14	10.22 -1.66 13.92	6.47 -0.61 4.17	56.63 -2.64 -3.06	155.66 -7.65 -1.45	136.19 -4.91 -21.80	40.14 -1.40 -0.01	35.64 -1.05 -1.45	34.86 -1.12 0.00
LEDERLE____ 23769	33.37 0.59 -25.00	37.97 1.84 -9.28	32.34 1.01 -16.58	32.74 1.41 -10.86	38.29 1.29 -17.70	30.94 1.79 -5.09	44.67 3.01 -2.01	38.27 2.64 -4.44	34.19 2.29 -4.98	33.96 2.54 -0.65	36.23 2.85 -0.37	35.67 3.00 0.00	36.66 2.91 0.00	40.67 2.53 -10.61	45.88 1.77 -25.10	39.67 2.97 -4.05	115.91 2.57 -87.53	299.29 1.22 -286.82	220.48 5.58 -158.68	177.56 15.70 0.00	130.90 11.61 0.00	44.97 3.44 0.00	38.05 2.81 0.00	38.63 2.66 0.00
LIGHTHSE_115KV_TB6 355974	9.68 -0.21 -2.11	26.78 -0.77 -0.71	15.70 -0.44 -1.38	20.70 -0.58 -0.80	20.14 -0.53 -1.37	23.84 -0.64 -0.43	34.53 -1.00 4.12	21.82 -0.86 8.49	20.92 -0.79 5.20	29.85 -0.98 -0.06	32.10 -0.94 -0.03	31.89 -0.78 0.00	59.11 -0.56 -25.92	64.55 -0.55 -37.57	17.44 -0.47 1.11	21.43 -0.98 10.23	22.84 -0.94 2.03	29.74 -0.33 -18.82	68.04 -1.47 -13.30	157.71 -4.31 -0.15	119.02 -2.54 -2.27	40.83 -0.70 0.00	34.82 -0.57 -0.15	35.31 -0.66 0.00
LINDEN COGEN____ 23786	33.81 0.60 -25.43	37.18 1.80 -8.54	32.35 1.00 -16.61	31.55 1.40 -9.67	37.03 1.26 -16.46	31.04 1.80 -5.19	44.67 2.97 -2.04	38.38 2.67 -4.53	34.37 2.38 -5.07	34.07 2.64 -0.67	36.33 2.94 -0.38	35.76 3.09 0.00	36.75 3.00 0.00	40.96 2.61 -10.81	46.43 1.82 -25.59	39.81 3.04 -4.13	117.70 2.65 -89.24	304.92 1.25 -292.42	223.40 5.58 -161.61	177.37 15.51 0.00	130.89 11.60 0.00	44.96 3.43 0.00	38.04 2.80 0.00	38.57 2.60 0.00
LINDHRST_69_KV_BK1 356055	55.32 0.72 -46.83	54.05 2.27 -24.93	55.31 1.27 -39.29	53.36 1.79 -31.09	37.31 1.55 -16.46	31.44 2.20 -5.19	45.00 3.30 -2.04	38.50 2.80 -4.53	34.44 2.46 -5.07	34.19 2.75 -0.67	36.61 3.22 -0.38	35.99 3.32 0.00	36.94 3.19 0.00	40.84 2.49 -10.81	43.25 1.68 -22.56	35.88 2.87 -0.37	62.03 2.49 -33.73	84.01 1.30 -71.46	207.94 5.57 -146.16	172.37 15.84 5.34	104.28 11.63 26.64	39.57 3.51 5.47	38.29 3.04 0.00	38.98 3.01 0.00
LIPA_MISC_IPP 23656	53.19 0.62 -44.78	52.17 1.96 -23.37	53.01 1.14 -37.12	51.14 1.62 -29.05	37.18 1.41 -16.46	31.30 2.05 -5.19	44.69 3.00 -2.04	38.22 2.51 -4.53	34.15 2.16 -5.07	33.88 2.44 -0.67	36.26 2.88 -0.38	35.63 2.96 0.00	36.54 2.79 0.00	40.47 2.12 -10.81	42.44 1.40 -22.03	34.81 2.46 0.30	54.54 2.18 -26.55	55.46 1.20 -43.01	204.59 4.94 -143.44	169.74 14.15 6.28	98.37 10.40 31.32	38.14 3.05 6.43	37.94 2.69 0.00	38.64 2.67 0.00

LISF__SOLAR 323691	53.22 0.64 -44.80	52.25 2.02 -23.38	53.05 1.16 -37.15	51.19 1.65 -29.07	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.05 -2.04	38.27 2.57 -4.53	34.19 2.21 -5.07	33.92 2.49 -0.67	36.27 2.89 -0.38	35.62 2.95 0.00	36.54 2.79 0.00	40.47 2.12 -10.81	42.45 1.40 -22.04	34.82 2.46 0.29	54.61 2.17 -26.64	55.81 1.20 -43.36	204.68 5.00 -143.47	170.07 14.48 6.27	98.58 10.56 31.27	38.21 3.11 6.42	38.00 2.76 0.00	38.70 2.72 0.00
LITTLE FALLS__HYD 24013	8.12 0.34 0.00	28.10 1.25 0.00	15.41 0.65 0.00	21.44 0.96 0.00	20.23 0.94 0.00	25.22 1.16 0.00	43.03 2.03 -1.35	34.76 0.80 -2.79	29.22 0.54 -1.76	31.55 0.78 0.00	33.14 0.14 0.00	31.98 -0.69 0.00	38.92 -0.21 -5.38	36.13 0.01 -8.59	22.52 0.34 -3.16	36.77 0.80 -3.32	30.45 1.64 -3.01	13.69 0.57 -1.87	60.20 3.99 0.00	173.24 11.34 -0.03	127.15 7.39 -0.47	43.72 2.19 0.00	37.49 2.22 -0.03	38.18 2.20 0.00
LITTLRIV_115KV_TB1 356100	7.99 -0.29 -0.51	26.05 -0.97 -0.17	14.53 -0.55 -0.33	19.86 -0.81 -0.19	18.85 -0.78 -0.33	23.25 -0.91 -0.10	30.74 -1.48 7.44	14.45 -1.38 15.35	16.02 -1.21 9.68	29.51 -1.28 -0.01	31.58 -1.43 -0.01	31.35 -1.32 0.00	275.61 -0.89 -242.74	384.12 -1.26 -357.84	43.75 -1.25 -25.99	12.36 -1.96 18.33	9.40 -1.51 14.89	6.27 -0.51 4.48	57.43 -2.04 -3.26	157.53 -5.75 -1.41	137.08 -3.47 -21.25	40.62 -0.93 -0.01	35.99 -0.67 -1.41	35.21 -0.76 0.00
LI_NEWBRDGE__DRP 323616	52.02 0.63 -43.61	51.31 1.99 -22.47	51.74 1.11 -35.88	49.91 1.56 -27.88	37.09 1.33 -16.46	31.13 1.88 -5.19	44.53 2.84 -2.04	38.15 2.45 -4.53	34.18 2.19 -5.07	33.94 2.51 -0.67	36.29 2.91 -0.38	35.71 3.04 0.00	36.66 2.91 0.00	40.69 2.34 -10.81	42.36 1.61 -21.74	34.69 2.71 0.66	49.52 2.33 -21.38	35.31 1.20 -22.86	203.24 5.09 -141.94	169.21 14.14 6.79	95.68 10.29 33.89	37.63 3.06 6.96	37.91 2.67 0.00	38.60 2.63 0.00
LOCKPORT_115KV_TB60_63_64 80432	4.94 -0.53 2.30	12.36 -1.86 12.62	11.09 -1.08 2.58	8.27 -1.30 10.92	3.72 -1.15 14.43	13.42 -1.50 9.13	25.46 -2.60 11.59	21.77 -1.85 7.56	17.55 -1.39 7.98	19.65 -1.07 10.06	22.10 -1.02 9.88	21.77 -1.10 9.80	25.10 -1.26 7.39	22.26 -1.45 3.83	16.01 -0.84 2.17	25.75 -1.64 5.26	32.08 -1.67 -7.94	38.46 -0.50 -27.71	62.96 -4.27 -11.01	148.03 -8.97 4.87	112.09 -7.55 -0.34	38.68 -2.85 0.00	32.68 -2.58 -0.02	33.96 -2.01 0.00
LOCKPORT__CC1 323769	4.57 -0.55 2.66	11.66 -1.96 13.23	10.83 -1.13 2.79	7.82 -1.41 11.25	3.06 -1.25 14.99	12.73 -1.55 9.77	24.70 -2.58 12.38	21.11 -1.99 8.08	16.86 -1.57 8.49	18.91 -1.14 10.72	21.38 -1.09 10.53	21.07 -1.15 10.44	24.31 -1.31 8.13	21.47 -1.51 4.56	15.57 -0.88 2.56	25.31 -1.69 5.64	31.87 -1.67 -7.74	37.87 -0.53 -27.15	62.36 -4.32 -10.47	147.45 -9.16 5.25	112.12 -7.51 -0.34	38.70 -2.83 0.00	32.70 -2.57 -0.02	33.98 -1.99 0.00
LOCKPORT__CC2 323770	4.57 -0.55 2.66	11.66 -1.96 13.23	10.83 -1.13 2.79	7.82 -1.41 11.25	3.06 -1.25 14.99	12.73 -1.55 9.77	24.70 -2.58 12.38	21.11 -1.99 8.08	16.86 -1.57 8.49	18.91 -1.14 10.72	21.38 -1.09 10.53	21.07 -1.15 10.44	24.31 -1.31 8.13	21.47 -1.51 4.56	15.57 -0.88 2.56	25.31 -1.69 5.64	31.87 -1.67 -7.74	37.87 -0.53 -27.15	62.36 -4.32 -10.47	147.45 -9.16 5.25	112.12 -7.51 -0.34	38.70 -2.83 0.00	32.70 -2.57 -0.02	33.98 -1.99 0.00
LOCKPORT__CC3 323771	4.57 -0.55 2.66	11.66 -1.96 13.23	10.83 -1.13 2.79	7.82 -1.41 11.25	3.06 -1.25 14.99	12.73 -1.55 9.77	24.70 -2.58 12.38	21.11 -1.99 8.08	16.86 -1.57 8.49	18.91 -1.14 10.72	21.38 -1.09 10.53	21.07 -1.15 10.44	24.31 -1.31 8.13	21.47 -1.51 4.56	15.57 -0.88 2.56	25.31 -1.69 5.64	31.87 -1.67 -7.74	37.87 -0.53 -27.15	62.36 -4.32 -10.47	147.45 -9.16 5.25	112.12 -7.51 -0.34	38.70 -2.83 0.00	32.70 -2.57 -0.02	33.98 -1.99 0.00
LOCUSVLY_69_KV_BK2 55797	61.69 0.69 -53.22	58.86 2.19 -29.83	62.03 1.21 -46.06	59.66 1.70 -37.49	37.25 1.48 -16.46	31.34 2.09 -5.19	44.93 3.24 -2.04	38.50 2.80 -4.53	34.43 2.44 -5.07	34.23 2.79 -0.67	36.67 3.28 -0.38	36.09 3.42 0.00	37.06 3.31 0.00	41.05 2.70 -10.81	44.74 1.87 -23.86	37.79 3.17 -1.97	85.33 2.71 -56.81	175.07 1.35 -162.47	214.76 5.80 -152.75	175.00 16.19 3.06	115.77 11.76 15.27	41.91 3.52 3.14	38.24 3.00 0.00	38.94 2.97 0.00
LONG_LAKE_PHOENIX 24014	9.86 -0.20 -2.28	26.92 -0.69 -0.77	15.85 -0.39 -1.49	20.81 -0.53 -0.87	20.30 -0.48 -1.48	23.92 -0.60 -0.47	38.04 -0.91 0.71	29.07 -0.67 1.44	25.60 -0.60 0.72	30.09 -0.74 -0.06	32.27 -0.77 -0.04	32.02 -0.65 0.00	42.69 -0.62 -9.56	41.87 -0.48 -14.82	20.97 -0.38 -2.34	30.04 -0.76 1.84	31.32 -0.68 -6.20	36.63 -0.29 -25.67	69.04 -1.61 -14.44	157.80 -4.12 -0.06	117.03 -3.10 -0.84	40.40 -1.13 0.00	34.33 -0.97 -0.06	35.02 -0.95 0.00
LOVETT__3 23632	33.43 0.55 -25.09	37.85 1.70 -9.31	32.33 0.94 -16.64	32.66 1.31 -10.88	38.24 1.20 -17.75	30.83 1.66 -5.11	44.44 2.78 -2.01	38.10 2.46 -4.46	34.06 2.14 -5.00	33.79 2.37 -0.66	36.04 2.67 -0.37	35.46 2.79 0.00	36.45 2.70 0.00	40.52 2.33 -10.65	45.84 1.63 -25.20	39.44 2.73 -4.07	116.05 2.37 -87.87	300.31 1.12 -287.94	220.62 5.14 -159.26	176.26 14.40 0.00	129.86 10.57 0.00	44.67 3.14 0.00	37.81 2.57 0.00	38.40 2.43 0.00
LOVETT__4 23642	33.43 0.55 -25.09	37.85 1.70 -9.31	32.33 0.94 -16.64	32.66 1.31 -10.88	38.24 1.20 -17.75	30.83 1.66 -5.11	44.44 2.78 -2.01	38.10 2.46 -4.46	34.06 2.14 -5.00	33.79 2.37 -0.66	36.04 2.67 -0.37	35.46 2.79 0.00	36.45 2.70 0.00	40.52 2.33 -10.65	45.84 1.63 -25.20	39.44 2.73 -4.07	116.05 2.37 -87.87	300.31 1.12 -287.94	220.62 5.14 -159.26	176.26 14.40 0.00	129.86 10.57 0.00	44.67 3.14 0.00	37.81 2.57 0.00	38.40 2.43 0.00
LOVETT__5 23593	33.43 0.55 -25.09	37.85 1.70 -9.31	32.33 0.94 -16.64	32.66 1.31 -10.88	38.24 1.20 -17.75	30.83 1.66 -5.11	44.44 2.78 -2.01	38.10 2.46 -4.46	34.06 2.14 -5.00	33.79 2.37 -0.66	36.04 2.67 -0.37	35.46 2.79 0.00	36.45 2.70 0.00	40.52 2.33 -10.65	45.84 1.63 -25.20	39.44 2.73 -4.07	116.05 2.37 -87.87	300.31 1.12 -287.94	220.62 5.14 -159.26	176.26 14.40 0.00	129.86 10.57 0.00	44.67 3.14 0.00	37.81 2.57 0.00	38.40 2.43 0.00
LOWER RAQUET__HYD 24057	7.90 -0.42 -0.54	25.63 -1.40 -0.18	14.31 -0.79 -0.35	19.55 -1.13 -0.20	18.55 -1.10 -0.35	22.82 -1.34 -0.11	29.53 -2.23 7.89	12.97 -1.93 16.29	15.06 -1.59 10.27	29.22 -1.57 -0.01	31.33 -1.68 -0.01	31.05 -1.62 0.00	269.24 -1.35 -236.84	374.80 -1.61 -348.87	41.90 -1.42 -24.31	10.87 -2.34 19.44	8.11 -1.90 15.80	5.79 -0.70 4.76	56.61 -3.05 -3.45	154.31 -8.93 -1.38	134.29 -5.74 -20.73	39.86 -1.68 -0.01	35.35 -1.27 -1.38	34.61 -1.37 0.00
LOWER__HUDSON 24059	37.77 0.39 -29.61	38.12 1.34 -9.94	34.80 0.71 -19.34	32.72 0.98 -11.26	39.40 0.94 -19.17	31.28 1.19 -6.04	44.01 1.99 -2.36	37.95 1.54 -5.24	34.14 1.34 -5.89	33.08 1.53 -0.77	35.15 1.70 -0.44	34.20 1.53 0.00	35.13 1.39 0.00	41.43 1.32 -12.58	49.73 0.96 -29.76	39.17 1.73 -4.80	130.93 1.41 -103.71	351.63 0.56 -339.82	246.45 3.08 -187.15	169.87 8.00 0.00	125.05 5.76 0.00	43.62 2.09 0.00	37.03 1.79 0.00	37.74 1.76 0.00

LOWVILLE_115KV_TB2 356335	8.60 -0.41 -1.23	25.84 -1.42 -0.41	14.76 -0.79 -0.80	19.82 -1.12 -0.47	19.08 -1.02 -0.80	23.15 -1.15 -0.25	68.14 -1.69 -30.18	91.89 -1.62 -62.33	65.00 -1.50 -39.58	28.72 -2.08 -0.03	31.01 -2.01 -0.02	30.88 -1.79 0.00	107.33 -1.20 -74.77	151.21 -1.23 -124.90	82.74 -1.04 -64.76	105.29 -1.58 -74.22	95.68 -1.62 -71.49	66.87 -0.46 -56.08	62.28 -1.81 -7.88	156.93 -5.37 -0.43	124.35 -1.49 -6.55	41.56 0.03 0.00	35.86 0.19 -0.43	35.88 -0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	38.24 0.47 -29.99	38.50 1.58 -10.07	35.19 0.85 -19.59	33.06 1.18 -11.41	39.84 1.12 -19.42	31.61 1.44 -6.12	44.76 2.72 -2.38	38.58 2.12 -5.28	34.53 1.67 -5.94	33.55 2.00 -0.78	35.60 2.15 -0.44	34.34 1.67 0.00	35.32 1.58 0.00	41.81 1.57 -12.70	50.23 1.17 -30.05	39.65 2.15 -4.85	132.28 1.75 -104.72	355.15 0.75 -343.14	249.14 3.94 -188.99	172.50 10.64 0.00	126.98 7.69 0.00	44.30 2.77 0.00	37.52 2.27 0.00	38.22 2.24 0.00
LUTHERNY_35_KV_BK2 355980	38.25 0.48 -29.99	38.53 1.62 -10.07	35.20 0.86 -19.59	33.09 1.20 -11.41	39.87 1.15 -19.42	31.65 1.48 -6.12	44.81 2.78 -2.38	38.62 2.16 -5.28	34.57 1.71 -5.94	33.60 2.05 -0.78	35.64 2.19 -0.44	34.39 1.72 0.00	35.37 1.62 0.00	41.84 1.60 -12.70	50.25 1.19 -30.05	39.70 2.20 -4.85	132.32 1.79 -104.72	355.17 0.77 -343.14	249.22 4.02 -188.99	172.59 10.73 0.00	127.11 7.82 0.00	44.33 2.80 0.00	37.55 2.31 0.00	38.25 2.27 0.00
LWR___OSWEGATCHIE_HYD 23850	8.20 -0.49 -0.90	25.49 -1.66 -0.31	14.41 -0.93 -0.59	19.49 -1.33 -0.34	18.63 -1.25 -0.59	22.76 -1.48 -0.18	23.77 -2.36 13.52	1.16 -2.12 27.90	7.48 -1.84 17.59	28.66 -2.13 -0.02	30.86 -2.16 -0.01	30.69 -1.98 0.00	195.52 -1.55 -163.32	263.13 -1.65 -237.25	20.95 -1.43 -3.36	-3.01 -2.36 33.30	-3.41 -2.10 27.12	2.16 -0.75 8.34	58.91 -3.12 -5.81	153.60 -9.22 -0.95	128.39 -5.20 -14.30	40.19 -1.35 -0.01	35.28 -0.91 -0.95	34.86 -1.12 0.00
LYONS_FALL_HYD 23570	8.77 -0.21 -1.21	26.51 -0.74 -0.41	15.12 -0.42 -0.79	20.35 -0.59 -0.46	19.55 -0.53 -0.78	23.75 -0.55 -0.24	39.01 -0.74 -0.09	30.61 -0.78 -0.21	26.39 -0.77 -0.24	29.57 -1.23 -0.03	31.86 -1.16 -0.02	31.64 -1.03 0.00	87.49 -0.53 -54.28	108.19 -0.57 -81.22	28.26 -0.56 -9.81	32.10 -0.75 -0.20	29.20 -0.90 -4.28	25.13 -0.16 -14.04	63.39 -0.56 -7.74	160.55 -1.63 -0.32	124.55 0.51 -4.75	42.03 0.50 0.00	36.07 0.52 -0.32	36.27 0.29 0.00
MADISON___COUNTY_LFGE 323628	9.65 0.12 -1.74	27.83 0.40 -0.59	16.10 0.21 -1.14	21.43 0.29 -0.66	20.73 0.30 -1.13	24.84 0.42 -0.36	44.47 0.85 -3.97	40.00 0.61 -8.21	32.69 0.42 -5.35	31.01 0.19 -0.05	33.26 0.23 -0.03	32.89 0.22 0.00	51.64 0.52 -17.36	56.31 0.53 -28.25	30.36 0.24 -11.10	43.01 0.65 -9.71	40.81 0.30 -14.70	37.09 0.33 -25.51	68.75 1.41 -11.13	166.52 4.55 -0.10	124.41 3.59 -1.52	42.72 1.19 0.00	36.35 1.01 -0.10	36.90 0.93 0.00
MALONE___115KV_TB1 356076	7.61 -0.16 0.00	26.28 -0.56 0.00	14.43 -0.32 0.00	19.97 -0.50 0.00	18.79 -0.51 0.00	23.47 -0.59 0.00	37.47 -0.93 1.25	27.80 -0.81 2.57	24.61 -0.68 1.63	29.97 -0.80 0.00	31.92 -1.08 0.00	31.60 -1.08 0.00	17.19 -0.89 15.67	2.59 -0.79 24.16	13.63 -0.68 4.70	28.31 -1.26 3.07	22.10 -0.93 2.78	9.18 -0.34 1.73	55.07 -1.14 0.00	158.53 -3.24 0.09	115.57 -2.30 1.42	40.98 -0.54 0.00	34.70 -0.44 0.09	35.55 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	37.56 0.36 -29.42	37.93 1.21 -9.88	34.61 0.65 -19.22	32.58 0.91 -11.19	39.19 0.84 -19.05	31.12 1.06 -6.00	43.72 1.72 -2.35	37.72 1.34 -5.21	33.97 1.20 -5.86	32.93 1.39 -0.77	34.98 1.54 -0.44	34.09 1.42 0.00	35.09 1.34 0.00	41.32 1.27 -12.51	49.53 0.91 -29.60	39.06 1.64 -4.78	130.30 1.33 -103.16	349.84 0.56 -338.03	245.22 2.84 -186.16	169.24 7.37 0.00	124.57 5.28 0.00	43.40 1.87 0.00	36.84 1.60 0.00	37.54 1.56 0.00
MAPLE_RIDGE_WT_1 323574	7.60 -0.18 0.00	26.21 -0.64 0.00	14.43 -0.33 0.00	20.01 -0.46 0.00	18.91 -0.39 0.00	23.52 -0.54 0.00	38.69 -0.96 0.00	30.43 -0.75 0.00	26.25 -0.66 0.00	29.99 -0.78 0.00	32.09 -0.91 0.00	31.72 -0.95 0.00	28.06 -0.82 4.86	19.48 -0.72 7.33	17.79 -0.43 0.80	31.92 -0.73 0.00	25.19 -0.61 0.00	11.02 -0.23 0.00	55.31 -0.90 0.00	159.34 -2.49 0.03	117.62 -1.22 0.44	41.29 -0.24 0.00	35.10 -0.11 0.03	35.85 -0.12 0.00
MAPLE_RIDGE_WT_2 323611	7.60 -0.18 0.00	26.21 -0.64 0.00	14.43 -0.33 0.00	20.01 -0.46 0.00	18.91 -0.39 0.00	23.52 -0.54 0.00	38.69 -0.96 0.00	30.43 -0.75 0.00	26.25 -0.66 0.00	29.99 -0.78 0.00	32.09 -0.91 0.00	31.72 -0.95 0.00	28.06 -0.82 4.86	19.48 -0.72 7.33	17.79 -0.43 0.80	31.92 -0.73 0.00	25.19 -0.61 0.00	11.02 -0.23 0.00	55.31 -0.90 0.00	159.34 -2.49 0.03	117.62 -1.22 0.44	41.29 -0.24 0.00	35.10 -0.11 0.03	35.85 -0.12 0.00
MARBLE_RIVER_WT_PWR 323696	7.57 -0.21 0.00	26.16 -0.69 0.00	14.36 -0.39 0.00	19.88 -0.60 0.00	18.71 -0.59 0.00	23.33 -0.73 0.00	37.19 -1.22 1.25	27.54 -1.06 2.57	24.44 -0.84 1.63	29.74 -1.04 0.00	31.74 -1.27 0.00	31.34 -1.33 0.00	16.90 -1.19 15.67	2.37 -1.01 24.16	13.47 -0.84 4.70	28.20 -1.38 3.07	21.94 -1.09 2.78	9.08 -0.44 1.73	54.61 -1.60 0.00	156.99 -4.78 0.09	114.39 -3.47 1.42	40.61 -0.92 0.00	34.44 -0.71 0.09	35.33 -0.64 0.00
MARSHVLE_115KV_TB1 80742	41.55 0.25 -33.51	39.94 0.93 -12.17	37.43 0.52 -22.15	35.35 0.73 -14.15	43.30 0.73 -23.26	31.86 0.97 -6.83	44.20 1.97 -2.58	37.97 0.98 -5.81	34.21 0.46 -6.84	32.22 0.57 -0.88	33.65 0.15 -0.50	32.51 -0.16 0.00	33.91 0.17 0.00	41.82 0.05 -14.23	52.99 0.30 -33.68	38.69 0.60 -5.44	144.06 0.69 -117.56	396.98 0.53 -385.20	271.08 2.31 -212.55	169.67 7.80 0.00	125.30 6.01 0.00	43.34 1.81 0.00	36.91 1.67 0.00	37.67 1.69 0.00
MARSH_HILL_WT_PWR 323713	41.05 -0.65 -33.92	56.58 -2.69 -32.42	28.60 -1.48 -15.33	19.26 -2.10 -0.88	35.10 -1.90 -17.69	76.80 -2.07 -54.81	101.62 -3.67 -65.64	75.99 -3.61 -48.42	68.02 -3.03 -44.13	84.14 -3.14 -56.51	84.18 -3.26 -54.43	83.56 -2.74 -53.63	96.96 -2.55 -65.76	94.27 -2.06 -68.80	57.55 -1.45 -39.99	62.32 -3.01 -32.69	63.36 -1.74 -39.29	129.83 -0.79 -119.37	130.01 -2.85 -76.65	184.46 -0.22 -22.82	119.51 -0.13 -0.35	41.32 -0.20 0.00	34.83 -0.43 -0.02	35.97 -0.01 0.00
MCINTYRE_115KV_TB2 80467	8.07 -0.17 -0.46	26.47 -0.53 -0.15	14.75 -0.30 -0.30	20.19 -0.46 -0.17	19.17 -0.43 -0.30	23.66 -0.48 -0.09	32.16 -0.78 6.71	16.48 -0.84 13.85	17.35 -0.83 8.74	29.84 -0.95 -0.01	31.89 -1.12 -0.01	31.65 -1.03 0.00	285.52 -0.47 -252.24	398.87 -0.92 -372.25	46.67 -1.04 -28.70	14.57 -1.54 16.54	11.28 -1.10 13.43	6.94 -0.30 4.01	58.13 -1.04 -2.96	160.58 -2.75 -1.47	140.13 -1.25 -22.08	41.32 -0.22 -0.01	36.61 -0.10 -1.47	35.79 -0.19 0.00
MECO____69_KV_BK1 80468	40.34 0.40 -32.16	39.03 1.39 -10.80	36.52 0.76 -21.00	33.77 1.06 -12.24	41.17 1.04 -20.82	31.99 1.38 -6.56	44.71 2.55 -2.51	38.23 1.41 -5.64	34.40 0.92 -6.56	32.79 1.17 -0.84	34.10 0.62 -0.48	32.51 -0.16 0.00	33.93 0.18 0.00	41.40 0.17 -13.68	52.04 0.65 -32.38	39.14 1.26 -5.23	139.79 1.03 -112.96	382.11 0.74 -370.12	263.87 3.46 -204.20	172.25 10.39 0.00	127.35 8.06 0.00	44.10 2.57 0.00	37.42 2.18 0.00	38.13 2.15 0.00

