

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/06/2025

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	36.85	31.27	23.26	25.43	26.97	32.61	32.51	37.93	32.65	31.95	30.35	26.89	33.80	35.82	38.41	41.73	63.28	233.39	244.23	76.34	64.16	52.03	49.87	37.30
24138	2.06	1.72	1.21	1.25	1.33	1.65	1.93	2.28	2.14	2.03	2.24	2.04	2.47	2.61	2.80	2.85	4.30	15.54	15.70	4.84	3.21	2.05	1.92	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.80	0.00	-2.84	-2.62	-2.98	-5.01	-5.83	-6.34	-6.76	-4.48	-10.41	-3.20	-0.77	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.86	31.27	23.26	25.43	26.95	32.59	32.50	37.90	32.61	31.88	30.31	26.84	33.73	35.75	38.34	41.69	63.28	233.39	244.30	76.44	64.28	52.16	49.98	37.36
24260	2.08	1.71	1.20	1.24	1.32	1.63	1.92	2.25	2.10	1.97	2.21	2.00	2.41	2.55	2.75	2.82	4.30	15.54	15.77	4.95	3.34	2.18	2.03	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.80	0.00	-2.84	-2.61	-2.97	-5.00	-5.82	-6.33	-6.75	-4.47	-10.40	-3.20	-0.77	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.86	31.27	23.26	25.43	26.95	32.59	32.50	37.90	32.61	31.88	30.31	26.84	33.73	35.75	38.34	41.69	63.28	233.39	244.30	76.44	64.28	52.16	49.98	37.36
24261	2.08	1.71	1.20	1.24	1.32	1.63	1.92	2.25	2.10	1.97	2.21	2.00	2.41	2.55	2.75	2.82	4.30	15.54	15.77	4.95	3.34	2.18	2.03	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	-0.30	-0.80	0.00	-2.84	-2.61	-2.97	-5.00	-5.82	-6.33	-6.75	-4.47	-10.40	-3.20	-0.77	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	36.18	30.83	23.02	25.23	26.75	32.40	34.08	42.37	32.05	28.45	26.72	23.11	28.20	29.51	31.65	35.07	58.51	242.69	258.58	77.68	64.39	52.22	49.78	37.00
24011	1.40	1.28	0.97	1.04	1.12	1.45	1.80	2.20	1.54	0.87	0.63	0.56	0.73	0.79	0.92	1.39	2.97	13.32	14.54	4.59	3.44	2.25	1.82	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-5.32	0.00	-0.51	-0.60	-0.68	-1.16	-1.35	-1.47	-1.56	-1.03	-21.92	-18.71	-2.37	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	36.24	30.92	23.08	25.30	26.83	32.51	34.23	42.52	32.20	28.46	26.69	23.09	28.19	29.51	31.63	35.15	58.86	243.40	259.70	78.13	64.85	52.49	49.95	37.11
23798	1.46	1.37	1.03	1.12	1.20	1.55	1.99	2.47	1.69	0.89	0.60	0.54	0.72	0.79	0.92	1.48	3.32	14.55	16.08	5.10	3.91	2.52	1.99	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	-1.96	-5.20	0.00	-0.50	-0.60	-0.68	-1.15	-1.34	-1.46	-1.56	-1.03	-21.41	-18.29	-2.32	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	36.18	30.83	23.02	25.23	26.75	32.40	34.08	42.37	32.05	28.45	26.72	23.11	28.20	29.51	31.65	35.07	58.51	242.69	258.58	77.68	64.39	52.22	49.78	37.00
24028	1.40	1.28	0.97	1.04	1.12	1.45	1.80	2.20	1.54	0.87	0.63	0.56	0.73	0.79	0.92	1.39	2.97	13.32	14.54	4.59	3.44	2.25	1.82	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	-2.00	-5.32	0.00	-0.51	-0.60	-0.68	-1.16	-1.35	-1.47	-1.56	-1.03	-21.92	-18.71	-2.37	0.00	0.00	0.00	0.00
ADK_NYS___DAM	36.05	30.61	22.90	25.05	26.57	32.23	34.86	44.82	31.98	28.75	27.11	23.46	28.65	30.03	32.10	35.44	58.12	249.91	264.34	77.68	63.30	51.56	49.18	36.61
23527	1.27	1.06	0.85	0.87	0.93	1.28	1.57	1.98	1.46	1.00	0.83	0.69	0.80	0.88	0.91	1.26	2.26	10.20	10.97	3.45	2.36	1.58	1.23	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	-3.01	-7.99	0.00	-0.68	-0.79	-0.90	-1.52	-1.77	-1.93	-2.06	-1.36	-32.27	-28.05	-3.51	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.80	29.66	22.20	24.28	25.74	31.12	27.43	26.79	30.77	27.71	26.27	22.77	27.74	29.04	31.12	34.15	55.89	165.62	195.90	66.20	60.85	49.75	47.58	35.46
24190	0.02	0.11	0.14	0.10	0.11	0.16	0.36	0.45	0.26	0.09	0.10	0.13	0.10	0.12	0.19	0.24	0.20	1.46	1.62	0.45	-0.09	-0.22	-0.37	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	3.21	8.51	0.00	-0.55	-0.68	-0.78	-1.32	-1.54	-1.68	-1.78	-1.18	43.29	31.04	4.97	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	35.15	29.85	22.24	24.40	25.87	31.19	30.31	34.90	30.60	27.26	25.46	21.78	26.25	27.23	28.99	31.84	54.30	205.84	223.65	70.35	61.25	50.59	48.73	36.24
355683	0.36	0.30	0.19	0.22	0.23	0.24	0.03	0.04	0.09	0.19	-0.04	-0.09	-0.07	-0.15	-0.27	-0.28	-0.21	-1.61	-1.68	-0.37	0.30	0.62	0.77	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	34.86	29.69	22.21	24.32	25.78	31.17	27.36	26.48	30.56	27.22	25.93	22.47	27.42	28.73	30.78	33.81	55.48	165.62	195.15	66.35	61.03	49.91	47.74	35.56
323833	0.07	0.14	0.15	0.13	0.14	0.22	0.39	0.41	0.05	-0.28	-0.29	-0.22	-0.30	-0.28	-0.26	-0.20	-0.27	1.03	1.67	0.56	0.09	-0.07	-0.21	-0.11
	0.00	0.00	0.00	0.00	0.00	0.00	3.31	8.78	0.00	-0.43	-0.73	-0.83	-1.40	-1.63	-1.78	-1.89	-1.25	42.85	31.85	4.93	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	34.84	29.68	22.20	24.30	25.77	31.15	27.35	26.48	30.55	27.22	25.93	22.47	27.41	28.72	30.77	33.80	55.43	165.58	195.14	66.34	61.00	49.89	47.72	35.55
323834	0.05	0.13	0.15	0.12	0.13	0.20	0.38	0.40	0.04	-0.28	-0.29	-0.23	-0.31	-0.29	-0.27	-0.22	-0.32	0.92	1.60	0.54	0.06	-0.08	-0.23	-0.12
	0.00	0.00	0.00	0.00	0.00	0.00	3.30	8.77	0.00	-0.43	-0.73	-0.83	-1.40	-1.63	-1.78	-1.89	-1.25	42.78	31.79	4.92	0.00	0.00	0.00	0.00
ALBANY___1	34.80	29.66	22.20	24.28	25.74	31.12	27.43	26.79	30.77	27.71	26.27	22.77	27.74	29.04	31.12	34.15	55.89	165.62	195.90	66.20	60.85	49.75	47.58	35.46
23571	0.02	0.11	0.14	0.10	0.11	0.16	0.36	0.45	0.26	0.09	0.10	0.13	0.10	0.12	0.19	0.24	0.20	1.46	1.62	0.45	-0.09	-0.22	-0.37	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	3.21	8.51	0.00	-0.55	-0.68	-0.78	-1.32	-1.54	-1.68	-1.78	-1.18	43.29	31.04	4.97	0.00	0.00	0.00	0.00

ALBANY___2 23572	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.74 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.27 0.10 -0.68	22.77 0.13 -0.78	27.74 0.10 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.46 43.29	195.90 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.75 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
ALBANY___3 23573	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.74 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.27 0.10 -0.68	22.77 0.13 -0.78	27.74 0.10 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.46 43.29	195.90 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.75 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
ALBANY___4 23574	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.74 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.27 0.10 -0.68	22.77 0.13 -0.78	27.74 0.10 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.46 43.29	195.90 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.75 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
ALBANY___LFGE 323615	35.20 0.41 0.00	29.98 0.43 0.00	22.42 0.37 0.00	24.54 0.35 0.00	26.01 0.38 0.00	31.45 0.49 0.00	31.98 0.71 -0.99	38.33 0.85 -2.63	31.11 0.60 0.00	28.02 0.39 -0.55	26.55 0.38 -0.67	23.00 0.36 -0.77	28.01 0.40 -1.30	29.35 0.46 -1.51	31.46 0.55 -1.65	34.57 0.69 -1.76	56.65 0.98 -1.16	220.25 4.61 -8.19	239.08 4.84 -8.91	72.98 1.44 -0.82	61.69 0.75 0.00	50.38 0.41 0.00	48.17 0.21 0.00	35.87 0.20 0.00
ALCOA_PA_115KV_PL-6C 55860	35.30 0.51 0.00	29.98 0.43 0.00	22.33 0.28 0.00	24.50 0.32 0.00	25.97 0.34 0.00	31.33 0.38 0.00	30.45 0.18 0.00	35.06 0.21 0.00	30.74 0.23 0.00	27.34 0.27 0.00	25.53 0.04 0.00	21.84 -0.03 0.00	26.31 -0.02 0.00	27.31 -0.07 0.00	29.06 -0.20 0.00	31.91 -0.21 0.00	54.42 -0.09 0.00	206.81 -0.63 0.00	225.33 0.00 0.00	70.70 -0.02 0.00	61.55 0.61 0.00	50.86 0.88 0.00	48.98 1.02 0.00	36.42 0.75 0.00
ALCOA_RYNLDS___DRP 24188	35.30 0.51 0.00	29.98 0.43 0.00	22.33 0.28 0.00	24.50 0.32 0.00	25.97 0.34 0.00	31.33 0.38 0.00	30.45 0.18 0.00	35.06 0.21 0.00	30.74 0.23 0.00	27.34 0.27 0.00	25.53 0.04 0.00	21.84 -0.03 0.00	26.31 -0.02 0.00	27.31 -0.07 0.00	29.06 -0.20 0.00	31.91 -0.21 0.00	54.42 -0.09 0.00	206.81 -0.63 0.00	225.33 0.00 0.00	70.70 -0.02 0.00	61.55 0.61 0.00	50.86 0.88 0.00	48.98 1.02 0.00	36.42 0.75 0.00
ALCOA___DSASP 323711	35.30 0.51 0.00	29.99 0.43 0.00	22.33 0.28 0.00	24.50 0.32 0.00	25.97 0.34 0.00	31.33 0.38 0.00	30.46 0.18 0.00	35.06 0.21 0.00	30.74 0.23 0.00	27.34 0.27 0.00	25.53 0.04 0.00	21.84 -0.03 0.00	26.31 -0.02 0.00	27.31 -0.07 0.00	29.06 -0.20 0.00	31.92 -0.20 0.00	54.42 -0.09 0.00	206.82 -0.62 0.00	225.33 0.00 0.00	70.70 -0.02 0.00	61.55 0.61 0.00	50.85 0.87 0.00	48.98 1.02 0.00	36.42 0.75 0.00
ALLEGHENY___COGEN 23514	35.24 0.42 -0.03	29.70 0.15 0.00	22.04 -0.01 0.00	24.34 0.16 0.00	25.79 0.15 0.00	31.30 0.34 0.00	31.09 0.82 0.00	35.53 0.68 0.00	31.39 0.87 0.00	33.37 0.54 -5.76	32.61 0.70 -6.42	27.81 0.61 -5.33	26.31 0.79 0.80	27.26 0.87 0.99	29.00 0.82 1.08	31.92 0.58 0.78	56.45 0.41 -1.54	216.68 4.46 -4.79	240.80 8.67 -6.80	76.51 3.01 -2.78	65.51 2.15 -2.41	54.00 1.39 -2.64	51.72 1.34 -2.43	37.12 0.49 -0.96
ALTAMONT_115KV_TB 2 55880	35.11 0.33 0.00	29.89 0.34 0.00	22.35 0.29 0.00	24.47 0.28 0.00	25.94 0.30 0.00	31.33 0.38 0.00	28.71 0.54 2.11	29.87 0.62 5.60	30.97 0.46 0.00	27.89 0.30 -0.52	26.46 0.32 -0.65	22.91 0.31 -0.74	27.92 0.35 -1.25	29.23 0.39 -1.45	31.28 0.44 -1.58	34.31 0.50 -1.69	56.28 0.65 -1.12	182.55 2.84 27.73	208.02 3.06 20.37	68.50 1.00 3.22	61.39 0.44 0.00	50.18 0.20 0.00	48.05 0.10 0.00	35.80 0.13 0.00
ALTONA_WT_PWR 323606	35.45 0.67 0.00	29.82 0.26 0.00	22.11 0.06 0.00	24.07 -0.11 0.00	25.49 -0.14 0.00	31.00 0.05 0.00	30.29 0.01 0.00	34.96 0.11 0.00	30.79 0.28 0.00	27.77 0.70 0.00	26.02 0.53 0.00	21.98 0.11 0.00	25.91 -0.41 0.00	26.44 -0.94 0.00	28.02 -1.24 0.00	30.38 -1.74 0.00	51.83 -2.68 0.00	197.66 -9.78 0.00	217.10 -8.22 0.00	44.02 -3.53 23.18	26.41 -2.77 31.76	22.97 -1.48 25.52	47.65 -0.30 0.00	36.01 0.34 0.00
AMERICAN_REF_FUEL 24010	33.15 -1.66 -0.03	28.07 -1.49 0.00	20.74 -1.31 0.00	23.05 -1.14 0.00	24.37 -1.27 0.00	29.50 -1.46 0.00	28.63 -1.65 0.00	32.18 -2.67 0.00	29.11 -1.41 0.00	33.21 -0.61 -6.75	32.48 -0.54 -7.52	27.63 -0.52 -6.27	25.15 -0.44 0.73	26.08 -0.38 0.92	27.51 -0.75 1.01	29.98 -1.42 0.72	52.18 -3.79 -1.46	197.92 -14.05 -4.53	213.88 -17.86 -6.42	67.62 -5.72 -2.62	58.26 -4.96 -2.28	48.37 -4.10 -2.49	47.09 -3.15 -2.29	34.57 -2.00 -0.90
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.48 -1.34 -0.03	28.01 -1.54 0.00	20.67 -1.38 0.00	22.86 -1.33 0.00	24.23 -1.41 0.00	29.58 -1.37 0.00	29.26 -1.02 0.00	33.16 -1.69 0.00	30.03 -0.48 0.00	33.36 0.22 -6.07	32.84 0.59 -6.76	27.98 0.50 -5.62	26.14 0.62 0.80	27.08 0.70 1.00	28.80 0.63 1.09	31.40 0.08 0.81	55.17 -0.77 -1.43	209.63 -2.37 -4.55	226.82 -5.02 -6.51	71.65 -1.72 -2.66	61.08 -2.17 -2.31	49.78 -2.72 -2.52	48.04 -2.24 -2.33	34.51 -2.07 -0.92
ARTHUR KILL_GT_1 23520	36.70 1.92 0.00	31.14 1.58 0.00	23.16 1.10 0.00	25.32 1.13 0.00	26.83 1.20 0.00	32.43 1.48 0.00	32.35 1.78 -0.30	37.67 2.02 -0.80	32.40 1.88 0.00	31.64 1.73 -2.84	30.07 1.96 -2.61	26.63 1.80 -2.97	33.47 2.15 -5.00	35.47 2.27 -5.82	38.01 2.41 -6.33	41.23 2.35 -6.75	62.44 3.47 -4.47	230.83 12.99 -10.40	242.55 14.02 -3.20	75.89 4.40 -0.77	63.81 2.86 0.00	51.80 1.82 0.00	49.64 1.69 0.00	37.22 1.55 0.00
ARTHUR_KILL_2 23512	36.60 1.81 0.00	31.06 1.50 0.00	23.10 1.05 0.00	25.25 1.07 0.00	26.77 1.13 0.00	32.35 1.40 0.00	32.27 1.69 -0.30	37.58 1.93 -0.80	32.31 1.80 0.00	31.57 1.67 -2.84	30.01 1.90 -2.61	26.59 1.75 -2.97	33.39 2.07 -5.00	35.41 2.20 -5.82	37.93 2.34 -6.33	41.14 2.27 -6.75	62.30 3.32 -4.47	230.24 12.39 -10.40	241.86 13.33 -3.20	75.68 4.19 -0.77	63.63 2.68 0.00	51.65 1.68 0.00	49.51 1.56 0.00	37.12 1.45 0.00
ARTHUR_KILL_3 23513	36.44 1.66 0.00	30.91 1.36 0.00	22.99 0.94 0.00	25.14 0.95 0.00	26.66 1.02 0.00	32.20 1.25 0.00	32.12 1.54 -0.30	37.45 1.80 -0.80	32.20 1.69 0.00	31.51 1.60 -2.84	29.94 1.84 -2.62	26.55 1.71 -2.97	33.36 2.03 -5.01	35.37 2.16 -5.82	37.95 2.35 -6.34	41.24 2.36 -6.76	62.50 3.53 -4.47	230.67 12.82 -10.41	241.41 12.88 -3.20	75.49 4.00 -0.77	63.44 2.50 0.00	51.48 1.51 0.00	49.36 1.41 0.00	36.89 1.22 0.00