MENANDS___115KV_TB5 355628	37.47 0.32 -29.37	37.81 1.10 -9.86	34.52 0.59 -19.18	32.47 0.82 -11.18	39.08 0.76 -19.02	31.01 0.96 -5.99	43.54 1.54 -2.35	37.59 1.21 -5.20	33.86 1.09 -5.85	32.80 1.27 -0.77	34.87 1.42 -0.44	34.02 1.35 0.00	35.00 1.25 0.00	41.20 1.18 -12.49	49.41 0.85 -29.55	38.92 1.51 -4.77	130.01 1.21 -102.99	349.22 0.50 -337.47	244.62 2.55 -185.85	168.28 6.41 0.00	123.91 4.62 0.00	43.17 1.64 0.00	36.66 1.42 0.00	37.37 1.39 0.00
MG INDUSTRY___DRP 24185	36.97 0.30 -28.89	37.59 1.04 -9.70	34.18 0.56 -18.87	32.25 0.78 -10.99	38.74 0.73 -18.71	30.85 0.90 -5.90	43.40 1.43 -2.31	37.36 1.05 -5.13	33.55 0.88 -5.75	32.55 1.02 -0.76	34.50 1.06 -0.43	33.69 1.02 0.00	34.67 0.92 0.00	40.73 0.91 -12.29	48.72 0.64 -29.07	38.50 1.17 -4.69	128.14 1.01 -101.32	343.68 0.44 -331.99	241.50 2.25 -183.04	167.76 5.90 0.00	123.50 4.21 0.00	42.99 1.46 0.00	36.52 1.28 0.00	37.24 1.26 0.00
MID___OSWEGATCHIE_HYD 23849	8.20 -0.49 -0.90	25.49 -1.66 -0.31	14.41 -0.93 -0.59	19.49 -1.33 -0.34	18.63 -1.25 -0.59	22.76 -1.48 -0.18	23.77 -2.36 13.52	1.16 -2.12 27.90	7.48 -1.84 17.59	28.66 -2.13 -0.02	30.86 -2.16 -0.01	30.69 -1.98 0.00	195.52 -1.55 -163.32	263.13 -1.65 -237.25	20.95 -1.43 -3.36	-3.01 -2.36 33.30	-3.41 -2.10 27.12	2.16 -0.75 8.34	58.91 -3.12 -5.81	153.60 -9.22 -0.95	128.39 -5.20 -14.30	40.19 -1.35 -0.01	35.28 -0.91 -0.95	34.86 -1.12 0.00
MID___RAQUETTE_HYD 23851	7.90 -0.42 -0.54	25.63 -1.40 -0.18	14.30 -0.80 -0.35	19.53 -1.15 -0.20	18.52 -1.13 -0.35	22.82 -1.35 -0.11	29.53 -2.23 7.89	12.96 -1.93 16.29	15.04 -1.61 10.27	29.22 -1.57 -0.01	31.34 -1.68 -0.01	31.05 -1.62 0.00	269.24 -1.35 -236.84	374.80 -1.61 -348.87	41.89 -1.43 -24.31	10.87 -2.34 19.44	8.11 -1.90 15.80	5.79 -0.70 4.76	56.61 -3.06 -3.45	154.31 -8.93 -1.38	134.29 -5.74 -20.73	39.86 -1.68 -0.01	35.35 -1.27 -1.38	34.61 -1.37 0.00
MILLIKEN___1 23584	15.25 0.10 -7.37	29.41 0.33 -2.23	18.82 0.17 -3.89	20.25 0.25 0.48	21.27 0.27 -1.70	29.13 0.39 -4.69	45.24 0.79 -4.80	35.39 0.60 -3.61	30.63 0.34 -3.37	34.81 0.23 -3.81	36.82 0.15 -3.67	36.45 0.24 -3.54	43.19 0.41 -9.03	41.79 0.49 -13.75	28.06 0.37 -8.68	36.13 0.47 -3.01	47.54 0.41 -21.33	80.70 0.18 -69.27	95.42 1.09 -38.12	168.50 4.91 -1.72	122.93 3.21 -0.43	42.43 0.90 0.00	35.94 0.67 -0.03	36.70 0.72 0.00
MILLIKEN___2 23585	15.25 0.10 -7.37	29.41 0.33 -2.23	18.82 0.17 -3.89	20.25 0.25 0.48	21.27 0.27 -1.70	29.13 0.39 -4.69	45.24 0.79 -4.80	35.39 0.60 -3.61	30.63 0.34 -3.37	34.81 0.23 -3.81	36.82 0.15 -3.67	36.45 0.24 -3.54	43.19 0.41 -9.03	41.79 0.49 -13.75	28.06 0.37 -8.68	36.13 0.47 -3.01	47.54 0.41 -21.33	80.70 0.18 -69.27	95.42 1.09 -38.12	168.50 4.91 -1.72	122.93 3.21 -0.43	42.43 0.90 0.00	35.94 0.67 -0.03	36.70 0.72 0.00
MILLIKEN___DIESEL 23629	15.25 0.10 -7.37	29.41 0.33 -2.23	18.82 0.17 -3.89	20.25 0.25 0.48	21.27 0.27 -1.70	29.13 0.39 -4.69	45.24 0.79 -4.80	35.39 0.60 -3.61	30.63 0.34 -3.37	34.81 0.23 -3.81	36.82 0.15 -3.67	36.45 0.24 -3.54	43.19 0.41 -9.03	41.79 0.49 -13.75	28.06 0.37 -8.68	36.13 0.47 -3.01	47.54 0.41 -21.33	80.70 0.18 -69.27	95.42 1.09 -38.12	168.50 4.91 -1.72	122.93 3.21 -0.43	42.43 0.90 0.00	35.94 0.67 -0.03	36.70 0.72 0.00
MILLSEAT___LFGE 323607	5.96 -0.37 1.45	14.52 -1.35 10.97	11.92 -0.81 2.03	9.63 -0.96 9.88	5.68 -0.83 12.80	15.61 -0.98 7.47	28.55 -1.54 9.56	23.75 -1.20 6.23	19.29 -0.98 6.64	21.90 -0.55 8.32	24.49 -0.34 8.18	24.04 -0.51 8.12	27.78 -0.54 5.43	24.48 -1.13 1.93	17.19 -0.65 1.18	27.24 -1.12 4.28	33.03 -1.11 -8.33	39.71 -0.24 -28.70	65.62 -2.71 -12.12	153.01 -4.83 4.02	115.34 -4.30 -0.35	39.74 -1.79 0.00	33.51 -1.76 -0.02	34.73 -1.25 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.70 0.57 -25.36	37.11 1.75 -8.51	32.27 0.96 -16.56	31.47 1.34 -9.65	36.94 1.22 -16.42	30.94 1.71 -5.17	44.54 2.85 -2.04	38.21 2.51 -4.52	34.18 2.21 -5.06	33.88 2.45 -0.66	36.13 2.75 -0.38	35.55 2.88 0.00	36.52 2.77 0.00	40.70 2.38 -10.78	46.19 1.66 -25.52	39.56 2.79 -4.12	117.23 2.43 -88.99	304.02 1.16 -291.61	222.66 5.26 -161.19	176.54 14.68 0.00	130.03 10.74 0.00	44.75 3.22 0.00	37.89 2.64 0.00	38.47 2.50 0.00
MILLWOOD_13_KV_LOAD 356217	33.72 0.58 -25.36	37.15 1.79 -8.51	32.29 0.98 -16.56	31.50 1.38 -9.65	36.97 1.25 -16.42	30.98 1.75 -5.17	44.62 2.93 -2.04	38.26 2.57 -4.52	34.23 2.26 -5.06	33.93 2.49 -0.66	36.18 2.79 -0.38	35.59 2.92 0.00	36.55 2.80 0.00	40.74 2.41 -10.78	46.22 1.69 -25.52	39.62 2.85 -4.12	117.29 2.48 -88.99	304.04 1.18 -291.61	222.79 5.39 -161.19	176.91 15.05 0.00	130.31 11.02 0.00	44.84 3.31 0.00	37.96 2.72 0.00	38.54 2.56 0.00
MODEL_CITY_ENERGY 24167	4.61 -0.59 2.58	11.50 -2.11 13.23	10.74 -1.24 2.77	7.61 -1.53 11.34	2.88 -1.35 15.07	12.65 -1.63 9.77	24.50 -2.77 12.38	20.96 -2.13 8.09	16.69 -1.71 8.51	18.79 -1.25 10.73	21.25 -1.22 10.54	20.92 -1.30 10.45	24.16 -1.45 8.15	21.36 -1.62 4.56	15.53 -0.95 2.53	25.17 -1.84 5.64	31.70 -1.94 -7.84	38.14 -0.59 -27.49	61.99 -4.90 -10.68	145.45 -11.25 5.17	110.50 -9.13 -0.34	38.16 -3.37 0.00	32.26 -3.01 -0.02	33.58 -2.40 0.00
MODERN_LFGE___ 323580	4.61 -0.59 2.58	11.50 -2.11 13.23	10.74 -1.24 2.77	7.61 -1.53 11.34	2.88 -1.35 15.07	12.65 -1.63 9.77	24.50 -2.77 12.38	20.96 -2.13 8.09	16.69 -1.71 8.51	18.79 -1.25 10.73	21.25 -1.22 10.54	20.92 -1.30 10.45	24.16 -1.45 8.15	21.36 -1.62 4.56	15.53 -0.95 2.53	25.17 -1.84 5.64	31.70 -1.94 -7.84	38.14 -0.59 -27.49	61.99 -4.90 -10.68	145.45 -11.25 5.17	110.50 -9.13 -0.34	38.16 -3.37 0.00	32.26 -3.01 -0.02	33.58 -2.40 0.00
MOHAWK_PAPER___DRP 24187	37.56 0.36 -29.42	37.93 1.21 -9.88	34.61 0.65 -19.22	32.58 0.91 -11.19	39.19 0.84 -19.05	31.12 1.06 -6.00	43.72 1.72 -2.35	37.72 1.34 -5.21	33.97 1.20 -5.86	32.93 1.39 -0.77	34.98 1.54 -0.44	34.09 1.42 0.00	35.09 1.34 0.00	41.32 1.27 -12.51	49.53 0.91 -29.60	39.06 1.64 -4.78	130.30 1.33 -103.16	349.84 0.56 -338.03	245.22 2.84 -186.16	169.24 7.37 0.00	124.57 5.28 0.00	43.40 1.87 0.00	36.84 1.60 0.00	37.54 1.56 0.00
MOHICAN___35_KV_115KV_LD 80490	38.37 0.58 -30.01	38.84 1.92 -10.08	35.36 1.01 -19.60	33.30 1.40 -11.42	40.08 1.35 -19.43	31.93 1.76 -6.12	45.39 3.35 -2.39	39.02 2.55 -5.29	34.86 1.98 -5.96	33.84 2.28 -0.78	35.85 2.40 -0.45	34.41 1.74 0.00	35.37 1.63 0.00	42.01 1.73 -12.74	50.47 1.30 -30.16	39.97 2.46 -4.87	132.95 2.05 -105.09	356.49 0.88 -344.36	250.49 4.61 -189.66	174.67 12.81 0.00	128.43 9.14 0.00	44.93 3.40 0.00	37.94 2.70 0.00	38.58 2.61 0.00
MONGAUP___HYD 23641	32.49 0.49 -24.22	37.50 1.58 -9.08	31.74 0.90 -16.09	32.33 1.21 -10.65	37.69 1.10 -17.30	30.50 1.52 -4.93	44.17 2.57 -1.94	37.74 2.20 -4.37	33.57 1.65 -5.00	33.24 1.84 -0.63	35.41 2.04 -0.36	34.81 2.14 0.00	35.76 2.02 0.00	39.59 1.77 -10.27	44.56 1.24 -24.31	38.68 2.11 -3.92	112.48 1.87 -84.81	290.13 0.98 -277.89	214.78 4.61 -153.96	175.35 13.48 0.00	129.51 10.22 0.00	44.61 3.08 0.00	37.74 2.50 0.00	38.29 2.32 0.00

MONTAUK___DIESEL 23721	52.99 0.41 -44.79	51.40 1.18 -23.37	52.59 0.70 -37.13	50.55 1.02 -29.06	36.62 0.85 -16.46	30.64 1.39 -5.19	43.65 1.96 -2.04	37.38 1.68 -4.53	33.39 1.40 -5.07	32.91 1.47 -0.67	35.30 1.91 -0.38	34.60 1.93 0.00	35.45 1.70 0.00	39.66 1.31 -10.81	41.93 0.88 -22.03	34.00 1.65 0.29	54.00 1.61 -26.58	55.20 0.82 -43.13	203.73 4.07 -143.45	167.50 11.90 6.27	96.62 8.63 31.30	37.41 2.30 6.43	37.15 1.91 0.00	37.73 1.76 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	3.41 -0.57 3.79	7.90 -2.11 16.83	9.60 -1.33 3.82	4.55 -1.51 14.41	-1.37 -1.44 19.23	9.91 -1.95 12.20	21.31 -2.92 15.42	19.17 -1.86 10.14	14.49 -1.77 10.65	15.87 -1.56 13.33	18.45 -1.50 13.06	18.48 -1.26 12.94	21.63 -1.07 11.05	19.07 -1.19 7.27	14.73 -0.53 3.75	24.17 -1.41 7.06	33.00 -0.92 -8.10	39.56 -0.48 -28.79	65.54 -1.93 -11.26	159.30 2.32 4.89	120.58 0.94 -0.34	41.26 -0.27 0.00	34.67 -0.59 -0.02	35.91 -0.06 0.00
MORRIS_RIDGE___SOLAR 323848	-20.13 -0.57 27.34	-28.63 -2.28 53.20	-3.48 -1.24 16.99	-12.35 -1.71 31.12	-32.87 -1.55 50.62	-33.14 -1.74 55.45	-31.11 -2.91 67.85	-36.25 -2.85 64.58	-33.62 -2.32 58.20	-30.69 -2.27 59.19	-26.21 -2.31 56.90	-25.54 -2.00 56.20	-28.94 -1.85 60.85	-30.18 -1.71 56.01	-12.99 -1.10 30.90	-2.36 -2.32 32.68	16.34 -1.63 7.85	-5.24 -0.61 15.88	23.14 -2.99 30.09	126.40 -2.84 32.63	117.33 -2.30 -0.34	40.45 -1.08 0.00	34.11 -1.16 -0.02	35.27 -0.71 0.00
MORTIMER_115KV_TB3 55949	10.22 -0.28 -2.72	22.62 -0.98 3.24	14.79 -0.56 -0.59	14.56 -0.67 5.24	13.42 -0.60 5.28	23.87 -0.80 -0.61	38.65 -1.23 -0.23	30.96 -0.88 -0.66	26.38 -0.66 -0.13	30.49 -0.41 -0.14	32.69 -0.36 -0.05	32.34 -0.34 0.00	37.30 -0.47 -4.02	34.08 -0.72 -7.25	22.33 -0.36 -3.67	32.43 -0.71 -0.49	35.59 -0.65 -10.44	45.23 -0.22 -34.20	72.13 -1.89 -17.81	158.60 -3.29 -0.02	116.72 -2.92 -0.35	40.31 -1.22 0.00	34.08 -1.19 -0.02	35.06 -0.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.82 0.61 -25.43	37.26 1.88 -8.54	32.40 1.04 -16.61	31.61 1.46 -9.67	37.08 1.31 -16.46	31.11 1.86 -5.19	44.77 3.07 -2.04	38.44 2.73 -4.53	34.41 2.43 -5.07	34.13 2.70 -0.67	36.41 3.03 -0.38	35.85 3.18 0.00	36.82 3.07 0.00	40.98 2.63 -10.81	46.44 1.83 -25.59	39.86 3.08 -4.13	117.73 2.67 -89.24	304.94 1.27 -292.43	223.48 5.66 -161.61	177.58 15.72 0.00	130.94 11.65 0.00	45.03 3.50 0.00	38.13 2.89 0.00	38.68 2.71 0.00
MUNSVILLE_WIND_PWR 323609	19.19 0.17 -11.24	34.22 0.64 -6.73	22.74 0.37 -7.62	27.80 0.52 -6.81	30.37 0.55 -10.53	29.21 0.76 -4.39	44.95 1.55 -3.75	35.90 1.12 -3.60	31.65 0.65 -4.08	33.34 -0.14 -2.71	35.19 -0.37 -2.55	34.54 -0.50 -2.37	36.27 -0.20 -2.73	34.45 0.04 -6.87	31.04 0.59 -11.43	36.32 0.66 -3.01	66.85 1.56 -39.48	141.23 1.01 -128.96	133.02 5.05 -71.75	180.73 17.72 -1.14	131.05 11.76 0.00	45.01 3.48 0.00	38.22 2.98 0.00	39.02 3.04 0.00
N SALMON___HYD 24042	7.61 -0.16 0.00	26.28 -0.56 0.00	14.43 -0.32 0.00	19.99 -0.48 0.00	18.80 -0.50 0.00	23.47 -0.59 0.00	37.47 -0.93 1.25	27.80 -0.80 2.57	24.63 -0.66 1.63	29.97 -0.80 0.00	31.92 -1.08 0.00	31.60 -1.07 0.00	17.19 -0.89 15.67	2.59 -0.79 24.16	13.64 -0.67 4.70	28.32 -1.26 3.07	22.10 -0.93 2.78	9.18 -0.34 1.73	55.07 -1.14 0.00	158.53 -3.24 0.09	115.56 -2.30 1.42	40.98 -0.54 0.00	34.71 -0.44 0.09	35.55 -0.43 0.00
N.AKRON__115KV_KNAPP 355671	5.58 -0.41 1.79	13.76 -1.46 11.63	11.65 -0.85 2.24	9.19 -0.99 10.29	4.99 -0.87 13.44	14.80 -1.12 8.13	27.41 -1.88 10.36	23.11 -1.32 6.76	18.78 -0.97 7.17	21.13 -0.63 9.01	23.65 -0.50 8.86	23.25 -0.64 8.79	26.82 -0.73 6.21	23.68 -1.18 2.68	16.79 -0.66 1.57	26.77 -1.21 4.67	32.75 -1.23 -8.18	39.27 -0.29 -28.31	64.76 -3.13 -11.69	151.76 -5.74 4.36	114.47 -5.16 -0.34	39.46 -2.07 0.00	33.30 -1.97 -0.02	34.56 -1.42 0.00
N.BELMOR_69_KV_BK1 55787	59.93 0.70 -51.46	57.53 2.20 -28.48	60.17 1.22 -44.20	57.92 1.72 -35.73	37.26 1.49 -16.46	31.34 2.09 -5.19	44.92 3.23 -2.04	38.46 2.75 -4.53	34.43 2.44 -5.07	34.18 2.74 -0.67	36.56 3.17 -0.38	35.96 3.29 0.00	36.92 3.17 0.00	40.90 2.54 -10.81	44.50 1.75 -23.74	37.40 2.93 -1.83	78.99 2.52 -50.66	150.69 1.29 -138.15	213.95 5.58 -152.16	174.34 15.74 3.27	114.53 11.53 16.29	41.64 3.46 3.34	38.23 2.99 0.00	38.91 2.94 0.00
N.E_GEN_SANDY PD 24062	45.61 0.46 -37.37	49.34 1.52 -20.98	42.43 0.81 -26.87	40.22 1.12 -18.63	40.02 1.05 -19.68	46.78 1.34 -21.39	52.39 2.15 -10.58	39.91 1.72 -7.02	39.72 1.57 -11.23	36.35 1.79 -3.79	46.54 2.03 -11.50	35.67 2.02 -0.99	35.56 1.81 0.00	41.01 1.63 -11.84	49.26 1.14 -29.11	39.26 2.01 -4.61	125.17 1.66 -97.70	318.92 0.65 -307.02	237.92 3.55 -178.16	170.96 9.09 0.00	122.81 6.54 3.01	53.30 2.30 -9.46	38.85 1.98 -1.63	44.49 1.94 -6.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.38 0.57 -25.04	37.90 1.76 -9.29	32.32 0.97 -16.60	32.70 1.35 -10.86	38.25 1.23 -17.71	30.87 1.72 -5.10	44.53 2.88 -2.01	38.15 2.53 -4.45	34.10 2.20 -4.98	33.85 2.42 -0.65	36.11 2.74 -0.37	35.55 2.88 0.00	36.53 2.78 0.00	40.57 2.41 -10.62	45.84 1.69 -25.14	39.54 2.84 -4.06	115.94 2.47 -87.67	299.68 1.17 -287.26	220.48 5.36 -158.91	176.89 15.03 0.00	130.31 11.01 0.00	44.80 3.27 0.00	37.92 2.68 0.00	38.51 2.54 0.00
N.QUEENS_27_KV_LOAD 356247	33.83 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.55 1.40 -9.67	37.03 1.27 -16.46	31.09 1.84 -5.19	44.72 3.02 -2.04	38.64 2.93 -4.53	34.59 2.60 -5.07	34.32 2.88 -0.67	36.59 3.21 -0.38	36.06 3.39 0.00	36.93 3.18 0.00	41.13 2.78 -10.81	46.53 1.93 -25.59	40.08 3.30 -4.13	117.85 2.80 -89.24	305.00 1.33 -292.42	223.46 5.64 -161.61	177.64 15.78 0.00	130.93 11.65 0.01	45.06 3.53 0.01	38.22 2.97 0.00	38.65 2.67 0.00
N.TROY___115KV_TB1 355778	37.77 0.39 -29.61	38.12 1.33 -9.94	34.80 0.71 -19.34	32.73 0.99 -11.26	39.40 0.94 -19.17	31.29 1.19 -6.04	44.02 2.00 -2.36	37.95 1.53 -5.24	34.15 1.34 -5.89	33.08 1.54 -0.77	35.16 1.71 -0.44	34.20 1.53 0.00	35.13 1.39 0.00	41.43 1.32 -12.58	49.73 0.96 -29.76	39.17 1.73 -4.80	130.93 1.42 -103.71	351.64 0.57 -339.82	246.46 3.10 -187.15	169.87 8.01 0.00	125.05 5.76 0.00	43.63 2.10 0.00	37.03 1.79 0.00	37.74 1.76 0.00
NARROWS_GT1_1 24228	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
NARROWS_GT1_2 24229	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00

NARROWS_GT1_3 24230	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT1_4 24231	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT1_5 24232	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT1_6 24233	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT1_7 24234	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT1_8 24235	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_1 24236	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_2 24237	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_3 24238	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_4 24239	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_5 24240	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_6 24241	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_7 24242	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NARROWS_GT2_8 24243	33.87	37.42	32.50	31.73	37.20	31.23	44.94	38.66	34.55	34.24	36.49	35.98	36.99	41.17	46.56	40.06	117.89	305.03	223.83	178.74	132.00	45.38	38.38	38.91
	0.67	2.04	1.14	1.58	1.43	1.99	3.24	2.95	2.56	2.80	3.11	3.31	3.24	2.82	1.96	3.28	2.84	1.36	6.01	16.88	12.70	3.85	3.14	2.94
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	36.50	37.72	33.97	32.27	38.59	31.06	44.02	37.81	33.77	32.85	34.82	33.95	34.90	40.70	48.34	38.75	126.39	337.45	238.89	171.19	126.02	43.79	37.12	37.79
	0.40	1.37	0.72	1.02	0.95	1.23	2.10	1.61	1.22	1.33	1.39	1.28	1.15	1.12	0.82	1.51	1.24	0.67	3.42	9.33	6.73	2.26	1.88	1.82
	-28.32	-9.51	-18.50	-10.77	-18.34	-5.78	-2.27	-5.03	-5.64	-0.74	-0.42	0.00	0.00	-12.04	-28.50	-4.60	-99.35	-325.53	-179.26	0.00	0.00	0.00	0.00	0.00

NCHELSEA_115KV_TR2 355582	34.33 0.63 -25.92	37.54 1.99 -8.70	32.76 1.08 -16.93	31.84 1.51 -9.86	37.47 1.38 -16.78	31.23 1.89 -5.29	44.93 3.20 -2.08	38.57 2.78 -4.61	34.44 2.36 -5.17	34.01 2.56 -0.68	36.22 2.83 -0.39	35.60 2.93 0.00	36.55 2.80 0.00	40.96 2.40 -11.02	46.79 1.69 -26.09	39.78 2.92 -4.21	119.36 2.57 -90.98	310.60 1.24 -298.12	224.72 5.60 -162.90	177.61 15.75 0.00	130.75 11.46 0.00	45.04 3.51 0.00	38.12 2.88 0.00	38.68 2.71 0.00
NEG CAPITAL___MECHNVIL 23645	38.13 0.48 -29.87	38.50 1.62 -10.03	35.13 0.86 -19.51	33.04 1.20 -11.37	39.79 1.15 -19.34	31.63 1.48 -6.10	44.77 2.74 -2.38	38.55 2.10 -5.27	34.55 1.71 -5.93	33.59 2.04 -0.78	35.64 2.19 -0.44	34.45 1.78 0.00	35.44 1.69 0.00	41.86 1.66 -12.66	50.21 1.23 -29.97	39.72 2.24 -4.84	132.07 1.83 -104.43	354.22 0.78 -342.19	248.74 4.07 -188.47	172.76 10.89 0.00	127.22 7.93 0.00	44.38 2.85 0.00	37.58 2.34 0.00	38.28 2.30 0.00
NEG CENTRAL_HIGH_ACRES 23767	10.15 -0.36 -2.74	22.96 -1.28 2.60	14.83 -0.71 -0.78	15.27 -0.92 4.28	14.26 -0.83 4.21	23.63 -1.03 -0.61	38.31 -1.57 -0.23	30.21 -1.21 -0.25	25.88 -0.96 0.08	30.06 -0.83 -0.12	32.28 -0.77 -0.05	31.96 -0.71 0.00	37.25 -0.79 -4.29	34.27 -0.92 -7.65	22.13 -0.58 -3.69	32.06 -1.07 -0.49	35.27 -0.91 -10.37	44.86 -0.37 -33.98	71.65 -2.34 -17.78	156.73 -5.16 -0.03	115.50 -4.16 -0.38	39.91 -1.62 0.00	33.74 -1.53 -0.03	34.64 -1.34 0.00
NEG CENTRAL___DRP 24199	13.21 -0.11 -5.54	27.08 -0.45 -0.69	16.72 -0.27 -2.24	16.88 -0.34 3.26	17.36 -0.26 1.68	28.90 -0.24 -5.09	44.98 -0.30 -5.63	35.13 -0.26 -4.20	30.17 -0.35 -3.60	35.10 -0.38 -4.71	37.12 -0.38 -4.50	36.94 -0.12 -4.39	44.06 -0.10 -10.42	41.84 -0.08 -14.38	26.02 -0.07 -7.08	35.37 -0.44 -3.16	39.25 -0.16 -13.61	54.99 -0.10 -43.83	80.16 -0.42 -24.37	164.92 0.82 -2.24	119.88 0.12 -0.47	41.43 -0.10 0.00	35.04 -0.23 -0.03	35.88 -0.10 0.00
NEG CENTRAL___INDECK 23768	36.11 -0.18 -28.51	54.50 -0.87 -28.52	27.53 -0.48 -13.26	22.56 -0.62 -2.70	35.84 -0.52 -17.07	69.59 -0.50 -46.03	94.11 -0.65 -55.10	71.69 -0.95 -41.46	63.82 -0.95 -37.85	77.71 -0.62 -47.56	78.11 -0.64 -45.75	77.38 -0.36 -45.07	89.54 -0.09 -55.88	85.54 -0.71 -58.72	52.39 -0.27 -33.64	59.31 -0.80 -27.46	58.09 -0.53 -32.81	110.79 -0.09 -99.62	122.67 -0.34 -66.80	188.88 3.55 -23.47	122.17 2.53 -0.35	42.13 0.60 0.00	35.45 0.18 -0.02	36.46 0.48 0.00
NEG CENTRAL___SENECA 23627	14.70 -0.15 -7.08	27.21 -0.66 -1.03	16.94 -0.39 -2.58	14.95 -0.49 5.04	16.04 -0.37 2.90	31.38 -0.37 -7.69	47.91 -0.51 -8.76	37.13 -0.41 -6.36	31.84 -0.49 -5.42	37.63 -0.53 -7.39	39.55 -0.54 -7.08	39.40 -0.20 -6.93	46.20 -0.17 -12.63	43.63 -0.15 -16.29	27.68 -0.15 -8.82	36.76 -0.60 -4.71	41.00 -0.21 -15.41	60.42 -0.11 -49.28	83.52 -0.48 -27.79	166.77 1.39 -3.51	119.91 0.22 -0.41	41.46 -0.07 0.00	35.00 -0.27 -0.03	35.92 -0.06 0.00
NEG CENTRAL___STATE_STREET 24147	12.08 0.01 -4.29	27.24 0.03 -0.36	16.82 0.01 -2.07	18.99 -0.02 1.47	18.91 0.00 0.40	26.67 0.12 -2.50	42.44 0.31 -2.47	33.18 0.14 -1.87	28.56 -0.02 -1.66	32.78 0.03 -1.99	34.92 0.04 -1.88	34.66 0.19 -1.80	41.81 0.16 -7.90	39.99 0.26 -12.18	24.79 0.20 -5.58	34.27 -0.02 -1.64	38.79 0.07 -12.92	53.29 0.02 -42.02	79.03 0.04 -22.78	163.76 1.86 -0.03	120.83 1.03 -0.51	41.76 0.23 0.00	35.31 0.03 -0.03	36.17 0.19 0.00
NEG MILLWOOD___DRP 24198	34.25 0.62 -25.85	37.46 1.94 -8.68	32.68 1.05 -16.88	31.78 1.47 -9.83	37.39 1.35 -16.74	31.19 1.86 -5.27	44.90 3.17 -2.08	38.54 2.76 -4.60	34.46 2.39 -5.16	34.06 2.62 -0.68	36.29 2.90 -0.39	35.67 3.00 0.00	36.63 2.88 0.00	41.00 2.46 -10.99	46.77 1.74 -26.01	39.83 2.98 -4.20	119.13 2.61 -90.72	309.74 1.24 -297.25	225.27 5.70 -163.37	177.82 15.96 0.00	130.95 11.66 0.00	45.09 3.56 0.00	38.14 2.90 0.00	38.70 2.73 0.00
NEG NORTH_FLCN_SEA 23793	7.64 -0.14 0.00	26.40 -0.45 0.00	14.48 -0.27 0.00	20.05 -0.42 0.00	18.87 -0.43 0.00	23.58 -0.47 0.00	37.66 -0.74 1.25	27.92 -0.69 2.57	24.75 -0.54 1.63	30.04 -0.73 0.00	32.03 -0.97 0.00	31.60 -1.07 0.00	17.20 -0.88 15.67	2.75 -0.63 24.16	13.70 -0.61 4.70	28.54 -1.04 3.07	22.22 -0.81 2.78	9.17 -0.35 1.73	55.27 -0.94 0.00	159.04 -2.73 0.09	115.75 -2.13 1.42	41.09 -0.44 0.00	34.80 -0.35 0.09	35.68 -0.29 0.00
NEG NORTH_KES_CHATEGAY 23792	7.58 -0.19 0.00	26.19 -0.65 0.00	14.39 -0.37 0.00	19.91 -0.57 0.00	18.72 -0.58 0.00	23.38 -0.68 0.00	37.28 -1.12 1.25	27.62 -0.99 2.57	24.48 -0.81 1.63	29.74 -1.03 0.00	31.73 -1.27 0.00	31.35 -1.31 0.00	16.98 -1.11 15.67	2.41 -0.96 24.16	13.51 -0.80 4.70	28.19 -1.39 3.07	21.95 -1.08 2.78	9.11 -0.41 1.73	54.75 -1.46 0.00	157.54 -4.23 0.09	114.89 -2.98 1.42	40.74 -0.78 0.00	34.54 -0.60 0.09	35.43 -0.55 0.00
NEG NORTH___ALICE_FALLS 23915	7.65 -0.13 0.00	26.41 -0.44 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.89 -0.42 0.00	23.60 -0.45 0.00	37.69 -0.71 1.25	27.96 -0.65 2.57	24.77 -0.51 1.63	30.04 -0.73 0.00	32.01 -0.99 0.00	31.57 -1.10 0.00	17.22 -0.86 15.67	2.76 -0.62 24.16	13.71 -0.60 4.70	28.55 -1.04 3.07	22.23 -0.80 2.78	9.18 -0.34 1.73	55.31 -0.90 0.00	159.43 -2.34 0.09	116.01 -1.86 1.42	41.18 -0.35 0.00	34.86 -0.28 0.09	35.72 -0.26 0.00
NEG NORTH___LWR_SARANAC 23913	7.65 -0.13 0.00	26.41 -0.44 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.89 -0.42 0.00	23.60 -0.45 0.00	37.69 -0.71 1.25	27.96 -0.65 2.57	24.77 -0.51 1.63	30.04 -0.73 0.00	32.01 -0.99 0.00	31.57 -1.10 0.00	17.22 -0.86 15.67	2.76 -0.62 24.16	13.71 -0.60 4.70	28.55 -1.04 3.07	22.23 -0.80 2.78	9.18 -0.34 1.73	55.31 -0.90 0.00	159.43 -2.34 0.09	116.01 -1.86 1.42	41.18 -0.35 0.00	34.86 -0.28 0.09	35.72 -0.26 0.00
NEG NORTH___PLATTSBURG 23628	7.65 -0.13 0.00	26.41 -0.43 0.00	14.50 -0.26 0.00	20.08 -0.39 0.00	18.90 -0.40 0.00	23.60 -0.46 0.00	37.69 -0.71 1.25	27.97 -0.64 2.57	24.78 -0.50 1.63	30.04 -0.73 0.00	32.00 -1.00 0.00	31.58 -1.09 0.00	17.22 -0.86 15.67	2.76 -0.62 24.16	13.72 -0.59 4.70	28.55 -1.03 3.07	22.23 -0.80 2.78	9.17 -0.35 1.73	55.31 -0.90 0.00	159.43 -2.34 0.09	116.01 -1.86 1.42	41.18 -0.35 0.00	34.86 -0.28 0.09	35.72 -0.26 0.00
NEG WEST_LEA_LOCKPORT 23791	4.57 -0.55 2.66	11.70 -1.91 13.23	10.86 -1.10 2.79	7.90 -1.33 11.25	3.12 -1.19 14.99	12.71 -1.57 9.77	24.58 -2.69 12.38	21.16 -1.93 8.08	16.97 -1.46 8.49	18.89 -1.16 10.72	21.35 -1.13 10.53	21.05 -1.17 10.44	24.26 -1.35 8.13	21.47 -1.51 4.56	15.58 -0.87 2.56	25.29 -1.71 5.64	31.87 -1.68 -7.74	37.87 -0.53 -27.15	62.36 -4.32 -10.47	147.63 -8.98 5.25	112.12 -7.51 -0.34	38.71 -2.83 0.00	32.69 -2.57 -0.02	33.98 -2.00 0.00
NEG WEST___LANCASTER 23811	3.96 -0.48 3.33	8.94 -1.69 16.21	10.16 -1.00 3.59	5.06 -1.20 14.21	-0.55 -1.09 18.77	11.25 -1.41 11.39	22.99 -2.22 14.44	20.06 -1.61 9.51	15.56 -1.31 10.04	17.22 -1.05 12.51	19.78 -0.98 12.24	19.66 -0.87 12.13	22.67 -0.95 10.13	20.03 -1.15 6.36	15.14 -0.65 3.22	24.51 -1.55 6.58	32.94 -1.34 -8.48	40.68 -0.45 -29.88	64.32 -3.50 -11.61	150.74 -5.81 5.32	114.40 -5.23 -0.34	39.32 -2.21 0.00	33.16 -2.11 -0.02	34.37 -1.60 0.00