ARTHUR_KILL_COGEN 323718	36.69 1.91 0.00	31.14 1.58 0.00	23.16 1.10 0.00	25.32 1.13 0.00	26.83 1.20 0.00	32.43 1.48 0.00	32.35 1.77 -0.30	37.67 2.02 -0.80	32.40 1.88 0.00	31.64 1.73 -2.84	30.07 1.96 -2.61	26.64 1.80 -2.97	33.45 2.13 -5.00	35.46 2.26 -5.82	38.01 2.41 -6.33	41.23 2.35 -6.75	62.44 3.47 -4.47	230.86 13.02 -10.40	242.57 14.04 -3.20	75.91 4.42 -0.77	63.81 2.87 0.00	51.80 1.83 0.00	49.65 1.69 0.00	37.22 1.55 0.00
ASHOKAN____ 23654	35.70 0.92 0.00	30.32 0.77 0.00	22.63 0.58 0.00	24.76 0.57 0.00	26.25 0.61 0.00	31.76 0.80 0.00	28.98 1.14 2.43	29.85 1.46 6.46	31.67 1.16 0.00	27.93 0.86 0.00	27.27 0.75 -1.03	23.66 0.62 -1.18	29.10 0.79 -1.99	30.56 0.86 -2.32	32.79 1.01 -2.53	36.02 1.21 -2.69	58.42 2.14 -1.78	188.35 10.70 29.79	213.80 11.82 23.35	70.80 3.58 3.51	63.23 2.28 0.00	51.46 1.49 0.00	49.18 1.23 0.00	36.54 0.88 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 2.00 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.53 2.21 -5.00	35.54 2.33 -5.82	38.05 2.46 -6.33	41.39 2.51 -6.75	62.75 3.78 -4.47	231.01 13.16 -10.40	242.33 13.80 -3.20	75.89 4.40 -0.77	63.91 2.96 0.00	51.87 1.90 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.14 2.03 -2.61	26.71 1.87 -2.97	33.53 2.21 -5.00	35.53 2.33 -5.82	38.04 2.44 -6.33	41.38 2.51 -6.75	62.74 3.76 -4.47	230.92 13.08 -10.40	242.15 13.62 -3.20	75.86 4.37 -0.77	63.87 2.92 0.00	51.86 1.88 0.00	49.77 1.82 0.00	37.25 1.58 0.00
ASTORIA_GT2_1 24094	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT2_2 24095	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT2_3 24096	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT2_4 24097	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT3_1 24098	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT3_2 24099	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT3_3 24100	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT3_4 24101	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT4_1 24102	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT4_2 24103	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT4_3 24104	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00

ASTORIA_GT4_4 24105	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 1.99 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.55 2.23 -5.00	35.54 2.34 -5.82	38.05 2.46 -6.33	41.39 2.52 -6.75	62.75 3.77 -4.47	231.00 13.16 -10.40	242.30 13.77 -3.20	75.89 4.39 -0.77	63.90 2.96 0.00	51.87 1.89 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA_GT_1 23523	36.82 2.03 0.00	31.22 1.66 0.00	23.24 1.18 0.00	25.40 1.21 0.00	26.92 1.28 0.00	32.54 1.59 0.00	32.46 1.89 -0.30	37.86 2.21 -0.80	32.58 2.06 0.00	31.82 1.91 -2.84	30.21 2.11 -2.61	26.76 1.92 -2.97	33.62 2.30 -5.00	35.61 2.41 -5.82	38.12 2.52 -6.33	41.47 2.59 -6.75	62.89 3.91 -4.47	231.48 13.64 -10.40	242.83 14.30 -3.20	76.04 4.55 -0.77	64.02 3.08 0.00	51.97 2.00 0.00	49.88 1.93 0.00	37.33 1.66 0.00
ASTORIA_GT_10 24110	36.68 1.90 0.00	31.14 1.59 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.76 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.69 1.85 -2.97	33.55 2.23 -5.00	35.55 2.35 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.71 3.73 -4.47	231.27 13.42 -10.40	242.16 13.63 -3.20	75.77 4.27 -0.77	63.73 2.78 0.00	51.70 1.73 0.00	49.59 1.63 0.00	37.14 1.47 0.00
ASTORIA_GT_11 24225	36.68 1.90 0.00	31.14 1.59 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.76 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.69 1.85 -2.97	33.55 2.23 -5.00	35.55 2.35 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.71 3.73 -4.47	231.27 13.42 -10.40	242.16 13.63 -3.20	75.77 4.27 -0.77	63.73 2.78 0.00	51.70 1.73 0.00	49.59 1.63 0.00	37.14 1.47 0.00
ASTORIA_GT_12 24226	36.68 1.90 0.00	31.14 1.59 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.76 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.69 1.85 -2.97	33.55 2.23 -5.00	35.55 2.35 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.71 3.73 -4.47	231.27 13.42 -10.40	242.16 13.63 -3.20	75.77 4.27 -0.77	63.73 2.78 0.00	51.70 1.73 0.00	49.59 1.63 0.00	37.14 1.47 0.00
ASTORIA_GT_13 24227	36.68 1.90 0.00	31.14 1.59 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.76 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.69 1.85 -2.97	33.55 2.23 -5.00	35.55 2.35 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.71 3.73 -4.47	231.27 13.42 -10.40	242.16 13.63 -3.20	75.77 4.27 -0.77	63.73 2.78 0.00	51.70 1.73 0.00	49.59 1.63 0.00	37.14 1.47 0.00
ASTORIA_GT_5 24106	36.82 2.03 0.00	31.22 1.66 0.00	23.24 1.18 0.00	25.40 1.21 0.00	26.92 1.28 0.00	32.54 1.59 0.00	32.46 1.89 -0.30	37.86 2.21 -0.80	32.58 2.06 0.00	31.82 1.91 -2.84	30.21 2.11 -2.61	26.76 1.92 -2.97	33.62 2.30 -5.00	35.61 2.41 -5.82	38.12 2.52 -6.33	41.47 2.59 -6.75	62.89 3.91 -4.47	231.48 13.64 -10.40	242.83 14.30 -3.20	76.04 4.55 -0.77	64.02 3.08 0.00	51.97 2.00 0.00	49.88 1.93 0.00	37.33 1.66 0.00
ASTORIA_GT_7 24107	36.82 2.03 0.00	31.22 1.66 0.00	23.24 1.18 0.00	25.40 1.21 0.00	26.92 1.28 0.00	32.54 1.59 0.00	32.46 1.89 -0.30	37.86 2.21 -0.80	32.58 2.06 0.00	31.82 1.91 -2.84	30.21 2.11 -2.61	26.76 1.92 -2.97	33.62 2.30 -5.00	35.61 2.41 -5.82	38.12 2.52 -6.33	41.47 2.59 -6.75	62.89 3.91 -4.47	231.48 13.64 -10.40	242.83 14.30 -3.20	76.04 4.55 -0.77	64.02 3.08 0.00	51.97 2.00 0.00	49.88 1.93 0.00	37.33 1.66 0.00
ASTORIA_GT_8 24108	36.82 2.03 0.00	31.22 1.66 0.00	23.24 1.18 0.00	25.40 1.21 0.00	26.92 1.28 0.00	32.54 1.59 0.00	32.46 1.89 -0.30	37.86 2.21 -0.80	32.58 2.06 0.00	31.82 1.91 -2.84	30.21 2.11 -2.61	26.76 1.92 -2.97	33.62 2.30 -5.00	35.61 2.41 -5.82	38.12 2.52 -6.33	41.47 2.59 -6.75	62.89 3.91 -4.47	231.48 13.64 -10.40	242.83 14.30 -3.20	76.04 4.55 -0.77	64.02 3.08 0.00	51.97 2.00 0.00	49.88 1.93 0.00	37.33 1.66 0.00
ASTORIA___2 24149	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.35 1.17 0.00	26.87 1.24 0.00	32.48 1.53 0.00	32.40 1.82 -0.30	37.78 2.13 -0.80	32.51 2.00 0.00	31.76 1.85 -2.84	30.15 2.04 -2.61	26.71 1.87 -2.97	33.53 2.21 -5.00	35.54 2.33 -5.82	38.05 2.46 -6.33	41.39 2.51 -6.75	62.75 3.78 -4.47	231.01 13.16 -10.40	242.33 13.80 -3.20	75.89 4.40 -0.77	63.91 2.96 0.00	51.87 1.90 0.00	49.78 1.83 0.00	37.26 1.59 0.00
ASTORIA___3 23516	36.68 1.90 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.75 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.70 1.86 -2.97	33.54 2.22 -5.00	35.55 2.34 -5.82	38.08 2.49 -6.33	41.37 2.50 -6.75	62.70 3.73 -4.47	231.27 13.43 -10.40	242.16 13.63 -3.20	75.77 4.28 -0.77	63.73 2.78 0.00	51.72 1.74 0.00	49.59 1.64 0.00	37.14 1.47 0.00
ASTORIA___4 23517	36.68 1.90 0.00	31.14 1.59 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.75 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.69 1.85 -2.97	33.55 2.23 -5.00	35.55 2.35 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.71 3.73 -4.47	231.27 13.42 -10.40	242.16 13.63 -3.20	75.77 4.27 -0.77	63.72 2.78 0.00	51.70 1.72 0.00	49.58 1.63 0.00	37.14 1.47 0.00
ASTORIA___5 23518	36.68 1.90 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.21 0.00	32.45 1.50 0.00	32.33 1.75 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.70 1.86 -2.97	33.54 2.22 -5.00	35.55 2.34 -5.82	38.08 2.49 -6.33	41.37 2.50 -6.75	62.70 3.73 -4.47	231.27 13.43 -10.40	242.16 13.63 -3.20	75.77 4.28 -0.77	63.73 2.78 0.00	51.72 1.74 0.00	49.59 1.64 0.00	37.14 1.47 0.00
AST_ENERGY_2_CC3 323677	36.38 1.60 0.00	30.86 1.30 0.00	22.98 0.93 0.00	25.10 0.92 0.00	26.61 0.97 0.00	32.16 1.20 0.00	32.09 1.51 -0.30	37.43 1.78 -0.80	32.18 1.67 0.00	31.47 1.56 -2.84	29.87 1.77 -2.61	26.49 1.65 -2.97	33.25 1.93 -5.00	35.24 2.03 -5.82	37.73 2.13 -6.33	41.05 2.17 -6.75	62.19 3.21 -4.47	228.90 11.05 -10.40	239.94 11.41 -3.20	75.16 3.67 -0.77	63.25 2.31 0.00	51.36 1.39 0.00	49.29 1.33 0.00	36.89 1.22 0.00
AST_ENERGY_2_CC4 323678	36.38 1.60 0.00	30.86 1.30 0.00	22.98 0.93 0.00	25.10 0.92 0.00	26.61 0.97 0.00	32.16 1.20 0.00	32.09 1.51 -0.30	37.43 1.78 -0.80	32.18 1.67 0.00	31.47 1.56 -2.84	29.87 1.77 -2.61	26.49 1.65 -2.97	33.25 1.93 -5.00	35.24 2.03 -5.82	37.73 2.13 -6.33	41.05 2.17 -6.75	62.19 3.21 -4.47	228.90 11.05 -10.40	239.94 11.41 -3.20	75.16 3.67 -0.77	63.25 2.31 0.00	51.36 1.39 0.00	49.29 1.33 0.00	36.89 1.22 0.00

ATHENS_STG_1 23668	35.63 0.85 0.00	30.30 0.75 0.00	22.64 0.59 0.00	24.77 0.59 0.00	26.26 0.63 0.00	31.69 0.74 0.00	31.21 0.93 0.00	35.94 1.08 0.00	31.44 0.92 0.00	28.74 0.77 -0.90	27.44 0.86 -1.09	23.93 0.82 -1.24	29.41 0.99 -2.11	30.90 1.07 -2.45	33.10 1.17 -2.67	36.22 1.25 -2.85	58.23 1.85 -1.88	218.63 6.49 -4.69	232.30 6.60 -0.37	73.23 2.16 -0.36	62.20 1.26 0.00	50.71 0.74 0.00	48.60 0.65 0.00	36.25 0.58 0.00
ATHENS_STG_2 23670	35.63 0.85 0.00	30.30 0.75 0.00	22.64 0.59 0.00	24.77 0.59 0.00	26.26 0.63 0.00	31.69 0.74 0.00	31.21 0.93 0.00	35.94 1.08 0.00	31.44 0.92 0.00	28.74 0.77 -0.90	27.44 0.86 -1.09	23.93 0.82 -1.24	29.41 0.99 -2.11	30.90 1.07 -2.45	33.10 1.17 -2.67	36.22 1.25 -2.85	58.23 1.85 -1.88	218.63 6.49 -4.69	232.30 6.60 -0.37	73.23 2.16 -0.36	62.20 1.26 0.00	50.71 0.74 0.00	48.60 0.65 0.00	36.25 0.58 0.00
ATHENS_STG_3 23677	35.63 0.85 0.00	30.30 0.75 0.00	22.64 0.59 0.00	24.77 0.59 0.00	26.26 0.63 0.00	31.69 0.74 0.00	31.21 0.93 0.00	35.94 1.08 0.00	31.44 0.92 0.00	28.74 0.77 -0.90	27.44 0.86 -1.09	23.93 0.82 -1.24	29.41 0.99 -2.11	30.90 1.07 -2.45	33.10 1.17 -2.67	36.22 1.25 -2.85	58.23 1.85 -1.88	218.63 6.49 -4.69	232.30 6.60 -0.37	73.23 2.16 -0.36	62.20 1.26 0.00	50.71 0.74 0.00	48.60 0.65 0.00	36.25 0.58 0.00
AUBURN___LFGE 323710	34.93 0.08 -0.06	29.60 0.04 0.00	21.97 -0.08 0.00	24.14 -0.04 0.00	25.68 0.04 0.00	31.12 0.16 0.00	30.53 0.25 0.00	35.16 0.31 0.00	30.80 0.29 0.00	27.23 0.16 0.00	25.69 0.20 0.00	22.05 0.19 0.00	26.55 0.23 0.00	27.71 0.31 -0.02	29.53 0.27 0.00	33.10 0.32 -0.65	59.13 0.52 -4.10	220.62 3.55 -9.62	241.56 4.09 -12.15	76.73 1.05 -4.95	65.94 0.69 -4.31	54.95 0.27 -4.71	52.50 0.21 -4.34	37.44 0.06 -1.71
BABYLON_RES_REC 323704	36.80 2.02 0.00	31.20 1.65 0.00	23.23 1.18 0.00	25.34 1.16 0.00	26.87 1.23 0.00	32.34 1.39 0.00	32.04 1.46 -0.30	36.85 1.64 -0.35	32.06 1.55 0.00	33.27 1.51 -4.69	44.22 1.99 -16.73	43.02 1.74 -19.41	45.57 1.97 -17.28	50.41 1.98 -21.04	54.65 2.13 -23.26	65.25 2.17 -30.96	86.62 3.29 -28.82	107.92 11.56 111.09	93.83 10.55 142.05	60.43 3.65 13.94	62.66 2.30 0.58	51.02 1.37 0.32	49.06 1.18 0.08	36.89 1.21 0.00
BALL_HILL_WT_PWR 323825	33.66 -1.15 -0.03	28.33 -1.22 0.00	20.94 -1.12 0.00	23.22 -0.96 0.00	24.59 -1.05 0.00	29.83 -1.12 0.00	29.33 -0.95 0.00	33.18 -1.68 0.00	29.87 -0.64 0.00	33.31 0.01 -6.23	32.73 0.29 -6.95	27.86 0.22 -5.78	25.88 0.34 0.78	26.82 0.42 0.98	28.44 0.25 1.07	31.00 -0.33 0.78	54.39 -1.56 -1.44	206.11 -5.87 -4.53	223.14 -8.65 -6.47	70.51 -2.85 -2.64	60.49 -2.75 -2.30	49.84 -2.64 -2.51	48.28 -1.99 -2.31	34.95 -1.64 -0.91
BARON_WINDS___WT_PWR 323822	33.43 -1.39 -0.04	28.11 -1.45 0.00	20.91 -1.14 0.00	23.13 -1.05 0.00	24.49 -1.14 0.00	29.61 -1.35 0.00	29.37 -0.91 0.00	33.41 -1.44 0.00	29.59 -0.92 0.00	30.03 -0.53 -3.49	29.24 -0.13 -3.88	24.84 -0.16 -3.13	25.08 -0.21 1.04	26.09 -0.04 1.24	27.73 -0.16 1.36	30.45 -0.60 1.07	54.54 -1.37 -1.40	208.04 -4.18 -4.79	227.57 -4.76 -7.00	72.01 -1.56 -2.85	61.81 -1.62 -2.48	51.15 -1.54 -2.72	49.07 -1.38 -2.50	34.98 -1.67 -0.99
BARRETT_IC_1 23704	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_10 23701	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_11 23702	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_12 23703	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_2 23705	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_3 23706	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_4 23707	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_5 23708	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00

BARRETT_IC_6 23709	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_7 23710	36.68 1.90 0.00	31.10 1.55 0.00	23.16 1.10 0.00	25.27 1.09 0.00	26.79 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.16 1.46 -0.84	31.93 1.42 0.00	33.07 1.40 -4.60	43.48 1.78 -16.21	43.23 1.57 -19.80	45.02 1.82 -16.88	66.51 1.86 -37.27	74.68 1.93 -43.50	73.05 1.92 -39.01	74.09 2.87 -16.72	51.52 10.30 166.22	62.00 9.12 172.45	57.23 3.12 16.61	62.86 1.92 0.00	51.07 1.09 0.00	48.87 0.92 0.00	36.67 1.00 0.00
BARRETT_IC_8 23711	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT_IC_9 23700	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT___1 23545	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BARRETT___2 23546	36.68 1.90 0.00	31.10 1.54 0.00	23.15 1.10 0.00	25.27 1.09 0.00	26.80 1.16 0.00	32.25 1.29 0.00	31.97 1.39 -0.30	37.17 1.47 -0.84	31.93 1.42 0.00	33.07 1.41 -4.60	43.48 1.78 -16.21	43.24 1.57 -19.80	45.00 1.80 -16.88	66.50 1.85 -37.27	74.68 1.92 -43.50	73.05 1.93 -39.01	74.09 2.87 -16.72	51.51 10.29 166.22	62.05 9.17 172.45	57.25 3.14 16.61	62.86 1.92 0.00	51.09 1.11 0.00	48.88 0.93 0.00	36.67 1.00 0.00
BATAVIA__115KV_TB1 55881	34.49 -0.32 -0.03	29.16 -0.40 0.00	21.58 -0.48 0.00	23.89 -0.29 0.00	25.30 -0.33 0.00	30.69 -0.27 0.00	30.04 -0.24 0.00	34.11 -0.74 0.00	30.63 0.12 0.00	35.19 0.46 -7.65	34.40 0.36 -8.54	29.26 0.24 -7.15	25.96 0.30 0.66	27.26 0.73 0.86	28.61 0.28 0.93	31.35 -0.13 0.64	54.79 -1.24 -1.52	209.83 -2.20 -4.59	228.86 -2.91 -6.44	72.37 -0.97 -2.63	62.07 -1.16 -2.29	51.28 -1.19 -2.50	49.58 -0.68 -2.30	36.14 -0.44 -0.91
BAYONEEC___CTG1 323682	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG10 323750	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG2 323683	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG3 323684	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG4 323685	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG5 323686	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG6 323687	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG7 323688	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00

BAYONEEC___CTG8 323689	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BAYONEEC___CTG9 323749	36.59 1.80 0.00	31.04 1.48 0.00	23.09 1.04 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.33 1.82 0.00	31.63 1.72 -2.84	30.06 1.95 -2.62	26.63 1.79 -2.97	33.45 2.13 -5.01	35.47 2.27 -5.82	38.06 2.46 -6.34	41.36 2.49 -6.76	62.70 3.72 -4.47	231.31 13.47 -10.41	242.17 13.64 -3.20	75.75 4.26 -0.77	63.67 2.73 0.00	51.68 1.70 0.00	49.55 1.60 0.00	37.06 1.39 0.00
BEACON___LESR 323632	35.22 0.43 0.00	29.97 0.41 0.00	22.42 0.36 0.00	24.51 0.32 0.00	26.00 0.36 0.00	31.47 0.52 0.00	24.76 0.77 6.29	19.03 0.89 16.71	31.09 0.58 0.00	27.99 0.36 -0.56	26.48 0.29 -0.70	22.93 0.27 -0.79	27.97 0.31 -1.34	29.26 0.32 -1.56	31.35 0.39 -1.70	34.41 0.48 -1.81	56.44 0.73 -1.20	129.59 4.01 81.86	169.45 4.67 60.55	62.84 1.43 9.31	61.71 0.76 0.00	50.39 0.41 0.00	48.15 0.19 0.00	35.86 0.19 0.00
BEAVER RIVER___HYD 24048	34.74 -0.07 -0.03	29.50 -0.06 0.00	21.94 -0.11 0.00	24.08 -0.10 0.00	25.51 -0.12 0.00	30.90 -0.06 0.00	30.57 0.29 0.00	35.37 0.52 0.00	30.94 0.42 0.00	27.19 0.12 0.00	25.55 0.05 0.00	21.84 -0.02 0.00	26.11 -0.21 0.00	27.11 -0.28 -0.01	28.97 -0.29 0.00	32.05 -0.39 -0.32	56.29 -0.21 -2.00	216.82 4.68 -4.70	241.66 10.41 -5.93	76.73 3.59 -2.42	66.04 2.99 -2.10	54.49 2.21 -2.30	51.88 1.81 -2.12	37.69 1.18 -0.83
BEEBEE_GT_13 23619	34.48 -0.33 -0.03	29.20 -0.36 0.00	21.67 -0.38 0.00	23.91 -0.27 0.00	25.33 -0.31 0.00	30.69 -0.26 0.00	30.15 -0.12 0.00	34.37 -0.48 0.00	30.62 0.11 0.00	36.60 0.42 -9.11	35.85 0.50 -9.86	30.62 0.46 -8.29	26.30 0.53 0.56	27.29 0.65 0.74	29.67 0.61 0.20	32.82 0.36 -0.34	56.71 0.05 -2.16	214.21 1.71 -5.06	231.95 0.24 -6.38	73.12 -0.20 -2.60	62.67 -0.53 -2.26	51.74 -0.71 -2.47	49.78 -0.45 -2.28	36.17 -0.40 -0.90
BENSHRST_27_KV_BENSHRST_1 355998	36.93 2.15 0.00	31.31 1.76 0.00	23.27 1.22 0.00	25.44 1.26 0.00	26.97 1.33 0.00	32.60 1.64 0.00	32.53 1.95 -0.30	37.92 2.27 -0.80	32.63 2.13 0.00	31.90 1.99 -2.84	30.33 2.23 -2.61	26.88 2.04 -2.97	33.77 2.45 -5.00	35.78 2.58 -5.82	38.33 2.74 -6.33	41.63 2.76 -6.75	63.15 4.18 -4.47	233.10 15.25 -10.40	244.23 15.69 -3.20	76.42 4.93 -0.77	64.24 3.30 0.00	52.14 2.17 0.00	50.00 2.05 0.00	37.42 1.75 0.00
BETHLEHEM___GRP 23843	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.74 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.27 0.10 -0.68	22.77 0.13 -0.78	27.74 0.10 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.46 43.29	195.90 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.75 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
BETHLEHEM___GS1 323560	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.75 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.28 0.10 -0.68	22.77 0.12 -0.78	27.73 0.09 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.47 43.29	195.91 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.76 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
BETHLEHEM___GS2 323561	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.75 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.28 0.10 -0.68	22.77 0.12 -0.78	27.73 0.09 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.47 43.29	195.91 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.76 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
BETHLEHEM___GS3 323562	34.80 0.02 0.00	29.66 0.11 0.00	22.20 0.14 0.00	24.28 0.10 0.00	25.75 0.11 0.00	31.12 0.16 0.00	27.43 0.36 3.21	26.79 0.45 8.51	30.77 0.26 0.00	27.71 0.09 -0.55	26.28 0.10 -0.68	22.77 0.12 -0.78	27.73 0.09 -1.32	29.04 0.12 -1.54	31.12 0.19 -1.68	34.15 0.24 -1.78	55.89 0.20 -1.18	165.62 1.47 43.29	195.91 1.62 31.04	66.20 0.45 4.97	60.85 -0.09 0.00	49.76 -0.22 0.00	47.58 -0.37 0.00	35.46 -0.21 0.00
BETHLEHEM___STEEL 23779	33.75 -1.06 -0.03	28.50 -1.06 0.00	21.07 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.35 -0.92 0.00	33.15 -1.70 0.00	29.89 -0.62 0.00	33.41 0.07 -6.27	32.72 0.24 -6.99	27.84 0.17 -5.81	25.73 0.19 0.77	26.75 0.35 0.97	28.33 0.12 1.06	30.93 -0.42 0.78	54.15 -1.80 -1.44	205.44 -6.54 -4.55	222.40 -9.40 -6.48	70.27 -3.09 -2.64	60.40 -2.84 -2.30	50.00 -2.49 -2.51	48.50 -1.77 -2.31	35.21 -1.38 -0.91
BETHLHEM_115KV_TB1 79974	34.88 0.10 0.00	29.72 0.17 0.00	22.24 0.19 0.00	24.33 0.15 0.00	25.80 0.16 0.00	31.17 0.21 0.00	27.65 0.41 3.04	27.29 0.51 8.06	30.82 0.31 0.00	27.77 0.15 -0.55	26.33 0.15 -0.68	22.82 0.18 -0.77	27.80 0.16 -1.31	29.10 0.20 -1.53	31.17 0.25 -1.66	34.21 0.32 -1.77	56.00 0.33 -1.17	168.42 1.90 40.91	197.94 2.03 29.42	66.62 0.60 4.70	61.00 0.06 0.00	49.86 -0.11 0.00	47.70 -0.26 0.00	35.55 -0.12 0.00
BETHPAGE_CC_5 323564	36.76 1.98 0.00	31.21 1.66 0.00	23.23 1.18 0.00	25.35 1.17 0.00	26.87 1.23 0.00	32.31 1.36 0.00	32.04 1.47 -0.30	36.89 1.64 -0.40	32.07 1.57 0.00	33.45 1.53 -4.85	45.52 1.95 -18.08	45.18 1.74 -21.58	46.79 1.98 -18.48	52.88 2.04 -23.46	57.55 2.18 -26.11	68.27 2.22 -33.93	91.43 3.31 -33.61	127.69 11.74 91.49	104.71 10.70 131.32	61.85 3.64 12.51	62.86 2.21 0.29	51.12 1.31 0.17	49.12 1.20 0.04	36.88 1.21 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	33.80 -1.02 -0.03	28.54 -1.01 0.00	21.10 -0.95 0.00	23.42 -0.76 0.00	24.78 -0.86 0.00	30.01 -0.94 0.00	29.41 -0.87 0.00	33.24 -1.61 0.00	29.96 -0.55 0.00	33.41 0.13 -6.21	32.72 0.31 -6.92	27.85 0.23 -5.75	25.81 0.27 0.78	26.83 0.43 0.98	28.41 0.22 1.07	31.01 -0.32 0.79	54.33 -1.61 -1.44	206.11 -5.88 -4.55	223.13 -8.68 -6.49	70.50 -2.87 -2.65	60.59 -2.66 -2.30	50.13 -2.36 -2.51	48.60 -1.67 -2.32	35.26 -1.32 -0.91
BINGHAMTON___COGEN 23790	34.75 -0.06 -0.04	29.41 -0.14 0.00	21.92 -0.14 0.00	24.12 -0.06 0.00	25.57 -0.07 0.00	30.90 -0.05 0.00	30.48 0.20 0.00	34.94 0.09 0.00	30.65 0.13 0.00	27.88 0.14 -0.67	26.52 0.31 -0.72	22.53 0.30 -0.37	25.17 0.35 1.49	26.07 0.45 1.76	27.85 0.51 1.92	30.81 0.37 1.67	56.04 0.53 -1.01	213.78 1.86 -4.48	233.98 1.66 -7.00	74.05 0.47 -2.86	63.52 0.09 -2.48	52.47 -0.22 -2.72	50.24 -0.21 -2.50	36.37 -0.28 -0.99