NEG_PENN_ALLEGHNY 23528	17.39 0.07 -9.54	37.96 0.21 -10.90	23.27 0.10 -8.42	35.91 0.17 -15.27	38.72 0.18 -19.24	26.16 0.27 -1.84	41.26 0.60 -1.01	33.36 0.58 -1.61	30.28 0.41 -2.95	31.28 0.35 -0.17	33.54 0.40 -0.14	33.13 0.46 0.00	34.31 0.56 0.00	31.85 0.46 -3.85	28.46 0.33 -9.11	34.60 0.48 -1.47	57.02 0.52 -30.70	112.05 0.22 -100.59	115.68 1.05 -58.41	165.69 3.83 0.00	121.87 2.58 0.00	42.22 0.69 0.00	35.76 0.51 0.00	36.52 0.55 0.00
NEG___GEN_MONROE 24207	10.27 -0.25 -2.74	22.62 -0.91 3.32	14.81 -0.52 -0.58	14.51 -0.60 5.36	13.36 -0.53 5.42	23.97 -0.70 -0.62	38.82 -1.06 -0.23	31.07 -0.75 -0.64	26.46 -0.57 -0.11	30.61 -0.29 -0.14	32.88 -0.17 -0.05	32.44 -0.23 0.00	37.45 -0.31 -4.01	34.08 -0.71 -7.26	22.37 -0.34 -3.69	32.51 -0.63 -0.50	35.70 -0.61 -10.51	45.50 -0.18 -34.43	72.45 -1.69 -17.92	159.46 -2.43 -0.02	117.32 -2.32 -0.35	40.48 -1.05 0.00	34.18 -1.08 -0.02	35.21 -0.77 0.00
NEPA___ENERGY 23901	3.82 -0.36 3.60	8.78 -1.35 16.72	10.17 -0.82 3.76	4.94 -1.02 14.52	-0.81 -0.85 19.26	11.19 -0.99 11.87	23.13 -1.48 15.04	20.31 -0.96 9.91	15.59 -0.90 10.43	17.12 -0.64 13.01	19.85 -0.43 12.73	19.84 -0.21 12.62	22.92 -0.14 10.69	20.12 -0.52 6.90	15.38 -0.13 3.51	24.98 -0.81 6.86	33.59 -0.57 -8.35	40.59 -0.22 -29.57	65.68 -1.60 -11.06	156.76 0.83 5.93	119.09 -0.53 -0.34	40.66 -0.87 0.00	34.22 -1.04 -0.02	35.51 -0.46 0.00
NEVERSINK___HYD 23608	32.24 0.49 -23.97	37.50 1.56 -9.10	31.54 0.84 -15.95	32.37 1.18 -10.71	37.70 1.10 -17.31	30.42 1.50 -4.88	44.14 2.57 -1.91	37.77 2.28 -4.31	33.73 1.85 -4.96	33.26 1.87 -0.63	35.39 2.03 -0.36	34.80 2.13 0.00	35.60 1.85 0.00	38.64 0.94 -10.16	43.76 0.69 -24.05	37.72 1.19 -3.88	111.20 1.19 -84.20	287.90 0.73 -275.91	210.59 3.33 -151.06	175.65 13.79 0.00	129.38 10.09 0.00	44.51 2.98 0.00	37.65 2.41 0.00	38.18 2.21 0.00
NEWKRMKL_115KV_TB1 55635	37.41 0.27 -29.36	37.62 0.91 -9.86	34.41 0.49 -19.18	32.34 0.69 -11.17	38.93 0.62 -19.01	30.86 0.81 -5.99	43.27 1.27 -2.35	37.38 1.00 -5.20	33.67 0.91 -5.85	32.58 1.04 -0.77	34.61 1.17 -0.44	33.77 1.10 0.00	34.76 1.01 0.00	41.01 0.99 -12.48	49.27 0.72 -29.54	38.69 1.27 -4.77	129.79 1.03 -102.96	349.05 0.44 -337.36	244.15 2.14 -185.79	167.22 5.35 0.00	123.09 3.80 0.00	42.87 1.34 0.00	36.41 1.17 0.00	37.12 1.15 0.00
NEWTON___FALLS_HYD 23847	8.20 -0.49 -0.90	25.49 -1.66 -0.31	14.41 -0.93 -0.59	19.49 -1.33 -0.34	18.63 -1.25 -0.59	22.76 -1.48 -0.18	23.77 -2.36 13.52	1.16 -2.12 27.90	7.48 -2.13 17.59	28.66 -2.16 -0.02	30.86 -1.98 -0.01	30.69 -1.55 0.00	195.52 -1.65 -163.32	263.13 -1.43 -237.25	20.95 -2.36 -3.36	-3.01 -2.10 33.30	-3.41 -2.10 27.12	2.16 -0.75 8.34	58.91 -3.12 -5.81	153.60 -9.22 -0.95	128.39 -5.20 -14.30	40.19 -1.35 -0.01	35.28 -0.91 -0.95	34.86 -1.12 0.00
NGRID_A1_DSASP 323792	4.42 -0.64 2.72	11.14 -2.21 13.50	10.62 -1.27 2.86	7.41 -1.55 11.52	2.56 -1.42 15.33	12.29 -2.00 9.77	23.26 -3.78 12.60	20.10 -2.79 8.28	16.40 -2.01 8.51	18.43 -1.62 10.72	20.87 -1.61 10.53	20.66 -1.57 10.44	23.70 -1.89 8.16	21.08 -1.87 4.59	15.36 -1.11 2.54	24.82 -2.18 5.64	31.56 -2.03 -7.78	37.83 -0.81 -27.39	61.11 -5.56 -10.45	144.08 -12.43 5.35	109.61 -10.01 -0.33	37.89 -3.64 0.00	32.04 -3.22 -0.02	33.33 -2.64 0.00
NGRID_A2_DSASP 323793	4.42 -0.64 2.72	11.14 -2.21 13.50	10.62 -1.27 2.86	7.41 -1.55 11.52	2.56 -1.42 15.33	12.29 -2.00 9.77	23.26 -3.78 12.60	20.10 -2.79 8.28	16.40 -2.01 8.51	18.43 -1.62 10.72	20.87 -1.61 10.53	20.66 -1.57 10.44	23.70 -1.89 8.16	21.08 -1.87 4.59	15.36 -1.11 2.54	24.82 -2.18 5.64	31.56 -2.03 -7.78	37.83 -0.81 -27.39	61.11 -5.56 -10.45	144.08 -12.43 5.35	109.61 -10.01 -0.33	37.89 -3.64 0.00	32.04 -3.22 -0.02	33.33 -2.64 0.00
NGRID_A4_DSASP 323807	4.42 -0.64 2.72	11.14 -2.21 13.50	10.62 -1.27 2.86	7.41 -1.55 11.52	2.56 -1.42 15.33	12.29 -2.00 9.77	23.26 -3.78 12.60	20.10 -2.79 8.28	16.40 -2.01 8.51	18.43 -1.62 10.72	20.87 -1.61 10.53	20.66 -1.57 10.44	23.70 -1.89 8.16	21.08 -1.87 4.59	15.36 -1.11 2.54	24.82 -2.18 5.64	31.56 -2.03 -7.78	37.83 -0.81 -27.39	61.11 -5.56 -10.45	144.08 -12.43 5.35	109.61 -10.01 -0.33	37.89 -3.64 0.00	32.04 -3.22 -0.02	33.33 -2.64 0.00
NIAGARA_115E_LBMP 323715	4.44 -0.62 2.72	11.10 -2.22 13.52	10.57 -1.31 2.87	7.32 -1.61 11.55	2.49 -1.43 15.39	12.26 -1.71 10.09	23.95 -2.93 12.77	20.58 -2.25 8.35	16.33 -1.82 8.77	18.35 -1.36 11.05	20.81 -1.34 10.86	20.48 -1.42 10.76	23.67 -1.56 8.51	20.92 -1.71 4.91	15.29 -1.01 2.71	24.86 -1.96 5.82	31.49 -2.10 -7.79	37.98 -0.65 -27.38	61.46 -5.27 -10.51	144.15 -12.41 5.31	109.61 -10.03 -0.34	37.87 -3.66 0.00	32.02 -3.25 -0.02	33.36 -2.62 0.00
NIAGARA_115W_LBMP 323714	4.45 -0.64 2.68	11.14 -2.27 13.43	10.59 -1.32 2.84	7.35 -1.65 11.48	2.56 -1.49 15.26	12.36 -2.00 9.70	23.37 -3.78 12.50	20.08 -2.89 8.21	16.34 -2.12 8.45	18.49 -1.64 10.64	20.93 -1.61 10.46	20.71 -1.59 10.37	23.81 -1.86 8.08	21.12 -1.91 4.51	15.36 -1.15 2.50	24.83 -2.23 5.59	31.53 -2.08 -7.80	37.83 -0.84 -27.42	61.03 -5.69 -10.50	143.49 -13.06 5.31	109.33 -10.29 -0.34	37.79 -3.74 0.00	31.97 -3.30 -0.02	33.26 -2.72 0.00
NIAGARA_230_LBMP 323716	4.77 -0.62 2.39	11.84 -2.17 12.83	10.89 -1.22 2.64	7.84 -1.55 11.09	3.23 -1.41 14.65	13.16 -1.82 9.08	25.01 -3.04 11.60	21.25 -2.33 7.59	17.14 -1.83 7.95	19.28 -1.49 10.00	21.70 -1.49 9.82	21.49 -1.45 9.74	24.70 -1.68 7.36	21.94 -1.77 3.83	15.81 -1.06 2.14	25.38 -2.04 5.23	31.97 -1.76 -7.92	38.22 -0.71 -27.67	62.38 -4.77 -10.93	146.59 -10.34 4.93	111.36 -8.27 -0.34	38.47 -3.06 0.00	32.51 -2.76 -0.02	33.76 -2.22 0.00
NIAGARA___115KV_198_GIBSON 55903	4.45 -0.65 2.68	11.18 -2.23 13.43	10.61 -1.30 2.84	7.43 -1.57 11.48	2.61 -1.43 15.26	12.34 -2.02 9.70	23.27 -3.89 12.50	20.10 -2.87 8.21	16.40 -2.06 8.45	18.46 -1.67 10.64	20.89 -1.65 10.46	20.68 -1.62 10.37	23.73 -1.93 8.08	21.12 -1.90 4.51	15.37 -1.14 2.50	24.82 -2.23 5.59	31.52 -2.08 -7.80	37.83 -0.83 -27.42	61.03 -5.69 -10.50	143.67 -12.88 5.31	109.30 -10.32 -0.34	37.79 -3.74 0.00	31.96 -3.30 -0.02	33.26 -2.72 0.00
NIAGARA____ 23760	4.69 -0.62 2.47	11.70 -2.17 12.97	10.85 -1.22 2.69	7.73 -1.55 11.19	3.05 -1.41 14.84	12.97 -1.82 9.27	24.63 -3.04 11.98	21.01 -2.33 7.84	16.98 -1.83 8.11	19.10 -1.49 10.17	21.53 -1.49 9.99	21.32 -1.45 9.91	24.51 -1.68 7.55	21.75 -1.77 4.01	15.71 -1.06 2.24	25.28 -2.04 5.33	31.93 -1.76 -7.89	38.13 -0.71 -27.58	62.20 -4.77 -10.76	146.43 -10.34 5.09	111.36 -8.27 -0.34	38.47 -3.06 0.00	32.51 -2.76 -0.02	33.76 -2.22 0.00
NINE_MILE_1 23575	9.28 -0.21 -1.71	26.70 -0.72 -0.57	15.46 -0.40 -1.12	20.58 -0.55 -0.65	19.90 -0.50 -1.11	23.78 -0.62 -0.35	38.81 -0.98 -0.13	30.71 -0.76 -0.29	26.57 -0.68 -0.33	30.06 -0.76 -0.04	32.24 -0.79 -0.03	31.93 -0.74 0.00	32.99 -0.76 0.00	27.62 -0.63 -0.72	20.28 -0.43 -1.70	32.08 -0.84 -0.28	30.92 -0.76 -5.86	30.12 -0.35 -19.22	64.62 -1.88 -10.29	156.76 -5.10 0.00	115.43 -3.86 0.00	40.16 -1.36 0.00	34.09 -1.15 0.00	34.87 -1.11 0.00

NINE_MILE_2 23744	9.28 -0.21 -1.71	26.70 -0.72 -0.57	15.46 -0.40 -1.11	20.58 -0.55 -0.65	19.90 -0.50 -1.11	23.78 -0.62 -0.35	38.81 -0.98 -0.13	30.71 -0.76 -0.29	26.57 -0.68 -0.33	30.06 -0.75 -0.04	32.24 -0.79 -0.03	31.93 -0.74 0.00	33.00 -0.75 0.00	27.63 -0.63 -0.72	20.28 -0.43 -1.70	32.08 -0.84 -0.27	30.91 -0.76 -5.85	30.08 -0.35 -19.18	64.60 -1.88 -10.27	156.76 -5.10 0.00	115.43 -3.86 0.00	40.16 -1.36 0.00	34.10 -1.15 0.00	34.87 -1.11 0.00
NM_CAPITAL___DRP 24208	37.40 0.31 -29.32	37.73 1.05 -9.84	34.46 0.56 -19.15	32.41 0.78 -11.15	39.00 0.72 -18.98	30.95 0.92 -5.98	43.45 1.46 -2.34	37.51 1.14 -5.20	33.79 1.04 -5.84	32.73 1.20 -0.77	34.79 1.35 -0.44	33.96 1.29 0.00	34.93 1.18 0.00	41.12 1.12 -12.46	49.31 0.81 -29.50	38.85 1.44 -4.76	129.75 1.16 -102.79	348.52 0.47 -336.80	244.11 2.42 -185.49	167.90 6.03 0.00	123.58 4.29 0.00	43.06 1.54 0.00	36.59 1.34 0.00	37.30 1.32 0.00
NM_CENTRAL___DRP 24181	10.27 -0.06 -2.55	27.48 -0.22 -0.85	16.28 -0.13 -1.66	21.28 -0.16 -0.97	20.82 -0.13 -1.65	24.42 -0.15 -0.52	39.69 -0.16 -0.20	31.52 -0.09 -0.43	27.30 -0.12 -0.51	30.67 -0.16 -0.07	32.91 -0.13 -0.04	32.63 -0.04 0.00	42.71 0.03 -8.94	41.96 0.03 -14.38	23.03 0.00 -4.02	32.95 -0.11 -0.42	34.65 -0.15 -8.99	40.67 -0.05 -29.47	71.58 -0.44 -15.81	161.18 -0.74 -0.05	119.39 -0.69 -0.78	41.21 -0.32 0.00	34.99 -0.30 -0.05	35.70 -0.28 0.00
NM_FRONTIER___DRP 24179	4.45 -0.65 2.68	11.18 -2.23 13.43	10.61 -1.30 2.84	7.43 -1.57 11.48	2.61 -1.43 15.26	12.34 -2.02 9.70	23.27 -3.89 12.50	20.10 -2.87 8.21	16.40 -2.06 8.45	18.46 -1.67 10.64	20.89 -1.65 10.46	20.68 -1.62 10.37	23.73 -1.93 8.08	21.12 -1.90 4.51	15.37 -1.14 2.50	24.82 -2.23 5.59	31.52 -2.08 -7.80	37.83 -0.83 -27.42	61.03 -5.69 -10.50	143.67 -12.88 5.31	109.30 -10.32 -0.34	37.79 -3.74 0.00	31.96 -3.30 -0.02	33.26 -2.72 0.00
NM_ST_REGIS___HYD 24053	7.90 -0.42 -0.54	25.63 -1.40 -0.18	14.30 -0.80 -0.35	19.53 -1.15 -0.20	18.52 -1.13 -0.35	22.82 -1.35 -0.11	29.53 -2.23 7.89	12.96 -1.93 16.29	15.04 -1.61 10.27	29.22 -1.57 -0.01	31.34 -1.68 -0.01	31.05 -1.62 0.00	269.24 -1.35 -236.84	374.80 -1.61 -348.87	41.89 -1.43 -24.31	10.87 -2.34 19.44	8.11 -1.90 15.80	5.79 -0.70 4.76	56.61 -3.06 -3.45	154.31 -8.93 -1.38	134.29 -5.74 -20.73	39.86 -1.68 -0.01	35.35 -1.27 -1.38	34.61 -1.37 0.00
NORTHPORT___1 23551	52.98 0.62 -44.58	52.05 2.00 -23.21	52.77 1.12 -36.91	50.91 1.59 -28.84	37.10 1.33 -16.46	31.16 1.91 -5.19	44.34 2.64 -2.04	37.93 2.23 -4.53	33.97 1.98 -5.07	33.74 2.31 -0.67	36.28 2.90 -0.38	35.69 3.02 0.00	36.64 2.89 0.00	40.57 2.22 -10.81	42.46 1.47 -21.98	34.74 2.45 0.36	53.50 2.08 -25.61	51.72 1.10 -39.36	203.90 4.51 -143.17	168.11 12.62 6.37	96.59 9.08 31.78	37.65 2.65 6.53	37.62 2.38 0.00	38.39 2.41 0.00
NORTHPORT___2 23552	52.98 0.62 -44.58	52.05 2.00 -23.21	52.77 1.12 -36.91	50.91 1.59 -28.84	37.10 1.33 -16.46	31.16 1.91 -5.19	44.34 2.64 -2.04	37.93 2.23 -4.53	33.97 1.98 -5.07	33.74 2.31 -0.67	36.28 2.90 -0.38	35.69 3.02 0.00	36.64 2.89 0.00	40.57 2.22 -10.81	42.46 1.47 -21.98	34.74 2.45 0.36	53.50 2.08 -25.61	51.72 1.10 -39.36	203.90 4.51 -143.17	168.11 12.62 6.37	96.59 9.08 31.78	37.65 2.65 6.53	37.62 2.38 0.00	38.39 2.41 0.00
NORTHPORT___3 23553	53.02 0.62 -44.62	52.08 1.99 -23.24	52.81 1.11 -36.95	50.94 1.58 -28.89	37.08 1.31 -16.46	31.14 1.89 -5.19	44.30 2.60 -2.04	37.90 2.19 -4.53	33.94 1.95 -5.07	33.72 2.29 -0.67	36.28 2.90 -0.38	35.69 3.02 0.00	36.63 2.88 0.00	40.57 2.22 -10.81	42.47 1.47 -21.99	34.74 2.45 0.35	53.61 2.07 -25.73	52.18 1.11 -39.83	203.92 4.50 -143.20	168.10 12.59 6.36	96.63 9.06 31.73	37.63 2.61 6.51	37.57 2.32 0.00	38.35 2.37 0.00
NORTHPORT___4 23650	53.02 0.62 -44.62	52.08 1.99 -23.24	52.81 1.11 -36.95	50.94 1.58 -28.89	37.08 1.31 -16.46	31.14 1.89 -5.19	44.30 2.60 -2.04	37.90 2.19 -4.53	33.94 1.95 -5.07	33.72 2.29 -0.67	36.28 2.90 -0.38	35.69 3.02 0.00	36.63 2.88 0.00	40.57 2.22 -10.81	42.47 1.47 -21.99	34.74 2.45 0.35	53.61 2.07 -25.73	52.18 1.11 -39.83	203.92 4.50 -143.20	168.10 12.59 6.36	96.63 9.06 31.73	37.63 2.61 6.51	37.57 2.32 0.00	38.35 2.37 0.00
NORTHPORT___IC 23718	52.98 0.62 -44.58	52.04 1.98 -23.21	52.77 1.12 -36.91	50.89 1.57 -28.84	37.09 1.32 -16.46	31.16 1.91 -5.19	44.35 2.66 -2.04	37.93 2.22 -4.53	33.96 1.97 -5.07	33.74 2.31 -0.67	36.29 2.90 -0.38	35.70 3.03 0.00	36.64 2.90 0.00	40.57 2.22 -10.81	42.46 1.47 -21.98	34.74 2.46 0.36	53.54 2.12 -25.61	51.74 1.13 -39.36	203.90 4.52 -143.17	168.10 12.60 6.37	96.61 9.10 31.78	37.67 2.67 6.53	37.61 2.37 0.00	38.39 2.41 0.00
NORTH___COUNTRY_ESR 323785	7.57 -0.21 0.00	26.13 -0.72 0.00	14.35 -0.40 0.00	19.88 -0.60 0.00	18.69 -0.61 0.00	23.31 -0.74 0.00	37.16 -1.25 1.25	27.53 -1.08 2.57	24.42 -0.87 1.63	29.71 -1.06 0.00	31.73 -1.27 0.00	31.35 -1.31 0.00	16.90 -1.18 15.67	2.35 -1.03 24.16	13.46 -0.85 4.70	28.18 -1.40 3.07	21.93 -1.10 2.78	9.08 -0.44 1.73	54.57 -1.64 0.00	156.89 -4.88 0.09	114.35 -3.52 1.42	40.58 -0.95 0.00	34.41 -0.73 0.09	35.32 -0.65 0.00
NPX_GEN_1385_PROXY 323591	52.98 0.62 -44.58	52.05 2.00 -23.21	52.77 1.12 -36.91	50.91 1.59 -28.84	37.10 1.33 -16.46	25.82 1.91 0.14	44.34 2.64 -2.04	37.93 2.23 -4.53	33.97 1.98 -5.07	33.74 2.31 -0.67	36.28 2.90 -0.38	35.69 3.02 0.00	36.64 2.89 0.00	40.57 2.22 -10.81	42.46 1.47 -21.98	34.74 2.45 0.36	53.50 2.08 -25.61	51.72 1.10 -39.36	203.90 4.51 -143.17	168.11 12.62 6.37	96.59 9.08 31.78	37.65 2.65 6.53	37.50 2.38 0.12	38.39 2.41 0.00
NPX_GEN_CSC 323557	53.20 0.63 -44.79	52.22 2.01 -23.37	53.03 1.15 -37.12	51.17 1.65 -29.05	37.21 1.44 -16.46	25.99 2.08 0.14	44.74 3.04 -2.04	38.27 2.56 -4.53	34.18 2.19 -5.07	33.90 2.47 -0.67	36.27 2.89 -0.38	35.63 2.96 0.00	36.55 2.80 0.00	40.49 2.13 -10.81	42.46 1.41 -22.03	34.84 2.49 0.30	54.54 2.18 -26.55	55.46 1.19 -43.02	204.70 5.05 -143.44	170.16 14.57 6.27	98.64 10.67 31.31	38.22 3.12 6.43	37.89 2.76 0.12	38.71 2.73 0.00
NSINS_S_GLNS_FALLS 23858	38.38 0.57 -30.03	38.83 1.90 -10.08	35.36 1.00 -19.61	33.28 1.38 -11.42	40.07 1.33 -19.44	31.92 1.74 -6.13	45.36 3.32 -2.39	39.02 2.54 -5.29	34.85 1.97 -5.96	33.84 2.28 -0.78	35.85 2.39 -0.45	34.41 1.74 0.00	35.38 1.64 0.00	42.02 1.73 -12.75	50.48 1.29 -30.17	39.94 2.42 -4.87	132.97 2.01 -105.16	356.69 0.86 -344.58	250.50 4.51 -189.78	174.36 12.49 0.00	128.24 8.95 0.00	44.88 3.35 0.00	37.90 2.65 0.00	38.55 2.57 0.00
NUCOR_STEEL___DRP 24197	10.99 0.01 -3.20	26.18 0.05 0.71	16.36 0.03 -1.58	18.99 0.00 1.49	18.35 0.01 0.96	24.86 0.13 -0.68	40.24 0.34 -0.25	31.75 0.14 -0.43	27.24 -0.01 -0.33	30.91 0.05 -0.09	33.14 0.08 -0.05	32.88 0.21 0.00	39.90 0.17 -5.98	38.14 0.27 -10.33	23.56 0.21 -4.34	33.19 -0.01 -0.55	37.64 0.06 -11.77	49.84 0.01 -38.57	76.74 -0.01 -20.54	163.59 1.69 -0.04	120.73 0.92 -0.52	41.73 0.20 0.00	35.28 0.01 -0.04	36.14 0.16 0.00

NUMBER_THREE_WT_PWR 323818	8.56 -0.44 -1.23	25.74 -1.52 -0.41	14.71 -0.84 -0.80	19.75 -1.19 -0.47	19.01 -1.08 -0.80	23.06 -1.25 -0.25	13.74 -1.84 24.07	-20.25 -1.75 49.68	-6.05 -1.60 31.36	28.61 -2.19 -0.03	30.91 -2.12 -0.02	30.78 -1.90 0.00	109.35 -1.31 -76.90	130.47 -1.33 -104.26	-10.22 -1.10 28.13	-28.32 -1.69 59.28	-25.47 -1.71 49.57	-8.51 -0.51 19.25	62.12 -1.99 -7.89	156.39 -5.92 -0.45	124.17 -1.85 -6.73	41.46 -0.07 0.00	35.81 0.12 -0.45	35.80 -0.18 0.00
NYISO_LBMP_REFERENCE 24008	7.78 0.00 0.00	26.85 0.00 0.00	14.75 0.00 0.00	20.47 0.00 0.00	19.30 0.00 0.00	24.06 0.00 0.00	39.65 0.00 0.00	31.18 0.00 0.00	26.92 0.00 0.00	30.77 0.00 0.00	33.01 0.00 0.00	32.67 0.00 0.00	33.75 0.00 0.00	27.54 0.00 0.00	19.01 0.00 0.00	32.65 0.00 0.00	25.81 0.00 0.00	11.25 0.00 0.00	56.21 0.00 0.00	161.87 0.00 0.00	119.29 0.00 0.00	41.53 0.00 0.00	35.24 0.00 0.00	35.98 0.00 0.00
NYPA_BRENTWD____GT 24164	53.55 0.70 -45.08	52.65 2.22 -23.59	53.44 1.25 -37.43	51.59 1.77 -29.34	37.29 1.53 -16.46	31.41 2.16 -5.19	44.87 3.17 -2.04	38.38 2.67 -4.53	34.33 2.34 -5.07	34.08 2.65 -0.67	36.55 3.17 -0.38	35.93 3.26 0.00	36.86 3.12 0.00	40.76 2.40 -10.81	42.73 1.61 -22.11	35.19 2.75 0.20	56.02 2.37 -27.84	60.50 1.20 -48.06	205.16 5.13 -143.82	170.39 14.67 6.15	99.30 10.67 30.67	38.40 3.17 6.30	38.12 2.88 0.00	38.86 2.89 0.00
NYPA_GOWANUS____GT5 24156	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
NYPA_GOWANUS____GT6 24157	33.87 0.67 -25.43	37.42 2.04 -8.54	32.50 1.14 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.23 1.99 -5.19	44.94 3.24 -2.04	38.66 2.95 -4.53	34.55 2.56 -5.07	34.24 2.80 -0.67	36.49 3.11 -0.38	35.98 3.31 0.00	36.99 3.24 0.00	41.17 2.82 -10.81	46.56 1.96 -25.59	40.06 3.28 -4.13	117.89 2.84 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.74 16.88 0.00	132.00 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00
NYPA_HARLEM__RVR__GT1 24160	33.82 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.57 1.42 -9.67	37.04 1.28 -16.46	31.07 1.83 -5.19	44.61 2.91 -2.04	38.58 2.87 -4.53	34.51 2.52 -5.07	34.21 2.78 -0.67	36.48 3.09 -0.38	35.87 3.20 0.00	36.81 3.06 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.97 3.20 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.32 5.50 -161.61	177.30 15.43 0.00	130.78 11.49 0.00	45.01 3.48 0.00	38.17 2.93 0.00	38.61 2.63 0.00
NYPA_HARLEM__RVR__GT2 24161	33.82 0.62 -25.43	37.23 1.85 -8.53	32.41 1.05 -16.61	31.57 1.42 -9.67	37.04 1.28 -16.46	31.07 1.83 -5.19	44.61 2.91 -2.04	38.58 2.87 -4.53	34.51 2.52 -5.07	34.21 2.78 -0.67	36.48 3.09 -0.38	35.87 3.20 0.00	36.81 3.06 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.97 3.20 -4.13	117.79 2.74 -89.24	304.97 1.29 -292.42	223.32 5.50 -161.61	177.30 15.43 0.00	130.78 11.49 0.00	45.01 3.48 0.00	38.17 2.93 0.00	38.61 2.63 0.00
NYPA_KENT____GT 24152	33.86 0.65 -25.43	37.36 1.98 -8.54	32.47 1.11 -16.61	31.70 1.55 -9.67	37.16 1.39 -16.46	31.20 1.95 -5.19	44.86 3.16 -2.04	38.60 2.89 -4.53	34.52 2.53 -5.07	34.23 2.80 -0.67	36.49 3.11 -0.38	35.95 3.28 0.00	36.95 3.20 0.00	41.13 2.78 -10.81	46.54 1.94 -25.59	40.02 3.24 -4.13	117.85 2.80 -89.24	305.01 1.33 -292.42	223.68 5.86 -161.61	178.25 16.38 0.00	131.58 12.28 0.00	45.26 3.73 0.00	38.30 3.06 0.00	38.83 2.85 0.00
NYPA_POUCH1____GT 24155	33.90 0.69 -25.43	37.55 2.17 -8.54	32.57 1.21 -16.61	31.83 1.68 -9.67	37.30 1.53 -16.47	31.31 2.07 -5.19	45.06 3.36 -2.04	38.75 3.04 -4.53	34.55 2.56 -5.07	34.21 2.77 -0.67	36.45 3.06 -0.38	35.93 3.26 0.00	36.94 3.20 0.00	41.14 2.79 -10.81	46.55 1.94 -25.59	40.03 3.25 -4.13	117.86 2.81 -89.24	305.03 1.36 -292.42	223.82 6.01 -161.61	178.90 17.03 0.00	132.12 12.82 0.00	45.41 3.88 0.00	38.38 3.14 0.00	38.98 3.00 0.00
NYPA_VERNON____GT2 24162	33.84 0.63 -25.43	37.31 1.92 -8.54	32.43 1.08 -16.61	31.66 1.51 -9.67	37.11 1.35 -16.46	31.16 1.92 -5.19	44.78 3.09 -2.04	38.53 2.82 -4.53	34.50 2.51 -5.07	34.22 2.78 -0.67	36.48 3.10 -0.38	35.92 3.25 0.00	36.91 3.16 0.00	41.09 2.74 -10.81	46.51 1.90 -25.59	39.99 3.21 -4.13	117.82 2.77 -89.24	304.97 1.30 -292.42	223.53 5.72 -161.61	177.69 15.82 0.00	131.16 11.87 0.00	45.13 3.60 0.00	38.23 2.98 0.00	38.75 2.77 0.00
NYPA_VERNON____GT3 24163	33.84 0.63 -25.43	37.31 1.92 -8.54	32.43 1.08 -16.61	31.66 1.51 -9.67	37.11 1.35 -16.46	31.16 1.92 -5.19	44.78 3.09 -2.04	38.53 2.82 -4.53	34.50 2.51 -5.07	34.22 2.78 -0.67	36.48 3.10 -0.38	35.92 3.25 0.00	36.91 3.16 0.00	41.09 2.74 -10.81	46.51 1.90 -25.59	39.99 3.21 -4.13	117.82 2.77 -89.24	304.97 1.30 -292.42	223.53 5.72 -161.61	177.69 15.82 0.00	131.16 11.87 0.00	45.13 3.60 0.00	38.23 2.98 0.00	38.75 2.77 0.00
NYPA__ASTORIA_CC1 323568	33.83 0.62 -25.43	37.27 1.89 -8.54	32.42 1.06 -16.61	31.65 1.50 -9.67	37.09 1.32 -16.46	31.14 1.90 -5.19	44.72 3.03 -2.04	38.50 2.79 -4.53	34.48 2.49 -5.07	34.18 2.74 -0.67	36.44 3.05 -0.38	35.88 3.21 0.00	36.85 3.11 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.94 3.17 -4.13	117.79 2.74 -89.24	304.95 1.28 -292.42	223.47 5.65 -161.61	177.52 15.66 0.00	131.07 11.78 0.00	45.09 3.56 0.00	38.20 2.95 0.00	38.69 2.71 0.00
NYPA__ASTORIA_CC2 323569	33.83 0.62 -25.43	37.27 1.89 -8.54	32.42 1.06 -16.61	31.65 1.50 -9.67	37.09 1.32 -16.46	31.14 1.90 -5.19	44.72 3.03 -2.04	38.50 2.79 -4.53	34.48 2.49 -5.07	34.18 2.74 -0.67	36.44 3.05 -0.38	35.88 3.21 0.00	36.85 3.11 0.00	41.05 2.70 -10.81	46.49 1.88 -25.59	39.94 3.17 -4.13	117.79 2.74 -89.24	304.95 1.28 -292.42	223.47 5.65 -161.61	177.52 15.66 0.00	131.07 11.78 0.00	45.09 3.56 0.00	38.20 2.95 0.00	38.69 2.71 0.00
NYPA__HOLTSVILL 23794	53.17 0.63 -44.77	52.20 2.00 -23.35	53.01 1.15 -37.10	51.16 1.65 -29.03	37.19 1.42 -16.46	31.29 2.04 -5.19	44.67 2.97 -2.04	38.23 2.52 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.33 2.95 -0.38	35.72 3.05 0.00	36.63 2.88 0.00	40.55 2.20 -10.81	42.49 1.45 -22.03	34.86 2.52 0.30	54.46 2.18 -26.47	55.13 1.18 -42.70	204.51 4.88 -143.42	169.46 13.88 6.28	98.03 10.09 31.35	38.06 2.97 6.44	37.89 2.64 0.00	38.61 2.64 0.00
NYPA__HELLGATE_GT1 24158	33.82 0.62 -25.43	37.23 1.85 -8.54	32.41 1.05 -16.61	31.57 1.42 -9.67	37.05 1.28 -16.46	31.07 1.83 -5.19	44.61 2.91 -2.04	38.58 2.87 -4.53	34.51 2.52 -5.07	34.21 2.78 -0.67	36.48 3.09 -0.38	35.87 3.20 0.00	36.81 3.06 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.97 3.20 -4.13	117.79 2.74 -89.24	304.95 1.28 -292.42	223.28 5.46 -161.61	177.16 15.30 0.00	130.68 11.41 0.02	44.97 3.46 0.02	38.17 2.93 0.00	38.61 2.63 0.00

NYPA_____HELLGATE_GT2 24159	33.82	37.23	32.41	31.57	37.05	31.07	44.61	38.58	34.51	34.21	36.48	35.87	36.81	41.05	46.48	39.97	117.79	304.95	223.28	177.16	130.68	44.97	38.17	38.61
	0.62	1.85	1.05	1.42	1.28	1.83	2.91	2.87	2.52	2.78	3.09	3.20	3.06	2.70	1.88	3.20	2.74	1.28	5.46	15.30	11.41	3.46	2.93	2.63
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.02	0.02	0.00	0.00
NYS_BARGE____HYD 23848	4.94	12.31	11.05	8.18	3.66	13.44	25.58	21.71	17.42	19.66	22.13	21.79	25.15	22.26	16.01	25.76	32.09	38.45	62.97	147.84	112.09	38.68	32.68	33.98
	-0.53	-1.91	-1.12	-1.38	-1.21	-1.48	-2.49	-1.91	-1.51	-1.06	-0.99	-1.08	-1.21	-1.46	-0.84	-1.62	-1.66	-0.51	-4.26	-9.16	-7.54	-2.85	-2.58	-2.00
	2.30	12.62	2.58	10.92	14.43	9.13	11.59	7.56	7.98	10.06	9.88	9.80	7.39	3.83	2.17	5.26	-7.94	-27.71	-11.01	4.87	-0.34	0.00	-0.02	0.00
OAK ORCHARD____HYD 24046	10.22	22.60	14.79	14.52	13.39	23.88	38.70	30.95	26.36	30.51	32.72	32.35	37.33	34.08	22.33	32.43	35.59	45.23	72.13	158.46	116.71	40.32	34.07	35.07
	-0.28	-1.01	-0.56	-0.71	-0.63	-0.78	-1.18	-0.89	-0.69	-0.40	-0.34	-0.32	-0.43	-0.72	-0.36	-0.71	-0.65	-0.22	-1.89	-3.43	-2.94	-1.21	-1.19	-0.91
	-2.72	3.24	-0.59	5.24	5.28	-0.61	-0.23	-0.66	-0.13	-0.14	-0.05	0.00	-4.02	-7.25	-3.67	-0.49	-10.44	-34.20	-17.81	-0.02	-0.35	0.00	-0.02	0.00
OAKDALE____35_KV_LOAD 356122	18.27	40.13	23.99	37.74	41.25	27.80	42.93	34.65	31.66	33.00	35.23	34.81	36.22	33.67	29.42	35.54	57.18	112.36	115.90	165.38	121.64	42.16	35.72	36.49
	0.07	0.21	0.10	0.17	0.19	0.25	0.54	0.54	0.39	0.34	0.40	0.46	0.54	0.43	0.32	0.45	0.48	0.21	0.95	3.52	2.36	0.63	0.48	0.51
	-10.42	-13.07	-9.14	-17.09	-21.76	-3.49	-2.74	-2.93	-4.35	-1.89	-1.83	-1.67	-1.93	-5.70	-10.08	-2.45	-30.88	-100.91	-58.73	0.00	0.00	0.00	0.00	0.00
OCC_CHEM____DRP 24175	4.42	11.14	10.62	7.41	2.56	12.29	23.26	20.10	16.40	18.43	20.87	20.66	23.70	21.08	15.36	24.82	31.56	37.83	61.11	144.08	109.61	37.89	32.04	33.33
	-0.64	-2.21	-1.27	-1.55	-1.42	-2.00	-3.78	-2.79	-2.01	-1.62	-1.61	-1.57	-1.89	-1.87	-1.11	-2.18	-2.03	-0.81	-5.56	-12.43	-10.01	-3.64	-3.22	-2.64
	2.72	13.50	2.86	11.52	15.33	9.77	12.60	8.28	8.51	10.72	10.53	10.44	8.16	4.59	2.54	5.64	-7.78	-27.39	-10.45	5.35	-0.33	0.00	-0.02	0.00
OH_GEN_PROXY 24063	5.26	12.54	11.17	8.10	3.77	8.73	26.16	22.02	17.85	20.23	22.61	22.39	25.75	22.96	16.40	25.95	32.41	39.30	63.42	147.63	111.79	38.60	32.48	33.84
	-0.60	-2.11	-1.18	-1.51	-1.38	-1.75	-2.90	-2.22	-1.75	-1.41	-1.41	-1.37	-1.58	-1.69	-1.01	-1.96	-1.69	-0.68	-4.57	-9.77	-7.84	-2.93	-2.66	-2.14
	1.92	12.19	2.40	10.86	14.16	13.57	10.59	6.94	7.32	9.14	8.98	8.91	6.41	2.89	1.60	4.73	-8.29	-28.73	-11.78	4.47	-0.34	0.00	0.09	0.00
OLIN_CORP_DRP 24177	4.33	10.91	10.55	7.23	2.28	12.05	23.61	20.50	16.34	18.15	20.58	20.29	23.40	20.72	15.19	24.73	31.53	37.95	61.47	144.64	109.91	37.96	32.10	33.43
	-0.62	-2.16	-1.25	-1.52	-1.37	-1.74	-3.04	-2.18	-1.66	-1.38	-1.38	-1.44	-1.62	-1.70	-1.01	-1.98	-2.04	-0.65	-5.18	-11.83	-9.72	-3.57	-3.16	-2.55
	2.83	13.78	2.95	11.73	15.65	10.26	13.00	8.50	8.91	11.24	11.04	10.94	8.72	5.11	2.81	5.93	-7.76	-27.34	-10.43	5.39	-0.34	0.00	-0.02	0.00
OLIN_CORP_DSASP 323712	4.42	11.14	10.62	7.41	2.56	12.29	23.26	20.10	16.40	18.43	20.87	20.66	23.70	21.08	15.36	24.82	31.56	37.83	61.11	144.08	109.61	37.89	32.04	33.33
	-0.64	-2.21	-1.27	-1.55	-1.42	-2.00	-3.78	-2.79	-2.01	-1.62	-1.61	-1.57	-1.89	-1.87	-1.11	-2.18	-2.03	-0.81	-5.56	-12.43	-10.01	-3.64	-3.22	-2.64
	2.72	13.50	2.86	11.52	15.33	9.77	12.60	8.28	8.51	10.72	10.53	10.44	8.16	4.59	2.54	5.64	-7.78	-27.39	-10.45	5.35	-0.33	0.00	-0.02	0.00
ONEIDA_HERK_LFGE 323681	8.88	26.88	15.32	20.63	19.82	24.08	52.01	56.77	43.06	30.03	32.34	32.08	78.08	99.43	48.34	63.16	57.32	42.45	64.04	162.69	124.93	42.36	36.25	36.53
	-0.10	-0.36	-0.21	-0.30	-0.26	-0.22	-0.18	-0.31	-0.36	-0.77	-0.69	-0.59	-0.14	-0.19	-0.30	-0.30	-0.50	0.00	0.16	0.56	1.75	0.83	0.75	0.56
	-1.20	-0.40	-0.78	-0.46	-0.78	-0.24	-12.54	-25.90	-16.51	-0.03	-0.02	0.00	-44.47	-72.08	-29.63	-30.81	-32.01	-31.20	-7.67	-0.26	-3.89	0.00	-0.26	0.00
ONEIDA____115KV_TB4 55905	9.65	27.83	16.10	21.43	20.73	24.84	44.47	40.00	32.69	31.01	33.26	32.89	51.64	56.31	30.36	43.01	40.81	37.09	68.75	166.52	124.41	42.72	36.35	36.90
	0.12	0.40	0.21	0.29	0.30	0.42	0.85	0.61	0.42	0.19	0.23	0.22	0.52	0.53	0.24	0.65	0.30	0.33	1.41	4.55	3.59	1.19	1.01	0.93
	-1.74	-0.59	-1.14	-0.66	-1.13	-0.36	-3.97	-8.21	-5.35	-0.05	-0.03	0.00	-17.36	-28.25	-11.10	-9.71	-14.70	-25.51	-11.13	-0.10	-1.52	0.00	-0.10	0.00
ONONDAGA_REF_OCCRA 23987	10.88	27.84	16.74	21.62	21.30	24.69	39.99	31.82	27.56	30.83	33.06	32.78	41.60	40.46	23.50	33.23	36.78	47.18	75.42	162.39	120.15	41.50	35.22	35.92
	-0.01	-0.05	-0.04	-0.04	-0.01	0.00	0.10	0.11	0.03	-0.02	0.01	0.11	0.19	0.18	0.11	0.07	0.01	0.02	-0.08	0.48	0.18	-0.03	-0.06	-0.06
	-3.11	-1.04	-2.03	-1.18	-2.01	-0.63	-0.24	-0.53	-0.62	-0.08	-0.05	0.00	-7.67	-12.74	-4.38	-0.51	-10.96	-35.91	-19.29	-0.05	-0.67	0.00	-0.05	0.00
ONONDAGA____COGEN 23986	10.51	26.51	16.15	19.69	19.06	24.59	39.89	31.59	27.19	30.74	32.96	32.69	41.04	39.60	23.12	33.04	35.79	44.20	73.54	161.86	119.71	41.36	35.09	35.82
	-0.03	-0.11	-0.07	-0.08	-0.06	-0.05	0.02	0.01	-0.08	-0.10	-0.09	0.02	0.08	0.10	0.05	-0.08	-0.08	-0.03	-0.30	-0.05	-0.22	-0.17	-0.20	-0.16
	-2.76	0.23	-1.47	0.70	0.18	-0.58	-0.22	-0.40	-0.35	-0.08	-0.04	0.00	-7.22	-11.96	-4.05	-0.47	-10.06	-32.97	-17.62	-0.04	-0.63	0.00	-0.04	0.00
ONTARIO____LFGE 23819	14.70	27.18	16.93	14.91	15.95	31.38	47.92	37.09	31.80	37.60	39.53	39.38	46.19	43.63	27.68	36.76	41.00	60.43	83.50	166.66	119.93	41.45	35.00	35.92
	-0.15	-0.69	-0.40	-0.53	-0.45	-0.37	-0.49	-0.45	-0.53	-0.55	-0.55	-0.23	-0.18	-0.20	-0.15	-0.60	-0.21	-0.11	-0.50	1.28	0.23	-0.08	-0.27	-0.06
	-7.08	-1.03	-2.58	5.04	2.90	-7.69	-8.76	-6.36	-5.42	-7.39	-7.08	-6.93	-12.63	-16.29	-8.82	-4.71	-15.41	-49.28	-27.79	-3.51	-0.41	0.00	-0.03	0.00
ORANGEVILLE_WT_PWR 323706	-11.05	-14.21	1.71	-5.33	-20.04	-16.43	-10.91	-22.77	-20.46	-13.12	-8.99	-8.66	-9.60	-11.31	-2.51	7.65	22.07	11.11	37.87	134.83	115.86	39.95	33.69	34.90
	-0.61	-2.38	-1.25	-1.72	-1.53	-1.89	-3.16	-2.71	-2.22	-2.17	-2.19	-2.01	-1.94	-1.82	-1.12	-2.29	-1.79	-0.65	-3.53	-4.62	-3.77	-1.58	-1.57	-1.08
	18.22	38.68	11.80	24.09	37.81	38.59	47.40	51.24	45.16	41.72	39.80	39.33	41.41	37.03	20.40	22.70	1.95	-0.50	14.82	22.41	-0.34	0.00	-0.02	0.00
ORANGEVILLE____ESR 323794	-11.05	-14.21	1.71	-5.33	-20.04	-16.43	-10.91	-22.77	-20.46	-13.12	-8.99	-8.66	-9.60	-11.31	-2.51	7.65	22.07	11.11	37.87	134.83	115.86	39.95	33.69	34.90
	-0.61	-2.38	-1.25	-1.72	-1.53	-1.89	-3.16	-2.71	-2.22	-2.17	-2.19	-2.01	-1.94	-1.82	-1.12	-2.29	-1.79	-0.65	-3.53	-4.62	-3.77	-1.58	-1.57	-1.08
	18.22	38.68	11.80	24.09	37.81	38.59	47.40	51.24	45.16	41.72	39.80	39.33	41.41	37.03	20.40	22.70	1.95	-0.50	14.82	22.41	-0.34	0.00	-0.02	0.00

OSWEGATCHIE___HYD 24044	8.20	25.49	14.41	19.51	18.64	22.76	23.78	1.17	7.50	28.66	30.87	30.69	195.52	263.13	20.95	-3.00	-3.41	2.15	58.92	153.60	128.39	40.19	35.29	34.86
	-0.49	-1.66	-0.93	-1.31	-1.24	-1.48	-2.36	-2.11	-1.83	-2.13	-2.15	-1.98	-1.56	-1.66	-1.43	-2.36	-2.10	-0.75	-3.10	-9.21	-5.20	-1.35	-0.91	-1.12
	-0.90	-0.31	-0.59	-0.34	-0.59	-0.18	13.52	27.90	17.59	-0.02	-0.01	0.00	-163.32	-237.25	-3.36	33.30	27.12	8.34	-5.81	-0.95	-14.30	-0.01	-0.95	0.00
OSWEGO___5 23606	9.60	26.95	15.73	20.80	20.20	23.98	39.07	30.96	26.86	30.29	32.48	32.18	37.59	34.48	21.58	32.41	32.72	35.40	67.98	158.49	117.07	40.57	34.45	35.20
	-0.16	-0.56	-0.32	-0.43	-0.39	-0.48	-0.73	-0.56	-0.48	-0.54	-0.55	-0.49	-0.49	-0.41	-0.28	-0.59	-0.53	-0.24	-1.33	-3.40	-2.60	-0.95	-0.81	-0.78
	-1.99	-0.67	-1.30	-0.76	-1.29	-0.40	-0.15	-0.34	-0.42	-0.06	-0.03	0.00	-4.33	-7.36	-2.84	-0.35	-7.44	-24.39	-13.10	-0.03	-0.38	0.00	-0.03	0.00
OSWEGO___6 23613	9.60	26.95	15.73	20.80	20.20	23.98	39.07	30.96	26.86	30.29	32.48	32.18	37.59	34.48	21.58	32.41	32.72	35.40	67.98	158.49	117.07	40.57	34.45	35.20
	-0.16	-0.56	-0.32	-0.43	-0.39	-0.48	-0.73	-0.56	-0.48	-0.54	-0.55	-0.49	-0.49	-0.41	-0.28	-0.59	-0.53	-0.24	-1.33	-3.40	-2.60	-0.95	-0.81	-0.78
	-1.99	-0.67	-1.30	-0.76	-1.29	-0.40	-0.15	-0.34	-0.42	-0.06	-0.03	0.00	-4.33	-7.36	-2.84	-0.35	-7.44	-24.39	-13.10	-0.03	-0.38	0.00	-0.03	0.00
OUTOKUMPU-AB___DRP 24206	4.15	10.76	10.60	7.19	2.03	11.93	23.70	20.62	16.33	18.12	20.66	20.45	23.44	20.68	15.27	25.05	32.06	37.80	62.57	149.05	113.40	39.09	33.03	34.31
	-0.49	-1.73	-1.01	-1.20	-1.07	-1.45	-2.63	-1.87	-1.35	-0.99	-0.89	-0.87	-1.11	-1.28	-0.68	-1.43	-1.41	-0.48	-3.87	-7.32	-6.24	-2.44	-2.24	-1.67
	3.14	14.36	3.14	12.08	16.20	10.67	13.32	8.69	9.23	11.66	11.45	11.35	9.20	5.58	3.06	6.17	-7.67	-27.03	-10.23	5.49	-0.34	0.00	-0.02	0.00
OXBOW___BTM 323836	4.31	11.00	10.63	7.29	2.30	12.23	23.91	20.61	16.39	18.42	20.93	20.70	23.76	20.98	15.39	25.08	31.94	37.85	62.21	147.20	112.00	38.67	32.67	33.97
	-0.54	-1.92	-1.12	-1.38	-1.23	-1.60	-2.96	-2.24	-1.65	-1.16	-1.08	-1.07	-1.31	-1.47	-0.82	-1.66	-1.61	-0.61	-4.47	-9.37	-7.63	-2.86	-2.59	-2.00
	2.93	13.93	3.00	11.80	15.77	10.22	12.78	8.33	8.88	11.19	11.00	10.90	8.69	5.09	2.80	5.90	-7.74	-27.21	-10.47	5.29	-0.34	0.00	-0.02	0.00
OXBOW___ 24026	4.31	11.04	10.66	7.37	2.36	12.20	23.81	20.64	16.47	18.39	20.89	20.68	23.69	20.98	15.39	25.07	31.94	37.86	62.22	147.44	112.02	38.67	32.68	33.97
	-0.54	-1.87	-1.09	-1.30	-1.17	-1.63	-3.06	-2.21	-1.57	-1.19	-1.12	-1.09	-1.37	-1.47	-0.82	-1.67	-1.61	-0.60	-4.46	-9.13	-7.62	-2.86	-2.59	-2.01
	2.93	13.93	3.00	11.80	15.77	10.22	12.78	8.33	8.88	11.19	11.00	10.90	8.69	5.09	2.80	5.90	-7.74	-27.21	-10.47	5.29	-0.34	0.00	-0.02	0.00
OXY_CHEM_DSASP 323612	4.42	11.14	10.62	7.41	2.56	12.29	23.26	20.10	16.40	18.43	20.87	20.66	23.70	21.08	15.36	24.82	31.56	37.83	61.11	144.08	109.61	37.89	32.04	33.33
	-0.64	-2.21	-1.27	-1.55	-1.42	-2.00	-3.78	-2.79	-2.01	-1.62	-1.61	-1.57	-1.89	-1.87	-1.11	-2.18	-2.03	-0.81	-5.56	-12.43	-10.01	-3.64	-3.22	-2.64
	2.72	13.50	2.86	11.52	15.33	9.77	12.60	8.28	8.51	10.72	10.53	10.44	8.16	4.59	2.54	5.64	-7.78	-27.39	-10.45	5.35	-0.33	0.00	-0.02	0.00
OZONE_PARK_ESR 323760	33.89	37.46	32.50	31.74	37.21	31.29	45.11	38.73	34.66	34.42	36.71	36.15	37.12	41.24	46.61	40.16	117.98	305.06	224.04	179.21	132.23	45.44	38.46	39.00
	0.68	2.08	1.15	1.60	1.44	2.05	3.41	3.03	2.68	2.99	3.32	3.48	3.37	2.89	2.01	3.39	2.93	1.38	6.22	17.35	12.94	3.91	3.22	3.02
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	4.42	11.14	10.62	7.41	2.56	12.29	23.26	20.10	16.40	18.43	20.87	20.66	23.70	21.08	15.36	24.82	31.56	37.83	61.11	144.08	109.61	37.89	32.04	33.33
	-0.64	-2.21	-1.27	-1.55	-1.42	-2.00	-3.78	-2.79	-2.01	-1.62	-1.61	-1.57	-1.89	-1.87	-1.11	-2.18	-2.03	-0.81	-5.56	-12.43	-10.01	-3.64	-3.22	-2.64
	2.72	13.50	2.86	11.52	15.33	9.77	12.60	8.28	8.51	10.72	10.53	10.44	8.16	4.59	2.54	5.64	-7.78	-27.39	-10.45	5.35	-0.33	0.00	-0.02	0.00
PACKARD___115KV_DUPONT_184 80571	4.43	11.10	10.59	7.33	2.51	12.32	23.36	20.09	16.34	18.46	20.91	20.68	23.77	21.07	15.35	24.83	31.57	37.82	61.11	143.84	109.60	37.90	32.05	33.34
	-0.63	-2.25	-1.30	-1.62	-1.47	-1.97	-3.69	-2.81	-2.07	-1.59	-1.57	-1.54	-1.81	-1.87	-1.12	-2.18	-2.02	-0.81	-5.56	-12.67	-10.02	-3.63	-3.22	-2.63
	2.72	13.50	2.86	11.52	15.33	9.77	12.60	8.28	8.51	10.72	10.53	10.44	8.16	4.59	2.54	5.64	-7.78	-27.39	-10.45	5.35	-0.33	0.00	-0.02	0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.84	37.29	32.43	31.60	37.08	31.13	44.74	38.50	34.42	34.12	36.38	35.83	36.76	40.99	46.44	39.90	117.72	304.93	223.28	177.17	131.07	45.10	38.20	38.65
	0.63	1.91	1.07	1.45	1.31	1.88	3.05	2.80	2.43	2.68	2.99	3.16	3.01	2.64	1.84	3.12	2.67	1.26	5.46	15.31	11.78	3.57	2.96	2.68
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.03	37.90	32.77	32.07	37.53	31.74	45.88	39.28	35.06	34.83	37.14	36.66	37.53	41.60	46.87	40.63	118.34	305.18	224.49	180.73	134.25	46.11	39.07	39.57
	0.82	2.51	1.41	1.92	1.77	2.50	4.18	3.58	3.07	3.40	3.75	3.99	3.78	3.25	2.26	3.86	3.29	1.51	6.67	18.87	14.96	4.58	3.82	3.60
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
PATROON___115KV_TB1 80586	37.51	37.72	34.51	32.43	39.05	30.94	43.40	37.49	33.77	32.69	34.73	33.86	34.87	41.14	49.43	38.84	130.19	350.04	244.88	167.79	123.54	43.00	36.53	37.23
	0.29	0.99	0.53	0.75	0.68	0.88	1.39	1.10	0.99	1.15	1.28	1.19	1.13	1.08	0.79	1.41	1.13	0.48	2.34	5.93	4.25	1.48	1.28	1.26
	-29.44	-9.88	-19.23	-11.20	-19.06	-6.01	-2.35	-5.22	-5.86	-0.77	-0.44	0.00	0.00	-12.52	-29.63	-4.78	-103.25	-338.32	-186.32	0.00	0.00	0.00	0.00	0.00
PATTRSNVILLE___SOLAR 323815	38.85	38.25	35.42	32.98	39.99	31.32	43.77	37.65	33.78	32.57	34.34	33.22	34.31	41.19	50.52	38.77	134.71	365.57	253.53	168.80	124.47	43.28	36.72	37.43
	0.31	1.07	0.58	0.80	0.77	0.99	1.68	1.07	0.76	0.99	0.87	0.55	0.56	0.56	0.54	1.12	0.92	0.50	2.44	6.93	5.18	1.75	1.48	1.46
	-30.76	-10.33	-20.09	-11.70	-19.92	-6.28	-2.44	-5.41	-6.11	-0.81	-0.46	0.00	0.00	-13.09	-30.98	-5.00	-107.98	-353.81	-194.88	0.00	0.00	0.00	0.00	0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	3.63	8.90	10.09	5.47	-0.27	10.73	22.38	19.71	15.29	16.77	19.35	19.21	22.13	19.44	14.74	24.30	32.48	39.04	63.33	150.66	114.75	39.47	33.29	34.52
	-0.47	-1.66	-0.97	-1.17	-1.04	-1.37	-2.18	-1.56	-1.23	-0.94	-0.86	-0.79	-0.88	-1.10	-0.61	-1.43	-1.26	-0.41	-3.32	-5.34	-4.88	-2.06	-1.98	-1.46
	3.69	16.28	3.68	13.85	18.53	11.95	15.09	9.92	10.40	13.06	12.79	12.67	10.74	7.00	3.66	6.91	-7.93	-28.19	-10.43	5.85	-0.34	0.00	-0.02	0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	34.25 0.62 -25.85	37.46 1.94 -8.68	32.68 1.05 -16.88	31.78 1.47 -9.83	37.39 1.35 -16.74	31.19 1.86 -5.27	44.90 3.17 -2.08	38.54 2.76 -4.60	34.46 2.39 -5.16	34.06 2.62 -0.68	36.29 2.90 -0.39	35.67 3.00 0.00	36.63 2.88 0.00	41.00 2.46 -10.99	46.77 1.74 -26.01	39.83 2.98 -4.20	119.13 2.61 -90.72	309.74 1.24 -297.25	225.27 5.70 -163.37	177.82 15.96 0.00	130.95 11.66 0.00	45.09 3.56 0.00	38.14 2.90 0.00	38.70 2.73 0.00
PEEKSKILL____ 23653	33.69 0.56 -25.35	37.95 1.74 -9.37	32.51 0.96 -16.80	32.76 1.34 -10.95	38.40 1.22 -17.88	30.91 1.69 -5.16	44.49 2.81 -2.03	38.19 2.51 -4.51	34.15 2.19 -5.05	33.85 2.42 -0.66	36.09 2.71 -0.38	35.51 2.83 0.00	36.47 2.72 0.00	40.65 2.36 -10.76	46.11 1.65 -25.45	39.52 2.76 -4.11	116.99 2.42 -88.77	303.27 1.14 -290.87	222.24 5.23 -160.80	176.54 14.67 0.00	130.03 10.74 0.00	44.72 3.20 0.00	37.87 2.63 0.00	38.45 2.47 0.00
PGE MADISON__WINDPWR 24146	19.19 0.17 -11.24	34.22 0.65 -6.73	22.74 0.38 -7.62	27.81 0.53 -6.81	30.39 0.56 -10.53	29.21 0.76 -4.39	44.95 1.55 -3.75	35.90 1.13 -3.60	31.67 0.67 -4.08	33.34 -0.14 -2.71	35.20 -0.35 -2.55	34.54 -0.50 -2.37	36.27 -0.20 -2.73	34.44 0.04 -6.87	31.04 0.59 -11.43	36.32 0.67 -3.01	66.85 1.56 -39.48	141.23 1.01 -128.96	133.02 5.05 -71.75	180.75 17.74 -1.14	131.04 11.75 0.00	45.01 3.48 0.00	38.22 2.98 0.00	39.02 3.04 0.00
PIERCEFIELD____HYD 23852	7.90 -0.42 -0.54	25.63 -1.40 -0.18	14.30 -0.80 -0.35	19.53 -1.15 -0.20	18.52 -1.13 -0.35	22.82 -1.35 -0.11	29.53 -2.23 7.89	12.96 -1.93 16.29	15.04 -1.61 10.27	29.22 -1.57 -0.01	31.34 -1.68 -0.01	31.05 -1.62 0.00	269.24 -1.35 -236.84	374.80 -1.61 -348.87	41.89 -1.43 -24.31	10.87 -2.34 19.44	8.11 -1.90 15.80	5.79 -0.70 4.76	56.61 -3.06 -3.45	154.31 -8.93 -1.38	134.29 -5.74 -20.73	39.86 -1.68 -0.01	35.35 -1.27 -1.38	34.61 -1.37 0.00
PINELAWN_CC_I 323563	54.96 0.68 -46.50	53.68 2.15 -24.68	54.90 1.20 -38.95	52.95 1.70 -30.77	37.23 1.46 -16.46	31.32 2.07 -5.19	44.78 3.08 -2.04	38.34 2.63 -4.53	34.29 2.30 -5.07	34.02 2.58 -0.67	36.42 3.04 -0.38	35.80 3.14 0.00	36.74 3.00 0.00	40.70 2.35 -10.81	43.06 1.58 -22.46	35.57 2.69 -0.24	60.66 2.31 -32.54	79.17 1.22 -66.70	207.10 5.24 -145.64	171.29 14.94 5.52	102.67 10.90 27.52	39.12 3.25 5.65	38.09 2.85 0.00	38.79 2.81 0.00
PJM_GEN_HTP_PROXY 323702	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.76 1.34 -17.11	31.13 1.89 -5.19	44.80 3.11 -2.04	38.49 2.79 -4.53	34.47 2.48 -5.07	34.20 2.76 -0.67	36.48 3.10 -0.38	35.90 3.23 0.00	36.88 3.14 0.00	41.05 2.70 -10.81	46.48 1.88 -25.59	39.93 3.16 -4.13	117.79 2.74 -89.24	291.83 1.29 -279.29	223.59 5.78 -161.60	177.91 16.04 0.00	131.17 11.88 0.00	45.38 3.56 -0.30	38.15 2.93 0.03	38.73 2.75 0.00
PJM_GEN_KEystone 24065	21.48 0.09 -13.61	25.84 0.12 1.12	21.75 -0.05 -7.05	18.18 0.00 2.30	19.58 0.01 -0.27	24.04 0.19 0.21	37.37 0.42 2.70	31.38 0.50 0.30	26.90 0.40 0.42	28.47 0.62 2.92	30.89 0.84 2.96	30.54 1.00 3.13	34.91 0.97 -0.20	36.48 0.68 -8.27	32.72 0.55 -13.15	33.76 0.63 -0.49	75.71 0.59 -49.31	160.57 0.34 -148.99	145.07 1.02 -87.84	165.57 4.96 1.26	125.84 3.24 -3.32	39.85 0.54 2.22	35.53 0.29 0.00	36.46 0.49 0.00
PJM_GEN_NEPTUNE_PROXY 323594	52.02 0.63 -43.61	51.30 1.98 -22.47	51.74 1.10 -35.88	49.92 1.57 -27.88	37.74 1.32 -17.12	31.11 1.86 -5.19	44.49 2.79 -2.04	38.14 2.43 -4.53	34.17 2.18 -5.07	33.92 2.48 -0.67	36.26 2.88 -0.38	35.67 3.01 0.00	36.63 2.88 0.00	40.66 2.31 -10.81	42.35 1.60 -21.74	34.66 2.68 0.66	49.48 2.29 -21.38	22.16 1.18 -9.73	203.21 5.06 -141.94	169.13 14.06 6.79	95.58 10.19 33.89	37.88 3.02 6.67	37.87 2.65 0.03	38.58 2.60 0.00
PJM_GEN_VFT_PROXY 323633	33.81 0.60 -25.43	37.18 1.80 -8.54	32.35 1.00 -16.61	31.55 1.40 -9.67	37.68 1.26 -17.12	31.04 1.80 -5.19	44.67 2.97 -2.04	38.38 2.67 -4.53	34.37 2.38 -5.07	34.07 2.64 -0.67	36.33 2.94 -0.38	35.76 3.09 0.00	36.75 3.00 0.00	40.96 2.61 -10.81	46.43 1.82 -25.59	39.81 3.04 -4.13	117.70 2.65 -89.24	291.80 1.25 -279.29	223.40 5.58 -161.61	177.37 15.51 0.00	130.89 11.60 0.00	45.25 3.43 -0.30	38.02 2.80 0.03	38.57 2.60 0.00
PLATSBURG_115KV_PMLD1 355749	7.64 -0.14 0.00	26.38 -0.47 0.00	14.48 -0.27 0.00	20.04 -0.44 0.00	18.86 -0.44 0.00	23.57 -0.49 0.00	37.63 -0.78 1.25	27.89 -0.72 2.57	24.73 -0.56 1.63	30.02 -0.75 0.00	32.01 -1.00 0.00	31.58 -1.09 0.00	17.17 -0.91 15.67	2.73 -0.65 24.16	13.68 -0.62 4.70	28.51 -1.07 3.07	22.20 -0.83 2.78	9.17 -0.36 1.73	55.21 -1.00 0.00	158.91 -2.86 0.09	115.63 -2.24 1.42	41.06 -0.47 0.00	34.78 -0.37 0.09	35.66 -0.31 0.00
PLEASANTVLY____LBMP 24000	34.45 0.52 -26.16	37.24 1.61 -8.78	32.71 0.88 -17.08	31.66 1.23 -9.95	37.36 1.12 -16.93	30.94 1.55 -5.33	44.35 2.59 -2.10	38.12 2.29 -4.66	34.13 1.99 -5.22	33.66 2.21 -0.69	35.88 2.48 -0.39	35.25 2.58 0.00	36.18 2.43 0.00	40.75 2.09 -11.12	46.80 1.46 -26.32	39.38 2.49 -4.25	119.77 2.19 -91.77	312.98 1.03 -300.70	226.92 4.71 -166.00	174.91 13.05 0.00	128.82 9.53 0.00	44.43 2.90 0.00	37.63 2.39 0.00	38.23 2.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.88 0.59 -25.50	37.25 1.84 -8.56	32.42 1.01 -16.66	31.59 1.41 -9.70	37.09 1.28 -16.51	31.05 1.79 -5.20	44.70 2.99 -2.05	38.36 2.64 -4.54	34.33 2.33 -5.09	34.03 2.59 -0.67	36.29 2.91 -0.38	35.70 3.03 0.00	36.67 2.92 0.00	40.88 2.50 -10.85	46.43 1.75 -25.67	39.74 2.96 -4.14	117.87 2.56 -89.50	305.73 1.21 -293.27	223.78 5.52 -162.05	177.19 15.33 0.00	130.57 11.28 0.00	44.92 3.39 0.00	38.04 2.80 0.00	38.63 2.65 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.88 0.59 -25.50	37.25 1.84 -8.56	32.42 1.01 -16.66	31.59 1.41 -9.70	37.09 1.28 -16.51	31.05 1.79 -5.20	44.70 2.99 -2.05	38.36 2.64 -4.54	34.33 2.33 -5.09	34.03 2.59 -0.67	36.29 2.91 -0.38	35.70 3.03 0.00	36.67 2.92 0.00	40.88 2.50 -10.85	46.43 1.75 -25.67	39.74 2.96 -4.14	117.87 2.56 -89.50	305.73 1.21 -293.27	223.78 5.52 -162.05	177.19 15.33 0.00	130.57 11.28 0.00	44.92 3.39 0.00	38.04 2.80 0.00	38.63 2.65 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.58 0.58 -26.22	37.48 1.84 -8.80	32.87 0.99 -17.12	31.84 1.39 -9.98	37.56 1.28 -16.98	31.14 1.73 -5.35	44.70 2.94 -2.11	38.38 2.54 -4.67	34.32 2.17 -5.23	33.82 2.36 -0.69	36.00 2.61 -0.39	35.34 2.67 0.00	36.30 2.55 0.00	40.87 2.19 -11.15	46.94 1.54 -26.39	39.58 2.68 -4.26	120.16 2.34 -92.00	313.84 1.11 -301.48	226.85 5.19 -165.45	176.45 14.59 0.00	129.89 10.60 0.00	44.81 3.29 0.00	37.92 2.68 0.00	38.52 2.54 0.00
POLETTI____ 23519	33.82 0.61 -25.43	37.25 1.87 -8.54	32.40 1.04 -16.61	31.60 1.45 -9.67	37.06 1.30 -16.46	31.10 1.86 -5.19	44.77 3.07 -2.04	38.43 2.73 -4.53	34.42 2.43 -5.07	34.15 2.71 -0.67	36.41 3.03 -0.38	35.85 3.18 0.00	36.82 3.07 0.00	40.99 2.64 -10.81	46.44 1.84 -25.59	39.87 3.09 -4.13	117.74 2.69 -89.24	304.94 1.27 -292.42	223.48 5.66 -161.61	177.52 15.66 0.00	130.98 11.69 0.00	45.03 3.50 0.00	38.12 2.88 0.00	38.67 2.70 0.00