BIXINCNT_115KV_LOAD 355685	33.55 -1.27 -0.03	28.39 -1.17 0.00	20.98 -1.07 0.00	23.22 -0.97 0.00	24.58 -1.05 0.00	29.91 -1.04 0.00	29.46 -0.81 0.00	33.48 -1.37 0.00	30.21 -0.30 0.00	33.40 0.38 -5.94	32.72 0.61 -6.63	27.80 0.43 -5.50	25.94 0.43 0.81	26.97 0.60 1.02	28.61 0.46 1.11	31.20 -0.09 0.83	54.81 -1.12 -1.43	207.74 -4.27 -4.57	225.35 -6.51 -6.54	71.23 -2.16 -2.67	61.17 -2.09 -2.32	50.49 -2.02 -2.53	48.66 -1.63 -2.33	35.02 -1.57 -0.92
BLACK RIVER___HYD 24047	34.88 0.05 -0.05	29.63 0.07 0.00	22.00 -0.05 0.00	24.15 -0.03 0.00	25.59 -0.05 0.00	31.01 0.06 0.00	30.82 0.55 0.00	35.66 0.80 0.00	31.12 0.60 0.00	27.28 0.21 0.00	25.64 0.15 0.00	21.89 0.02 0.00	26.14 -0.18 0.00	27.13 -0.26 -0.02	28.98 -0.28 0.00	32.19 -0.44 -0.50	57.45 -0.22 -3.17	221.58 6.70 -7.44	249.02 14.30 -9.39	79.57 5.01 -3.83	68.35 4.07 -3.33	56.46 2.84 -3.64	53.56 2.25 -3.35	38.45 1.46 -1.32
BLACKRVR_115KV_TB2 79977	34.88 0.05 -0.05	29.63 0.07 0.00	22.00 -0.05 0.00	24.15 -0.03 0.00	25.59 -0.05 0.00	31.01 0.06 0.00	30.82 0.55 0.00	35.66 0.80 0.00	31.11 0.60 0.00	27.28 0.21 0.00	25.64 0.15 0.00	21.89 0.02 0.00	26.13 -0.19 0.00	27.13 -0.27 -0.02	28.98 -0.28 0.00	32.19 -0.44 -0.50	57.46 -0.22 -3.17	221.60 6.72 -7.44	249.02 14.30 -9.39	79.57 5.02 -3.83	68.35 4.07 -3.33	56.46 2.84 -3.64	53.57 2.26 -3.35	38.45 1.46 -1.32
BLDWN_LI_69_KV_BK4 356085	36.90 2.11 0.00	31.29 1.74 0.00	23.29 1.23 0.00	25.41 1.22 0.00	26.93 1.30 0.00	32.43 1.48 0.00	32.18 1.60 -0.30	37.22 1.79 -0.58	32.20 1.69 0.00	33.82 1.62 -5.13	47.80 2.01 -20.30	48.49 1.77 -24.86	48.84 2.07 -20.45	61.05 2.12 -31.55	67.33 2.19 -35.88	75.77 2.19 -41.46	99.22 3.19 -41.52	160.85 11.53 58.12	123.00 10.56 112.89	64.25 3.75 10.22	63.11 2.16 0.00	51.43 1.45 0.00	49.38 1.42 0.00	37.01 1.34 0.00
BLISS_WT_PWR 323608	33.42 -1.39 -0.03	28.29 -1.27 0.00	20.91 -1.14 0.00	23.12 -1.06 0.00	24.48 -1.16 0.00	29.82 -1.13 0.00	29.39 -0.89 0.00	33.42 -1.43 0.00	30.17 -0.34 0.00	33.39 0.38 -5.94	32.73 0.61 -6.63	27.79 0.43 -5.50	26.04 0.54 0.81	27.01 0.65 1.02	28.65 0.50 1.11	31.21 -0.08 0.83	54.81 -1.12 -1.43	207.65 -4.35 -4.57	225.34 -6.52 -6.54	71.22 -2.17 -2.67	61.20 -2.06 -2.32	50.46 -2.05 -2.53	48.55 -1.74 -2.33	34.88 -1.71 -0.92
BLUESTONE___WT_PWR 323821	35.10 0.28 -0.03	29.70 0.14 0.00	22.06 0.01 0.00	24.73 0.55 0.00	26.28 0.64 0.00	31.91 0.96 0.00	31.62 1.34 0.00	36.22 1.37 0.00	32.43 1.92 0.00	28.09 1.18 0.16	26.47 1.19 0.22	22.47 1.05 0.44	25.93 1.36 1.75	26.68 1.20 1.91	28.42 1.25 2.09	31.46 1.23 1.90	57.24 2.17 -0.57	220.31 9.23 -3.63	243.50 12.12 -6.05	77.05 3.86 -2.47	64.80 1.71 -2.15	52.55 0.23 -2.34	49.19 -0.92 -2.16	35.92 -0.60 -0.85
BLUE_CIRC_CHEM_DRP 24182	34.51 -0.28 0.00	29.40 -0.16 0.00	21.99 -0.07 0.00	24.08 -0.11 0.00	25.52 -0.11 0.00	30.85 -0.10 0.00	27.17 0.05 3.16	26.52 0.05 8.38	30.33 -0.19 0.00	27.14 -0.38 -0.45	25.84 -0.36 -0.71	22.40 -0.28 -0.81	27.33 -0.36 -1.37	28.62 -0.37 -1.60	30.65 -0.35 -1.74	33.65 -0.33 -1.86	55.10 -0.63 -1.22	165.23 -1.26 40.96	193.89 -1.05 30.39	65.70 -0.31 4.71	60.33 -0.62 0.00	49.35 -0.62 0.00	47.23 -0.73 0.00	35.19 -0.48 0.00
BOC_GAS_DRP 24189	35.08 0.30 0.00	29.86 0.31 0.00	22.33 0.27 0.00	24.44 0.26 0.00	25.91 0.27 0.00	31.30 0.35 0.00	28.66 0.50 2.11	29.83 0.58 5.60	30.93 0.42 0.00	27.87 0.28 -0.52	26.46 0.32 -0.65	22.91 0.31 -0.74	27.92 0.35 -1.25	29.23 0.39 -1.45	31.28 0.44 -1.58	34.31 0.50 -1.69	56.26 0.63 -1.12	182.35 2.63 27.73	207.69 2.73 20.37	68.37 0.88 3.22	61.30 0.36 0.00	50.11 0.13 0.00	47.99 0.03 0.00	35.76 0.09 0.00
BOONVILLE_115KV_TB1 79983	35.10 0.29 -0.02	29.79 0.23 0.00	22.21 0.15 0.00	24.36 0.18 0.00	25.82 0.19 0.00	31.28 0.33 0.00	30.85 0.57 0.00	35.60 0.75 0.00	31.11 0.60 0.00	27.41 0.34 0.00	25.83 0.34 0.00	22.13 0.27 0.00	26.55 0.23 0.00	27.63 0.25 -0.01	29.57 0.31 0.00	32.68 0.37 -0.18	56.57 0.90 -1.16	216.93 6.75 -2.73	238.43 9.66 -3.45	75.26 3.14 -1.41	64.64 2.47 -1.22	53.04 1.73 -1.34	50.58 1.39 -1.23	37.07 0.92 -0.49
BORALEX_4TH_BRANCH 23824	36.05 1.27 0.00	30.61 1.06 0.00	22.90 0.85 0.00	25.06 0.88 0.00	26.57 0.93 0.00	32.23 1.28 0.00	34.86 1.57 -3.01	44.82 1.98 -7.99	31.97 1.46 0.00	28.75 1.00 -0.68	27.11 0.83 -0.79	23.46 0.69 -0.90	28.66 0.82 -1.52	30.04 0.88 -1.77	32.10 0.91 -1.93	35.44 1.26 -2.06	58.12 2.26 -1.36	249.94 10.24 -32.27	264.34 10.97 -28.05	77.67 3.45 -3.51	63.30 2.36 0.00	51.56 1.58 0.00	49.18 1.23 0.00	36.60 0.93 0.00
BOWLINE___1 23526	36.19 1.41 0.00	30.68 1.12 0.00	22.83 0.77 0.00	24.96 0.77 0.00	26.47 0.84 0.00	31.99 1.04 0.00	31.87 1.31 -0.28	37.16 1.56 -0.75	31.89 1.38 0.00	20.98 1.26 7.35	30.26 1.52 -3.24	26.97 1.41 -3.69	34.22 1.68 -6.21	36.43 1.81 -7.23	39.16 2.02 -7.87	42.56 2.04 -8.39	63.13 3.07 -5.56	229.69 11.52 -10.72	240.19 11.95 -2.92	75.10 3.66 -0.71	63.19 2.25 0.00	51.28 1.31 0.00	49.17 1.21 0.00	36.68 1.02 0.00
BOWLINE___2 23595	36.18 1.40 0.00	30.67 1.12 0.00	22.83 0.77 0.00	24.95 0.77 0.00	26.47 0.83 0.00	31.98 1.03 0.00	31.86 1.30 -0.28	37.15 1.55 -0.75	31.88 1.37 0.00	20.96 1.24 7.35	30.24 1.51 -3.23	26.95 1.40 -3.68	34.20 1.67 -6.20	36.40 1.80 -7.22	39.12 2.00 -7.86	42.53 2.04 -8.37	63.08 3.03 -5.54	229.59 11.44 -10.71	240.05 11.81 -2.92	75.06 3.63 -0.71	63.17 2.23 0.00	51.26 1.28 0.00	49.14 1.19 0.00	36.67 1.00 0.00
BRADY___115KV_TB2 356060	35.74 0.96 0.00	30.36 0.80 0.00	22.61 0.56 0.00	24.80 0.61 0.00	26.30 0.66 0.00	31.75 0.79 0.00	30.91 0.63 0.00	35.58 0.73 0.00	31.09 0.58 0.00	27.45 0.38 0.00	25.57 0.08 0.00	21.86 0.00 0.00	26.35 0.03 0.00	27.33 -0.05 0.00	29.07 -0.19 0.00	31.92 -0.20 0.00	54.45 -0.06 0.00	207.54 0.09 0.00	228.25 2.93 0.00	71.80 1.08 0.00	62.57 1.63 0.00	51.69 1.71 0.00	49.78 1.82 0.00	36.97 1.30 0.00
BRANSCOMB___SOLAR 323811	36.06 1.27 0.00	30.68 1.12 0.00	22.92 0.87 0.00	25.10 0.92 0.00	26.62 0.98 0.00	32.24 1.28 0.00	34.20 1.55 -2.38	43.03 1.86 -6.31	31.83 1.32 0.00	28.38 0.78 -0.53	26.73 0.61 -0.63	23.13 0.54 -0.72	28.18 0.65 -1.21	29.51 0.72 -1.41	31.62 0.83 -1.53	34.92 1.17 -1.63	57.94 2.35 -1.08	244.65 10.98 -26.22	259.59 12.02 -22.24	77.38 3.81 -2.85	63.70 2.75 0.00	51.83 1.86 0.00	49.48 1.52 0.00	36.79 1.12 0.00
BRDGHMPT_69_KV_BK1 55812	36.40 1.61 0.00	31.02 1.47 0.00	23.12 1.07 0.00	25.18 1.00 0.00	26.77 1.13 0.00	32.25 1.29 0.00	31.88 1.31 -0.30	36.60 1.47 -0.27	31.88 1.37 0.00	31.02 1.32 -2.63	23.81 1.91 3.60	-3.75 1.69 27.30	26.66 1.84 1.50	43.47 1.76 -14.33	47.14 1.83 -16.04	47.97 1.81 -14.04	63.13 2.83 -5.80	62.02 10.25 155.67	71.14 8.88 163.06	45.42 2.61 27.91	49.44 1.18 12.69	43.24 0.29 7.03	46.38 0.11 1.69	36.20 0.53 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	36.90 2.12 0.00	31.28 1.72 0.00	23.29 1.24 0.00	25.40 1.22 0.00	26.93 1.29 0.00	32.41 1.46 0.00	32.08 1.50 -0.30	36.76 1.62 -0.29	32.05 1.54 0.00	33.06 1.59 -4.41	41.98 2.17 -14.32	38.97 1.91 -15.20	43.60 2.16 -15.12	46.85 2.07 -17.40	50.43 2.19 -18.98	60.61 2.13 -26.36	79.54 3.03 -22.01	80.13 9.30 136.62	77.37 7.80 155.76	57.95 3.34 16.11	62.02 2.35 1.28	50.81 1.54 0.71	49.06 1.28 0.17	36.96 1.29 0.00
BRISTLHL_115KV_TB1 79998	34.23 -0.66 -0.11	28.96 -0.59 0.00	21.60 -0.45 0.00	23.71 -0.47 0.00	25.13 -0.51 0.00	30.41 -0.55 0.00	29.89 -0.39 0.00	34.42 -0.43 0.00	30.13 -0.38 0.00	26.65 -0.42 0.00	25.15 -0.35 0.00	21.57 -0.29 0.00	25.96 -0.36 0.00	27.08 -0.34 -0.04	28.93 -0.33 0.00	32.78 -0.39 -1.05	60.43 -0.64 -6.56	221.45 -1.39 -15.41	243.45 -1.33 -19.45	78.25 -0.40 -7.93	67.19 -0.66 -6.90	56.77 -0.74 -7.54	54.08 -0.81 -6.94	37.74 -0.66 -2.74
BROOKHAVEN___DRP 24191	36.25 1.47 0.00	30.78 1.23 0.00	22.96 0.91 0.00	25.00 0.82 0.00	26.52 0.89 0.00	31.92 0.96 0.00	31.57 0.99 -0.30	36.21 1.09 -0.27	31.55 1.04 0.00	30.68 0.99 -2.63	23.40 1.54 3.63	-4.13 1.37 27.37	26.26 1.48 1.54	43.12 1.44 -14.30	46.77 1.50 -16.01	47.59 1.48 -13.99	62.40 2.17 -5.73	59.07 7.57 155.94	68.61 6.49 163.21	44.97 2.18 27.94	49.18 0.94 12.71	43.16 0.22 7.03	46.36 0.09 1.69	36.21 0.54 0.00
BROOKLYN_NAVY_YARD 23515	36.52 1.73 0.00	30.97 1.41 0.00	23.03 0.98 0.00	25.18 1.00 0.00	26.69 1.06 0.00	32.27 1.32 0.00	32.17 1.59 -0.30	37.53 1.88 -0.80	32.28 1.77 0.00	31.57 1.66 -2.84	29.98 1.87 -2.61	26.57 1.73 -2.97	33.38 2.06 -5.01	35.40 2.19 -5.82	37.97 2.37 -6.34	41.29 2.41 -6.76	62.60 3.62 -4.47	230.80 12.95 -10.41	241.56 13.04 -3.20	75.56 4.06 -0.77	63.54 2.60 0.00	51.58 1.61 0.00	49.48 1.52 0.00	37.01 1.34 0.00
BROOKLYN___ARMY_DRP 323595	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
BROOME_2_LFGE 323671	34.76 -0.06 -0.04	29.41 -0.15 0.00	21.92 -0.14 0.00	24.12 -0.06 0.00	25.57 -0.07 0.00	30.90 -0.05 0.00	30.48 0.20 0.00	34.94 0.09 0.00	30.65 0.14 0.00	27.88 0.14 -0.67	26.53 0.32 -0.72	22.54 0.30 -0.37	25.19 0.37 1.49	26.07 0.45 1.76	27.84 0.51 1.92	30.81 0.36 1.67	56.04 0.53 -1.01	213.78 1.86 -4.48	233.96 1.64 -7.00	74.05 0.47 -2.86	63.52 0.09 -2.48	52.47 -0.22 -2.72	50.24 -0.21 -2.50	36.37 -0.29 -0.99
BROOME___LFGE 323600	34.76 -0.06 -0.04	29.41 -0.15 0.00	21.92 -0.14 0.00	24.12 -0.06 0.00	25.57 -0.07 0.00	30.90 -0.05 0.00	30.48 0.20 0.00	34.94 0.09 0.00	30.65 0.14 0.00	27.88 0.14 -0.67	26.53 0.32 -0.72	22.54 0.30 -0.37	25.19 0.37 1.49	26.07 0.45 1.76	27.84 0.51 1.92	30.81 0.36 1.67	56.04 0.53 -1.01	213.78 1.86 -4.48	233.96 1.64 -7.00	74.05 0.47 -2.86	63.52 0.09 -2.48	52.47 -0.22 -2.72	50.24 -0.21 -2.50	36.37 -0.29 -0.99
BROWNFLS_115KV_TB 3_5 80003	35.06 0.26 -0.02	29.76 0.21 0.00	22.15 0.10 0.00	24.30 0.11 0.00	25.75 0.12 0.00	31.15 0.19 0.00	30.64 0.36 0.00	35.43 0.57 0.00	30.97 0.46 0.00	27.27 0.20 0.00	25.53 0.04 0.00	21.83 -0.04 0.00	26.16 -0.16 0.00	27.14 -0.25 -0.01	28.94 -0.32 0.00	31.92 -0.43 -0.23	55.56 -0.38 -1.44	212.74 1.93 -3.37	235.79 6.20 -4.25	74.63 2.18 -1.74	64.56 2.10 -1.51	53.49 1.87 -1.65	51.21 1.74 -1.52	37.45 1.18 -0.60
BROWNSV1_27_KV_LOAD 356125	36.94 2.16 0.00	31.33 1.77 0.00	23.29 1.24 0.00	25.46 1.28 0.00	26.99 1.35 0.00	32.64 1.68 0.00	32.55 1.97 -0.30	37.96 2.31 -0.80	32.67 2.16 0.00	31.93 2.02 -2.84	30.36 2.25 -2.62	26.89 2.04 -2.97	33.79 2.46 -5.01	35.82 2.61 -5.82	38.43 2.82 -6.34	41.77 2.89 -6.76	63.41 4.43 -4.47	234.01 16.16 -10.41	244.90 16.37 -3.20	76.60 5.11 -0.77	64.44 3.49 0.00	52.27 2.30 0.00	50.11 2.15 0.00	37.44 1.77 0.00
BURROWS___LYONSDAL 23803	34.92 0.11 -0.02	29.65 0.09 0.00	22.09 0.04 0.00	24.24 0.05 0.00	25.69 0.05 0.00	31.11 0.15 0.00	30.71 0.43 0.00	35.47 0.62 0.00	31.02 0.51 0.00	27.34 0.27 0.00	25.75 0.26 0.00	22.06 0.20 0.00	26.43 0.11 0.00	27.49 0.10 -0.01	29.41 0.15 0.00	32.51 0.18 -0.21	56.45 0.62 -1.33	216.81 6.25 -3.12	239.17 9.91 -3.94	75.60 3.27 -1.61	64.93 2.59 -1.40	53.33 1.83 -1.52	50.81 1.45 -1.41	37.18 0.96 -0.55
CAITHNESS_CC_1 323624	36.26 1.48 0.00	30.78 1.23 0.00	22.96 0.91 0.00	25.00 0.82 0.00	26.53 0.89 0.00	31.91 0.96 0.00	31.56 0.99 -0.30	36.21 1.08 -0.27	31.55 1.04 0.00	30.69 0.99 -2.62	23.38 1.55 3.66	-4.19 1.38 27.43	26.23 1.48 1.57	43.10 1.45 -14.27	46.75 1.51 -15.98	47.55 1.48 -13.95	62.31 2.15 -5.65	58.60 7.37 156.21	68.31 6.33 163.35	44.90 2.15 27.96	49.13 0.91 12.72	43.15 0.22 7.04	46.38 0.11 1.69	36.22 0.55 0.00
CALPINE BETH_PAGE_GT4 24209	36.65 1.87 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.31 1.13 0.00	26.82 1.19 0.00	32.21 1.26 0.00	31.95 1.37 -0.30	36.83 1.54 -0.44	31.99 1.48 0.00	33.54 1.45 -5.03	46.90 1.86 -19.55	47.44 1.65 -23.92	48.02 1.91 -19.79	55.43 1.95 -26.10	60.56 2.07 -29.22	71.41 2.11 -37.18	96.54 3.15 -38.89	148.73 11.12 69.83	115.85 9.99 119.47	63.20 3.43 10.94	62.95 2.00 0.00	51.13 1.17 0.00	49.01 1.05 0.00	36.77 1.10 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.65 1.87 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.31 1.13 0.00	26.83 1.19 0.00	32.21 1.26 0.00	31.95 1.37 -0.30	36.83 1.54 -0.44	31.99 1.48 0.00	33.55 1.45 -5.03	46.90 1.86 -19.55	47.45 1.65 -23.92	48.01 1.90 -19.79	55.43 1.95 -26.10	60.57 2.09 -29.22	71.42 2.12 -37.18	96.54 3.13 -38.89	148.76 11.14 69.83	115.89 10.03 119.47	63.21 3.43 10.94	62.95 2.00 0.00	51.14 1.17 0.00	49.01 1.06 0.00	36.77 1.10 0.00
CALPINE_BP_GT1 23823	36.65 1.87 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.31 1.13 0.00	26.83 1.19 0.00	32.21 1.26 0.00	31.95 1.37 -0.30	36.83 1.54 -0.44	31.99 1.48 0.00	33.55 1.45 -5.03	46.90 1.86 -19.55	47.45 1.65 -23.92	48.01 1.90 -19.79	55.43 1.95 -26.10	60.57 2.09 -29.22	71.42 2.12 -37.18	96.54 3.13 -38.89	148.76 11.14 69.83	115.89 10.03 119.47	63.21 3.43 10.94	62.95 2.00 0.00	51.14 1.17 0.00	49.01 1.06 0.00	36.77 1.10 0.00
CALSPAN___DRP 24200	33.75 -1.06 -0.03	28.50 -1.06 0.00	21.07 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.35 -0.92 0.00	33.15 -1.70 0.00	29.89 -0.62 0.00	33.41 0.07 -6.27	32.72 0.24 -6.99	27.84 0.17 -5.81	25.73 0.19 0.77	26.75 0.35 0.97	28.33 0.12 1.06	30.93 -0.42 0.78	54.15 -1.80 -1.44	205.44 -6.54 -4.55	222.40 -9.40 -6.48	70.27 -3.09 -2.64	60.40 -2.84 -2.30	50.00 -2.49 -2.51	48.50 -1.77 -2.31	35.21 -1.38 -0.91

CALVERTON___SOLAR 323806	36.26 1.48 0.00	30.80 1.24 0.00	22.98 0.92 0.00	25.01 0.83 0.00	26.55 0.92 0.00	31.95 0.99 0.00	31.59 1.02 -0.30	36.25 1.13 -0.27	31.57 1.06 0.00	30.70 1.01 -2.63	23.42 1.56 3.63	-4.11 1.39 27.37	26.26 1.48 1.53	43.14 1.45 -14.31	46.81 1.52 -16.02	47.63 1.51 -14.00	62.48 2.23 -5.75	59.48 7.89 155.85	69.15 6.98 163.15	45.06 2.28 27.93	49.23 1.00 12.71	43.19 0.25 7.03	46.39 0.12 1.69	36.21 0.54 0.00
CANDIGU_WT_PWR 323617	33.43 -1.39 -0.04	28.11 -1.45 0.00	20.91 -1.14 0.00	23.13 -1.05 0.00	24.49 -1.14 0.00	29.61 -1.35 0.00	29.37 -0.91 0.00	33.41 -1.44 0.00	29.59 -0.92 0.00	30.03 -0.53 -3.49	29.24 -0.13 -3.88	24.84 -0.16 -3.13	25.08 -0.21 1.04	26.09 -0.04 1.24	27.73 -0.16 1.36	30.45 -0.60 1.07	54.54 -1.37 -1.40	208.04 -4.18 -4.79	227.57 -4.76 -7.00	72.01 -1.56 -2.85	61.81 -1.62 -2.48	51.15 -1.54 -2.72	49.07 -1.38 -2.50	34.98 -1.67 -0.99
CARR STREET_E_SYR 24060	34.50 -0.34 -0.05	29.23 -0.32 0.00	21.79 -0.26 0.00	23.93 -0.25 0.00	25.37 -0.27 0.00	30.70 -0.26 0.00	30.18 -0.10 0.00	34.67 -0.18 0.00	30.33 -0.18 0.00	26.86 -0.21 0.00	25.37 -0.12 0.00	21.78 -0.08 0.00	26.22 -0.10 0.00	27.36 -0.04 -0.02	29.25 -0.01 0.00	32.60 -0.04 -0.51	57.65 -0.09 -3.23	215.63 0.60 -7.59	235.50 0.59 -9.58	74.76 0.13 -3.91	64.16 -0.18 -3.40	53.26 -0.43 -3.71	50.86 -0.51 -3.42	36.66 -0.36 -1.35
CARTHAGE___PAPER 23857	34.99 0.17 -0.04	29.71 0.16 0.00	22.08 0.03 0.00	24.24 0.06 0.00	25.67 0.04 0.00	31.11 0.15 0.00	30.85 0.57 0.00	35.70 0.85 0.00	31.16 0.65 0.00	27.31 0.24 0.00	25.63 0.14 0.00	21.89 0.02 0.00	26.14 -0.18 0.00	27.14 -0.26 -0.01	28.99 -0.27 0.00	32.18 -0.37 -0.43	57.13 -0.09 -2.72	220.18 6.36 -6.38	246.62 13.24 -8.05	78.62 4.62 -3.29	67.63 3.83 -2.86	55.89 2.80 -3.12	53.12 2.29 -2.88	38.31 1.50 -1.13
CASSADAGA_WT_PWR 323784	33.58 -1.24 -0.03	28.06 -1.50 0.00	20.73 -1.33 0.00	22.91 -1.28 0.00	24.30 -1.33 0.00	29.74 -1.21 0.00	29.46 -0.82 0.00	33.45 -1.40 0.00	30.22 -0.29 0.00	33.51 0.40 -6.04	33.05 0.82 -6.73	28.15 0.69 -5.59	26.32 0.80 0.80	27.26 0.89 1.01	28.97 0.81 1.10	31.60 0.30 0.81	55.59 -0.34 -1.43	211.27 -0.73 -4.56	228.66 -3.18 -6.52	72.18 -1.20 -2.66	61.32 -1.94 -2.31	50.00 -2.50 -2.53	48.17 -2.11 -2.33	34.58 -2.01 -0.92
CE_DUNWOOD___DRP 24194	36.39 1.60 0.00	30.87 1.31 0.00	22.98 0.93 0.00	25.13 0.94 0.00	26.64 1.01 0.00	32.19 1.23 0.00	32.08 1.50 -0.30	37.41 1.76 -0.80	32.12 1.61 0.00	31.49 1.48 -2.94	29.88 1.71 -2.67	26.47 1.56 -3.04	33.31 1.88 -5.11	35.32 1.99 -5.95	37.91 2.17 -6.48	41.26 2.23 -6.91	62.45 3.37 -4.57	230.25 12.36 -10.45	241.09 12.58 -3.19	75.43 3.94 -0.77	63.47 2.53 0.00	51.52 1.55 0.00	49.38 1.42 0.00	36.88 1.21 0.00
CE_MILLWOOD___DRP 24193	36.32 1.53 0.00	30.80 1.25 0.00	22.94 0.88 0.00	25.08 0.89 0.00	26.59 0.96 0.00	32.13 1.17 0.00	32.02 1.44 -0.30	37.35 1.70 -0.79	32.05 1.54 0.00	31.47 1.41 -2.99	29.89 1.64 -2.76	26.51 1.50 -3.14	33.41 1.80 -5.29	35.44 1.90 -6.16	38.05 2.09 -6.70	41.41 2.14 -7.14	62.47 3.24 -4.73	229.88 11.94 -10.51	240.67 12.20 -3.15	75.30 3.82 -0.76	63.37 2.42 0.00	51.43 1.46 0.00	49.30 1.34 0.00	36.81 1.14 0.00
CE_NYC2_DRP 24202	36.69 1.90 0.00	31.14 1.59 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.46 1.51 0.00	32.34 1.77 -0.30	37.69 2.04 -0.80	32.43 1.92 0.00	31.73 1.82 -2.84	30.16 2.06 -2.61	26.71 1.87 -2.97	33.57 2.25 -5.00	35.57 2.36 -5.82	38.11 2.51 -6.33	41.40 2.53 -6.75	62.76 3.78 -4.47	231.48 13.63 -10.40	242.36 13.83 -3.20	75.83 4.34 -0.77	63.76 2.81 0.00	51.73 1.75 0.00	49.61 1.65 0.00	37.15 1.48 0.00
CE_NYC_DRP 24195	36.66 1.87 0.00	31.10 1.54 0.00	23.13 1.08 0.00	25.29 1.11 0.00	26.81 1.18 0.00	32.40 1.45 0.00	32.29 1.72 -0.30	37.66 2.00 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.12 2.01 -2.62	26.68 1.84 -2.97	33.54 2.22 -5.01	35.55 2.34 -5.82	38.14 2.54 -6.34	41.46 2.58 -6.76	62.86 3.88 -4.47	231.89 14.04 -10.40	242.65 14.12 -3.20	75.93 4.44 -0.77	63.85 2.90 0.00	51.81 1.84 0.00	49.67 1.72 0.00	37.13 1.46 0.00
CHAFFEE___LFGE 323603	33.83 -0.98 -0.03	28.57 -0.99 0.00	21.11 -0.94 0.00	23.44 -0.74 0.00	24.80 -0.83 0.00	30.04 -0.92 0.00	29.44 -0.84 0.00	33.31 -1.54 0.00	30.00 -0.51 0.00	33.30 0.13 -6.11	32.61 0.31 -6.81	27.73 0.21 -5.65	25.88 0.36 0.79	26.84 0.45 1.00	28.40 0.22 1.09	30.99 -0.33 0.80	54.32 -1.62 -1.43	206.09 -5.91 -4.56	223.17 -8.66 -6.51	70.52 -2.86 -2.65	60.64 -2.62 -2.31	50.17 -2.32 -2.52	48.65 -1.63 -2.32	35.32 -1.27 -0.92
CHATEAUG_35_KV_LOAD 355732	35.15 0.37 0.00	29.65 0.10 0.00	22.02 -0.04 0.00	24.07 -0.11 0.00	25.53 -0.11 0.00	30.95 0.00 0.00	30.15 -0.13 0.00	34.84 -0.01 0.00	30.63 0.12 0.00	27.44 0.37 0.00	25.67 0.18 0.00	21.80 -0.06 0.00	25.97 -0.35 0.00	26.73 -0.65 0.00	28.41 -0.85 0.00	30.98 -1.14 0.00	52.89 -1.61 0.00	201.50 -5.95 0.00	220.88 -4.45 0.00	70.34 -2.03 -1.65	61.82 -1.38 -2.26	51.22 -0.57 -1.81	47.97 0.02 0.00	35.92 0.25 0.00
CHATEAUG_WT_PWR 323614	35.13 0.35 0.00	29.61 0.06 0.00	21.99 -0.06 0.00	24.04 -0.14 0.00	25.49 -0.15 0.00	30.93 -0.03 0.00	30.15 -0.13 0.00	34.80 -0.05 0.00	30.62 0.11 0.00	27.47 0.40 0.00	25.72 0.22 0.00	21.83 -0.03 0.00	25.97 -0.35 0.00	26.70 -0.68 0.00	28.37 -0.89 0.00	30.92 -1.20 0.00	52.77 -1.74 0.00	201.06 -6.38 0.00	220.07 -5.26 0.00	48.57 -2.32 19.84	32.12 -1.64 27.19	27.37 -0.76 21.84	47.85 -0.10 0.00	35.85 0.18 0.00
CHAT_HIGH_FALL_HYD 323578	35.15 0.37 0.00	29.65 0.10 0.00	22.02 -0.04 0.00	24.07 -0.11 0.00	25.53 -0.11 0.00	30.95 0.00 0.00	30.15 -0.13 0.00	34.84 -0.01 0.00	30.63 0.12 0.00	27.44 0.37 0.00	25.67 0.18 0.00	21.80 -0.06 0.00	25.97 -0.35 0.00	26.73 -0.65 0.00	28.41 -0.85 0.00	30.98 -1.14 0.00	52.89 -1.61 0.00	201.50 -5.95 0.00	220.88 -4.45 0.00	70.34 -2.03 -1.65	61.82 -1.38 -2.26	51.22 -0.57 -1.81	47.97 0.02 0.00	35.92 0.25 0.00
CHAUTAUQUA___LFGE 323629	33.68 -1.13 -0.03	28.24 -1.31 0.00	20.86 -1.19 0.00	23.12 -1.06 0.00	24.49 -1.14 0.00	29.80 -1.16 0.00	29.40 -0.88 0.00	33.31 -1.55 0.00	30.02 -0.49 0.00	33.36 0.14 -6.14	32.82 0.48 -6.84	27.95 0.39 -5.69	26.06 0.53 0.79	27.01 0.62 0.99	28.69 0.51 1.08	31.26 -0.06 0.80	54.96 -0.98 -1.43	208.46 -3.53 -4.55	225.67 -6.15 -6.49	71.31 -2.06 -2.65	61.04 -2.21 -2.30	50.05 -2.45 -2.52	48.40 -1.87 -2.32	34.89 -1.69 -0.91
CHERRYST_13_KV_LD 356241	36.76 1.97 0.00	31.18 1.62 0.00	23.19 1.13 0.00	25.36 1.18 0.00	26.88 1.25 0.00	32.49 1.54 0.00	32.39 1.81 -0.30	37.79 2.14 -0.80	32.52 2.01 0.00	31.80 1.89 -2.84	30.23 2.13 -2.62	26.78 1.94 -2.97	33.67 2.34 -5.01	35.68 2.48 -5.82	38.28 2.68 -6.34	41.61 2.73 -6.76	63.12 4.14 -4.47	232.76 14.92 -10.40	243.52 14.98 -3.20	76.18 4.69 -0.77	64.04 3.10 0.00	51.97 2.00 0.00	49.82 1.87 0.00	37.24 1.57 0.00