POMONA___ESR 323819	33.38 0.57 -25.04	37.90 1.77 -9.29	32.32 0.97 -16.60	32.70 1.36 -10.86	38.26 1.25 -17.71	30.86 1.71 -5.10	44.51 2.85 -2.01	38.16 2.53 -4.45	34.10 2.20 -4.98	33.85 2.43 -0.65	36.10 2.73 -0.37	35.54 2.87 0.00	36.52 2.77 0.00	40.58 2.42 -10.62	45.84 1.69 -25.14	39.53 2.83 -4.06	115.93 2.46 -87.67	299.67 1.16 -287.26	220.47 5.35 -158.91	176.89 15.03 0.00	130.31 11.02 0.00	44.79 3.26 0.00	37.92 2.68 0.00	38.51 2.54 0.00
PORT_JEFF_3 23555	53.21 0.65 -44.78	52.27 2.06 -23.37	53.05 1.18 -37.12	51.21 1.69 -29.05	37.23 1.46 -16.46	31.34 2.09 -5.19	44.76 3.07 -2.04	38.30 2.59 -4.53	34.20 2.21 -5.07	33.95 2.51 -0.67	36.39 3.00 -0.38	35.76 3.09 0.00	36.70 2.95 0.00	40.60 2.25 -10.81	42.54 1.50 -22.03	34.94 2.59 0.30	54.60 2.25 -26.55	55.47 1.21 -43.01	204.73 5.08 -143.44	170.11 14.52 6.28	98.54 10.57 31.32	38.17 3.07 6.43	37.96 2.72 0.00	38.72 2.74 0.00
PORT_JEFF_4 23616	53.21 0.65 -44.78	52.27 2.06 -23.37	53.05 1.18 -37.12	51.21 1.69 -29.05	37.23 1.46 -16.46	31.34 2.09 -5.19	44.76 3.07 -2.04	38.30 2.59 -4.53	34.20 2.21 -5.07	33.95 2.51 -0.67	36.39 3.00 -0.38	35.76 3.09 0.00	36.70 2.95 0.00	40.60 2.25 -10.81	42.54 1.50 -22.03	34.94 2.59 0.30	54.60 2.25 -26.55	55.47 1.21 -43.01	204.73 5.08 -143.44	170.11 14.52 6.28	98.54 10.57 31.32	38.17 3.07 6.43	37.96 2.72 0.00	38.72 2.74 0.00
PORT_JEFF_IC 23713	53.27 0.66 -44.83	52.32 2.08 -23.40	53.12 1.19 -37.17	51.27 1.70 -29.09	37.24 1.47 -16.46	31.38 2.13 -5.19	44.84 3.14 -2.04	38.33 2.62 -4.53	34.18 2.19 -5.07	33.92 2.49 -0.67	36.42 3.04 -0.38	35.81 3.14 0.00	36.74 2.99 0.00	40.63 2.28 -10.81	42.57 1.51 -22.04	35.00 2.63 0.28	54.89 2.32 -26.76	56.34 1.26 -43.83	204.95 5.23 -143.50	170.57 14.96 6.26	99.02 10.94 31.21	38.22 3.10 6.41	37.97 2.72 0.00	38.78 2.80 0.00
PPL PILGRIM_ST_GT1 24216	53.55 0.70 -45.08	52.65 2.22 -23.59	53.44 1.25 -37.43	51.59 1.77 -29.34	37.29 1.53 -16.46	31.41 2.16 -5.19	44.87 3.17 -2.04	38.38 2.67 -4.53	34.33 2.34 -5.07	34.08 2.65 -0.67	36.55 3.17 -0.38	35.93 3.26 0.00	36.86 3.12 0.00	40.76 2.40 -10.81	42.73 1.61 -22.11	35.19 2.75 0.20	56.02 2.37 -27.84	60.50 1.20 -48.06	205.16 5.13 -143.82	170.39 14.67 6.15	99.30 10.67 30.67	38.40 3.17 6.30	38.12 2.88 0.00	38.86 2.89 0.00
PPL PILGRIM_ST_GT2 24217	53.55 0.70 -45.08	52.65 2.22 -23.59	53.44 1.25 -37.43	51.59 1.77 -29.34	37.29 1.53 -16.46	31.41 2.16 -5.19	44.87 3.17 -2.04	38.38 2.67 -4.53	34.33 2.34 -5.07	34.08 2.65 -0.67	36.55 3.17 -0.38	35.93 3.26 0.00	36.86 3.12 0.00	40.76 2.40 -10.81	42.73 1.61 -22.11	35.19 2.75 0.20	56.02 2.37 -27.84	60.50 1.20 -48.06	205.16 5.13 -143.82	170.39 14.67 6.15	99.30 10.67 30.67	38.40 3.17 6.30	38.12 2.88 0.00	38.86 2.89 0.00
PPL_SHRM_GT3 24213	53.22 0.63 -44.81	52.23 2.00 -23.39	53.05 1.15 -37.15	51.20 1.65 -29.07	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.04 -2.04	38.27 2.56 -4.53	34.20 2.21 -5.07	33.92 2.48 -0.67	36.28 2.90 -0.38	35.64 2.97 0.00	36.55 2.80 0.00	40.48 2.13 -10.81	42.46 1.41 -22.04	34.84 2.48 0.29	54.64 2.18 -26.66	55.88 1.20 -43.43	204.72 5.04 -143.47	170.11 14.51 6.27	98.70 10.67 31.26	38.25 3.14 6.42	38.03 2.78 0.00	38.72 2.74 0.00
PPL_SHRM_GT4 24214	53.22 0.63 -44.81	52.23 2.00 -23.39	53.05 1.15 -37.15	51.20 1.65 -29.07	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.04 -2.04	38.27 2.56 -4.53	34.20 2.21 -5.07	33.92 2.48 -0.67	36.28 2.90 -0.38	35.64 2.97 0.00	36.55 2.80 0.00	40.48 2.13 -10.81	42.46 1.41 -22.04	34.84 2.48 0.29	54.64 2.18 -26.66	55.88 1.20 -43.43	204.72 5.04 -143.47	170.11 14.51 6.27	98.70 10.67 31.26	38.25 3.14 6.42	38.03 2.78 0.00	38.72 2.74 0.00
PROJECT___ORANGE 1 24174	10.30 -0.05 -2.58	27.51 -0.20 -0.87	16.31 -0.12 -1.68	21.31 -0.15 -0.98	20.85 -0.12 -1.67	24.44 -0.14 -0.52	39.71 -0.14 -0.20	31.54 -0.07 -0.44	27.32 -0.11 -0.51	30.70 -0.14 -0.07	32.93 -0.11 -0.04	32.66 -0.01 0.00	42.51 0.06 -8.71	41.64 0.05 -14.06	23.04 0.01 -4.01	32.98 -0.09 -0.42	34.77 -0.13 -9.10	41.03 -0.04 -29.82	71.78 -0.43 -16.00	161.26 -0.66 -0.05	119.39 -0.66 -0.76	41.22 -0.31 0.00	34.99 -0.30 -0.05	35.70 -0.28 0.00
PROJECT___ORANGE 2 24166	10.30 -0.05 -2.58	27.51 -0.20 -0.87	16.31 -0.12 -1.68	21.31 -0.15 -0.98	20.85 -0.12 -1.67	24.44 -0.14 -0.52	39.71 -0.14 -0.20	31.54 -0.07 -0.44	27.32 -0.11 -0.51	30.70 -0.14 -0.07	32.93 -0.11 -0.04	32.66 -0.01 0.00	42.51 0.06 -8.71	41.64 0.05 -14.06	23.04 0.01 -4.01	32.98 -0.09 -0.42	34.77 -0.13 -9.10	41.03 -0.04 -29.82	71.78 -0.43 -16.00	161.26 -0.66 -0.05	119.39 -0.66 -0.76	41.22 -0.31 0.00	34.99 -0.30 -0.05	35.70 -0.28 0.00
PUCKETT___SOLAR 323809	18.09 0.11 -10.20	36.80 0.37 -9.59	23.35 0.18 -8.42	33.97 0.30 -13.20	36.67 0.30 -17.06	26.61 0.41 -2.14	43.26 0.93 -2.68	34.93 0.87 -2.89	30.60 0.56 -3.12	31.17 0.20 -0.20	33.24 0.09 -0.15	32.71 0.04 0.00	33.98 0.23 0.00	32.00 0.29 -4.17	29.11 0.22 -9.87	34.67 0.42 -1.59	57.05 0.50 -30.75	112.21 0.22 -100.74	115.61 0.99 -58.40	165.56 3.70 0.00	121.82 2.54 0.00	42.32 0.79 0.00	35.85 0.61 0.00	36.75 0.78 0.00
PYRITES___HYD 24023	8.04 -0.24 -0.50	26.23 -0.78 -0.17	14.63 -0.45 -0.33	20.00 -0.67 -0.19	18.99 -0.64 -0.32	23.43 -0.73 -0.10	31.19 -1.16 7.31	14.96 -1.14 15.08	16.36 -1.05 9.51	29.62 -1.16 -0.01	31.67 -1.34 -0.01	31.47 -1.20 0.00	277.54 -0.69 -244.48	386.90 -1.11 -360.48	44.30 -1.20 -26.49	12.84 -1.81 18.00	9.81 -1.37 14.62	6.43 -0.43 4.39	57.81 -1.60 -3.21	158.83 -4.45 -1.42	138.27 -2.42 -21.40	40.94 -0.60 -0.01	36.25 -0.42 -1.42	35.46 -0.51 0.00
QUAKERRD_115KV_BK1 80622	10.06 -0.40 -2.68	22.63 -1.40 2.82	14.66 -0.78 -0.69	14.87 -1.00 4.60	13.82 -0.91 4.57	23.48 -1.18 -0.60	38.02 -1.86 -0.22	30.35 -1.39 -0.57	25.91 -1.12 -0.11	29.87 -1.03 -0.12	32.04 -1.01 -0.04	31.71 -0.96 0.00	36.75 -1.09 -4.10	33.74 -1.14 -7.35	21.93 -0.70 -3.62	31.83 -1.29 -0.48	34.93 -1.09 -10.21	44.27 -0.44 -33.46	70.90 -2.79 -17.47	155.61 -6.27 -0.02	114.61 -5.04 -0.36	39.62 -1.91 0.00	33.51 -1.75 -0.02	34.42 -1.56 0.00
QUEENSBRY_115KV_TB8 356137	38.41 0.60 -30.03	38.91 1.98 -10.08	35.41 1.04 -19.62	33.33 1.43 -11.43	40.13 1.38 -19.45	32.01 1.82 -6.13	45.55 3.51 -2.39	39.15 2.67 -5.30	34.96 2.08 -5.97	33.94 2.38 -0.78	35.94 2.48 -0.45	34.46 1.79 0.00	35.43 1.68 0.00	42.10 1.81 -12.76	50.56 1.36 -30.18	40.09 2.58 -4.87	133.16 2.16 -105.19	356.84 0.90 -344.68	250.84 4.79 -189.84	175.24 13.37 0.00	128.77 9.48 0.00	45.09 3.56 0.00	38.05 2.80 0.00	38.65 2.67 0.00
RAMAPO___LBMP 323565	33.25 0.54 -24.93	37.77 1.66 -9.27	32.21 0.92 -16.54	32.59 1.28 -10.84	38.13 1.17 -17.66	30.75 1.62 -5.08	44.38 2.73 -2.00	38.08 2.40 -4.50	34.13 2.09 -5.13	33.71 2.29 -0.65	35.94 2.57 -0.37	35.39 2.72 0.00	36.36 2.62 0.00	40.40 2.28 -10.58	45.64 1.59 -25.03	39.34 2.66 -4.04	115.43 2.31 -87.31	298.46 1.10 -286.10	219.54 5.04 -158.29	176.02 14.16 0.00	129.71 10.42 0.00	44.59 3.07 0.00	37.75 2.51 0.00	38.35 2.37 0.00

RANKINE_____	2.80	7.93	9.69	5.29	-0.84	9.26	20.49	18.46	14.15	15.25	17.80	17.69	20.37	17.75	13.74	23.40	31.66	36.70	61.47	149.67	114.80	39.52	33.34	34.59
23646	-0.50	-1.80	-1.02	-1.26	-1.12	-1.51	-2.47	-1.77	-1.40	-1.13	-1.07	-0.98	-1.11	-1.27	-0.70	-1.53	-1.32	-0.47	-3.41	-5.39	-4.83	-2.00	-1.92	-1.39
	4.48	17.12	4.04	13.92	19.02	13.29	16.69	10.94	11.37	14.40	14.14	14.00	12.26	8.52	4.58	7.71	-7.17	-25.91	-8.67	6.80	-0.34	0.00	-0.02	0.00
RAVENSWOOD_GT2_1	33.83	37.26	32.40	31.61	37.07	31.12	44.77	38.45	34.42	34.15	36.42	35.85	36.82	40.99	46.45	39.87	117.74	304.94	223.49	177.58	131.00	45.05	38.14	38.68
24244	0.62	1.88	1.04	1.46	1.31	1.87	3.07	2.74	2.43	2.71	3.03	3.18	3.07	2.64	1.84	3.09	2.69	1.27	5.67	15.72	11.71	3.51	2.90	2.71
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_2	33.83	37.26	32.40	31.61	37.07	31.12	44.77	38.45	34.42	34.15	36.42	35.85	36.82	40.99	46.45	39.87	117.74	304.94	223.49	177.58	131.00	45.05	38.14	38.68
24245	0.62	1.88	1.04	1.46	1.31	1.87	3.07	2.74	2.43	2.71	3.03	3.18	3.07	2.64	1.84	3.09	2.69	1.27	5.67	15.72	11.71	3.51	2.90	2.71
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_3	33.83	37.27	32.41	31.62	37.08	31.12	44.80	38.46	34.44	34.16	36.44	35.88	36.85	41.02	46.45	39.89	117.76	304.95	223.52	177.63	131.06	45.07	38.15	38.71
24246	0.62	1.89	1.05	1.47	1.32	1.88	3.10	2.75	2.45	2.73	3.05	3.20	3.10	2.66	1.85	3.12	2.71	1.28	5.70	15.77	11.77	3.54	2.91	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT2_4	33.83	37.27	32.41	31.62	37.08	31.12	44.80	38.46	34.44	34.16	36.44	35.88	36.85	41.02	46.45	39.89	117.76	304.95	223.52	177.63	131.06	45.07	38.15	38.71
24247	0.62	1.89	1.05	1.47	1.32	1.88	3.10	2.75	2.45	2.73	3.05	3.20	3.10	2.66	1.85	3.12	2.71	1.28	5.70	15.77	11.77	3.54	2.91	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_1	33.83	37.28	32.41	31.62	37.08	31.12	44.80	38.46	34.44	34.17	36.44	35.88	36.85	41.02	46.45	39.90	117.76	304.95	223.52	177.63	131.07	45.07	38.15	38.71
24248	0.62	1.89	1.05	1.47	1.32	1.88	3.11	2.75	2.45	2.73	3.05	3.21	3.10	2.66	1.85	3.12	2.71	1.28	5.71	15.77	11.78	3.54	2.91	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_2	33.83	37.28	32.41	31.62	37.08	31.12	44.80	38.46	34.44	34.17	36.44	35.88	36.85	41.02	46.45	39.90	117.76	304.95	223.52	177.63	131.07	45.07	38.15	38.71
24249	0.62	1.89	1.05	1.47	1.32	1.88	3.11	2.75	2.45	2.73	3.05	3.21	3.10	2.66	1.85	3.12	2.71	1.28	5.71	15.77	11.78	3.54	2.91	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_3	33.84	37.31	32.43	31.64	37.11	31.17	44.85	38.52	34.48	34.22	36.50	35.94	36.91	41.07	46.49	39.95	117.81	304.97	223.63	177.94	131.28	45.13	38.22	38.76
24250	0.63	1.93	1.07	1.49	1.34	1.92	3.16	2.81	2.49	2.78	3.11	3.27	3.17	2.71	1.89	3.18	2.76	1.30	5.81	16.08	11.99	3.60	2.98	2.79
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT3_4	33.84	37.31	32.43	31.64	37.11	31.17	44.85	38.52	34.48	34.22	36.50	35.94	36.91	41.07	46.49	39.95	117.81	304.97	223.63	177.94	131.28	45.13	38.22	38.76
24251	0.63	1.93	1.07	1.49	1.34	1.92	3.16	2.81	2.49	2.78	3.11	3.27	3.17	2.71	1.89	3.18	2.76	1.30	5.81	16.08	11.99	3.60	2.98	2.79
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_1	33.84	37.30	32.43	31.64	37.09	31.17	44.82	38.53	34.50	34.21	36.49	35.94	36.91	41.09	46.51	39.99	117.82	304.98	223.55	177.65	131.17	45.14	38.23	38.75
23729	0.63	1.92	1.07	1.49	1.32	1.92	3.12	2.82	2.51	2.78	3.11	3.27	3.17	2.74	1.90	3.21	2.77	1.30	5.73	15.78	11.87	3.61	2.98	2.77
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_10	33.83	37.26	32.40	31.61	37.07	31.12	44.77	38.44	34.42	34.15	36.42	35.85	36.82	40.99	46.44	39.87	117.74	304.94	223.49	177.58	131.00	45.04	38.14	38.68
24258	0.62	1.88	1.04	1.46	1.31	1.87	3.07	2.73	2.43	2.71	3.03	3.18	3.07	2.64	1.84	3.09	2.69	1.27	5.67	15.72	11.71	3.51	2.90	2.71
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_11	33.83	37.26	32.40	31.61	37.07	31.12	44.77	38.44	34.42	34.15	36.42	35.85	36.82	40.99	46.44	39.87	117.74	304.94	223.49	177.58	131.00	45.04	38.14	38.68
24259	0.62	1.88	1.04	1.46	1.31	1.87	3.07	2.73	2.43	2.71	3.03	3.18	3.07	2.64	1.84	3.09	2.69	1.27	5.67	15.72	11.71	3.51	2.90	2.71
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_4	33.83	37.27	32.41	31.62	37.07	31.13	44.79	38.47	34.45	34.17	36.44	35.88	36.85	41.02	46.47	39.91	117.77	304.95	223.52	177.62	131.05	45.08	38.16	38.71
24252	0.63	1.89	1.05	1.47	1.31	1.88	3.09	2.76	2.45	2.73	3.05	3.21	3.11	2.67	1.86	3.13	2.72	1.28	5.70	15.76	11.77	3.55	2.92	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_5	33.83	37.27	32.41	31.62	37.07	31.13	44.79	38.47	34.45	34.17	36.44	35.88	36.85	41.02	46.47	39.91	117.77	304.95	223.52	177.62	131.05	45.08	38.16	38.71
24254	0.63	1.89	1.05	1.47	1.31	1.88	3.09	2.76	2.45	2.73	3.05	3.21	3.11	2.67	1.86	3.13	2.72	1.28	5.70	15.76	11.77	3.55	2.92	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00
RAVENSWOOD_GT_6	33.83	37.27	32.41	31.62	37.07	31.13	44.79	38.47	34.45	34.17	36.44	35.88	36.85	41.02	46.47	39.91	117.77	304.95	223.52	177.62	131.05	45.08	38.16	38.71
24253	0.63	1.89	1.05	1.47	1.31	1.88	3.09	2.76	2.45	2.73	3.05	3.21	3.11	2.67	1.86	3.13	2.72	1.28	5.70	15.76	11.77	3.55	2.92	2.73
	-25.43	-8.54	-16.61	-9.67	-16.46	-5.19	-2.04	-4.53	-5.07	-0.67	-0.38	0.00	0.00	-10.81	-25.59	-4.13	-89.24	-292.42	-161.61	0.00	0.00	0.00	0.00	0.00

RAVENSWOOD_GT_7 24255	33.83 0.63 -25.43	37.27 1.89 -8.54	32.41 1.05 -16.61	31.62 1.47 -9.67	37.07 1.31 -16.46	31.13 1.88 -5.19	44.79 3.09 -2.04	38.47 2.76 -4.53	34.45 2.45 -5.07	34.17 2.73 -0.67	36.44 3.05 -0.38	35.88 3.21 0.00	36.85 3.11 0.00	41.02 2.67 -10.81	46.47 1.86 -25.59	39.91 3.13 -4.13	117.77 2.72 -89.24	304.95 1.28 -292.42	223.52 5.70 -161.61	177.62 15.76 0.00	131.05 11.77 0.00	45.08 3.55 0.00	38.16 2.92 0.00	38.71 2.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.83 0.62 -25.43	37.26 1.88 -8.54	32.40 1.04 -16.61	31.61 1.46 -9.67	37.07 1.31 -16.46	31.12 1.87 -5.19	44.77 3.07 -2.04	38.44 2.73 -4.53	34.42 2.43 -5.07	34.15 2.71 -0.67	36.42 3.03 -0.38	35.85 3.18 0.00	36.82 3.07 0.00	40.99 2.64 -10.81	46.44 1.84 -25.59	39.87 3.09 -4.13	117.74 2.69 -89.24	304.94 1.27 -292.42	223.49 5.67 -161.61	177.58 15.72 0.00	131.00 11.71 0.00	45.04 3.51 0.00	38.14 2.90 0.00	38.68 2.71 0.00
RAVENSWOOD_GT_9 24257	33.83 0.62 -25.43	37.26 1.88 -8.54	32.40 1.04 -16.61	31.61 1.46 -9.67	37.07 1.31 -16.46	31.12 1.87 -5.19	44.77 3.07 -2.04	38.44 2.73 -4.53	34.42 2.43 -5.07	34.15 2.71 -0.67	36.42 3.03 -0.38	35.85 3.18 0.00	36.82 3.07 0.00	40.99 2.64 -10.81	46.44 1.84 -25.59	39.87 3.09 -4.13	117.74 2.69 -89.24	304.94 1.27 -292.42	223.49 5.67 -161.61	177.58 15.72 0.00	131.00 11.71 0.00	45.04 3.51 0.00	38.14 2.90 0.00	38.68 2.71 0.00
RAVENSWOOD___1 23533	33.84 0.63 -25.43	37.29 1.91 -8.54	32.43 1.07 -16.61	31.65 1.50 -9.67	37.10 1.34 -16.46	31.15 1.90 -5.19	44.77 3.07 -2.04	38.52 2.81 -4.53	34.49 2.50 -5.07	34.20 2.77 -0.67	36.46 3.08 -0.38	35.91 3.24 0.00	36.89 3.14 0.00	41.08 2.73 -10.81	46.51 1.90 -25.59	39.97 3.20 -4.13	117.82 2.76 -89.24	304.96 1.29 -292.42	223.53 5.71 -161.61	177.63 15.77 0.00	131.14 11.85 0.00	45.12 3.59 0.00	38.22 2.98 0.00	38.72 2.75 0.00
RAVENSWOOD___2 23534	33.83 0.63 -25.43	37.28 1.90 -8.54	32.43 1.07 -16.61	31.64 1.50 -9.67	37.10 1.33 -16.46	31.14 1.89 -5.19	44.75 3.05 -2.04	38.50 2.80 -4.53	34.48 2.49 -5.07	34.20 2.76 -0.67	36.45 3.07 -0.38	35.89 3.22 0.00	36.88 3.14 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	39.96 3.18 -4.13	117.80 2.75 -89.24	304.96 1.29 -292.42	223.52 5.70 -161.61	177.62 15.76 0.00	131.12 11.83 0.00	45.10 3.58 0.00	38.20 2.95 0.00	38.72 2.74 0.00
RAVENSWOOD___3 23535	33.83 0.62 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.63 1.48 -9.67	37.10 1.33 -16.46	31.12 1.87 -5.19	44.77 3.07 -2.04	38.46 2.75 -4.53	34.43 2.44 -5.07	34.16 2.72 -0.67	36.42 3.04 -0.38	35.86 3.19 0.00	36.83 3.08 0.00	41.01 2.66 -10.81	46.45 1.85 -25.59	39.88 3.10 -4.13	117.75 2.70 -89.24	304.95 1.28 -292.42	223.51 5.69 -161.61	177.61 15.75 0.00	131.05 11.76 0.00	45.05 3.52 0.00	38.14 2.90 0.00	38.70 2.72 0.00
RAVENSWOOD___4 23820	33.83 0.63 -25.43	37.28 1.90 -8.54	32.43 1.07 -16.61	31.64 1.50 -9.67	37.10 1.33 -16.46	31.14 1.89 -5.19	44.75 3.05 -2.04	38.50 2.80 -4.53	34.48 2.49 -5.07	34.20 2.76 -0.67	36.45 3.07 -0.38	35.89 3.22 0.00	36.88 3.14 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	39.96 3.18 -4.13	117.80 2.75 -89.24	304.96 1.29 -292.42	223.52 5.70 -161.61	177.62 15.76 0.00	131.12 11.83 0.00	45.10 3.58 0.00	38.20 2.95 0.00	38.72 2.74 0.00
RCPL_TRUST___DRP 24196	33.83 0.63 -25.43	37.28 1.90 -8.54	32.41 1.05 -16.61	31.62 1.47 -9.67	37.09 1.32 -16.46	31.14 1.89 -5.19	44.84 3.14 -2.04	38.50 2.79 -4.53	34.47 2.48 -5.07	34.21 2.77 -0.67	36.49 3.10 -0.38	35.92 3.26 0.00	36.90 3.15 0.00	41.06 2.71 -10.81	46.49 1.88 -25.59	39.94 3.17 -4.13	117.80 2.75 -89.24	304.96 1.30 -292.42	223.62 5.81 -161.60	177.92 16.06 0.00	131.22 11.92 0.00	45.10 3.58 0.00	38.18 2.94 0.00	38.73 2.75 0.00
RED___ROCHESTER 323720	10.26 -0.23 -2.71	22.78 -0.84 3.22	14.87 -0.47 -0.60	14.67 -0.58 5.22	13.53 -0.51 5.26	24.03 -0.63 -0.61	38.98 -0.90 -0.23	31.16 -0.67 -0.65	26.56 -0.48 -0.12	30.76 -0.15 -0.14	33.00 -0.05 -0.05	32.64 -0.03 0.00	37.60 -0.15 -4.00	34.26 -0.50 -7.22	22.47 -0.19 -3.66	32.72 -0.41 -0.49	35.78 -0.42 -10.39	45.20 -0.10 -34.05	72.57 -1.38 -17.73	159.91 -1.97 -0.02	117.74 -1.90 -0.35	40.67 -0.86 0.00	34.34 -0.93 -0.02	35.32 -0.65 0.00
REGAN___SOLAR 323812	40.09 0.39 -31.92	38.91 1.35 -10.72	36.33 0.74 -20.85	33.64 1.02 -12.14	40.98 1.01 -20.67	31.89 1.32 -6.51	44.55 2.40 -2.50	37.96 1.18 -5.61	34.23 0.81 -6.50	32.69 1.08 -0.84	33.78 0.30 -0.48	32.11 -0.56 0.00	33.68 -0.07 0.00	41.07 -0.04 -13.58	51.75 0.60 -32.14	38.86 1.02 -5.19	138.83 0.92 -112.10	379.28 0.70 -367.32	262.12 3.27 -202.64	171.69 9.82 0.00	126.89 7.60 0.00	43.97 2.45 0.00	37.31 2.07 0.00	38.02 2.04 0.00
RENSSELAER___COGEN 23796	37.24 0.25 -29.20	37.52 0.87 -9.80	34.29 0.47 -19.07	32.23 0.65 -11.11	38.80 0.59 -18.91	30.77 0.76 -5.96	43.18 1.19 -2.34	37.30 0.95 -5.18	33.58 0.85 -5.81	32.51 0.97 -0.76	34.53 1.09 -0.44	33.72 1.05 0.00	34.68 0.94 0.00	40.86 0.91 -12.42	49.05 0.66 -29.38	38.57 1.18 -4.74	129.15 0.95 -102.39	347.16 0.40 -335.51	242.97 2.00 -184.77	166.76 4.90 0.00	122.79 3.50 0.00	42.77 1.24 0.00	36.33 1.09 0.00	37.05 1.07 0.00
REPUBLIC_115KV_BARTNBRK 55605	38.67 0.87 -30.02	39.71 2.79 -10.08	35.81 1.44 -19.61	33.92 2.02 -11.42	40.63 1.89 -19.44	32.72 2.54 -6.13	47.03 4.99 -2.39	40.09 3.61 -5.29	35.76 2.88 -5.96	34.34 2.78 -0.78	36.22 2.76 -0.45	34.86 2.19 0.00	35.80 2.05 0.00	42.71 2.42 -12.75	51.07 1.88 -30.17	41.26 3.75 -4.87	134.21 3.26 -105.14	357.05 1.27 -344.53	253.21 7.24 -189.75	183.05 21.19 0.00	134.25 14.96 0.00	46.98 5.45 0.00	39.40 4.16 0.00	39.74 3.77 0.00
REVERE_CPPR_DRP 24186	9.47 0.12 -1.56	27.78 0.41 -0.52	15.98 0.21 -1.02	21.36 0.29 -0.59	20.61 0.30 -1.01	24.82 0.45 -0.32	47.40 0.94 -6.81	45.88 0.63 -14.08	36.38 0.42 -9.05	30.91 0.09 -0.04	33.20 0.17 -0.02	32.83 0.16 0.00	60.70 0.61 -26.35	70.88 0.56 -42.78	36.46 0.20 -17.24	49.99 0.65 -16.70	46.46 0.21 -20.44	39.02 0.38 -27.39	67.88 1.69 -9.98	167.33 5.31 -0.15	126.12 4.52 -2.31	43.11 1.58 0.00	36.72 1.32 -0.15	37.15 1.18 0.00
REYNLDDPA_13_KV_LD 356490	7.65 -0.13 0.00	26.45 -0.39 0.00	14.56 -0.19 0.00	20.19 -0.28 0.00	18.98 -0.32 0.00	23.68 -0.38 0.00	36.83 -0.67 2.15	26.12 -0.63 4.43	23.57 -0.54 2.81	30.23 -0.54 0.00	32.32 -0.68 0.00	31.97 -0.70 0.00	4.22 -0.58 28.95	-16.76 -0.90 43.40	10.19 -0.72 8.10	26.51 -0.85 5.28	20.37 -0.65 4.79	8.04 -0.23 2.98	55.26 -0.96 0.00	157.59 -4.11 0.16	114.33 -2.52 2.45	40.88 -0.65 0.00	34.82 -0.26 0.16	35.80 -0.17 0.00
REYNOLDS_115KV_TB3 80639	37.38 0.33 -29.26	37.80 1.13 -9.82	34.47 0.61 -19.11	32.46 0.85 -11.13	39.03 0.78 -18.95	31.02 0.99 -5.97	43.58 1.59 -2.34	37.60 1.24 -5.19	33.87 1.13 -5.83	32.83 1.30 -0.77	34.91 1.47 -0.44	34.07 1.40 0.00	35.03 1.28 0.00	41.18 1.20 -12.44	49.32 0.86 -29.44	38.93 1.53 -4.75	129.63 1.23 -102.59	347.91 0.49 -336.17	243.94 2.60 -185.14	168.37 6.51 0.00	123.93 4.64 0.00	43.20 1.67 0.00	36.70 1.46 0.00	37.41 1.43 0.00

RIVERBAY____ 323610	34.03 0.82 -25.43	37.90 2.51 -8.54	32.77 1.41 -16.61	32.07 1.92 -9.67	37.53 1.77 -16.46	31.74 2.50 -5.19	45.88 4.18 -2.04	39.28 3.58 -4.53	35.06 3.07 -5.07	34.83 3.40 -0.67	37.14 3.75 -0.38	36.66 3.99 0.00	37.53 3.78 0.00	41.60 3.25 -10.81	46.87 2.26 -25.59	40.63 3.86 -4.13	118.34 3.29 -89.24	305.18 1.51 -292.42	224.49 6.67 -161.61	180.73 18.87 0.00	134.25 14.96 0.00	46.11 4.58 0.00	39.07 3.82 0.00	39.57 3.60 0.00
RIVERSDE_115KV_TB3 55908	37.40 0.31 -29.32	37.73 1.05 -9.84	34.46 0.56 -19.15	32.41 0.78 -11.15	39.00 0.72 -18.98	30.95 0.92 -5.98	43.45 1.46 -2.34	37.51 1.14 -5.20	33.79 1.04 -5.84	32.73 1.20 -0.77	34.79 1.35 -0.44	33.96 1.29 0.00	34.93 1.18 0.00	41.12 1.12 -12.46	49.31 0.81 -29.50	38.85 1.44 -4.76	129.75 1.16 -102.79	348.52 0.47 -336.80	244.11 2.42 -185.49	167.90 6.03 0.00	123.58 4.29 0.00	43.06 1.54 0.00	36.59 1.34 0.00	37.30 1.32 0.00
ROARING__BROOK_WT_PWR 323790	7.60 -0.18 0.00	26.21 -0.64 0.00	14.43 -0.33 0.00	20.01 -0.46 0.00	18.91 -0.39 0.00	23.52 -0.54 0.00	38.69 -0.96 0.00	30.43 -0.75 0.00	26.25 -0.66 0.00	29.99 -0.78 0.00	32.09 -0.91 0.00	31.72 -0.95 0.00	28.06 -0.82 4.86	19.48 -0.72 7.33	17.79 -0.43 0.80	31.92 -0.73 0.00	25.19 -0.61 0.00	11.02 -0.23 0.00	55.31 -0.90 0.00	159.34 -2.49 0.03	117.62 -1.22 0.44	41.29 -0.24 0.00	35.10 -0.11 0.03	35.85 -0.12 0.00
ROCHESRG_115KV_T4 355643	9.21 -0.31 -1.74	21.26 -1.08 4.51	14.23 -0.61 -0.09	14.09 -0.74 5.64	12.38 -0.67 6.25	22.05 -0.89 1.11	36.41 -1.40 1.84	29.42 -1.01 0.74	24.92 -0.78 1.21	28.58 -0.55 1.64	30.81 -0.51 1.68	30.49 -0.48 1.71	35.12 -0.62 -1.99	31.93 -0.82 -5.21	21.10 -0.43 -2.52	31.25 -0.86 0.53	34.61 -0.77 -9.57	42.63 -0.28 -31.66	70.45 -2.17 -16.41	157.80 -4.08 -0.02	116.17 -3.47 -0.35	40.14 -1.39 0.00	33.92 -1.34 -0.02	34.92 -1.06 0.00
ROCHESTER_9_IC 23652	10.24 -0.26 -2.72	22.71 -0.91 3.22	14.82 -0.52 -0.59	14.64 -0.62 5.22	13.49 -0.55 5.26	23.94 -0.73 -0.61	38.77 -1.11 -0.23	31.05 -0.78 -0.65	26.47 -0.57 -0.13	30.60 -0.30 -0.14	32.81 -0.24 -0.05	32.46 -0.21 0.00	37.41 -0.34 -4.00	34.14 -0.62 -7.22	22.38 -0.29 -3.66	32.54 -0.59 -0.49	35.64 -0.57 -10.40	45.16 -0.17 -34.07	72.26 -1.70 -17.75	159.17 -2.72 -0.02	117.13 -2.51 -0.35	40.46 -1.07 0.00	34.18 -1.08 -0.02	35.17 -0.81 0.00
ROCKVIEW_13_KV_LD 356306	33.82 0.61 -25.43	37.26 1.88 -8.54	32.39 1.03 -16.61	31.59 1.44 -9.67	37.07 1.31 -16.46	31.08 1.84 -5.19	44.75 3.06 -2.04	38.44 2.73 -4.53	34.41 2.42 -5.07	34.13 2.70 -0.67	36.41 3.03 -0.38	35.84 3.17 0.00	36.81 3.06 0.00	40.96 2.61 -10.81	46.42 1.81 -25.59	39.84 3.07 -4.13	117.71 2.66 -89.24	304.91 1.26 -292.41	223.51 5.70 -161.60	177.74 15.87 0.00	130.99 11.70 0.00	45.05 3.52 0.00	38.15 2.91 0.00	38.73 2.76 0.00
ROME____115KV_TB2 80656	9.47 0.12 -1.56	27.78 0.41 -0.52	15.98 0.21 -1.02	21.36 0.29 -0.59	20.61 0.30 -1.01	24.82 0.45 -0.32	47.40 0.94 -6.81	45.88 0.63 -14.08	36.38 0.42 -9.05	30.91 0.09 -0.04	33.20 0.17 -0.02	32.83 0.16 0.00	60.70 0.61 -26.35	70.88 0.56 -42.78	36.46 0.20 -17.24	49.99 0.65 -16.70	46.46 0.21 -20.44	39.02 0.38 -27.39	67.88 1.69 -9.98	167.33 5.31 -0.15	126.12 4.52 -2.31	43.11 1.58 0.00	36.72 1.32 -0.15	37.15 1.18 0.00
ROSETON__1 23587	33.79 0.50 -25.51	36.98 1.57 -8.57	32.27 0.85 -16.67	31.38 1.20 -9.71	36.92 1.10 -16.52	30.75 1.49 -5.21	44.18 2.48 -2.05	37.92 2.20 -4.55	33.92 1.92 -5.09	33.56 2.12 -0.67	35.76 2.37 -0.38	35.14 2.47 0.00	36.08 2.34 0.00	40.42 2.02 -10.85	46.10 1.41 -25.68	39.19 2.40 -4.15	117.45 2.11 -89.54	305.63 0.98 -293.39	222.86 4.54 -162.10	174.57 12.71 0.00	128.56 9.27 0.00	44.33 2.80 0.00	37.56 2.32 0.00	38.16 2.18 0.00
ROSETON__2 23588	33.79 0.50 -25.51	36.98 1.57 -8.57	32.27 0.85 -16.67	31.38 1.20 -9.71	36.92 1.10 -16.52	30.75 1.49 -5.21	44.18 2.48 -2.05	37.92 2.20 -4.55	33.92 1.92 -5.09	33.56 2.12 -0.67	35.76 2.37 -0.38	35.14 2.47 0.00	36.08 2.34 0.00	40.42 2.02 -10.85	46.10 1.41 -25.68	39.19 2.40 -4.15	117.45 2.11 -89.54	305.63 0.98 -293.39	222.86 4.54 -162.10	174.57 12.71 0.00	128.56 9.27 0.00	44.33 2.80 0.00	37.56 2.32 0.00	38.16 2.18 0.00
ROTTDRAM_115KV_TB3 80664	38.35 0.30 -30.28	38.02 1.01 -10.16	35.07 0.54 -19.77	32.75 0.75 -11.52	39.62 0.72 -19.60	31.14 0.91 -6.18	43.55 1.48 -2.41	37.62 1.09 -5.35	33.85 0.91 -6.02	32.64 1.07 -0.79	34.57 1.11 -0.45	33.66 1.00 0.00	34.71 0.96 0.00	41.33 0.91 -12.88	50.17 0.67 -30.49	38.80 1.23 -4.92	133.06 1.01 -106.24	359.83 0.45 -348.13	250.23 2.28 -191.74	168.06 6.19 0.00	123.81 4.52 0.00	43.09 1.56 0.00	36.57 1.32 0.00	37.27 1.29 0.00
RUSSELL__1 23602	10.27 -0.23 -2.71	22.81 -0.81 3.22	14.88 -0.47 -0.60	14.71 -0.55 5.22	13.56 -0.48 5.26	24.02 -0.64 -0.61	38.93 -0.95 -0.23	31.18 -0.65 -0.65	26.59 -0.45 -0.12	30.74 -0.16 -0.14	32.97 -0.08 -0.05	32.62 -0.05 0.00	37.57 -0.18 -4.00	34.26 -0.50 -7.22	22.48 -0.19 -3.66	32.72 -0.42 -0.49	35.78 -0.43 -10.39	45.20 -0.10 -34.05	72.56 -1.39 -17.73	159.99 -1.90 -0.02	117.74 -1.91 -0.35	40.67 -0.86 0.00	34.34 -0.92 -0.02	35.32 -0.66 0.00
RUSSELL__2 23532	10.27 -0.23 -2.71	22.81 -0.81 3.22	14.88 -0.47 -0.60	14.71 -0.55 5.22	13.56 -0.48 5.26	24.02 -0.64 -0.61	38.93 -0.95 -0.23	31.18 -0.65 -0.65	26.59 -0.45 -0.12	30.74 -0.16 -0.14	32.97 -0.08 -0.05	32.62 -0.05 0.00	37.57 -0.18 -4.00	34.26 -0.50 -7.22	22.48 -0.19 -3.66	32.72 -0.42 -0.49	35.78 -0.43 -10.39	45.20 -0.10 -34.05	72.56 -1.39 -17.73	159.99 -1.90 -0.02	117.74 -1.91 -0.35	40.67 -0.86 0.00	34.34 -0.92 -0.02	35.32 -0.66 0.00
RUSSELL__3 23549	10.27 -0.23 -2.71	22.81 -0.81 3.22	14.88 -0.47 -0.60	14.71 -0.55 5.22	13.56 -0.48 5.26	24.02 -0.64 -0.61	38.93 -0.95 -0.23	31.18 -0.65 -0.65	26.59 -0.45 -0.12	30.74 -0.16 -0.14	32.97 -0.08 -0.05	32.62 -0.05 0.00	37.57 -0.18 -4.00	34.26 -0.50 -7.22	22.48 -0.19 -3.66	32.72 -0.42 -0.49	35.78 -0.43 -10.39	45.20 -0.10 -34.05	72.56 -1.39 -17.73	159.99 -1.90 -0.02	117.74 -1.91 -0.35	40.67 -0.86 0.00	34.34 -0.92 -0.02	35.32 -0.66 0.00
RUSSELL__4 23556	10.27 -0.23 -2.71	22.81 -0.81 3.22	14.88 -0.47 -0.60	14.71 -0.55 5.22	13.56 -0.48 5.26	24.02 -0.64 -0.61	38.93 -0.95 -0.23	31.18 -0.65 -0.65	26.59 -0.45 -0.12	30.74 -0.16 -0.14	32.97 -0.08 -0.05	32.62 -0.05 0.00	37.57 -0.18 -4.00	34.26 -0.50 -7.22	22.48 -0.19 -3.66	32.72 -0.42 -0.49	35.78 -0.43 -10.39	45.20 -0.10 -34.05	72.56 -1.39 -17.73	159.99 -1.90 -0.02	117.74 -1.91 -0.35	40.67 -0.86 0.00	34.34 -0.92 -0.02	35.32 -0.66 0.00
RUSSELL__STATION 23914	10.27 -0.23 -2.71	22.81 -0.81 3.22	14.88 -0.47 -0.60	14.71 -0.55 5.22	13.56 -0.48 5.26	24.02 -0.64 -0.61	38.93 -0.95 -0.23	31.18 -0.65 -0.65	26.59 -0.45 -0.12	30.74 -0.16 -0.14	32.97 -0.08 -0.05	32.62 -0.05 0.00	37.57 -0.18 -4.00	34.26 -0.50 -7.22	22.48 -0.19 -3.66	32.72 -0.42 -0.49	35.78 -0.43 -10.39	45.20 -0.10 -34.05	72.56 -1.39 -17.73	159.99 -1.90 -0.02	117.74 -1.91 -0.35	40.67 -0.86 0.00	34.34 -0.92 -0.02	35.32 -0.66 0.00

S SALMON___HYD 24043	9.68 -0.21 -2.11	26.78 -0.77 -0.71	15.70 -0.44 -1.38	20.69 -0.59 -0.80	20.14 -0.53 -1.37	23.84 -0.64 -0.43	34.53 -0.99 4.12	21.82 -0.87 8.49	20.92 -0.80 5.20	29.85 -0.98 -0.06	32.10 -0.94 -0.03	31.90 -0.78 0.00	59.11 -0.56 -25.92	64.55 -0.55 -37.57	17.43 -0.47 1.11	21.43 -0.98 10.23	22.84 -0.94 2.03	29.74 -0.33 -18.82	68.04 -1.47 -13.30	157.71 -4.31 -0.15	119.02 -2.54 -2.27	40.83 -0.70 0.00	34.82 -0.57 -0.15	35.31 -0.66 0.00
S.PERRY___115KV_TB1 80734	36.11 -0.19 -28.51	54.54 -0.83 -28.52	27.54 -0.47 -13.26	22.62 -0.56 -2.70	35.96 -0.41 -17.07	69.58 -0.51 -46.03	94.04 -0.71 -55.10	71.73 -0.91 -41.46	63.87 -0.89 -37.85	77.71 -0.61 -47.56	78.10 -0.65 -45.75	77.39 -0.35 -45.07	89.53 -0.10 -55.88	85.54 -0.71 -58.72	52.39 -0.27 -33.64	59.30 -0.80 -27.46	58.10 -0.52 -32.81	110.78 -0.08 -99.62	122.68 -0.33 -66.80	189.03 3.70 -23.47	122.16 2.53 -0.35	42.12 0.59 0.00	35.44 0.18 -0.02	36.45 0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	3.25 -0.55 3.98	9.10 -1.92 15.83	10.01 -1.09 3.65	6.24 -1.34 12.90	0.52 -1.21 17.57	10.24 -1.63 12.18	21.55 -2.73 15.37	19.13 -1.98 10.07	14.96 -1.53 10.43	16.30 -1.23 13.23	18.81 -1.21 12.99	18.65 -1.14 12.87	21.43 -1.35 10.97	18.77 -1.46 7.30	14.19 -0.83 3.99	23.88 -1.71 7.06	31.50 -1.48 -7.18	36.46 -0.56 -25.77	61.10 -3.96 -8.84	147.96 -7.39 6.51	113.37 -6.26 -0.34	39.11 -2.42 0.00	33.00 -2.26 -0.02	34.25 -1.72 0.00
SAWYER___23_KV_LOAD 55526	3.25 -0.55 3.98	9.10 -1.92 15.83	10.01 -1.09 3.65	6.24 -1.34 12.90	0.52 -1.21 17.57	10.24 -1.63 12.18	21.55 -2.73 15.37	19.13 -1.98 10.07	14.96 -1.53 10.43	16.30 -1.23 13.23	18.81 -1.21 12.99	18.65 -1.14 12.87	21.43 -1.35 10.97	18.77 -1.46 7.30	14.19 -0.83 3.99	23.88 -1.71 7.06	31.50 -1.48 -7.18	36.46 -0.56 -25.77	61.10 -3.96 -8.84	147.96 -7.39 6.51	113.37 -6.26 -0.34	39.11 -2.42 0.00	33.00 -2.26 -0.02	34.25 -1.72 0.00
SELKIRK___I 23801	36.97 0.30 -28.89	37.59 1.05 -9.70	34.18 0.56 -18.87	32.25 0.78 -10.99	38.74 0.73 -18.71	30.85 0.90 -5.90	43.39 1.43 -2.31	37.36 1.06 -5.13	33.55 0.88 -5.75	32.55 1.02 -0.76	34.49 1.06 -0.43	33.69 1.02 0.00	34.67 0.92 0.00	40.73 0.91 -12.29	48.72 0.64 -29.07	38.50 1.16 -4.69	128.14 1.01 -101.32	343.68 0.44 -331.99	241.50 2.25 -183.04	167.76 5.89 0.00	123.49 4.20 0.00	42.99 1.46 0.00	36.51 1.28 0.00	37.24 1.26 0.00
SELKIRK___II 23799	37.13 0.27 -29.08	37.53 0.92 -9.76	34.24 0.49 -18.99	32.22 0.69 -11.06	38.77 0.64 -18.83	30.78 0.79 -5.93	43.25 1.27 -2.33	37.35 1.01 -5.16	33.60 0.89 -5.79	32.54 1.01 -0.76	34.56 1.12 -0.43	33.77 1.10 0.00	34.76 1.01 0.00	40.84 0.94 -12.37	48.95 0.67 -29.26	38.56 1.19 -4.72	128.74 0.97 -101.96	345.77 0.42 -334.10	242.28 2.09 -183.98	167.22 5.35 0.00	123.11 3.82 0.00	42.85 1.32 0.00	36.39 1.15 0.00	37.10 1.13 0.00
SENECA OSWGO___HYD 24041	9.86 -0.20 -2.28	26.92 -0.69 -0.77	15.85 -0.39 -1.49	20.81 -0.53 -0.87	20.30 -0.48 -1.48	23.93 -0.59 -0.47	38.04 -0.90 0.71	29.06 -0.68 1.44	25.60 -0.60 0.72	30.09 -0.74 -0.06	32.28 -0.76 -0.04	32.02 -0.65 0.00	42.69 -0.61 -9.56	41.87 -0.49 -14.82	20.97 -0.38 -2.34	30.04 -0.76 1.84	31.33 -0.68 -6.20	36.63 -0.29 -25.67	69.04 -1.61 -14.44	157.80 -4.12 -0.06	117.04 -3.09 -0.84	40.40 -1.13 0.00	34.33 -0.97 -0.06	35.02 -0.95 0.00
SENECA___115KV_TB3 355854	2.81 -0.49 4.48	7.91 -1.81 17.12	9.68 -1.03 4.04	5.25 -1.30 13.92	-0.90 -1.18 19.02	9.30 -1.46 13.29	20.63 -2.33 16.69	18.46 -1.77 10.94	14.12 -1.43 11.37	15.31 -1.07 14.40	17.88 -0.99 14.14	17.74 -0.93 14.00	20.45 -1.03 12.26	17.78 -1.23 8.52	13.76 -0.68 4.58	23.46 -1.47 7.71	31.69 -1.28 -7.17	36.71 -0.45 -25.91	61.55 -3.33 -8.67	149.72 -5.34 6.80	114.99 -4.64 -0.34	39.60 -1.93 0.00	33.40 -1.86 -0.02	34.66 -1.32 0.00
SENECA___ENERGY 23797	12.61 -0.15 -4.98	26.78 -0.61 -0.54	16.56 -0.34 -2.16	17.55 -0.47 2.46	17.78 -0.42 1.10	27.61 -0.38 -3.93	43.36 -0.51 -4.22	33.68 -0.44 -2.94	29.02 -0.47 -2.58	33.79 -0.47 -3.49	35.85 -0.48 -3.33	35.65 -0.25 -3.23	42.78 -0.26 -9.29	40.72 -0.22 -13.40	25.25 -0.17 -6.41	34.55 -0.57 -2.48	38.79 -0.31 -13.30	54.10 -0.17 -43.02	79.15 -0.78 -23.71	163.04 -0.48 -1.65	119.20 -0.58 -0.49	41.19 -0.34 0.00	34.83 -0.45 -0.03	35.67 -0.31 0.00
SHOEMAKER___GT 23640	32.47 0.47 -24.22	37.41 1.48 -9.08	31.64 0.80 -16.09	32.26 1.13 -10.65	37.64 1.04 -17.30	30.40 1.42 -4.93	43.96 2.37 -1.94	37.64 2.09 -4.37	33.67 1.75 -5.00	33.28 1.88 -0.63	35.45 2.09 -0.36	34.85 2.18 0.00	35.82 2.07 0.00	39.62 1.81 -10.27	44.58 1.26 -24.31	38.73 2.16 -3.92	112.52 1.90 -84.81	290.07 0.93 -277.89	214.54 4.37 -153.96	174.36 12.49 0.00	128.45 9.16 0.00	44.26 2.74 0.00	37.50 2.26 0.00	38.09 2.12 0.00
SHOEMAKR_138KV_BK 111 55601	32.38 0.47 -24.13	37.37 1.47 -9.06	31.59 0.81 -16.03	32.23 1.12 -10.63	37.59 1.04 -17.25	30.38 1.42 -4.91	43.97 2.38 -1.94	37.63 2.09 -4.36	33.67 1.77 -4.98	33.31 1.91 -0.63	35.49 2.13 -0.36	34.90 2.23 0.00	35.88 2.13 0.00	39.63 1.86 -10.24	44.53 1.29 -24.22	38.75 2.20 -3.91	112.25 1.94 -84.50	289.08 0.94 -276.89	214.01 4.39 -153.41	174.27 12.40 0.00	128.45 9.16 0.00	44.26 2.74 0.00	37.49 2.25 0.00	38.09 2.11 0.00
SHOREHAM_IC_1 23715	53.22 0.63 -44.81	52.23 2.00 -23.39	53.05 1.15 -37.15	51.20 1.65 -29.07	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.04 -2.04	38.27 2.56 -4.53	34.20 2.21 -5.07	33.92 2.48 -0.67	36.28 2.90 -0.38	35.64 2.97 0.00	36.55 2.80 0.00	40.48 2.13 -10.81	42.46 1.41 -22.04	34.84 2.48 0.29	54.64 2.18 -26.66	55.88 1.20 -43.43	204.72 5.04 -143.47	170.11 14.51 6.27	98.70 10.67 31.26	38.25 3.14 6.42	38.03 2.78 0.00	38.72 2.74 0.00
SHOREHAM_IC_2 23716	53.22 0.63 -44.81	52.23 2.00 -23.39	53.05 1.15 -37.15	51.20 1.65 -29.07	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.04 -2.04	38.27 2.56 -4.53	34.20 2.21 -5.07	33.92 2.48 -0.67	36.28 2.90 -0.38	35.64 2.97 0.00	36.55 2.80 0.00	40.48 2.13 -10.81	42.46 1.41 -22.04	34.84 2.48 0.29	54.64 2.18 -26.66	55.88 1.20 -43.43	204.72 5.04 -143.47	170.11 14.51 6.27	98.70 10.67 31.26	38.25 3.14 6.42	38.03 2.78 0.00	38.72 2.74 0.00
SISSONVILLE____ 23735	7.90 -0.42 -0.54	25.63 -1.40 -0.18	14.30 -0.80 -0.35	19.53 -1.15 -0.20	18.52 -1.13 -0.35	22.82 -1.35 -0.11	29.53 -2.23 7.89	12.96 -1.93 16.29	15.04 -1.61 10.27	29.22 -1.57 -0.01	31.34 -1.68 -0.01	31.05 -1.62 0.00	269.24 -1.35 -236.84	374.80 -1.61 -348.87	41.89 -1.43 -24.31	10.87 -2.34 19.44	8.11 -1.90 15.80	5.79 -0.70 4.76	56.61 -3.06 -3.45	154.31 -8.93 -1.38	134.29 -5.74 -20.73	39.86 -1.68 -0.01	35.35 -1.27 -1.38	34.61 -1.37 0.00
SITHE_IND_GS1 24169	9.30 -0.20 -1.72	26.73 -0.69 -0.58	15.49 -0.39 -1.13	20.60 -0.53 -0.66	19.93 -0.48 -1.11	23.81 -0.60 -0.35	38.85 -0.94 -0.13	30.73 -0.74 -0.29	26.60 -0.65 -0.34	30.08 -0.73 -0.05	32.27 -0.76 -0.03	31.95 -0.72 0.00	33.02 -0.73 0.00	27.65 -0.61 -0.73	20.31 -0.42 -1.72	32.11 -0.82 -0.28	30.97 -0.76 -5.92	30.29 -0.35 -19.39	64.67 -1.93 -10.39	156.62 -5.24 0.00	115.34 -3.95 0.00	40.14 -1.39 0.00	34.08 -1.16 0.00	34.85 -1.12 0.00

SITHE_IND_GS2 24170	9.30 -0.20 -1.72	26.73 -0.69 -0.58	15.49 -0.39 -1.13	20.60 -0.53 -0.66	19.93 -0.48 -1.11	23.81 -0.60 -0.35	38.85 -0.94 -0.13	30.73 -0.74 -0.29	26.60 -0.65 -0.34	30.08 -0.73 -0.05	32.27 -0.76 -0.03	31.95 -0.72 0.00	33.02 -0.73 0.00	27.65 -0.61 -0.73	20.31 -0.42 -1.72	32.11 -0.82 -0.28	30.97 -0.76 -5.92	30.29 -0.35 -19.39	64.67 -1.93 -10.39	156.62 -5.24 0.00	115.34 -3.95 0.00	40.14 -1.39 0.00	34.08 -1.16 0.00	34.85 -1.12 0.00
SITHE_IND_GS3 24171	9.30 -0.20 -1.72	26.73 -0.69 -0.58	15.49 -0.39 -1.13	20.60 -0.53 -0.66	19.93 -0.48 -1.11	23.81 -0.60 -0.35	38.85 -0.94 -0.13	30.73 -0.74 -0.29	26.60 -0.65 -0.34	30.08 -0.73 -0.05	32.27 -0.76 -0.03	31.95 -0.72 0.00	33.02 -0.73 0.00	27.65 -0.61 -0.73	20.31 -0.42 -1.72	32.11 -0.82 -0.28	30.97 -0.76 -5.92	30.29 -0.35 -19.39	64.67 -1.93 -10.39	156.62 -5.24 0.00	115.34 -3.95 0.00	40.14 -1.39 0.00	34.08 -1.16 0.00	34.85 -1.12 0.00
SITHE_IND_GS4 24172	9.30 -0.20 -1.72	26.73 -0.69 -0.58	15.49 -0.39 -1.13	20.60 -0.53 -0.66	19.93 -0.48 -1.11	23.81 -0.60 -0.35	38.85 -0.94 -0.13	30.73 -0.74 -0.29	26.60 -0.65 -0.34	30.08 -0.73 -0.05	32.27 -0.76 -0.03	31.95 -0.72 0.00	33.02 -0.73 0.00	27.65 -0.61 -0.73	20.31 -0.42 -1.72	32.11 -0.82 -0.28	30.97 -0.76 -5.92	30.29 -0.35 -19.39	64.67 -1.93 -10.39	156.62 -5.24 0.00	115.34 -3.95 0.00	40.14 -1.39 0.00	34.08 -1.16 0.00	34.85 -1.12 0.00
SITHE___BATAVIA 24024	6.67 -0.29 0.83	16.02 -1.06 9.77	12.49 -0.64 1.62	10.60 -0.75 9.12	7.08 -0.63 11.60	17.09 -0.72 6.25	30.51 -1.07 8.08	25.09 -0.84 5.25	20.54 -0.72 5.66	23.43 -0.29 7.05	26.05 -0.02 6.93	25.56 -0.22 6.89	29.55 -0.20 4.00	26.06 -0.94 0.54	18.04 -0.53 0.45	28.23 -0.86 3.56	33.60 -0.82 -8.62	40.55 -0.12 -29.43	67.20 -1.95 -12.94	155.72 -2.74 3.40	116.92 -2.72 -0.35	40.28 -1.25 0.00	33.95 -1.31 -0.02	35.14 -0.84 0.00
SITHE___INDEPEND 23800	9.30 -0.20 -1.72	26.73 -0.69 -0.58	15.49 -0.39 -1.13	20.61 -0.52 -0.66	19.93 -0.48 -1.11	23.80 -0.60 -0.35	38.84 -0.95 -0.13	30.73 -0.73 -0.29	26.61 -0.65 -0.34	30.09 -0.73 -0.05	32.27 -0.76 -0.03	31.95 -0.72 0.00	33.01 -0.73 0.00	27.65 -0.61 -0.73	20.31 -0.42 -1.72	32.10 -0.82 -0.28	30.96 -0.76 -5.92	30.29 -0.35 -19.39	64.67 -1.93 -10.39	156.63 -5.24 0.00	115.34 -3.95 0.00	40.13 -1.40 0.00	34.08 -1.17 0.00	34.85 -1.12 0.00
SITHE___MASSENA 23902	7.63 -0.15 0.00	26.37 -0.47 0.00	14.51 -0.24 0.00	20.12 -0.36 0.00	18.91 -0.39 0.00	23.60 -0.45 0.00	35.37 -0.79 3.49	23.22 -0.75 7.21	21.70 -0.65 4.57	30.15 -0.62 0.00	32.25 -0.75 0.00	31.91 -0.77 0.00	327.76 -0.58 -294.59	463.24 -0.75 -436.45	58.85 -0.67 -40.51	23.04 -1.02 8.59	17.21 -0.81 7.79	6.13 -0.28 4.85	55.14 -1.07 0.00	160.49 -3.09 -1.71	143.18 -1.90 -25.79	41.10 -0.45 -0.02	36.70 -0.26 -1.71	35.74 -0.23 0.00
SITHE___OGDNSBRG 24021	8.04 -0.16 -0.42	26.48 -0.51 -0.14	14.74 -0.29 -0.28	20.20 -0.44 -0.16	19.15 -0.43 -0.28	23.66 -0.48 -0.09	32.71 -0.76 6.17	17.62 -0.81 12.74	18.08 -0.81 8.04	29.89 -0.90 -0.01	31.94 -1.07 -0.01	31.68 -0.98 0.00	292.54 -0.48 -259.27	409.58 -0.88 -382.93	48.73 -0.98 -30.70	15.98 -1.46 15.21	12.41 -1.05 12.35	7.29 -0.29 3.67	57.91 -1.03 -2.73	160.63 -2.74 -1.51	140.72 -1.27 -22.70	41.31 -0.23 -0.01	36.64 -0.11 -1.51	35.79 -0.18 0.00
SITHE___STERLING 23777	9.65 0.12 -1.74	27.83 0.40 -0.59	16.10 0.21 -1.14	21.42 0.29 -0.66	20.72 0.29 -1.13	24.83 0.42 -0.36	44.47 0.85 -3.97	39.99 0.61 -8.21	32.69 0.42 -5.35	31.00 0.18 -0.05	33.26 0.22 -0.03	32.89 0.22 0.00	51.63 0.52 -17.36	56.31 0.52 -28.25	30.36 0.24 -11.10	43.01 0.65 -9.71	40.82 0.30 -14.70	37.09 0.33 -25.51	68.74 1.40 -11.13	166.52 4.55 -0.10	124.40 3.59 -1.52	42.72 1.19 0.00	36.35 1.00 -0.10	36.90 0.92 0.00
SLEIGHT__34_KV_TB1 80719	10.34 -0.23 -2.80	23.68 -0.82 2.35	15.18 -0.47 -0.89	15.97 -0.60 3.90	15.01 -0.53 3.76	24.02 -0.65 -0.62	38.92 -0.96 -0.23	30.74 -0.71 -0.27	26.32 -0.57 0.02	30.39 -0.50 -0.12	32.58 -0.47 -0.05	32.28 -0.39 0.00	37.84 -0.43 -4.52	35.07 -0.49 -8.01	22.47 -0.32 -3.78	32.39 -0.75 -0.50	35.80 -0.57 -10.56	45.62 -0.24 -34.60	72.92 -1.45 -18.16	159.50 -2.39 -0.03	117.49 -2.20 -0.40	40.57 -0.95 0.00	34.30 -0.97 -0.03	35.16 -0.82 0.00
SOUTH CAIRO___GT 23612	36.57 0.46 -28.32	37.95 1.59 -9.51	34.09 0.84 -18.50	32.43 1.18 -10.77	38.75 1.11 -18.34	31.27 1.44 -5.78	44.41 2.49 -2.27	38.12 1.92 -5.03	33.96 1.40 -5.64	32.98 1.47 -0.74	34.93 1.50 -0.42	34.06 1.39 0.00	35.01 1.26 0.00	40.83 1.25 -12.04	48.42 0.91 -28.50	38.92 1.68 -4.60	126.55 1.39 -99.35	337.59 0.81 -325.53	239.62 4.14 -179.26	173.21 11.34 0.00	127.47 8.18 0.00	44.26 2.73 0.00	37.47 2.23 0.00	38.14 2.16 0.00
SOUTH HAMPTN___IC 23720	53.16 0.59 -44.79	52.04 1.83 -23.37	52.94 1.05 -37.13	51.05 1.52 -29.06	37.08 1.32 -16.46	31.19 1.94 -5.19	44.54 2.84 -2.04	38.11 2.40 -4.53	34.02 2.03 -5.07	33.67 2.23 -0.67	36.07 2.69 -0.38	35.37 2.70 0.00	36.27 2.52 0.00	40.29 1.93 -10.81	42.33 1.28 -22.03	34.65 2.29 0.29	54.46 2.07 -26.58	55.49 1.11 -43.13	204.66 5.00 -143.45	170.13 14.54 6.27	98.56 10.57 31.30	38.14 3.03 6.43	37.87 2.62 0.00	38.52 2.54 0.00
SOUTHDOW__115KV_TB1 355954	4.04 -0.35 3.38	9.00 -1.35 16.49	10.22 -0.87 3.66	5.04 -0.94 14.50	-0.67 -0.84 19.13	11.44 -1.11 11.51	23.55 -1.50 14.60	20.72 -0.83 9.63	15.92 -0.82 10.17	17.63 -0.50 12.64	20.32 -0.31 12.37	20.32 -0.09 12.26	23.47 0.00 10.28	20.70 -0.35 6.49	15.72 -0.03 3.27	25.44 -0.56 6.65	34.03 -0.34 -8.57	41.28 -0.16 -30.19	67.95 -0.93 -12.67	162.02 3.88 3.72	121.59 1.96 -0.34	41.59 0.06 0.00	34.94 -0.32 -0.02	36.18 0.21 0.00
SOUTHOLD_69_KV_BK 2 55809	53.09 0.52 -44.79	51.77 1.55 -23.37	52.79 0.90 -37.13	50.83 1.31 -29.06	36.89 1.12 -16.46	30.97 1.73 -5.19	44.20 2.51 -2.04	37.81 2.10 -4.53	33.76 1.77 -5.07	33.36 1.92 -0.67	35.75 2.36 -0.38	35.07 2.40 0.00	35.93 2.18 0.00	40.02 1.67 -10.81	42.17 1.12 -22.03	34.40 2.04 0.29	54.31 1.92 -26.58	55.22 0.83 -43.14	204.36 4.70 -143.45	169.23 13.63 6.27	97.93 9.93 31.30	37.87 2.77 6.43	37.56 2.32 0.00	38.20 2.22 0.00
SOUTHOLD___IC 23719	53.09 0.52 -44.79	51.78 1.56 -23.37	52.79 0.91 -37.13	50.85 1.32 -29.06	36.90 1.13 -16.46	30.97 1.72 -5.19	44.18 2.48 -2.04	37.82 2.11 -4.53	33.76 1.77 -5.07	33.36 1.92 -0.67	35.74 2.35 -0.38	35.05 2.39 0.00	35.92 2.17 0.00	40.03 1.67 -10.81	42.17 1.12 -22.03	34.39 2.03 0.29	54.28 1.89 -26.58	55.19 0.80 -43.14	204.34 4.68 -143.45	169.24 13.65 6.27	97.87 9.87 31.30	37.84 2.74 6.43	37.57 2.32 0.00	38.20 2.22 0.00
SOUTH_FORK_WT_PWR 323839	52.97 0.40 -44.79	51.35 1.14 -23.37	52.56 0.68 -37.13	50.52 0.99 -29.06	36.60 0.83 -16.46	30.58 1.33 -5.19	43.56 1.86 -2.04	37.33 1.62 -4.53	33.33 1.35 -5.07	32.84 1.41 -0.67	35.22 1.83 -0.38	34.52 1.85 0.00	35.37 1.62 0.00	39.60 1.25 -10.81	41.89 0.84 -22.03	33.92 1.57 0.29	53.91 1.52 -26.58	55.16 0.77 -43.13	203.61 3.95 -143.45	167.20 11.61 6.27	96.31 8.32 31.30	37.30 2.20 6.43	37.08 1.83 0.00	37.66 1.68 0.00