CHESTROR_138KV_BK263 355645	36.02 1.24 0.00	30.55 1.00 0.00	22.76 0.71 0.00	24.89 0.71 0.00	26.39 0.76 0.00	31.88 0.93 0.00	31.74 1.20 -0.25	36.95 1.41 -0.68	31.71 1.20 0.00	21.98 1.06 6.16	36.11 1.31 -9.31	33.71 1.22 -10.61	45.73 1.49 -17.91	49.84 1.61 -20.86	53.78 1.82 -22.70	58.15 1.83 -24.20	73.26 2.73 -16.02	236.23 10.49 -18.31	238.92 11.03 -2.57	74.74 3.38 -0.64	63.00 2.06 0.00	51.14 1.16 0.00	49.01 1.05 0.00	36.53 0.87 0.00
CH_MIDHUDSON___DRP 24192	36.26 1.48 0.00	30.77 1.21 0.00	22.95 0.90 0.00	25.10 0.92 0.00	26.61 0.97 0.00	32.15 1.20 0.00	32.01 1.47 -0.26	37.28 1.75 -0.68	32.07 1.56 0.00	28.44 1.37 0.00	29.10 1.50 -2.10	25.62 1.36 -2.40	31.98 1.62 -4.04	33.81 1.73 -4.70	36.27 1.89 -5.12	39.61 2.04 -5.45	61.26 3.14 -3.61	227.90 11.63 -8.83	239.92 12.00 -2.58	75.19 3.79 -0.67	63.42 2.48 0.00	51.54 1.57 0.00	49.34 1.38 0.00	36.80 1.13 0.00
CH_MISC_IPPS 23765	36.46 1.68 0.00	30.93 1.38 0.00	23.05 1.00 0.00	25.21 1.03 0.00	26.73 1.10 0.00	32.31 1.36 0.00	32.16 1.65 -0.24	37.42 1.94 -0.63	32.22 1.71 0.00	27.99 1.52 0.60	29.68 1.71 -2.48	26.23 1.55 -2.82	32.92 1.85 -4.75	34.91 2.00 -5.53	37.49 2.21 -6.02	40.91 2.37 -6.42	62.48 3.72 -4.25	230.53 14.06 -9.02	242.39 14.65 -2.42	75.92 4.57 -0.64	64.02 3.08 0.00	51.99 2.02 0.00	49.76 1.80 0.00	37.07 1.40 0.00
CH_RES_BVR_FALLS 23983	34.08 -0.70 0.00	28.93 -0.63 0.00	21.59 -0.46 0.00	23.68 -0.50 0.00	25.13 -0.50 0.00	30.37 -0.58 0.00	29.70 -0.59 0.00	34.26 -0.59 0.00	30.13 -0.38 0.00	26.94 -0.13 0.00	25.38 -0.11 0.00	21.75 -0.11 0.00	26.11 -0.21 0.00	27.13 -0.25 0.00	28.99 -0.26 0.00	31.83 -0.29 0.00	54.19 -0.32 0.00	206.44 -1.00 0.00	224.49 -0.84 0.00	70.38 -0.34 0.00	60.66 -0.28 0.00	49.86 -0.11 0.00	47.94 -0.02 0.00	35.71 0.03 0.00
CH_RES_NIAGARA 23895	33.25 -1.56 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.19 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.27 -7.47	27.84 -0.26 -6.23	25.28 -0.31 0.73	26.28 -0.18 0.92	27.73 -0.53 1.00	30.21 -1.19 0.72	52.17 -3.79 -1.45	197.14 -14.81 -4.50	212.93 -18.78 -6.39	67.39 -5.93 -2.60	58.01 -5.20 -2.27	48.22 -4.23 -2.48	47.04 -3.20 -2.28	34.51 -2.06 -0.90
CH_RES_SYRACUSE 23985	34.70 -0.16 -0.07	29.38 -0.17 0.00	21.90 -0.16 0.00	24.05 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.53 0.03 0.00	21.91 0.04 0.00	26.38 0.06 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.12 2.12 -10.55	240.98 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.37 -0.17 -1.88
CLINTON_WT_PWR 323605	35.13 0.35 0.00	29.61 0.06 0.00	21.99 -0.06 0.00	24.04 -0.14 0.00	25.49 -0.15 0.00	30.93 -0.03 0.00	30.15 -0.13 0.00	34.80 -0.05 0.00	30.62 0.11 0.00	27.47 0.40 0.00	25.72 0.22 0.00	21.83 -0.03 0.00	25.97 -0.35 0.00	26.70 -0.68 0.00	28.37 -0.89 0.00	30.92 -1.20 0.00	52.77 -1.74 0.00	201.06 -6.38 0.00	220.07 -5.26 0.00	48.57 -2.32 19.84	32.12 -1.64 27.19	27.37 -0.76 21.84	47.85 -0.10 0.00	35.85 0.18 0.00
CLINTON___LFGE 323618	35.64 0.86 0.00	30.01 0.45 0.00	22.26 0.20 0.00	24.28 0.10 0.00	25.74 0.10 0.00	31.27 0.32 0.00	30.56 0.28 0.00	35.29 0.44 0.00	30.98 0.47 0.00	27.79 0.72 0.00	25.99 0.50 0.00	22.00 0.13 0.00	26.02 -0.30 0.00	26.63 -0.75 0.00	28.23 -1.03 0.00	30.67 -1.46 0.00	52.37 -2.13 0.00	200.17 -7.27 0.00	220.29 -5.04 0.00	80.60 -2.36 -12.24	76.00 -1.72 -16.78	62.76 -0.70 -13.48	48.25 0.30 0.00	36.34 0.67 0.00
COBBLENY_34_KV_TB1 80064	33.83 -0.99 -0.03	28.57 -0.98 0.00	21.11 -0.94 0.00	23.44 -0.74 0.00	24.80 -0.83 0.00	30.04 -0.92 0.00	29.44 -0.84 0.00	33.31 -1.54 0.00	30.00 -0.51 0.00	33.31 0.13 -6.11	32.59 0.29 -6.81	27.73 0.21 -5.65	25.77 0.24 0.79	26.81 0.42 1.00	28.38 0.21 1.09	30.98 -0.34 0.80	54.34 -1.60 -1.43	206.19 -5.81 -4.56	223.22 -8.61 -6.51	70.57 -2.81 -2.65	60.65 -2.60 -2.31	50.20 -2.29 -2.52	48.68 -1.60 -2.32	35.32 -1.26 -0.92
COFFEEN___115KV_TB3 355620	35.12 0.29 -0.05	29.82 0.27 0.00	22.15 0.09 0.00	24.32 0.14 0.00	25.77 0.13 0.00	31.24 0.29 0.00	31.06 0.78 0.00	35.92 1.07 0.00	31.31 0.80 0.00	27.37 0.30 0.00	25.72 0.23 0.00	21.92 0.05 0.00	26.19 -0.13 0.00	27.19 -0.21 -0.02	29.05 -0.21 0.00	32.24 -0.40 -0.52	57.65 -0.10 -3.25	222.77 7.70 -7.63	250.93 15.98 -9.63	80.27 5.62 -3.93	68.93 4.57 -3.41	56.93 3.22 -3.73	53.98 2.59 -3.44	38.70 1.68 -1.36
COLDSPRG_115KV_BK1 355956	34.20 -0.62 -0.03	28.78 -0.78 0.00	21.25 -0.80 0.00	23.55 -0.63 0.00	24.97 -0.67 0.00	30.42 -0.53 0.00	30.07 -0.21 0.00	34.24 -0.61 0.00	30.83 0.32 0.00	33.76 0.81 -5.88	33.18 1.14 -6.55	28.22 0.92 -5.43	26.45 0.95 0.82	27.41 1.06 1.03	29.11 0.97 1.12	31.75 0.46 0.84	55.85 -0.08 -1.43	211.91 -0.11 -4.58	229.56 -2.33 -6.56	72.48 -0.91 -2.67	61.93 -1.34 -2.33	50.96 -1.56 -2.54	49.28 -1.02 -2.34	35.57 -1.02 -0.92
COLONIE_LFGE___ 323577	35.73 0.95 0.00	30.38 0.83 0.00	22.72 0.67 0.00	24.87 0.68 0.00	26.37 0.73 0.00	31.92 0.97 0.00	34.77 1.19 -3.30	45.06 1.44 -8.77	31.56 1.05 0.00	28.36 0.71 -0.58	26.80 0.63 -0.68	23.20 0.56 -0.78	28.28 0.64 -1.31	29.63 0.71 -1.53	31.72 0.79 -1.67	34.93 1.03 -1.78	57.44 1.76 -1.18	252.27 7.98 -36.84	264.88 8.60 -30.96	77.45 2.69 -4.04	62.74 1.79 0.00	51.15 1.18 0.00	48.89 0.93 0.00	36.38 0.72 0.00
COOPERNY_115KV_TB1 80082	35.75 0.97 0.00	30.34 0.78 0.00	22.62 0.56 0.00	24.75 0.56 0.00	26.24 0.60 0.00	31.69 0.73 0.00	31.26 0.98 0.00	35.98 1.13 0.00	31.46 0.95 0.00	23.64 0.85 4.28	21.78 1.08 4.79	17.42 1.02 5.47	18.32 1.25 9.25	17.97 1.35 10.76	19.07 1.52 11.72	21.24 1.52 12.40	48.99 2.22 7.73	214.71 8.51 1.24	236.21 8.84 -2.04	74.52 2.71 -1.09	63.07 1.57 -0.56	51.41 0.83 -0.61	49.27 0.75 -0.56	36.52 0.63 -0.22
COPENHAGEN_WT_PWR 323753	34.42 -0.42 -0.05	29.26 -0.30 0.00	21.75 -0.30 0.00	23.85 -0.34 0.00	25.25 -0.39 0.00	30.58 -0.37 0.00	30.43 0.15 0.00	35.23 0.38 0.00	30.80 0.29 0.00	27.11 0.04 0.00	25.54 0.05 0.00	21.82 -0.05 0.00	26.02 -0.30 0.00	26.98 -0.41 -0.02	28.84 -0.43 0.00	32.07 -0.59 -0.54	57.30 -0.60 -3.39	220.55 5.15 -7.96	247.81 12.44 -10.05	79.23 4.41 -4.10	68.04 3.53 -3.57	56.25 2.38 -3.90	53.33 1.79 -3.59	38.22 1.13 -1.42
CORNELL_____ 23752	35.17 0.34 -0.05	29.76 0.20 0.00	22.15 0.10 0.00	24.37 0.19 0.00	25.85 0.21 0.00	31.30 0.34 0.00	30.85 0.57 0.00	35.45 0.60 0.00	31.06 0.54 0.00	27.68 0.27 -0.34	26.08 0.24 -0.35	22.21 0.19 -0.15	25.41 0.22 1.14	26.36 0.29 1.31	28.14 0.32 1.44	31.36 0.29 1.05	57.09 0.58 -2.01	217.53 3.78 -6.31	239.49 5.19 -8.97	76.08 1.70 -3.66	65.22 1.09 -3.18	54.07 0.62 -3.48	51.65 0.49 -3.20	37.18 0.25 -1.26

CORONA_69_KV_TB1 355595	36.93 2.15 0.00	31.31 1.75 0.00	23.29 1.24 0.00	25.43 1.24 0.00	26.96 1.32 0.00	32.48 1.53 0.00	32.24 1.66 -0.30	37.50 1.85 -0.80	32.26 1.75 0.00	34.70 1.69 -5.94	54.12 2.07 -26.55	56.29 1.83 -32.60	54.39 2.15 -25.92	77.60 2.23 -47.98	87.04 2.38 -55.40	96.51 2.44 -61.95	148.93 3.73 -90.70	386.24 13.31 -165.49	240.86 12.33 -3.21	77.09 4.23 -2.14	63.77 2.81 -0.02	51.75 1.78 0.00	49.47 1.51 0.00	37.07 1.40 0.00
CORTLAND_115KV_TB3 80093	35.26 0.43 -0.05	29.85 0.30 0.00	22.26 0.21 0.00	24.45 0.27 0.00	25.93 0.30 0.00	31.43 0.47 0.00	30.98 0.70 0.00	35.67 0.82 0.00	31.13 0.62 0.00	27.43 0.36 0.00	25.86 0.37 0.00	22.20 0.34 0.00	26.72 0.40 0.00	27.89 0.50 -0.02	29.83 0.57 0.00	33.24 0.65 -0.47	58.70 1.26 -2.94	221.40 7.07 -6.89	242.75 8.72 -8.70	76.97 2.70 -3.55	65.95 1.92 -3.08	54.55 1.20 -3.37	51.98 0.92 -3.10	37.48 0.58 -1.23
COXSACKIE__GT 23611	35.79 1.01 0.00	30.46 0.90 0.00	22.77 0.72 0.00	24.93 0.74 0.00	26.44 0.81 0.00	32.04 1.08 0.00	28.29 1.39 3.38	27.64 1.76 8.97	31.73 1.22 0.00	27.60 0.53 0.00	26.68 0.33 -0.86	23.08 0.23 -0.98	28.22 0.23 -1.66	29.60 0.28 -1.94	31.75 0.38 -2.11	34.97 0.60 -2.25	57.18 1.19 -1.48	172.99 8.58 43.04	204.58 11.75 32.50	69.42 3.67 4.97	63.53 2.59 0.00	51.83 1.85 0.00	49.39 1.43 0.00	36.65 0.98 0.00
CPV_VALLEY__CC1 323721	35.78 0.99 0.00	30.34 0.79 0.00	22.63 0.57 0.00	24.75 0.56 0.00	26.24 0.60 0.00	31.69 0.73 0.00	31.50 0.99 -0.23	36.64 1.17 -0.62	31.49 0.98 0.00	22.49 0.89 5.47	21.51 1.14 5.12	17.11 1.09 5.85	17.74 1.31 9.89	17.30 1.43 11.51	18.36 1.63 12.53	20.38 1.61 13.35	47.98 2.32 8.84	214.40 8.83 1.88	236.72 9.11 -2.28	74.09 2.80 -0.57	62.52 1.57 0.00	50.77 0.80 0.00	48.67 0.71 0.00	36.29 0.61 0.00
CPV_VALLEY__CC2 323722	35.78 0.99 0.00	30.34 0.79 0.00	22.63 0.57 0.00	24.75 0.56 0.00	26.24 0.60 0.00	31.69 0.73 0.00	31.50 0.99 -0.23	36.64 1.17 -0.62	31.49 0.98 0.00	22.49 0.89 5.47	21.51 1.14 5.12	17.11 1.09 5.85	17.74 1.31 9.89	17.30 1.43 11.51	18.36 1.63 12.53	20.38 1.61 13.35	47.98 2.32 8.84	214.40 8.83 1.88	236.72 9.11 -2.28	74.09 2.80 -0.57	62.52 1.57 0.00	50.77 0.80 0.00	48.67 0.71 0.00	36.29 0.61 0.00
CRESCENT__HYD 24018	35.73 0.95 0.00	30.38 0.83 0.00	22.72 0.67 0.00	24.87 0.68 0.00	26.37 0.73 0.00	31.92 0.97 0.00	34.77 1.19 -3.30	45.06 1.44 -8.77	31.56 1.05 0.00	28.36 0.71 -0.58	26.80 0.63 -0.68	23.20 0.56 -0.78	28.28 0.64 -1.31	29.63 0.71 -1.53	31.72 0.79 -1.67	34.93 1.03 -1.78	57.44 1.76 -1.18	252.27 7.98 -36.84	264.88 8.60 -30.96	77.45 2.69 -4.04	62.74 1.79 0.00	51.15 1.18 0.00	48.89 0.93 0.00	36.38 0.72 0.00
CRICKET__VALLEY_CC1 323756	35.81 1.03 0.00	30.38 0.82 0.00	22.71 0.66 0.00	24.85 0.67 0.00	26.32 0.68 0.00	31.81 0.85 0.00	31.94 1.16 -0.50	37.61 1.43 -1.33	31.78 1.27 0.00	29.86 1.09 -1.70	28.53 1.20 -1.84	25.03 1.07 -2.10	31.05 1.21 -3.52	32.77 1.29 -4.10	35.13 1.40 -4.46	38.44 1.57 -4.76	60.06 2.40 -3.15	227.62 8.90 -11.28	239.58 9.11 -5.15	74.71 3.00 -0.99	62.76 1.81 0.00	51.02 1.05 0.00	48.78 0.82 0.00	36.39 0.72 0.00
CRICKET__VALLEY_CC2 323757	35.81 1.03 0.00	30.38 0.82 0.00	22.71 0.66 0.00	24.85 0.67 0.00	26.32 0.68 0.00	31.81 0.85 0.00	31.94 1.16 -0.50	37.61 1.43 -1.33	31.78 1.27 0.00	29.86 1.09 -1.70	28.53 1.20 -1.84	25.03 1.07 -2.10	31.05 1.21 -3.52	32.77 1.29 -4.10	35.13 1.40 -4.46	38.44 1.57 -4.76	60.06 2.40 -3.15	227.62 8.90 -11.28	239.58 9.11 -5.15	74.71 3.00 -0.99	62.76 1.81 0.00	51.02 1.05 0.00	48.78 0.82 0.00	36.39 0.72 0.00
CRICKET__VALLEY_CC3 323758	35.81 1.03 0.00	30.38 0.82 0.00	22.71 0.66 0.00	24.85 0.67 0.00	26.32 0.68 0.00	31.81 0.85 0.00	31.94 1.16 -0.50	37.61 1.43 -1.33	31.78 1.27 0.00	29.86 1.09 -1.70	28.53 1.20 -1.84	25.03 1.07 -2.10	31.05 1.21 -3.52	32.77 1.29 -4.10	35.13 1.40 -4.46	38.44 1.57 -4.76	60.06 2.40 -3.15	227.62 8.90 -11.28	239.58 9.11 -5.15	74.71 3.00 -0.99	62.76 1.81 0.00	51.02 1.05 0.00	48.78 0.82 0.00	36.39 0.72 0.00
CRUCIBLE_METL_DRP 24180	34.69 -0.16 -0.07	29.38 -0.18 0.00	21.90 -0.15 0.00	24.04 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.52 0.03 0.00	21.91 0.04 0.00	26.38 0.05 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.14 2.15 -10.55	240.99 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.38 -0.17 -1.88
DAHOWA__HYDRO 323763	36.16 1.38 0.00	30.78 1.22 0.00	22.99 0.94 0.00	25.18 1.00 0.00	26.70 1.07 0.00	32.34 1.38 0.00	34.19 1.68 -2.24	42.82 2.03 -5.93	31.96 1.45 0.00	28.45 0.86 -0.52	26.77 0.66 -0.62	23.14 0.57 -0.70	28.22 0.71 -1.19	29.54 0.78 -1.39	31.67 0.90 -1.51	35.02 1.29 -1.61	58.22 2.65 -1.06	244.18 12.15 -24.58	259.55 13.33 -20.90	77.61 4.22 -2.67	64.05 3.11 0.00	52.06 2.08 0.00	49.68 1.73 0.00	36.93 1.26 0.00
DANC__LFGE 323619	34.40 -0.45 -0.07	29.19 -0.36 0.00	21.73 -0.33 0.00	23.84 -0.35 0.00	25.24 -0.40 0.00	30.57 -0.38 0.00	30.27 0.00 0.00	34.97 0.12 0.00	30.58 0.07 0.00	26.95 -0.12 0.00	25.40 -0.10 0.00	21.74 -0.13 0.00	25.99 -0.32 0.00	27.02 -0.39 -0.02	28.84 -0.42 0.00	32.23 -0.56 -0.67	58.01 -0.67 -4.17	219.79 2.56 -9.79	244.81 7.13 -12.36	78.34 2.58 -5.04	67.33 2.00 -4.38	56.03 1.26 -4.79	53.22 0.86 -4.41	37.90 0.49 -1.74
DANSKAMMER__1 23586	36.46 1.68 0.00	30.93 1.38 0.00	23.05 1.00 0.00	25.21 1.03 0.00	26.73 1.10 0.00	32.31 1.36 0.00	32.16 1.65 -0.24	37.42 1.94 -0.63	32.22 1.71 0.60	27.99 1.52 0.60	29.68 1.71 -2.48	26.23 1.55 -2.82	32.92 1.85 -4.75	34.91 2.00 -5.53	37.49 2.21 -6.02	40.91 2.37 -6.42	62.48 3.72 -4.25	230.53 14.06 -9.02	242.39 14.65 -2.42	75.92 4.57 -0.64	64.02 3.08 0.00	51.99 2.02 0.00	49.76 1.80 0.00	37.07 1.40 0.00
DANSKAMMER__2 23589	36.46 1.68 0.00	30.93 1.38 0.00	23.05 1.00 0.00	25.21 1.03 0.00	26.73 1.10 0.00	32.31 1.36 0.00	32.16 1.65 -0.24	37.42 1.94 -0.63	32.22 1.71 0.60	27.99 1.52 0.60	29.68 1.71 -2.48	26.23 1.55 -2.82	32.92 1.85 -4.75	34.91 2.00 -5.53	37.49 2.21 -6.02	40.91 2.37 -6.42	62.48 3.72 -4.25	230.53 14.06 -9.02	242.39 14.65 -2.42	75.92 4.57 -0.64	64.02 3.08 0.00	51.99 2.02 0.00	49.76 1.80 0.00	37.07 1.40 0.00
DANSKAMMER__3 23590	36.46 1.68 0.00	30.93 1.38 0.00	23.05 1.00 0.00	25.21 1.03 0.00	26.73 1.10 0.00	32.31 1.36 0.00	32.16 1.65 -0.24	37.42 1.94 -0.63	32.22 1.71 0.60	27.99 1.52 0.60	29.68 1.71 -2.48	26.23 1.55 -2.82	32.92 1.85 -4.75	34.91 2.00 -5.53	37.49 2.21 -6.02	40.91 2.37 -6.42	62.48 3.72 -4.25	230.53 14.06 -9.02	242.39 14.65 -2.42	75.92 4.57 -0.64	64.02 3.08 0.00	51.99 2.02 0.00	49.76 1.80 0.00	37.07 1.40 0.00

DANSKAMMER___4 23591	36.46 1.68 0.00	30.93 1.38 0.00	23.05 1.00 0.00	25.21 1.03 0.00	26.73 1.10 0.00	32.31 1.36 0.00	32.16 1.65 -0.24	37.42 1.94 -0.63	32.22 1.71 0.00	27.99 1.52 0.60	29.68 1.71 -2.48	26.23 1.55 -2.82	32.92 1.85 -4.75	34.91 2.00 -5.53	37.49 2.21 -6.02	40.91 2.37 -6.42	62.48 3.72 -4.25	230.53 14.06 -9.02	242.39 14.65 -2.42	75.92 4.57 -0.64	64.02 3.08 0.00	51.99 2.02 0.00	49.76 1.80 0.00	37.07 1.40 0.00
DANSKAMMER___DIESEL 23592	36.46 1.68 0.00	30.93 1.38 0.00	23.05 1.00 0.00	25.21 1.03 0.00	26.73 1.09 0.00	32.31 1.36 0.00	32.16 1.65 -0.24	37.42 1.94 -0.63	32.22 1.71 0.00	27.99 1.52 0.60	29.68 1.71 -2.48	26.23 1.55 -2.82	32.94 1.87 -4.75	34.91 2.00 -5.53	37.50 2.22 -6.02	40.91 2.37 -6.42	62.47 3.72 -4.25	230.56 14.10 -9.02	242.42 14.67 -2.42	75.92 4.57 -0.64	64.02 3.08 0.00	51.97 1.99 0.00	49.76 1.80 0.00	37.07 1.40 0.00
DARBY___SOLAR 323810	36.04 1.26 0.00	30.67 1.11 0.00	22.92 0.86 0.00	25.10 0.91 0.00	26.61 0.97 0.00	32.23 1.27 0.00	34.19 1.54 -2.37	43.00 1.86 -6.30	31.82 1.31 0.00	28.38 0.78 -0.53	26.72 0.60 -0.63	23.11 0.53 -0.71	28.16 0.63 -1.21	29.49 0.70 -1.41	31.60 0.81 -1.53	34.93 1.17 -1.63	57.96 2.37 -1.08	244.57 10.98 -26.14	259.52 12.02 -22.18	77.36 3.80 -2.84	63.70 2.75 0.00	51.81 1.84 0.00	49.46 1.51 0.00	36.78 1.11 0.00
DASHVILLE___HYD 23610	36.12 1.34 0.00	30.67 1.11 0.00	22.86 0.81 0.00	25.00 0.82 0.00	26.51 0.88 0.00	32.02 1.06 0.00	31.02 1.34 0.60	34.86 1.60 1.59	31.89 1.38 0.00	27.60 1.20 0.68	28.12 1.27 -1.35	24.61 1.20 -1.55	30.48 1.53 -2.63	32.07 1.63 -3.06	34.39 1.80 -3.33	37.60 1.93 -3.55	59.86 3.00 -2.35	214.66 11.30 4.09	231.33 11.62 5.61	73.70 3.64 0.67	63.26 2.31 0.00	51.44 1.47 0.00	49.28 1.32 0.00	36.74 1.07 0.00
DELAWARE___LFGE 323621	35.40 0.60 -0.02	30.07 0.51 0.00	22.44 0.38 0.00	24.62 0.44 0.00	26.12 0.48 0.00	31.54 0.59 0.00	31.05 0.77 0.00	35.68 0.83 0.00	31.26 0.75 0.00	27.35 0.63 0.35	25.82 0.77 0.44	21.90 0.71 0.68	25.17 0.88 2.03	25.99 0.95 2.34	27.75 1.04 2.55	30.65 1.05 2.52	55.53 1.58 0.56	217.07 5.87 -3.75	235.25 5.98 -3.94	74.36 1.88 -1.75	63.38 1.13 -1.30	52.01 0.62 -1.42	49.77 0.51 -1.31	36.57 0.38 -0.52
DERFIELD_115KV_TB7 355931	34.84 0.06 0.00	29.62 0.06 0.00	22.10 0.05 0.00	24.23 0.05 0.00	25.69 0.05 0.00	31.04 0.09 0.00	30.45 0.17 0.00	35.06 0.21 0.00	30.66 0.15 0.00	27.15 0.08 0.00	25.60 0.11 0.00	21.98 0.11 0.00	26.45 0.13 0.00	27.52 0.14 0.00	29.43 0.17 0.00	32.33 0.21 0.00	54.84 0.34 0.00	209.08 1.63 0.00	227.17 1.84 0.00	71.31 0.59 0.00	61.24 0.30 0.00	50.12 0.14 0.00	48.01 0.05 0.00	35.71 0.04 0.00
DOGLEVILLE___HYD 23807	36.91 2.13 0.00	31.38 1.83 0.00	23.44 1.39 0.00	25.70 1.52 0.00	27.27 1.63 0.00	33.05 2.09 0.00	32.66 2.38 0.00	37.66 2.81 0.00	32.25 1.74 0.00	27.84 0.77 0.00	26.22 0.73 0.00	22.54 0.67 0.00	27.11 0.78 0.00	28.23 0.85 0.00	30.27 1.01 0.00	33.34 1.22 0.00	57.10 2.59 0.00	222.11 14.67 0.00	243.78 18.45 0.00	76.62 5.90 0.00	65.34 4.40 0.00	53.09 3.12 0.00	50.51 2.55 0.00	37.39 1.72 0.00
DUNKIRK__115KV_TB_200 55889	33.70 -1.11 -0.03	28.27 -1.28 0.00	20.88 -1.17 0.00	23.15 -1.04 0.00	24.53 -1.11 0.00	29.81 -1.14 0.00	29.40 -0.88 0.00	33.29 -1.56 0.00	30.00 -0.51 0.00	33.33 0.11 -6.15	32.78 0.43 -6.85	27.92 0.36 -5.70	25.94 0.41 0.79	26.94 0.55 0.99	28.64 0.46 1.08	31.21 -0.11 0.80	54.88 -1.06 -1.43	208.08 -3.91 -4.54	225.26 -6.56 -6.49	71.19 -2.18 -2.65	60.99 -2.26 -2.30	50.06 -2.43 -2.52	48.44 -1.84 -2.32	34.92 -1.67 -0.91
DUNKIRK___1 23563	33.70 -1.11 -0.03	28.27 -1.28 0.00	20.88 -1.17 0.00	23.15 -1.04 0.00	24.53 -1.11 0.00	29.81 -1.14 0.00	29.40 -0.88 0.00	33.29 -1.56 0.00	30.00 -0.51 0.00	33.33 0.11 -6.15	32.78 0.43 -6.85	27.92 0.36 -5.70	25.94 0.41 0.79	26.94 0.55 0.99	28.64 0.46 1.08	31.21 -0.11 0.80	54.88 -1.06 -1.43	208.08 -3.91 -4.54	225.26 -6.56 -6.49	71.19 -2.18 -2.65	60.99 -2.26 -2.30	50.06 -2.43 -2.52	48.44 -1.84 -2.32	34.92 -1.67 -0.91
DUNKIRK___2 23564	33.70 -1.11 -0.03	28.27 -1.28 0.00	20.88 -1.17 0.00	23.15 -1.04 0.00	24.53 -1.11 0.00	29.81 -1.14 0.00	29.40 -0.88 0.00	33.29 -1.56 0.00	30.00 -0.51 0.00	33.33 0.11 -6.15	32.78 0.43 -6.85	27.92 0.36 -5.70	25.94 0.41 0.79	26.94 0.55 0.99	28.64 0.46 1.08	31.21 -0.11 0.80	54.88 -1.06 -1.43	208.08 -3.91 -4.54	225.26 -6.56 -6.49	71.19 -2.18 -2.65	60.99 -2.26 -2.30	50.06 -2.43 -2.52	48.44 -1.84 -2.32	34.92 -1.67 -0.91
DUNKIRK___3 23565	33.68 -1.13 -0.03	28.33 -1.23 0.00	20.93 -1.12 0.00	23.21 -0.97 0.00	24.59 -1.05 0.00	29.84 -1.11 0.00	29.37 -0.91 0.00	33.25 -1.60 0.00	29.92 -0.59 0.00	33.29 0.04 -6.18	32.71 0.33 -6.89	27.85 0.26 -5.72	25.82 0.28 0.78	26.83 0.43 0.98	28.49 0.31 1.07	31.07 -0.26 0.79	54.58 -1.36 -1.43	206.79 -5.19 -4.54	223.89 -7.92 -6.48	70.76 -2.60 -2.64	60.69 -2.56 -2.30	49.95 -2.53 -2.51	48.38 -1.89 -2.31	34.98 -1.61 -0.91
DUNKIRK___4 23566	33.68 -1.13 -0.03	28.33 -1.23 0.00	20.93 -1.12 0.00	23.21 -0.97 0.00	24.59 -1.05 0.00	29.84 -1.11 0.00	29.37 -0.91 0.00	33.25 -1.60 0.00	29.92 -0.59 0.00	33.29 0.04 -6.18	32.71 0.33 -6.89	27.85 0.26 -5.72	25.82 0.28 0.78	26.83 0.43 0.98	28.49 0.31 1.07	31.07 -0.26 0.79	54.58 -1.36 -1.43	206.79 -5.19 -4.54	223.89 -7.92 -6.48	70.76 -2.60 -2.64	60.69 -2.56 -2.30	49.95 -2.53 -2.51	48.38 -1.89 -2.31	34.98 -1.61 -0.91
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.49 1.71 0.00	30.95 1.39 0.00	23.04 0.99 0.00	25.19 1.00 0.00	26.70 1.06 0.00	32.26 1.30 0.00	32.15 1.58 -0.30	37.50 1.85 -0.80	32.21 1.70 0.00	31.48 1.58 -2.84	29.90 1.80 -2.61	26.48 1.64 -2.97	33.29 1.96 -5.00	35.27 2.07 -5.82	37.84 2.25 -6.34	41.19 2.31 -6.75	62.48 3.50 -4.47	230.61 12.77 -10.40	241.49 12.96 -3.20	75.57 4.08 -0.77	63.57 2.62 0.00	51.61 1.63 0.00	49.47 1.51 0.00	36.96 1.29 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	36.23 1.45 0.00	30.72 1.17 0.00	22.89 0.84 0.00	25.03 0.85 0.00	26.54 0.90 0.00	32.07 1.12 0.00	31.89 1.41 -0.21	37.06 1.66 -0.55	31.93 1.41 0.00	25.48 1.26 2.85	30.01 1.48 -3.04	26.70 1.37 -3.46	33.82 1.66 -5.83	35.97 1.79 -6.80	38.66 2.00 -7.40	42.09 2.08 -7.88	62.91 3.18 -5.22	228.82 12.17 -9.21	240.19 12.76 -2.10	75.23 3.94 -0.57	63.47 2.53 0.00	51.51 1.54 0.00	49.34 1.39 0.00	36.78 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.66 1.87 0.00	31.09 1.54 0.00	23.14 1.09 0.00	25.30 1.12 0.00	26.81 1.18 0.00	32.41 1.46 0.00	32.33 1.75 -0.30	37.70 2.05 -0.80	32.43 1.92 0.00	31.68 1.77 -2.84	30.10 1.99 -2.61	26.64 1.80 -2.97	33.48 2.16 -5.00	35.48 2.27 -5.82	38.00 2.41 -6.33	41.34 2.47 -6.75	62.69 3.71 -4.47	231.00 13.16 -10.40	242.29 13.76 -3.20	75.86 4.37 -0.77	63.81 2.87 0.00	51.81 1.83 0.00	49.69 1.74 0.00	37.16 1.49 0.00