SPIERFLS_115KV_TB 1 80737	38.38 0.55 -30.05	38.75 1.81 -10.09	35.34 0.96 -19.63	33.24 1.33 -11.44	40.04 1.28 -19.46	31.85 1.66 -6.13	45.24 3.19 -2.39	38.93 2.46 -5.30	34.77 1.88 -5.97	33.77 2.22 -0.78	35.77 2.32 -0.45	34.34 1.67 0.00	35.33 1.58 0.00	41.96 1.66 -12.76	50.46 1.24 -30.21	39.81 2.29 -4.88	132.95 1.87 -105.27	357.00 0.81 -344.94	250.37 4.18 -189.98	173.48 11.62 0.00	127.59 8.30 0.00	44.70 3.17 0.00	37.75 2.51 0.00	38.42 2.44 0.00
ST LAWRENCE____ 23600	7.59 -0.19 0.00	26.23 -0.61 0.00	14.44 -0.31 0.00	20.02 -0.46 0.00	18.82 -0.48 0.00	23.47 -0.58 0.00	36.79 -1.02 1.84	26.48 -0.89 3.81	23.77 -0.73 2.41	29.98 -0.79 0.00	32.06 -0.95 0.00	31.68 -0.99 0.00	7.84 -0.88 25.02	-10.69 -0.90 37.33	11.36 -0.71 6.94	27.04 -1.09 4.52	20.85 -0.85 4.10	8.37 -0.33 2.55	54.84 -1.38 0.00	157.68 -4.04 0.14	114.44 -2.75 2.10	40.75 -0.78 0.00	34.55 -0.55 0.14	35.48 -0.50 0.00
STATE_CA_115KV_115_LB 55624	37.53 0.29 -29.46	37.73 0.99 -9.89	34.52 0.53 -19.24	32.44 0.75 -11.21	39.06 0.68 -19.07	30.95 0.88 -6.01	43.40 1.40 -2.35	37.49 1.10 -5.22	33.77 0.99 -5.87	32.69 1.15 -0.77	34.73 1.29 -0.44	33.87 1.20 0.00	34.87 1.13 0.00	41.15 1.09 -12.53	49.45 0.79 -29.65	38.84 1.41 -4.79	130.25 1.13 -103.31	350.24 0.48 -338.52	244.99 2.35 -186.43	167.79 5.93 0.00	123.56 4.28 0.00	43.01 1.48 0.00	36.53 1.28 0.00	37.23 1.26 0.00
STATE_ST_34_KV_LOAD 55959	12.08 0.01 -4.29	27.24 0.03 -0.36	16.82 0.01 -2.07	18.99 -0.02 1.47	18.91 0.00 0.40	26.67 0.12 -2.50	42.44 0.31 -2.47	33.18 0.14 -1.87	28.56 -0.02 -1.66	32.78 0.03 -1.99	34.92 0.04 -1.88	34.66 0.19 -1.80	41.81 0.16 -7.90	39.99 0.26 -12.18	24.79 0.20 -5.58	34.27 -0.02 -1.64	38.79 0.07 -12.92	53.29 0.02 -42.02	79.03 0.04 -22.78	163.76 1.86 -0.03	120.83 1.03 -0.51	41.76 0.23 0.00	35.31 0.03 -0.03	36.17 0.19 0.00
STATION 5_MISC_HYD 23604	10.23 -0.26 -2.72	22.68 -0.94 3.22	14.82 -0.53 -0.59	14.60 -0.66 5.22	13.46 -0.58 5.26	23.95 -0.72 -0.61	38.82 -1.06 -0.23	31.03 -0.80 -0.65	26.44 -0.60 -0.13	30.61 -0.29 -0.14	32.84 -0.21 -0.05	32.47 -0.20 0.00	37.44 -0.31 -4.00	34.13 -0.63 -7.22	22.38 -0.29 -3.66	32.55 -0.58 -0.49	35.65 -0.56 -10.40	45.15 -0.17 -34.07	72.26 -1.70 -17.75	159.03 -2.86 -0.02	117.14 -2.50 -0.35	40.46 -1.07 0.00	34.18 -1.08 -0.02	35.17 -0.80 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	10.40 -0.20 -2.81	23.30 -0.71 2.83	15.10 -0.41 -0.76	15.34 -0.50 4.64	14.28 -0.43 4.59	24.16 -0.52 -0.63	39.13 -0.75 -0.23	31.27 -0.53 -0.62	26.64 -0.44 -0.16	30.59 -0.31 -0.14	32.78 -0.27 -0.05	32.52 -0.15 0.00	38.07 -0.21 -4.53	35.22 -0.37 -8.05	22.66 -0.18 -3.83	32.66 -0.49 -0.50	36.13 -0.38 -10.70	46.18 -0.13 -35.06	73.42 -1.10 -18.31	160.66 -1.24 -0.03	118.29 -1.40 -0.40	40.86 -0.67 0.00	34.54 -0.73 -0.03	35.44 -0.54 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	10.18 -0.30 -2.71	22.70 -1.05 3.10	14.79 -0.59 -0.63	14.72 -0.73 5.03	13.60 -0.65 5.05	23.80 -0.86 -0.61	38.55 -1.33 -0.23	30.85 -0.96 -0.63	26.32 -0.72 -0.12	30.40 -0.50 -0.13	32.60 -0.45 -0.05	32.25 -0.42 0.00	37.24 -0.55 -4.03	34.04 -0.76 -7.27	22.26 -0.40 -3.65	32.36 -0.77 -0.49	35.45 -0.70 -10.34	44.88 -0.25 -33.88	71.88 -1.99 -17.66	158.14 -3.75 -0.02	116.42 -3.22 -0.35	40.22 -1.31 0.00	33.98 -1.28 -0.02	34.95 -1.03 0.00
STA_56____34_KV_BUS2 355983	10.18 -0.30 -2.71	22.70 -1.05 3.10	14.79 -0.59 -0.63	14.72 -0.73 5.03	13.60 -0.65 5.05	23.80 -0.86 -0.61	38.55 -1.33 -0.23	30.85 -0.96 -0.63	26.32 -0.72 -0.12	30.40 -0.50 -0.13	32.60 -0.45 -0.05	32.25 -0.42 0.00	37.24 -0.55 -4.03	34.04 -0.76 -7.27	22.26 -0.40 -3.65	32.36 -0.77 -0.49	35.45 -0.70 -10.34	44.88 -0.25 -33.88	71.88 -1.99 -17.66	158.14 -3.75 -0.02	116.42 -3.22 -0.35	40.22 -1.31 0.00	33.98 -1.28 -0.02	34.95 -1.03 0.00
STA_67____115KV_BK2 355882	10.22 -0.27 -2.72	22.67 -0.96 3.22	14.80 -0.54 -0.60	14.60 -0.66 5.22	13.46 -0.58 5.26	23.89 -0.78 -0.61	38.69 -1.19 -0.23	30.99 -0.85 -0.65	26.42 -0.62 -0.12	30.54 -0.37 -0.14	32.73 -0.31 -0.05	32.39 -0.28 0.00	37.33 -0.41 -4.00	34.07 -0.69 -7.22	22.34 -0.33 -3.66	32.46 -0.67 -0.49	35.58 -0.62 -10.40	45.11 -0.20 -34.06	72.13 -1.82 -17.74	158.79 -3.10 -0.02	116.89 -2.75 -0.35	40.37 -1.15 0.00	34.12 -1.15 -0.02	35.10 -0.87 0.00
STA_7____115KV_9TRANS 80674	10.27 -0.23 -2.71	22.81 -0.81 3.22	14.88 -0.47 -0.60	14.71 -0.55 5.22	13.56 -0.48 5.26	24.02 -0.64 -0.61	38.93 -0.95 -0.23	31.18 -0.65 -0.65	26.59 -0.45 -0.12	30.74 -0.16 -0.14	32.97 -0.08 -0.05	32.62 -0.05 0.00	37.57 -0.18 -4.00	34.26 -0.50 -7.22	22.48 -0.19 -3.66	32.72 -0.42 -0.49	35.78 -0.43 -10.39	45.20 -0.10 -34.05	72.56 -1.39 -17.73	159.99 -1.90 -0.02	117.74 -1.91 -0.35	40.67 -0.86 0.00	34.34 -0.92 -0.02	35.32 -0.66 0.00
STA_82____115KV_TB1 80780	10.22 -0.28 -2.72	22.62 -0.99 3.24	14.79 -0.56 -0.59	14.56 -0.68 5.24	13.42 -0.60 5.28	23.86 -0.80 -0.61	38.65 -1.24 -0.23	30.96 -0.89 -0.67	26.38 -0.66 -0.13	30.49 -0.42 -0.14	32.69 -0.37 -0.05	32.33 -0.34 0.00	37.29 -0.47 -4.01	34.06 -0.72 -7.24	22.32 -0.36 -3.67	32.41 -0.72 -0.49	35.58 -0.65 -10.43	45.19 -0.23 -34.16	72.09 -1.91 -17.79	158.52 -3.37 -0.02	116.67 -2.97 -0.35	40.30 -1.23 0.00	34.06 -1.21 -0.02	35.06 -0.92 0.00
STEEL____WIND 323596	2.80 -0.50 4.48	7.87 -1.85 17.12	9.66 -1.05 4.04	5.23 -1.32 13.92	-0.93 -1.21 19.02	9.28 -1.49 13.29	20.57 -2.39 16.69	18.41 -1.83 10.94	14.07 -1.48 11.37	15.25 -1.12 14.40	17.81 -1.06 14.14	17.69 -0.98 14.00	20.40 -1.09 12.26	17.74 -1.28 8.52	13.73 -0.70 4.58	23.39 -1.55 7.71	31.64 -1.33 -7.17	36.70 -0.47 -25.91	61.49 -3.39 -8.67	149.58 -5.48 6.80	114.87 -4.76 -0.34	39.54 -1.99 0.00	33.38 -1.89 -0.02	34.63 -1.35 0.00
STEPHTWN_115KV_BK_2 55603	37.29 0.31 -29.20	37.73 1.08 -9.80	34.40 0.57 -19.07	32.40 0.81 -11.11	38.95 0.74 -18.91	30.98 0.96 -5.96	43.56 1.57 -2.34	37.57 1.21 -5.18	33.80 1.07 -5.81	32.75 1.22 -0.76	34.74 1.30 -0.44	33.89 1.22 0.00	34.88 1.13 0.00	41.03 1.08 -12.42	49.17 0.78 -29.38	38.74 1.36 -4.74	129.33 1.13 -102.39	347.26 0.49 -335.51	243.53 2.55 -184.77	168.45 6.59 0.00	124.03 4.74 0.00	43.14 1.61 0.00	36.62 1.38 0.00	37.33 1.35 0.00
STEBEN_REC_LFGE 323667	31.17 -0.53 -23.92	41.63 -2.22 -17.01	23.28 -1.24 -9.76	12.70 -1.67 6.11	22.42 -1.35 -4.47	58.69 -1.73 -36.36	79.91 -3.05 -43.30	59.23 -2.86 -30.91	52.23 -2.45 -27.77	65.18 -2.62 -37.03	66.01 -2.72 -35.72	65.69 -2.14 -35.16	76.37 -1.92 -44.54	73.95 -1.64 -48.05	46.29 -1.16 -28.43	51.91 -2.49 -21.76	57.09 -1.34 -32.62	111.41 -0.62 -100.77	115.79 -2.08 -61.65	178.33 1.19 -15.28	120.28 0.63 -0.35	41.54 0.02 0.00	35.00 -0.27 -0.02	36.12 0.15 0.00
STILLWATER____SOLAR 323814	38.19 0.47 -29.94	38.49 1.59 -10.05	35.15 0.84 -19.56	33.03 1.17 -11.39	39.81 1.12 -19.39	31.60 1.44 -6.11	44.71 2.68 -2.38	38.53 2.08 -5.27	34.50 1.64 -5.94	33.50 1.95 -0.78	35.54 2.09 -0.44	34.28 1.61 0.00	35.26 1.51 0.00	41.75 1.53 -12.69	50.17 1.14 -30.02	39.60 2.11 -4.84	132.15 1.72 -104.63	354.83 0.74 -342.84	248.92 3.89 -188.82	172.37 10.50 0.00	126.87 7.58 0.00	44.27 2.75 0.00	37.50 2.26 0.00	38.20 2.22 0.00

STONY___BROOK 24151	53.29 0.67 -44.84	52.37 2.11 -23.41	53.14 1.21 -37.18	51.31 1.73 -29.10	37.27 1.50 -16.46	31.40 2.15 -5.19	44.88 3.19 -2.04	38.38 2.67 -4.53	34.24 2.25 -5.07	33.99 2.55 -0.67	36.44 3.05 -0.38	35.83 3.16 0.00	36.77 3.02 0.00	40.66 2.31 -10.81	42.60 1.54 -22.05	35.05 2.68 0.28	54.95 2.34 -26.80	56.52 1.27 -44.01	205.11 5.38 -143.52	171.09 15.48 6.25	99.37 11.27 31.19	38.34 3.21 6.40	38.06 2.82 0.00	38.83 2.85 0.00
STURGEON_POOL_HYD 23609	34.43 0.54 -26.11	37.36 1.75 -8.76	32.75 0.95 -17.05	31.73 1.32 -9.93	37.43 1.22 -16.90	31.02 1.63 -5.33	44.53 2.78 -2.09	38.27 2.45 -4.64	34.20 2.08 -5.20	33.71 2.26 -0.68	35.91 2.52 -0.39	35.29 2.62 0.00	36.24 2.49 0.00	40.73 2.09 -11.10	46.77 1.49 -26.28	39.43 2.54 -4.24	119.68 2.20 -91.67	312.69 1.05 -300.39	225.65 4.83 -164.61	175.61 13.75 0.00	129.40 10.11 0.00	44.61 3.08 0.00	37.77 2.52 0.00	38.34 2.36 0.00
ST_LAW_115_BK7_LBMP 345037	7.57 -0.20 0.00	26.18 -0.66 0.00	14.42 -0.34 0.00	19.98 -0.49 0.00	18.79 -0.51 0.00	23.44 -0.62 0.00	36.42 -1.09 2.15	25.80 -0.95 4.43	23.33 -0.78 2.81	29.92 -0.85 0.00	31.99 -1.01 0.00	31.62 -1.06 0.00	3.86 -0.94 28.95	-16.83 -0.97 43.40	10.16 -0.75 8.10	26.21 -1.16 5.28	20.12 -0.90 4.79	7.93 -0.34 2.98	54.74 -1.47 0.00	157.33 -4.37 0.16	113.87 -2.97 2.45	40.68 -0.85 0.00	34.49 -0.58 0.16	35.43 -0.55 0.00
ST_LAW_115_BK8_LBMP 345038	7.57 -0.20 0.00	26.18 -0.66 0.00	14.42 -0.34 0.00	19.98 -0.49 0.00	18.79 -0.51 0.00	23.44 -0.62 0.00	36.42 -1.09 2.15	25.80 -0.95 4.43	23.33 -0.78 2.81	29.92 -0.85 0.00	31.99 -1.01 0.00	31.62 -1.06 0.00	3.86 -0.94 28.95	-16.83 -0.97 43.40	10.16 -0.75 8.10	26.21 -1.16 5.28	20.12 -0.90 4.79	7.93 -0.34 2.98	54.74 -1.47 0.00	157.33 -4.37 0.16	113.87 -2.97 2.45	40.68 -0.85 0.00	34.49 -0.58 0.16	35.43 -0.55 0.00
ST_LAW_230_BK5_LBMP 345035	7.59 -0.19 0.00	26.23 -0.61 0.00	14.44 -0.31 0.00	20.02 -0.46 0.00	18.82 -0.48 0.00	23.47 -0.58 0.00	37.04 -1.02 1.59	27.00 -0.89 3.29	24.10 -0.73 2.09	29.98 -0.79 0.00	32.06 -0.95 0.00	31.68 -0.99 0.00	11.08 -0.88 21.78	-5.87 -0.90 32.50	12.29 -0.71 6.02	27.64 -1.09 3.92	21.40 -0.85 3.56	8.71 -0.33 2.21	54.84 -1.38 0.00	157.71 -4.04 0.12	114.73 -2.75 1.82	40.75 -0.78 0.00	34.57 -0.55 0.12	35.48 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	7.59 -0.19 0.00	26.23 -0.61 0.00	14.44 -0.31 0.00	20.02 -0.46 0.00	18.82 -0.48 0.00	23.47 -0.58 0.00	37.04 -1.02 1.59	27.00 -0.89 3.29	24.10 -0.73 2.09	29.98 -0.79 0.00	32.06 -0.95 0.00	31.68 -0.99 0.00	11.08 -0.88 21.78	-5.87 -0.90 32.50	12.29 -0.71 6.02	27.64 -1.09 3.92	21.40 -0.85 3.56	8.71 -0.33 2.21	54.84 -1.38 0.00	157.71 -4.04 0.12	114.73 -2.75 1.82	40.75 -0.78 0.00	34.57 -0.55 0.12	35.48 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.80 0.51 -24.51	37.58 1.58 -9.16	31.89 0.87 -16.27	32.42 1.21 -10.73	37.85 1.11 -17.45	30.58 1.53 -4.99	44.19 2.57 -1.97	37.87 2.27 -4.42	33.92 1.95 -5.05	33.54 2.13 -0.64	35.76 2.39 -0.37	35.19 2.52 0.00	36.17 2.41 0.00	40.04 2.11 -10.40	45.10 1.48 -24.61	39.10 2.49 -3.97	113.82 2.18 -85.83	293.53 1.04 -281.24	216.85 4.82 -155.82	175.40 13.54 0.00	129.25 9.95 0.00	44.48 2.95 0.00	37.67 2.42 0.00	38.26 2.28 0.00
SWANROAD_115KV_TB1 355699	4.56 -0.60 2.61	11.45 -2.10 13.30	10.73 -1.23 2.79	7.62 -1.47 11.39	2.83 -1.32 15.15	12.54 -1.67 9.85	24.24 -2.94 12.47	20.92 -2.10 8.15	16.76 -1.59 8.57	18.67 -1.30 10.80	21.11 -1.29 10.61	20.78 -1.37 10.52	23.98 -1.53 8.23	21.25 -1.65 4.64	15.48 -0.96 2.57	25.07 -1.90 5.68	31.62 -2.01 -7.82	38.11 -0.61 -27.46	61.78 -5.07 -10.64	145.13 -11.54 5.20	110.13 -9.50 -0.34	38.02 -3.51 0.00	32.15 -3.12 -0.02	33.48 -2.50 0.00
SYNERGY___BIOGAS 323694	6.67 -0.29 0.83	16.06 -1.02 9.77	12.51 -0.61 1.62	10.67 -0.69 9.12	7.13 -0.58 11.60	17.06 -0.74 6.25	30.41 -1.16 8.08	25.13 -0.80 5.25	20.64 -0.62 5.66	23.42 -0.30 7.05	26.02 -0.05 6.93	25.54 -0.24 6.89	29.50 -0.25 4.00	26.07 -0.94 0.54	18.04 -0.52 0.45	28.21 -0.88 3.56	33.60 -0.82 -8.62	40.57 -0.11 -29.43	67.20 -1.96 -12.94	155.91 -2.55 3.40	116.94 -2.70 -0.35	40.27 -1.26 0.00	33.95 -1.32 -0.02	35.13 -0.84 0.00
SYRACUSE___ENERGY_ST1 323597	10.51 -0.03 -2.76	26.51 -0.11 0.23	16.15 -0.07 -1.47	19.69 -0.08 0.70	19.06 -0.06 0.18	24.59 -0.05 -0.58	39.89 0.02 -0.22	31.59 0.01 -0.40	27.19 -0.08 -0.35	30.74 -0.10 -0.08	32.96 -0.09 -0.04	32.69 0.02 0.00	41.04 0.08 -7.22	39.60 0.10 -11.96	23.12 0.05 -4.05	33.04 -0.08 -0.47	35.79 -0.08 -10.06	44.20 -0.03 -32.97	73.54 -0.30 -17.62	161.86 -0.05 -0.04	119.71 -0.22 -0.63	41.36 -0.17 0.00	35.09 -0.20 -0.04	35.82 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	10.51 -0.03 -2.76	26.51 -0.11 0.23	16.15 -0.07 -1.47	19.69 -0.08 0.70	19.06 -0.06 0.18	24.59 -0.05 -0.58	39.89 0.02 -0.22	31.59 0.01 -0.40	27.19 -0.08 -0.35	30.74 -0.10 -0.08	32.96 -0.09 -0.04	32.69 0.02 0.00	41.04 0.08 -7.22	39.60 0.10 -11.96	23.12 0.05 -4.05	33.04 -0.08 -0.47	35.79 -0.08 -10.06	44.20 -0.03 -32.97	73.54 -0.30 -17.62	161.86 -0.05 -0.04	119.71 -0.22 -0.63	41.36 -0.17 0.00	35.09 -0.20 -0.04	35.82 -0.16 0.00
SYRACUSE___POWER 24017	10.77 -0.01 -3.01	27.78 -0.08 -1.01	16.66 -0.06 -1.96	21.56 -0.06 -1.15	21.21 -0.03 -1.95	24.64 -0.03 -0.61	39.94 0.06 -0.23	31.77 0.08 -0.51	27.52 0.00 -0.60	30.81 -0.04 -0.08	33.04 -0.01 -0.05	32.75 0.08 0.00	41.62 0.16 -7.71	40.45 0.15 -12.76	23.39 0.09 -4.29	33.18 0.04 -0.50	36.41 -0.02 -10.62	46.06 0.00 -34.80	74.74 -0.16 -18.69	162.19 0.28 -0.05	119.99 0.02 -0.67	41.45 -0.08 0.00	35.17 -0.11 -0.05	35.88 -0.10 0.00
TALLMAN__138KV_BK151 55660	33.27 0.56 -24.92	37.85 1.74 -9.26	32.24 0.96 -16.53	32.64 1.33 -10.84	38.17 1.22 -17.66	30.82 1.69 -5.07	44.50 2.85 -2.00	38.17 2.50 -4.49	34.22 2.18 -5.13	33.82 2.39 -0.65	36.08 2.70 -0.37	35.52 2.85 0.00	36.51 2.76 0.00	40.51 2.40 -10.57	45.71 1.67 -25.02	39.49 2.80 -4.04	115.52 2.44 -87.28	298.39 1.15 -285.98	219.75 5.29 -158.25	176.72 14.86 0.00	130.19 10.90 0.00	44.75 3.22 0.00	37.87 2.63 0.00	38.46 2.49 0.00
TEALLAVE_115KV_TB7 355573	10.27 -0.06 -2.55	27.48 -0.22 -0.85	16.28 -0.13 -1.66	21.28 -0.16 -0.97	20.82 -0.13 -1.65	24.42 -0.15 -0.52	39.69 -0.16 -0.20	31.52 -0.09 -0.43	27.30 -0.12 -0.51	30.67 -0.16 -0.07	32.91 -0.13 -0.04	32.63 -0.04 0.00	42.71 0.03 -8.94	41.96 0.03 -14.38	23.03 0.00 -4.02	32.95 -0.11 -0.42	34.65 -0.15 -8.99	40.67 -0.05 -29.47	71.58 -0.44 -15.81	161.18 -0.74 -0.05	119.39 -0.69 -0.78	41.21 -0.32 0.00	34.99 -0.30 -0.05	35.70 -0.28 0.00
TELGRAPH_34_KV_EAST 80808	5.63 -0.45 1.70	13.82 -1.56 11.46	11.65 -0.91 2.19	9.21 -1.08 10.19	5.08 -0.95 13.28	14.86 -1.24 7.96	27.40 -2.09 10.16	23.08 -1.47 6.62	18.80 -1.08 7.04	21.18 -0.75 8.84	23.65 -0.67 8.69	23.28 -0.77 8.62	26.84 -0.89 6.01	23.82 -1.23 2.49	16.86 -0.68 1.47	26.76 -1.31 4.57	32.68 -1.34 -8.22	39.31 -0.35 -28.41	64.58 -3.43 -11.79	150.92 -6.67 4.27	113.80 -5.83 -0.34	39.26 -2.27 0.00	33.14 -2.12 -0.02	34.39 -1.59 0.00