E179THST_13_KV_LOAD 356214	36.83 2.05 0.00	31.22 1.67 0.00	23.24 1.19 0.00	25.40 1.22 0.00	26.92 1.29 0.00	32.55 1.59 0.00	32.47 1.89 -0.30	37.88 2.23 -0.80	32.59 2.08 0.00	31.82 1.91 -2.84	30.24 2.13 -2.61	26.77 1.93 -2.97	33.64 2.31 -5.00	35.64 2.44 -5.82	38.18 2.58 -6.33	41.53 2.66 -6.75	63.02 4.04 -4.47	232.29 14.44 -10.40	243.55 15.02 -3.20	76.27 4.78 -0.77	64.15 3.21 0.00	52.10 2.12 0.00	49.96 2.00 0.00	37.34 1.67 0.00
EAST HAMPTON___GT 23717	36.25 1.47 0.00	31.04 1.49 0.00	23.12 1.07 0.00	25.21 1.02 0.00	26.84 1.20 0.00	32.34 1.39 0.00	31.96 1.38 -0.30	36.71 1.59 -0.27	31.98 1.47 0.00	31.14 1.44 -2.63	23.97 2.08 3.59	-3.59 1.84 27.30	26.78 1.96 1.50	43.53 1.82 -14.33	47.18 1.88 -16.04	47.93 1.77 -14.04	63.17 2.86 -5.80	62.15 10.36 155.66	70.65 8.38 163.05	45.00 2.18 27.90	49.01 0.76 12.69	42.84 -0.11 7.02	45.95 -0.32 1.69	35.90 0.23 0.00
EAST RIVER___6 23660	36.71 1.92 0.00	31.13 1.57 0.00	23.16 1.11 0.00	25.32 1.14 0.00	26.85 1.21 0.00	32.43 1.48 0.00	32.31 1.74 -0.30	37.68 2.03 -0.80	32.44 1.92 0.00	31.73 1.82 -2.84	30.16 2.06 -2.62	26.73 1.89 -2.97	33.58 2.26 -5.01	35.62 2.42 -5.82	38.22 2.62 -6.34	41.54 2.66 -6.76	62.98 4.00 -4.47	232.04 14.20 -10.40	242.73 14.20 -3.20	76.03 4.54 -0.77	63.92 2.98 0.00	51.89 1.91 0.00	49.74 1.78 0.00	37.19 1.52 0.00
EAST RIVER___7 23524	36.71 1.92 0.00	31.13 1.57 0.00	23.16 1.11 0.00	25.32 1.14 0.00	26.85 1.21 0.00	32.43 1.48 0.00	32.31 1.74 -0.30	37.68 2.03 -0.80	32.44 1.92 0.00	31.73 1.82 -2.84	30.16 2.06 -2.62	26.73 1.89 -2.97	33.58 2.26 -5.01	35.62 2.42 -5.82	38.22 2.62 -6.34	41.54 2.66 -6.76	62.98 4.00 -4.47	232.04 14.20 -10.40	242.73 14.20 -3.20	76.03 4.54 -0.77	63.92 2.98 0.00	51.89 1.91 0.00	49.74 1.78 0.00	37.19 1.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.39 1.60 0.00	30.87 1.31 0.00	22.98 0.93 0.00	25.13 0.94 0.00	26.64 1.01 0.00	32.19 1.23 0.00	32.08 1.50 -0.30	37.41 1.76 -0.80	32.12 1.61 0.00	31.49 1.48 -2.94	29.88 1.71 -2.67	26.47 1.56 -3.04	33.31 1.88 -5.11	35.32 1.99 -5.95	37.91 2.17 -6.48	41.26 2.23 -6.91	62.45 3.37 -4.57	230.25 12.36 -10.45	241.09 12.58 -3.19	75.43 3.94 -0.77	63.47 2.53 0.00	51.52 1.55 0.00	49.38 1.42 0.00	36.88 1.21 0.00
EAST_HAMPTON___DIESEL 23722	36.20 1.42 0.00	31.01 1.46 0.00	23.09 1.04 0.00	25.18 1.00 0.00	26.82 1.18 0.00	32.32 1.37 0.00	31.93 1.36 -0.30	36.69 1.57 -0.27	31.95 1.44 0.00	31.11 1.41 -2.63	23.96 2.06 3.59	-3.60 1.83 27.30	26.76 1.94 1.50	43.49 1.78 -14.33	47.14 1.83 -16.04	47.88 1.71 -14.04	63.09 2.78 -5.80	61.81 10.02 155.66	70.24 7.97 163.06	44.83 2.02 27.90	48.85 0.60 12.69	42.70 -0.25 7.02	45.84 -0.43 1.69	35.82 0.15 0.00
EAST_POINT___SOLAR 323840	35.59 0.81 0.00	30.19 0.64 0.00	22.50 0.44 0.00	24.68 0.50 0.00	26.20 0.56 0.00	31.74 0.79 0.00	32.34 1.01 -1.05	38.77 1.13 -2.79	30.61 0.10 0.00	26.47 -0.61 0.00	24.84 -0.66 0.00	21.32 -0.54 0.00	25.75 -0.57 0.00	26.89 -0.49 0.00	28.74 -0.52 0.00	31.61 -0.51 0.00	54.30 -0.21 0.00	223.49 5.40 -10.65	244.24 9.14 -9.77	74.98 3.06 -1.20	63.37 2.43 0.00	51.68 1.70 0.00	49.40 1.44 0.00	36.59 0.92 0.00
EAST_PULASKI___ESR 323781	34.40 -0.48 -0.09	29.13 -0.42 0.00	21.70 -0.35 0.00	23.82 -0.36 0.00	25.23 -0.40 0.00	30.55 -0.40 0.00	30.13 -0.15 0.00	34.72 -0.13 0.00	30.36 -0.15 0.00	26.79 -0.28 0.00	25.25 -0.24 0.00	21.66 -0.21 0.00	25.98 -0.34 0.00	27.07 -0.34 -0.03	28.89 -0.37 0.00	32.54 -0.48 -0.90	59.50 -0.67 -5.67	221.02 0.28 -13.31	244.27 2.15 -16.80	78.44 0.87 -6.85	67.43 0.53 -5.96	56.66 0.18 -6.51	53.89 -0.06 -5.99	37.90 -0.14 -2.36
EAST_RIVER___1 323558	36.66 1.87 0.00	31.09 1.54 0.00	23.13 1.08 0.00	25.29 1.11 0.00	26.81 1.18 0.00	32.40 1.45 0.00	32.29 1.72 -0.30	37.66 2.01 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.12 2.01 -2.62	26.68 1.84 -2.97	33.52 2.20 -5.01	35.54 2.34 -5.82	38.13 2.53 -6.34	41.46 2.58 -6.76	62.86 3.88 -4.47	231.89 14.04 -10.40	242.66 14.13 -3.20	75.93 4.44 -0.77	63.85 2.90 0.00	51.81 1.84 0.00	49.68 1.72 0.00	37.13 1.46 0.00
EAST_RIVER___2 323559	36.71 1.92 0.00	31.13 1.57 0.00	23.16 1.11 0.00	25.32 1.14 0.00	26.85 1.21 0.00	32.43 1.48 0.00	32.31 1.74 -0.30	37.68 2.03 -0.80	32.44 1.92 0.00	31.73 1.82 -2.84	30.16 2.06 -2.62	26.73 1.89 -2.97	33.58 2.26 -5.01	35.62 2.42 -5.82	38.22 2.62 -6.34	41.54 2.66 -6.76	62.98 4.00 -4.47	232.04 14.20 -10.40	242.73 14.20 -3.20	76.03 4.54 -0.77	63.92 2.98 0.00	51.89 1.91 0.00	49.74 1.78 0.00	37.19 1.52 0.00
EAST___DELAWARE_HYD 23607	35.45 0.66 0.00	30.05 0.49 0.00	22.39 0.33 0.00	24.48 0.30 0.00	25.95 0.31 0.00	31.37 0.42 0.00	31.01 0.73 0.00	35.76 0.91 0.00	31.24 0.73 0.00	25.15 0.58 2.49	25.89 0.74 0.34	22.19 0.72 0.39	26.54 0.88 0.66	27.61 0.99 0.76	29.59 1.17 0.83	32.44 1.21 0.89	55.82 1.90 0.59	214.83 7.85 0.46	233.79 8.46 0.00	73.34 2.63 0.00	62.36 1.42 0.00	50.59 0.61 0.00	48.41 0.45 0.00	36.03 0.36 0.00
EIGHT_POINT___WT_PWR 323820	32.87 -1.95 -0.04	27.58 -1.98 0.00	20.53 -1.52 0.00	22.73 -1.45 0.00	24.06 -1.57 0.00	29.22 -1.73 0.00	29.15 -1.12 0.00	33.04 -1.81 0.00	29.15 -1.36 0.00	30.33 -0.72 -3.98	29.73 -0.19 -4.43	25.24 -0.25 -3.62	24.97 -0.41 0.94	26.22 -0.05 1.11	27.85 -0.20 1.21	30.58 -0.62 0.92	54.66 -1.33 -1.48	208.73 -3.52 -4.80	229.06 -3.18 -6.91	72.50 -1.03 -2.82	61.77 -1.62 -2.45	51.08 -1.57 -2.68	48.82 -1.60 -2.47	34.77 -1.87 -0.97
ELBRIDGE_115KV_TB2 80188	34.52 -0.34 -0.07	29.23 -0.32 0.00	21.77 -0.28 0.00	23.91 -0.28 0.00	25.37 -0.27 0.00	30.71 -0.25 0.00	30.16 -0.11 0.00	34.71 -0.14 0.00	30.40 -0.11 0.00	26.91 -0.16 0.00	25.41 -0.09 0.00	21.81 -0.05 0.00	26.25 -0.07 0.00	27.39 -0.02 -0.03	29.24 -0.02 0.00	32.82 -0.04 -0.74	59.09 -0.09 -4.67	219.06 0.65 -10.97	239.84 0.67 -13.84	76.48 0.12 -5.65	65.70 -0.15 -4.91	54.97 -0.38 -5.37	52.47 -0.43 -4.94	37.24 -0.38 -1.95
ELEC_TRO_TEK 24086	36.71 1.92 0.00	31.12 1.57 0.00	23.17 1.11 0.00	25.29 1.11 0.00	26.82 1.18 0.00	32.32 1.36 0.00	32.08 1.50 -0.30	37.27 1.70 -0.72	32.12 1.61 0.00	34.52 1.55 -5.90	53.69 1.93 -26.27	55.81 1.70 -32.24	53.98 1.99 -25.67	70.55 2.06 -41.11	78.38 2.19 -46.93	90.01 2.23 -55.65	130.86 3.39 -72.96	309.89 12.13 -90.31	210.51 11.13 25.95	73.49 3.66 0.89	63.26 2.30 -0.01	51.37 1.39 0.00	49.17 1.21 0.00	36.88 1.21 0.00
ELLENBURG_WT_PWR 323604	35.13 0.35 0.00	29.61 0.06 0.00	21.99 -0.06 0.00	24.04 -0.14 0.00	25.49 -0.15 0.00	30.93 -0.03 0.00	30.15 -0.13 0.00	34.80 -0.05 0.00	30.62 0.11 0.00	27.47 0.40 0.00	25.72 0.22 0.00	21.83 -0.03 0.00	25.97 -0.35 0.00	26.70 -0.68 0.00	28.37 -0.89 0.00	30.92 -1.20 0.00	52.77 -1.74 0.00	201.06 -6.38 0.00	220.07 -5.26 0.00	48.57 -2.32 19.84	32.12 -1.64 27.19	27.37 -0.76 21.84	47.85 -0.10 0.00	35.85 0.18 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	33.65 -1.16 -0.03	28.43 -1.12 0.00	21.02 -1.03 0.00	23.33 -0.85 0.00	24.69 -0.95 0.00	29.90 -1.05 0.00	29.26 -1.02 0.00	33.02 -1.83 0.00	29.79 -0.72 0.00	33.50 -0.01 -6.44	32.82 0.15 -7.18	27.94 0.09 -5.97	25.67 0.11 0.75	26.69 0.26 0.95	28.24 0.02 1.04	30.82 -0.55 0.75	53.85 -2.10 -1.44	204.23 -7.73 -4.52	220.85 -10.90 -6.43	69.80 -3.54 -2.62	59.98 -3.24 -2.28	49.64 -2.83 -2.49	48.21 -2.04 -2.30	35.07 -1.50 -0.90
EMPIRE_CC_1 323656	35.53 0.75 0.00	30.24 0.68 0.00	22.62 0.57 0.00	24.75 0.56 0.00	26.24 0.61 0.00	31.76 0.80 0.00	34.82 0.99 -3.56	45.49 1.19 -9.45	31.38 0.87 0.00	28.47 0.61 -0.79	26.96 0.57 -0.90	23.41 0.51 -1.02	28.63 0.59 -1.72	30.05 0.66 -2.01	32.16 0.71 -2.19	35.36 0.90 -2.33	57.39 1.34 -1.54	244.26 5.94 -30.88	264.06 6.39 -32.34	76.05 2.00 -3.33	62.11 1.17 0.00	50.71 0.74 0.00	48.49 0.54 0.00	36.13 0.46 0.00
EMPIRE_CC_2 323658	35.53 0.75 0.00	30.24 0.68 0.00	22.62 0.57 0.00	24.75 0.56 0.00	26.24 0.61 0.00	31.76 0.80 0.00	34.82 0.99 -3.56	45.49 1.19 -9.45	31.38 0.87 0.00	28.47 0.61 -0.79	26.96 0.57 -0.90	23.41 0.51 -1.02	28.63 0.59 -1.72	30.05 0.66 -2.01	32.16 0.71 -2.19	35.36 0.90 -2.33	57.39 1.34 -1.54	244.26 5.94 -30.88	264.06 6.39 -32.34	76.05 2.00 -3.33	62.11 1.17 0.00	50.71 0.74 0.00	48.49 0.54 0.00	36.13 0.46 0.00
ENORWICH_115KV_TB1 80156	35.90 1.08 -0.04	30.38 0.82 0.00	22.60 0.55 0.00	25.06 0.88 0.00	26.58 0.94 0.00	32.29 1.34 0.00	32.04 1.77 0.00	36.83 1.97 0.00	32.60 2.09 0.00	28.29 1.25 0.02	26.56 1.13 0.06	22.55 0.96 0.27	26.00 1.24 1.56	26.87 1.21 1.72	28.65 1.28 1.89	31.82 1.33 1.64	58.09 2.55 -1.03	224.27 12.34 -4.49	248.41 16.10 -6.99	78.64 5.07 -2.85	66.84 3.42 -2.48	54.63 1.95 -2.71	51.67 1.22 -2.49	37.42 0.77 -0.98
ERIE_ST__34_KV_TB1-2 80199	33.81 -1.01 -0.03	28.57 -0.98 0.00	21.10 -0.95 0.00	23.44 -0.75 0.00	24.79 -0.84 0.00	30.03 -0.93 0.00	29.44 -0.84 0.00	33.31 -1.54 0.00	30.02 -0.49 0.00	33.47 0.17 -6.23	32.81 0.38 -6.94	27.91 0.27 -5.77	25.83 0.29 0.78	26.83 0.43 0.98	28.45 0.25 1.07	31.05 -0.28 0.79	54.44 -1.51 -1.44	206.43 -5.55 -4.55	223.43 -8.39 -6.49	70.56 -2.81 -2.65	60.60 -2.64 -2.30	50.16 -2.32 -2.51	48.62 -1.65 -2.32	35.31 -1.28 -0.91
ERIE_WT_PWR 323693	33.76 -1.05 -0.03	28.50 -1.06 0.00	21.06 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.37 -0.91 0.00	33.17 -1.68 0.00	29.90 -0.61 0.00	33.41 0.07 -6.27	32.73 0.26 -6.99	27.84 0.16 -5.81	25.84 0.30 0.77	26.80 0.39 0.97	28.35 0.15 1.06	30.94 -0.40 0.78	54.16 -1.79 -1.44	205.52 -6.46 -4.55	222.42 -9.38 -6.48	70.26 -3.10 -2.64	60.41 -2.83 -2.30	49.97 -2.51 -2.51	48.48 -1.79 -2.31	35.20 -1.39 -0.91
ESPRGFLD_115KV_TB1 80157	35.01 0.22 -0.01	29.69 0.14 0.00	22.11 0.06 0.00	24.29 0.10 0.00	25.77 0.14 0.00	31.17 0.21 0.00	31.41 0.38 -0.74	37.25 0.42 -1.98	30.87 0.36 0.00	27.42 0.35 0.00	25.95 0.45 0.00	22.31 0.45 0.00	26.92 0.59 0.00	28.05 0.66 0.00	29.94 0.68 0.00	32.86 0.64 -0.10	56.11 1.00 -0.60	221.09 4.43 -9.22	239.05 5.00 -8.72	73.86 1.53 -1.60	62.68 1.10 -0.63	51.28 0.62 -0.69	49.06 0.48 -0.63	36.20 0.29 -0.25
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.11 0.28 -0.05	29.71 0.16 0.00	22.13 0.08 0.00	24.34 0.16 0.00	25.81 0.17 0.00	31.25 0.30 0.00	30.79 0.51 0.00	35.38 0.53 0.00	31.00 0.49 0.00	27.58 0.24 -0.27	26.00 0.23 -0.28	22.14 0.18 -0.09	25.41 0.22 1.14	26.36 0.29 1.31	28.14 0.32 1.44	31.37 0.29 1.04	57.12 0.56 -2.05	217.35 3.51 -6.40	239.18 4.76 -9.09	75.94 1.52 -3.71	65.13 0.96 -3.22	54.00 0.50 -3.52	51.59 0.39 -3.24	37.13 0.18 -1.28
ETNA____115KV_TB2 80207	35.11 0.28 -0.05	29.71 0.16 0.00	22.13 0.08 0.00	24.34 0.16 0.00	25.81 0.17 0.00	31.25 0.30 0.00	30.79 0.51 0.00	35.38 0.53 0.00	31.00 0.49 0.00	27.58 0.24 -0.27	26.00 0.23 -0.28	22.14 0.18 -0.09	25.41 0.22 1.14	26.36 0.29 1.31	28.14 0.32 1.44	31.37 0.29 1.04	57.12 0.56 -2.05	217.35 3.51 -6.40	239.18 4.76 -9.09	75.94 1.52 -3.71	65.13 0.96 -3.22	54.00 0.50 -3.52	51.59 0.39 -3.24	37.13 0.18 -1.28
EUCLID__115KV_TB2 356179	34.35 -0.48 -0.05	29.11 -0.45 0.00	21.71 -0.34 0.00	23.84 -0.35 0.00	25.27 -0.37 0.00	30.57 -0.39 0.00	30.04 -0.24 0.00	34.56 -0.30 0.00	30.25 -0.26 0.00	26.80 -0.27 0.00	25.30 -0.19 0.00	21.72 -0.15 0.00	26.13 -0.18 0.00	27.26 -0.14 -0.02	29.14 -0.12 0.00	32.45 -0.17 -0.49	57.28 -0.31 -3.09	214.45 -0.24 -7.25	234.17 -0.30 -9.15	74.30 -0.15 -3.73	63.80 -0.38 -3.24	52.97 -0.55 -3.55	50.60 -0.62 -3.27	36.46 -0.50 -1.29
E_CANADA_CAP_HY 24051	34.87 0.09 0.00	29.59 0.04 0.00	22.05 0.00 0.00	24.18 -0.01 0.00	25.66 0.02 0.00	31.04 0.09 0.00	31.48 0.24 -0.97	37.70 0.28 -2.57	30.51 0.00 0.00	26.93 -0.14 0.00	25.36 -0.13 0.00	21.77 -0.09 0.00	26.25 -0.07 0.00	27.37 -0.01 0.00	29.22 -0.04 0.00	32.04 -0.08 0.00	54.47 -0.04 0.00	219.17 1.85 -9.87	237.86 3.53 -9.00	72.95 1.13 -1.11	61.85 0.91 0.00	50.56 0.58 0.00	48.41 0.46 0.00	35.93 0.26 0.00
E_CANADA_MHWK_HY 24050	36.91 2.13 0.00	31.38 1.83 0.00	23.44 1.39 0.00	25.71 1.52 0.00	27.27 1.63 0.00	33.05 2.10 0.00	32.66 2.38 0.00	37.66 2.81 0.00	32.25 1.74 0.00	27.84 0.77 0.00	26.22 0.73 0.00	22.54 0.67 0.00	27.10 0.78 0.00	28.23 0.85 0.00	30.27 1.01 0.00	33.34 1.22 0.00	57.10 2.59 0.00	222.11 14.67 0.00	243.75 18.43 0.00	76.62 5.90 0.00	65.35 4.40 0.00	53.10 3.12 0.00	50.50 2.55 0.00	37.39 1.72 0.00
E_FISHKILL__LBMP 23776	36.11 1.33 0.00	30.64 1.09 0.00	22.85 0.80 0.00	24.99 0.80 0.00	26.49 0.85 0.00	32.01 1.05 0.00	31.90 1.31 -0.31	37.24 1.57 -0.82	31.95 1.44 0.00	30.26 1.29 -1.90	29.02 1.47 -2.06	25.53 1.33 -2.34	31.80 1.56 -3.91	33.59 1.65 -4.56	36.02 1.80 -4.96	39.30 1.89 -5.29	60.85 2.84 -3.50	227.77 10.35 -9.98	239.18 10.48 -3.38	74.86 3.33 -0.81	63.03 2.08 0.00	51.24 1.27 0.00	49.08 1.13 0.00	36.65 0.98 0.00
FALCON__SEABRD_CC1 323796	35.61 0.83 0.00	29.98 0.42 0.00	22.23 0.18 0.00	24.23 0.05 0.00	25.67 0.04 0.00	31.20 0.25 0.00	30.49 0.21 0.00	35.19 0.34 0.00	30.93 0.41 0.00	27.83 0.76 0.00	26.02 0.53 0.00	21.98 0.11 0.00	25.90 -0.42 0.00	26.36 -1.02 0.00	27.90 -1.36 0.00	30.23 -1.89 0.00	51.59 -2.91 0.00	196.65 -10.79 0.00	215.97 -9.36 0.00	43.76 -3.78 23.18	26.26 -2.91 31.76	22.97 -1.48 25.52	47.82 -0.14 0.00	36.20 0.53 0.00
FALCON__SEABRD_CC2 323797	35.61 0.83 0.00	29.98 0.42 0.00	22.23 0.18 0.00	24.23 0.05 0.00	25.67 0.04 0.00	31.20 0.25 0.00	30.49 0.21 0.00	35.19 0.34 0.00	30.93 0.41 0.00	27.83 0.76 0.00	26.02 0.53 0.00	21.98 0.11 0.00	25.90 -0.42 0.00	26.36 -1.02 0.00	27.90 -1.36 0.00	30.23 -1.89 0.00	51.59 -2.91 0.00	196.65 -10.79 0.00	215.97 -9.36 0.00	43.76 -3.78 23.18	26.26 -2.91 31.76	22.97 -1.48 25.52	47.82 -0.14 0.00	36.20 0.53 0.00