TEMPLE___115KV_TB 2 55572	10.30 -0.05 -2.58	27.51 -0.20 -0.87	16.31 -0.12 -1.68	21.31 -0.15 -0.98	20.85 -0.12 -1.67	24.44 -0.14 -0.52	39.71 -0.14 -0.20	31.54 -0.07 -0.44	27.32 -0.11 -0.51	30.70 -0.14 -0.07	32.93 -0.11 -0.04	32.66 -0.01 0.00	42.51 0.06 -8.71	41.64 0.05 -14.06	23.04 0.01 -4.01	32.98 -0.09 -0.42	34.77 -0.13 -9.10	41.03 -0.04 -29.82	71.78 -0.43 -16.00	161.26 -0.66 -0.05	119.39 -0.66 -0.76	41.22 -0.31 0.00	34.99 -0.30 -0.05	35.70 -0.28 0.00
TIANA___69_KV_BK 1 55817	53.19 0.62 -44.79	52.14 1.93 -23.37	52.99 1.11 -37.13	51.12 1.59 -29.06	37.15 1.38 -16.46	31.29 2.04 -5.19	44.71 3.01 -2.04	38.22 2.51 -4.53	34.12 2.13 -5.07	33.81 2.37 -0.67	36.20 2.82 -0.38	35.52 2.85 0.00	36.42 2.67 0.00	40.38 2.03 -10.81	42.40 1.36 -22.03	34.76 2.41 0.29	54.57 2.18 -26.58	55.57 1.18 -43.14	204.78 5.11 -143.45	170.45 14.86 6.27	98.93 10.94 31.30	38.27 3.17 6.43	37.99 2.75 0.00	38.65 2.68 0.00
TILDEN___115KV_TB1 80814	10.77 -0.01 -3.01	27.78 -0.08 -1.01	16.66 -0.06 -1.96	21.56 -0.06 -1.15	21.21 -0.03 -1.95	24.64 -0.03 -0.61	39.94 0.06 -0.23	31.77 0.08 -0.51	27.52 0.00 -0.60	30.81 -0.04 -0.08	33.04 -0.01 -0.05	32.75 0.08 0.00	41.62 0.16 -7.71	40.45 0.15 -12.76	23.39 0.09 -4.29	33.18 0.04 -0.50	36.41 -0.02 -10.62	46.06 0.00 -34.80	74.74 -0.16 -18.69	162.19 0.28 -0.05	119.99 0.02 -0.67	41.45 -0.08 0.00	35.17 -0.11 -0.05	35.88 -0.10 0.00
TRIGEN___CC 323695	67.37 0.66 -58.93	63.15 2.10 -34.20	68.03 1.16 -52.11	65.32 1.64 -43.20	37.18 1.41 -16.46	31.23 1.98 -5.19	44.77 3.07 -2.04	38.35 2.64 -4.53	34.35 2.36 -5.07	34.11 2.67 -0.67	36.47 3.08 -0.38	35.88 3.21 0.00	36.85 3.10 0.00	40.87 2.51 -10.81	45.76 1.74 -25.00	38.96 2.92 -3.40	106.01 2.50 -77.70	253.97 1.28 -241.44	220.29 5.46 -158.61	176.08 15.25 1.04	125.22 11.10 5.17	43.80 3.33 1.06	38.11 2.87 0.00	38.77 2.79 0.00
TRINITY___115KV___ 4 BK 55933	37.28 0.26 -29.24	37.55 0.89 -9.81	34.32 0.47 -19.10	32.27 0.67 -11.12	38.84 0.61 -18.93	30.80 0.78 -5.97	43.22 1.23 -2.34	37.32 0.96 -5.18	33.62 0.88 -5.82	32.54 1.01 -0.77	34.58 1.14 -0.44	33.75 1.08 0.00	34.72 0.98 0.00	40.91 0.95 -12.43	49.12 0.68 -29.42	38.63 1.23 -4.75	129.31 0.98 -102.52	347.60 0.41 -335.93	243.27 2.05 -185.00	166.92 5.05 0.00	122.86 3.57 0.00	42.81 1.28 0.00	36.37 1.12 0.00	37.08 1.10 0.00
UNION___PROCESSING_DRP 323587	10.22 -0.28 -2.72	22.62 -0.98 3.24	14.79 -0.56 -0.59	14.56 -0.67 5.24	13.42 -0.60 5.28	23.87 -0.80 -0.61	38.65 -1.23 -0.23	30.96 -0.88 -0.66	26.38 -0.66 -0.13	30.49 -0.41 -0.14	32.69 -0.36 -0.05	32.34 -0.34 0.00	37.30 -0.47 -4.02	34.08 -0.72 -7.25	22.33 -0.36 -3.67	32.43 -0.71 -0.49	35.59 -0.65 -10.44	45.23 -0.22 -34.20	72.13 -1.89 -17.81	158.60 -3.29 -0.02	116.72 -2.92 -0.35	40.31 -1.22 0.00	34.08 -1.19 -0.02	35.06 -0.92 0.00
UPPER HUDSON___HYD 24058	38.38 0.55 -30.05	38.75 1.81 -10.09	35.34 0.96 -19.63	33.23 1.32 -11.44	40.03 1.27 -19.46	31.85 1.66 -6.13	45.23 3.19 -2.39	38.93 2.45 -5.30	34.77 1.88 -5.97	33.77 2.21 -0.78	35.77 2.31 -0.45	34.34 1.67 0.00	35.32 1.57 0.00	41.96 1.66 -12.76	50.46 1.24 -30.21	39.80 2.28 -4.88	132.95 1.87 -105.27	357.00 0.81 -344.94	250.37 4.18 -189.98	173.48 11.62 0.00	127.59 8.29 0.00	44.69 3.16 0.00	37.75 2.51 0.00	38.42 2.44 0.00
UPPER RAQUET___HYD 24056	7.90 -0.42 -0.54	25.63 -1.40 -0.18	14.31 -0.79 -0.35	19.55 -1.13 -0.20	18.55 -1.10 -0.35	22.82 -1.34 -0.11	29.53 -2.23 7.89	12.97 -1.93 16.29	15.06 -1.59 10.27	29.22 -1.57 -0.01	31.33 -1.68 -0.01	31.05 -1.62 0.00	269.24 -1.35 -236.84	374.80 -1.61 -348.87	41.90 -1.42 -24.31	10.87 -2.34 19.44	8.11 -1.90 15.80	5.79 -0.70 4.76	56.61 -3.05 -3.45	154.31 -8.93 -1.38	134.29 -5.74 -20.73	39.86 -1.68 -0.01	35.35 -1.27 -1.38	34.61 -1.37 0.00
VALLEY44_115KV_TB2 355964	4.80 -0.34 2.65	9.76 -1.22 15.86	10.65 -0.74 3.36	5.03 -0.81 14.63	-0.29 -0.68 18.90	12.91 -0.86 10.28	25.32 -1.20 13.14	21.62 -0.87 8.69	16.83 -0.78 9.30	18.89 -0.48 11.40	21.56 -0.30 11.15	21.50 -0.11 11.05	24.76 -0.09 8.89	21.97 -0.48 5.09	16.42 -0.19 2.40	25.76 -0.97 5.91	34.32 -0.87 -9.38	43.65 -0.25 -32.65	68.43 -2.30 -14.51	156.95 -2.14 2.78	117.28 -2.35 -0.34	40.11 -1.42 0.00	33.82 -1.45 -0.02	35.07 -0.90 0.00
VALLEY___115KV_TB 1-4 80826	7.97 0.19 0.00	27.60 0.76 0.00	15.16 0.41 0.00	21.08 0.60 0.00	19.89 0.59 0.00	24.79 0.73 -1.35	42.35 1.35 -2.79	34.49 0.53 -2.79	29.03 0.35 -1.76	31.21 0.44 0.00	33.06 0.06 0.00	32.24 -0.43 0.00	39.06 -0.06 -5.38	36.10 -0.02 -8.59	22.36 0.18 -3.16	36.46 0.49 -3.32	29.92 1.10 -3.01	13.48 0.36 -1.87	58.83 2.61 0.00	169.53 7.63 -0.03	124.57 4.81 -0.47	42.88 1.35 0.00	36.75 1.48 -0.03	37.48 1.50 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.61 0.35 -12.48	34.93 1.28 -6.80	24.32 0.68 -8.89	30.14 0.96 -8.70	32.75 0.93 -12.51	27.78 1.21 -2.51	43.08 2.94 -0.49	34.97 2.38 -1.41	31.39 1.57 -2.90	32.48 1.39 -0.32	34.73 1.54 -0.18	34.29 1.62 0.00	35.39 1.64 0.00	34.15 1.37 -5.24	32.31 0.90 -12.40	36.18 1.53 -2.00	71.68 1.44 -44.43	157.50 0.66 -145.59	140.57 3.23 -81.13	171.50 9.63 0.00	126.30 7.01 0.00	43.68 2.15 0.00	37.03 1.79 0.00	37.71 1.74 0.00
VISCHER___FERRY HYD 24020	37.77 0.39 -29.61	38.12 1.34 -9.94	34.80 0.71 -19.34	32.72 0.98 -11.26	39.40 0.94 -19.17	31.28 1.19 -6.04	44.01 1.99 -2.36	37.95 1.54 -5.24	34.14 1.34 -5.89	33.08 1.53 -0.77	35.15 1.70 -0.44	34.20 1.53 0.00	35.13 1.39 0.00	41.43 1.32 -12.58	49.73 0.96 -29.76	39.17 1.73 -4.80	130.93 1.41 -103.71	351.63 0.56 -339.82	246.45 3.08 -187.15	169.87 8.00 0.00	125.05 5.76 0.00	43.62 2.09 0.00	37.03 1.79 0.00	37.74 1.76 0.00
V_A_10_SYNC_DSASP 323832	6.48 -0.47 0.82	15.78 -1.65 9.42	12.27 -0.92 1.56	10.62 -1.13 8.72	7.16 -1.03 11.11	16.70 -1.39 5.97	29.57 -2.30 7.78	24.43 -1.68 5.06	20.22 -1.29 5.40	22.99 -1.04 6.74	25.35 -1.02 6.63	25.11 -0.97 6.59	28.84 -1.17 3.74	25.88 -1.28 0.38	17.89 -0.74 0.38	27.78 -1.47 3.40	32.90 -1.28 -8.37	39.31 -0.51 -28.57	65.24 -3.53 -12.57	151.47 -7.09 3.31	113.78 -5.85 -0.34	39.29 -2.24 0.00	33.20 -2.07 -0.02	34.36 -1.62 0.00
V_CMM_10_SYNC_DSASP 323787	7.62 -0.16 0.00	26.32 -0.53 0.00	14.49 -0.26 0.00	20.07 -0.41 0.00	18.86 -0.43 0.00	23.56 -0.49 0.00	36.62 -0.88 2.15	25.95 -0.79 4.43	23.43 -0.68 2.81	30.07 -0.70 0.00	32.16 -0.85 0.00	31.78 -0.89 0.00	4.04 -0.76 28.95	-16.79 -0.93 43.40	10.18 -0.74 8.10	26.36 -1.01 5.28	20.24 -0.78 4.79	7.99 -0.28 2.98	54.99 -1.22 0.00	157.45 -4.25 0.16	114.09 -2.75 2.45	40.79 -0.74 0.00	34.66 -0.42 0.16	35.62 -0.36 0.00
V_CMP_10_SYNC_DSASP 323788	7.64 -0.14 0.00	26.38 -0.47 0.00	14.48 -0.27 0.00	20.04 -0.44 0.00	18.86 -0.44 0.00	23.57 -0.49 0.00	37.63 -0.78 1.25	27.89 -0.72 2.57	24.73 -0.56 1.63	30.02 -0.75 0.00	32.01 -1.00 0.00	31.58 -1.09 0.00	17.17 -0.91 15.67	2.73 -0.65 24.16	13.68 -0.62 4.70	28.51 -1.07 3.07	22.20 -0.83 2.78	9.17 -0.36 1.73	55.21 -1.00 0.00	158.91 -2.86 0.09	115.63 -2.24 1.42	41.06 -0.47 0.00	34.78 -0.37 0.09	35.66 -0.31 0.00

V_D_10_SYNC_DSASP 323841	7.63 -0.15 0.00	26.38 -0.47 0.00	14.51 -0.24 0.00	20.10 -0.37 0.00	18.91 -0.39 0.00	23.60 -0.45 0.00	35.44 -0.79 3.43	23.36 -0.74 7.07	21.78 -0.65 4.48	30.15 -0.62 0.00	32.26 -0.75 0.00	31.92 -0.76 0.00	328.61 -0.57 -295.43	464.53 -0.74 -437.73	59.10 -0.66 -40.75	23.22 -0.99 8.43	17.37 -0.79 7.65	6.23 -0.26 4.76	55.14 -1.07 0.00	160.51 -3.07 -1.72	143.30 -1.85 -25.86	41.12 -0.42 -0.02	36.71 -0.25 -1.72	35.75 -0.22 0.00
V_E_10_SYNC_DSASP 323830	19.19 0.17 -11.24	34.22 0.65 -6.73	22.74 0.38 -7.62	27.81 0.53 -6.81	30.39 0.56 -10.53	29.21 0.76 -4.39	44.95 1.55 -3.75	35.90 1.13 -3.60	31.67 0.67 -4.08	33.34 -0.14 -2.71	35.20 -0.35 -2.55	34.54 -0.50 -2.37	36.27 -0.20 -2.73	34.44 0.04 -6.87	31.04 0.59 -11.43	36.32 0.67 -3.01	66.85 1.56 -39.48	141.23 1.01 -128.96	133.02 5.05 -71.75	180.75 17.74 -1.14	131.04 11.75 0.00	45.01 3.48 0.00	38.22 2.98 0.00	39.02 3.04 0.00
V_F_30_NSYNC___DSASP 323816	38.24 0.47 -29.99	38.50 1.58 -10.07	35.19 0.85 -19.59	33.06 1.18 -11.41	39.84 1.12 -19.42	31.61 1.44 -6.12	44.76 2.72 -2.38	38.58 2.12 -5.28	34.53 1.67 -5.94	33.55 2.00 -0.78	35.60 2.15 -0.44	34.34 1.67 0.00	35.32 1.58 0.00	41.81 1.57 -12.70	50.23 1.17 -30.05	39.65 2.15 -4.85	132.28 1.75 -104.72	355.15 0.75 -343.14	249.14 3.94 -188.99	172.50 10.64 0.00	126.98 7.69 0.00	44.30 2.77 0.00	37.52 2.27 0.00	38.22 2.24 0.00
V_F_30_SYNC_DSASP 323786	37.51 0.29 -29.44	37.72 0.99 -9.88	34.51 0.53 -19.23	32.43 0.75 -11.20	39.05 0.68 -19.06	30.94 0.88 -6.01	43.40 1.39 -2.35	37.49 1.10 -5.22	33.77 0.99 -5.86	32.69 1.15 -0.77	34.73 1.28 -0.44	33.86 1.19 0.00	34.87 1.13 0.00	41.14 1.08 -12.52	49.43 0.79 -29.63	38.84 1.41 -4.78	130.19 1.13 -103.25	350.04 0.48 -338.32	244.88 2.34 -186.32	167.79 5.93 0.00	123.54 4.25 0.00	43.00 1.48 0.00	36.53 1.28 0.00	37.23 1.26 0.00
V_XM_10_SYNC_DSASP 323789	7.64 -0.14 0.00	26.38 -0.47 0.00	14.48 -0.27 0.00	20.04 -0.44 0.00	18.86 -0.44 0.00	23.57 -0.49 0.00	37.63 -0.78 1.25	27.89 -0.72 2.57	24.73 -0.56 1.63	30.02 -0.75 0.00	32.01 -1.00 0.00	31.58 -1.09 0.00	17.17 -0.91 15.67	2.73 -0.65 24.16	13.68 -0.62 4.70	28.51 -1.07 3.07	22.20 -0.83 2.78	9.17 -0.36 1.73	55.21 -1.00 0.00	158.91 -2.86 0.09	115.63 -2.24 1.42	41.06 -0.47 0.00	34.78 -0.37 0.09	35.66 -0.31 0.00
W.BABYLN_69_KV_BK1 56697	55.04 0.73 -46.53	53.86 2.31 -24.71	55.03 1.30 -38.98	53.11 1.83 -30.80	37.35 1.59 -16.46	31.50 2.26 -5.19	45.08 3.39 -2.04	38.56 2.85 -4.53	34.47 2.48 -5.07	34.22 2.79 -0.67	36.65 3.26 -0.38	36.02 3.35 0.00	36.97 3.22 0.00	40.85 2.50 -10.81	43.18 1.69 -22.48	35.80 2.89 -0.26	60.96 2.51 -32.65	79.72 1.32 -67.15	207.56 5.63 -145.72	172.48 16.11 5.49	103.72 11.82 27.39	39.46 3.56 5.62	38.34 3.10 0.00	39.05 3.07 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.41 0.59 -25.04	37.96 1.82 -9.29	32.35 1.00 -16.61	32.73 1.39 -10.87	38.29 1.27 -17.72	30.92 1.77 -5.10	44.63 2.97 -2.01	38.24 2.61 -4.45	34.17 2.27 -4.98	33.94 2.51 -0.65	36.18 2.81 -0.37	35.62 2.95 0.00	36.61 2.87 0.00	40.65 2.48 -10.62	45.90 1.74 -25.14	39.62 2.92 -4.06	116.02 2.53 -87.68	299.76 1.20 -287.31	220.66 5.51 -158.93	177.37 15.51 0.00	130.69 11.40 0.00	44.92 3.39 0.00	38.01 2.76 0.00	38.60 2.62 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.84 0.64 -25.43	37.31 1.93 -8.54	32.42 1.06 -16.61	31.64 1.49 -9.67	37.10 1.34 -16.46	31.16 1.92 -5.19	44.88 3.18 -2.04	38.54 2.83 -4.53	34.51 2.52 -5.07	34.26 2.82 -0.67	36.54 3.15 -0.38	35.98 3.31 0.00	36.96 3.21 0.00	41.10 2.75 -10.81	46.52 1.92 -25.59	40.00 3.22 -4.13	117.84 2.79 -89.24	304.98 1.31 -292.42	223.70 5.89 -161.60	178.12 16.25 0.00	131.37 12.08 0.00	45.16 3.63 0.00	38.22 2.98 0.00	38.77 2.79 0.00
W50THST__13_KV_LOAD 356117	33.88 0.67 -25.43	37.43 2.05 -8.54	32.49 1.13 -16.61	31.73 1.58 -9.67	37.20 1.43 -16.46	31.27 2.03 -5.19	45.09 3.39 -2.04	38.73 3.02 -4.53	34.69 2.70 -5.07	34.47 3.04 -0.67	36.79 3.40 -0.38	36.23 3.56 0.00	37.23 3.48 0.00	41.32 2.97 -10.81	46.67 2.07 -25.59	40.25 3.48 -4.13	118.05 3.00 -89.24	305.07 1.40 -292.42	224.11 6.30 -161.60	179.23 17.36 0.00	132.12 12.83 0.00	45.40 3.87 0.00	38.41 3.16 0.00	38.96 2.98 0.00
WADING RIVER_IC_1 23522	53.20 0.64 -44.79	52.22 2.01 -23.37	53.03 1.15 -37.12	51.17 1.65 -29.05	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.05 -2.04	38.27 2.57 -4.53	34.19 2.20 -5.07	33.91 2.47 -0.67	36.27 2.89 -0.38	35.63 2.96 0.00	36.54 2.79 0.00	40.48 2.13 -10.81	42.45 1.41 -22.03	34.83 2.48 0.30	54.54 2.18 -26.55	55.47 1.20 -43.01	204.73 5.08 -143.44	170.26 14.67 6.27	98.71 10.74 31.31	38.23 3.13 6.43	38.02 2.78 0.00	38.72 2.74 0.00
WADING RIVER_IC_2 23547	53.20 0.64 -44.79	52.22 2.01 -23.37	53.03 1.15 -37.12	51.17 1.65 -29.05	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.05 -2.04	38.27 2.57 -4.53	34.19 2.20 -5.07	33.91 2.47 -0.67	36.27 2.89 -0.38	35.63 2.96 0.00	36.54 2.79 0.00	40.48 2.13 -10.81	42.45 1.41 -22.03	34.83 2.48 0.30	54.54 2.18 -26.55	55.47 1.20 -43.01	204.73 5.08 -143.44	170.26 14.67 6.27	98.71 10.74 31.31	38.23 3.13 6.43	38.02 2.78 0.00	38.72 2.74 0.00
WADING RIVER_IC_3 23601	53.20 0.64 -44.79	52.22 2.01 -23.37	53.03 1.15 -37.12	51.17 1.65 -29.05	37.21 1.44 -16.46	31.33 2.08 -5.19	44.74 3.05 -2.04	38.27 2.57 -4.53	34.19 2.20 -5.07	33.91 2.47 -0.67	36.27 2.89 -0.38	35.63 2.96 0.00	36.54 2.79 0.00	40.48 2.13 -10.81	42.45 1.41 -22.03	34.83 2.48 0.30	54.54 2.18 -26.55	55.47 1.20 -43.01	204.73 5.08 -143.44	170.26 14.67 6.27	98.71 10.74 31.31	38.23 3.13 6.43	38.02 2.78 0.00	38.72 2.74 0.00
WALDENNY_12_KV_BK2 80841	3.02 -0.48 4.27	8.40 -1.74 16.71	9.85 -1.00 3.90	5.61 -1.22 13.65	-0.37 -1.07 18.60	9.70 -1.43 12.91	21.07 -2.34 16.23	18.87 -1.67 10.64	14.57 -1.28 11.06	15.77 -1.00 14.01	18.33 -0.92 13.75	18.19 -0.86 13.62	20.93 -0.99 11.82	18.26 -1.18 8.10	14.04 -0.62 4.36	23.76 -1.39 7.49	31.78 -1.27 -7.24	36.92 -0.42 -26.09	61.78 -3.32 -8.89	149.94 -5.30 6.63	114.84 -4.79 -0.34	39.54 -1.99 0.00	33.36 -1.90 -0.02	34.62 -1.36 0.00
WALDEN___HYDRO 24148	34.25 0.64 -25.83	37.55 2.04 -8.67	32.72 1.10 -16.87	31.83 1.53 -9.83	37.44 1.42 -16.72	31.24 1.91 -5.27	45.00 3.27 -2.07	38.60 2.83 -4.60	34.41 2.34 -5.15	33.96 2.51 -0.68	36.15 2.76 -0.39	35.52 2.85 0.00	36.46 2.72 0.00	40.83 2.31 -10.98	46.65 1.65 -25.99	39.67 2.83 -4.20	118.99 2.51 -90.67	309.59 1.23 -297.10	221.95 5.40 -160.35	176.85 14.99 0.00	130.29 11.00 0.00	44.87 3.34 0.00	37.97 2.73 0.00	38.54 2.57 0.00
WARRENSBURG____ 23737	38.38 0.55 -30.05	38.75 1.81 -10.09	35.34 0.96 -19.63	33.24 1.33 -11.44	40.04 1.28 -19.46	31.85 1.66 -6.13	45.24 3.19 -2.39	38.93 2.46 -5.30	34.77 1.88 -5.97	33.77 2.22 -0.78	35.77 2.32 -0.45	34.34 1.67 0.00	35.33 1.58 0.00	41.96 1.66 -12.76	50.46 1.24 -30.21	39.81 2.29 -4.88	132.95 1.87 -105.27	357.00 0.81 -344.94	250.37 4.18 -189.98	173.48 11.62 0.00	127.59 8.30 0.00	44.70 3.17 0.00	37.75 2.51 0.00	38.42 2.44 0.00

WATERSIDE___6 8 9 23538	33.83 0.63 -25.43	37.28 1.90 -8.54	32.42 1.06 -16.61	31.63 1.48 -9.67	37.08 1.31 -16.46	31.15 1.90 -5.19	44.79 3.09 -2.04	38.50 2.79 -4.53	34.47 2.48 -5.07	34.19 2.76 -0.67	36.46 3.08 -0.38	35.92 3.25 0.00	36.89 3.14 0.00	41.07 2.72 -10.81	46.49 1.88 -25.59	39.96 3.19 -4.13	117.80 2.75 -89.24	304.96 1.29 -292.42	223.53 5.71 -161.61	177.62 15.76 0.00	131.13 11.84 0.00	45.11 3.58 0.00	38.20 2.95 0.00	38.72 2.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	8.12 0.34 0.00	28.10 1.25 0.00	15.41 0.65 0.00	21.44 0.96 0.00	20.23 0.94 0.00	25.22 1.16 0.00	43.03 2.03 -1.35	34.76 0.80 -2.79	29.22 0.54 -1.76	31.55 0.78 0.00	33.14 0.14 0.00	31.98 -0.69 0.00	38.92 -0.21 -5.38	36.13 0.01 -8.59	22.52 0.34 -3.16	36.77 0.80 -3.32	30.45 1.64 -3.01	13.69 0.57 -1.87	60.20 3.99 0.00	173.24 11.34 -0.03	127.15 7.39 -0.47	43.72 2.19 0.00	37.49 2.22 -0.03	38.18 2.20 0.00
WDELAWARE___HYD 323627	32.29 0.45 -24.06	37.36 1.40 -9.12	31.51 0.75 -16.01	32.27 1.06 -10.73	37.63 0.98 -17.35	30.30 1.35 -4.90	43.91 2.34 -1.92	37.60 2.09 -4.33	33.59 1.69 -4.98	33.07 1.67 -0.63	35.19 1.83 -0.36	34.60 1.93 0.00	35.39 1.65 0.00	38.59 0.84 -10.20	43.78 0.63 -24.14	37.62 1.08 -3.90	111.42 1.10 -84.52	288.88 0.69 -276.94	210.90 3.11 -151.58	174.58 12.72 0.00	128.57 9.28 0.00	44.24 2.71 0.00	37.43 2.19 0.00	37.95 1.98 0.00
WEST BABYLON___IC 23714	55.04 0.73 -46.53	53.86 2.31 -24.71	55.03 1.30 -38.98	53.11 1.83 -30.80	37.35 1.59 -16.46	31.50 2.26 -5.19	45.08 3.39 -2.04	38.56 2.85 -4.53	34.47 2.48 -5.07	34.22 2.79 -0.67	36.65 3.26 -0.38	36.02 3.35 0.00	36.97 3.22 0.00	40.85 2.50 -10.81	43.18 1.69 -22.48	35.80 2.89 -0.26	60.96 2.51 -32.65	79.72 1.32 -67.15	207.56 5.63 -145.72	172.48 16.11 5.49	103.72 11.82 27.39	39.46 3.56 5.62	38.34 3.10 0.00	39.05 3.07 0.00
WEST CANADA___HYD 24049	7.83 0.05 0.00	27.01 0.16 0.00	14.84 0.09 0.00	20.58 0.11 0.00	19.42 0.12 0.00	24.19 0.13 0.00	41.22 0.22 -1.35	34.14 0.18 -2.79	28.83 0.15 -1.76	30.92 0.15 0.00	33.17 0.16 0.00	32.81 0.13 0.00	39.27 0.14 -5.38	36.28 0.15 -8.59	22.29 0.11 -3.16	36.18 0.21 -3.32	28.99 0.18 -3.01	13.20 0.08 -1.87	56.60 0.38 0.00	162.91 1.01 -0.03	120.48 0.72 -0.47	41.76 0.23 0.00	35.50 0.23 -0.03	36.19 0.22 0.00
WESTERN_NY_WIND 24143	6.38 -0.30 1.10	15.48 -1.07 10.30	12.31 -0.64 1.80	10.31 -0.71 9.46	6.57 -0.61 12.12	16.50 -0.77 6.78	29.70 -1.22 8.73	24.66 -0.84 5.68	20.16 -0.66 6.09	22.81 -0.35 7.61	25.42 -0.10 7.48	24.96 -0.28 7.43	28.83 -0.29 4.63	25.42 -0.55 1.15	17.69 -0.87 0.77	27.84 -0.93 3.88	33.43 -0.87 -8.49	40.23 -0.13 -29.11	66.74 -2.06 -12.58	155.37 -2.82 3.68	116.73 -2.90 -0.35	40.21 -1.32 0.00	33.90 -1.37 -0.02	35.08 -0.90 0.00
WESTOVER___LESR 323668	18.30 0.08 -10.45	40.20 0.24 -13.11	24.04 0.11 -9.18	37.86 0.20 -17.18	41.39 0.22 -21.87	27.51 0.29 -3.17	42.96 0.61 -2.69	34.72 0.59 -2.95	31.71 0.42 -4.36	32.98 0.36 -1.85	35.21 0.42 -1.78	34.79 0.50 -1.63	36.20 0.58 -1.87	33.69 0.47 -5.67	29.46 0.34 -10.10	35.57 0.49 -2.43	57.54 0.52 -31.21	113.46 0.22 -101.99	116.80 1.05 -59.54	165.69 3.83 0.00	121.88 2.59 0.00	42.22 0.69 0.00	35.77 0.53 0.00	36.54 0.57 0.00
WETHRSFD_WT_PWR 323626	-12.02 -0.61 19.19	-15.75 -2.38 40.21	1.15 -1.25 12.35	-6.08 -1.72 24.83	-21.41 -1.54 39.17	-18.22 -1.89 40.38	-13.07 -3.16 49.57	-24.22 -2.75 52.65	-21.87 -2.25 46.54	-15.00 -2.20 43.57	-10.84 -2.23 41.61	-10.48 -2.03 41.11	-11.68 -1.96 43.47	-13.33 -1.83 39.04	-3.62 -1.12 21.51	6.59 -2.30 23.76	21.44 -1.79 2.57	9.37 -0.65 1.23	36.29 -3.49 16.43	133.88 -4.49 23.49	116.01 -3.62 -0.34	40.00 -1.53 0.00	33.74 -1.53 -0.02	34.94 -1.04 0.00
WHAVSTOR_138KV_BK127 55557	33.40 0.55 -25.06	37.85 1.71 -9.30	32.31 0.94 -16.62	32.66 1.31 -10.87	38.23 1.20 -17.73	30.83 1.67 -5.10	44.46 2.80 -2.01	38.10 2.46 -4.46	34.05 2.15 -4.99	33.79 2.37 -0.66	36.04 2.67 -0.37	35.47 2.80 0.00	36.45 2.70 0.00	40.52 2.35 -10.64	45.81 1.64 -25.17	39.45 2.74 -4.06	115.97 2.39 -87.77	299.98 1.13 -287.59	220.47 5.18 -159.08	176.35 14.49 0.00	129.95 10.66 0.00	44.69 3.16 0.00	37.83 2.58 0.00	38.42 2.44 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.40 0.55 -25.06	37.85 1.71 -9.30	32.31 0.94 -16.62	32.66 1.31 -10.87	38.23 1.20 -17.73	30.83 1.67 -5.10	44.46 2.80 -2.01	38.10 2.46 -4.46	34.05 2.15 -4.99	33.79 2.37 -0.66	36.04 2.67 -0.37	35.47 2.80 0.00	36.45 2.70 0.00	40.52 2.35 -10.64	45.81 1.64 -25.17	39.45 2.74 -4.06	115.97 2.39 -87.77	299.98 1.13 -287.59	220.47 5.18 -159.08	176.35 14.49 0.00	129.95 10.66 0.00	44.69 3.16 0.00	37.83 2.58 0.00	38.42 2.44 0.00
WHITEHAL_115KV_TB1 80871	38.49 0.68 -30.02	39.13 2.21 -10.08	35.48 1.13 -19.61	33.44 1.54 -11.42	40.21 1.47 -19.44	32.19 2.01 -6.13	46.08 4.04 -2.39	39.42 2.95 -5.29	35.30 2.42 -5.96	34.02 2.47 -0.78	35.97 2.52 -0.45	34.47 1.80 0.00	35.26 1.52 0.00	42.20 1.91 -12.75	50.59 1.41 -30.17	40.43 2.91 -4.87	133.65 2.70 -105.14	356.80 1.02 -344.53	251.94 5.98 -189.75	178.71 16.84 0.00	131.00 11.71 0.00	45.93 4.40 0.00	38.61 3.37 0.00	38.99 3.01 0.00
WHITEPLN_13_KV_LOAD 356215	33.82 0.64 -25.41	37.36 1.99 -8.53	32.43 1.09 -16.59	31.66 1.52 -9.67	37.14 1.38 -16.45	31.18 1.94 -5.18	44.94 3.25 -2.04	38.56 2.86 -4.53	34.50 2.52 -5.07	34.24 2.81 -0.67	36.52 3.13 -0.38	35.93 3.27 0.00	36.92 3.17 0.00	41.06 2.71 -10.80	46.47 1.89 -25.57	39.97 3.20 -4.13	117.74 2.77 -89.16	304.72 1.31 -292.15	223.68 5.99 -161.47	178.66 16.79 0.00	131.54 12.24 0.00	45.25 3.73 0.00	38.29 3.04 0.00	38.86 2.88 0.00
WM_FLOYD_69_KV_BK2 356380	53.24 0.65 -44.82	52.28 2.04 -23.39	53.08 1.18 -37.16	51.23 1.68 -29.08	37.23 1.46 -16.46	31.38 2.13 -5.19	44.83 3.13 -2.04	38.33 2.62 -4.53	34.24 2.25 -5.07	33.98 2.54 -0.67	36.32 2.94 -0.38	35.66 2.99 0.00	36.59 2.84 0.00	40.50 2.15 -10.81	42.47 1.42 -22.04	34.88 2.51 0.29	54.74 2.24 -26.69	56.07 1.24 -43.58	204.83 5.13 -143.48	170.39 14.78 6.26	98.92 10.87 31.24	38.32 3.21 6.42	38.07 2.82 0.00	38.76 2.78 0.00
WOODARD__115KV_TB2 355635	10.23 -0.07 -2.52	26.57 -0.24 0.03	16.00 -0.14 -1.40	19.92 -0.19 0.37	19.29 -0.16 -0.15	24.40 -0.19 -0.53	39.63 -0.22 -0.20	31.47 -0.14 -0.44	27.26 -0.17 -0.52	30.62 -0.22 -0.07	32.85 -0.20 -0.04	32.56 -0.11 0.00	42.19 -0.04 -8.49	41.25 -0.02 -13.73	22.96 -0.04 -3.99	32.88 -0.19 -0.43	34.74 -0.20 -9.14	41.11 -0.08 -29.94	71.70 -0.55 -16.04	160.85 -1.06 -0.05	119.11 -0.92 -0.74	41.13 -0.40 0.00	34.92 -0.37 -0.05	35.63 -0.35 0.00
YORK___WARBASSE 23770	33.88 0.67 -25.43	37.41 2.03 -8.54	32.50 1.14 -16.61	31.71 1.57 -9.67	37.18 1.41 -16.46	31.24 1.99 -5.19	44.98 3.29 -2.04	38.65 2.94 -4.53	34.54 2.55 -5.07	34.24 2.80 -0.67	36.51 3.12 -0.38	36.01 3.33 0.00	37.01 3.26 0.00	41.17 2.82 -10.81	46.57 1.96 -25.59	40.06 3.29 -4.13	117.88 2.83 -89.24	305.03 1.36 -292.42	223.83 6.01 -161.61	178.76 16.90 0.00	131.99 12.70 0.00	45.38 3.85 0.00	38.38 3.14 0.00	38.91 2.94 0.00