FAR ROCKAWAY___4 23548	37.20 2.42 0.00	31.53 1.97 0.00	23.45 1.40 0.00	25.60 1.41 0.00	27.14 1.50 0.00	32.70 1.75 0.00	32.47 1.89 -0.30	37.74 2.09 -0.80	32.48 1.97 0.00	34.62 1.91 -5.64	52.01 2.28 -24.24	53.62 2.02 -29.73	52.61 2.40 -23.89	74.62 2.50 -44.74	83.63 2.68 -51.69	92.29 2.76 -57.41	143.74 4.11 -85.12	381.89 14.18 -160.26	243.88 12.91 -5.64	77.90 4.93 -2.26	64.32 3.36 -0.01	52.16 2.18 0.00	49.84 1.88 0.00	37.34 1.67 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.66 1.87 0.00	31.10 1.54 0.00	23.13 1.08 0.00	25.29 1.11 0.00	26.81 1.18 0.00	32.40 1.45 0.00	32.30 1.72 -0.30	37.67 2.02 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.12 2.01 -2.62	26.68 1.84 -2.97	33.53 2.21 -5.01	35.55 2.34 -5.82	38.12 2.52 -6.34	41.45 2.57 -6.76	62.86 3.88 -4.47	231.93 14.09 -10.41	242.71 14.18 -3.20	75.93 4.44 -0.77	63.84 2.90 0.00	51.80 1.83 0.00	49.67 1.71 0.00	37.13 1.46 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.68 1.89 0.00	31.10 1.55 0.00	23.14 1.09 0.00	25.30 1.11 0.00	26.82 1.18 0.00	32.41 1.46 0.00	32.32 1.74 -0.30	37.69 2.04 -0.80	32.42 1.91 0.00	31.69 1.78 -2.84	30.12 2.02 -2.62	26.68 1.84 -2.97	33.54 2.22 -5.01	35.55 2.35 -5.82	38.14 2.54 -6.34	41.46 2.58 -6.76	62.87 3.89 -4.47	231.94 14.09 -10.41	242.82 14.29 -3.20	75.96 4.47 -0.77	63.86 2.92 0.00	51.83 1.85 0.00	49.68 1.72 0.00	37.15 1.48 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.63 1.85 0.00	31.08 1.52 0.00	23.12 1.07 0.00	25.28 1.09 0.00	26.80 1.16 0.00	32.38 1.43 0.00	32.29 1.71 -0.30	37.65 2.00 -0.80	32.39 1.88 0.00	31.67 1.76 -2.84	30.10 2.00 -2.62	26.67 1.83 -2.97	33.52 2.20 -5.01	35.53 2.32 -5.82	38.11 2.51 -6.34	41.43 2.55 -6.76	62.81 3.84 -4.47	231.73 13.88 -10.41	242.55 14.02 -3.20	75.86 4.37 -0.77	63.80 2.85 0.00	51.77 1.80 0.00	49.63 1.67 0.00	37.11 1.44 0.00
FARRAGUT___LBMP 323566	36.61 1.83 0.00	31.06 1.50 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.69 -0.30	37.62 1.97 -0.80	32.36 1.85 0.00	31.64 1.73 -2.84	30.07 1.97 -2.62	26.64 1.79 -2.97	33.49 2.16 -5.01	35.49 2.28 -5.82	38.06 2.46 -6.34	41.39 2.51 -6.76	62.75 3.77 -4.47	231.52 13.67 -10.41	242.32 13.79 -3.20	75.80 4.31 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.08 1.41 0.00
FENNER___WINDPWR 24204	35.22 0.40 -0.04	29.84 0.29 0.00	22.26 0.21 0.00	24.43 0.25 0.00	25.93 0.30 0.00	31.42 0.46 0.00	30.95 0.67 0.00	35.67 0.82 0.00	31.12 0.61 0.00	27.43 0.36 0.00	25.89 0.39 0.00	22.23 0.36 0.00	26.74 0.42 0.00	27.90 0.50 -0.01	29.84 0.58 0.00	33.18 0.69 -0.37	58.19 1.34 -2.34	220.45 7.51 -5.50	241.64 9.37 -6.94	76.40 2.85 -2.83	65.43 2.03 -2.46	53.96 1.30 -2.69	51.42 0.98 -2.48	37.29 0.64 -0.98
FIBERTEK___ENERGY 23856	34.69 -0.16 -0.07	29.38 -0.18 0.00	21.90 -0.15 0.00	24.04 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.52 0.03 0.00	21.91 0.04 0.00	26.38 0.05 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.14 2.15 -10.55	240.99 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.38 -0.17 -1.88
FITZPATRICK___ 23598	33.36 -1.03 0.39	28.66 -0.89 0.00	21.38 -0.68 0.00	23.46 -0.73 0.00	24.87 -0.77 0.00	30.08 -0.88 0.00	29.53 -0.75 0.00	34.00 -0.86 0.00	29.77 -0.74 0.00	26.38 -0.69 0.00	24.88 -0.61 0.00	21.36 -0.51 0.00	25.69 -0.63 0.00	26.62 -0.63 0.13	28.59 -0.67 0.00	27.52 -0.76 3.84	29.07 -1.31 24.13	146.40 -4.39 56.65	149.04 -4.78 71.51	40.04 -1.52 29.16	34.07 -1.51 25.36	20.86 -1.39 27.72	21.04 -1.39 25.52	24.54 -1.06 10.07
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.52 1.74 0.00	30.98 1.43 0.00	23.09 1.04 0.00	25.25 1.07 0.00	26.77 1.14 0.00	32.36 1.40 0.00	32.23 1.70 -0.25	37.52 2.01 -0.66	32.29 1.78 0.00	28.65 1.58 0.00	29.66 1.77 -2.40	26.20 1.59 -2.73	32.85 1.92 -4.61	34.80 2.06 -5.36	37.37 2.28 -5.84	40.79 2.45 -6.22	62.48 3.86 -4.12	231.19 14.62 -9.13	243.03 15.15 -2.55	76.11 4.73 -0.66	64.14 3.20 0.00	52.08 2.11 0.00	49.85 1.90 0.00	37.14 1.47 0.00
FORT ORANGE___ 23900	35.08 0.30 0.00	29.88 0.32 0.00	22.35 0.30 0.00	24.45 0.27 0.00	25.93 0.29 0.00	31.35 0.39 0.00	24.95 0.60 5.93	19.85 0.74 15.73	30.99 0.47 0.00	27.81 0.21 -0.53	26.40 0.20 -0.71	22.88 0.20 -0.81	27.88 0.19 -1.37	29.20 0.23 -1.59	31.28 0.28 -1.73	34.32 0.35 -1.85	56.16 0.43 -1.22	133.33 2.88 76.98	171.97 3.64 57.00	63.07 1.12 8.76	61.42 0.48 0.00	50.22 0.24 0.00	48.02 0.06 0.00	35.76 0.09 0.00
FORT_DRUM_COGEN 23780	34.88 0.05 -0.05	29.63 0.07 0.00	22.00 -0.06 0.00	24.15 -0.03 0.00	25.59 -0.05 0.00	31.01 0.06 0.00	30.81 0.53 0.00	35.65 0.79 0.00	31.11 0.60 0.00	27.29 0.22 0.00	25.64 0.15 0.00	21.90 0.03 0.00	26.14 -0.18 0.00	27.14 -0.26 -0.02	28.99 -0.27 0.00	32.20 -0.41 -0.49	57.38 -0.21 -3.08	221.36 6.68 -7.24	248.57 14.10 -9.14	79.39 4.95 -3.73	68.20 4.01 -3.24	56.34 2.82 -3.54	53.46 2.25 -3.26	38.40 1.45 -1.29
FOX_HILLS___ESR 323835	36.70 1.91 0.00	31.13 1.58 0.00	23.16 1.10 0.00	25.31 1.13 0.00	26.82 1.19 0.00	32.43 1.48 0.00	32.35 1.77 -0.30	37.69 2.04 -0.80	32.41 1.90 0.00	31.68 1.77 -2.84	30.11 2.01 -2.61	26.68 1.84 -2.97	33.51 2.20 -5.00	35.52 2.32 -5.82	38.06 2.46 -6.33	41.30 2.43 -6.75	62.59 3.62 -4.47	231.17 13.33 -10.40	242.49 13.96 -3.20	75.87 4.38 -0.77	63.79 2.84 0.00	51.78 1.81 0.00	49.65 1.70 0.00	37.20 1.53 0.00
FPL_FAR_ROCK_GT1 24212	37.21 2.42 0.00	31.53 1.97 0.00	23.45 1.40 0.00	25.59 1.41 0.00	27.14 1.50 0.00	32.70 1.74 0.00	32.47 1.89 -0.30	37.74 2.09 -0.80	32.48 1.97 0.00	34.62 1.91 -5.64	52.01 2.28 -24.24	53.63 2.02 -29.73	52.60 2.38 -23.89	74.61 2.50 -44.74	83.63 2.68 -51.69	92.30 2.77 -57.41	143.75 4.12 -85.12	381.89 14.18 -160.26	243.90 12.94 -5.64	77.90 4.93 -2.26	64.32 3.36 -0.01	52.16 2.19 0.00	49.85 1.90 0.00	37.34 1.67 0.00
FPL_FAR_ROCK_GT2 23815	37.21 2.42 0.00	31.53 1.97 0.00	23.45 1.40 0.00	25.59 1.41 0.00	27.14 1.50 0.00	32.70 1.74 0.00	32.47 1.89 -0.30	37.74 2.09 -0.80	32.48 1.97 0.00	34.62 1.91 -5.64	52.01 2.28 -24.24	53.63 2.02 -29.73	52.60 2.38 -23.89	74.61 2.50 -44.74	83.63 2.68 -51.69	92.30 2.77 -57.41	143.75 4.12 -85.12	381.89 14.18 -160.26	243.90 12.94 -5.64	77.90 4.93 -2.26	64.32 3.36 -0.01	52.16 2.19 0.00	49.85 1.90 0.00	37.34 1.67 0.00
FRANKLIN_FALL_HYD 24054	35.51 0.73 0.00	30.00 0.45 0.00	22.29 0.23 0.00	24.39 0.20 0.00	25.87 0.23 0.00	31.36 0.41 0.00	30.59 0.31 0.00	35.38 0.52 0.00	31.09 0.58 0.00	27.73 0.66 0.00	25.89 0.40 0.00	21.99 0.12 0.00	26.28 -0.05 0.00	27.09 -0.29 0.00	28.76 -0.50 0.00	31.44 -0.69 0.00	53.73 -0.78 0.00	205.21 -2.24 0.00	225.63 0.30 0.00	71.37 -0.45 -1.10	62.48 0.03 -1.51	51.71 0.53 -1.21	48.92 0.97 0.00	36.50 0.83 0.00



FREEPORT_EQUS_GT1 23764	36.89 2.11 0.00	31.28 1.72 0.00	23.28 1.23 0.00	25.40 1.22 0.00	26.93 1.30 0.00	32.42 1.46 0.00	32.18 1.60 -0.30	37.20 1.81 -0.54	32.21 1.70 0.00	33.90 1.64 -5.19	48.32 2.02 -20.80	49.14 1.79 -25.48	49.28 2.07 -20.89	60.37 2.14 -30.84	66.40 2.20 -34.93	76.07 2.19 -41.76	102.22 3.13 -44.58	173.91 11.23 44.77	130.04 10.25 105.54	64.99 3.70 9.43	63.00 2.05 -0.01	51.37 1.40 0.00	49.41 1.46 0.00	37.03 1.36 0.00
FREEPORT___CT2 23818	36.89 2.11 0.00	31.28 1.72 0.00	23.28 1.23 0.00	25.40 1.22 0.00	26.93 1.30 0.00	32.42 1.46 0.00	32.18 1.60 -0.30	37.20 1.81 -0.54	32.21 1.70 0.00	33.90 1.64 -5.19	48.32 2.02 -20.80	49.14 1.79 -25.48	49.28 2.07 -20.89	60.37 2.14 -30.84	66.40 2.20 -34.93	76.07 2.19 -41.76	102.22 3.13 -44.58	173.91 11.23 44.77	130.04 10.25 105.54	64.99 3.70 9.43	63.00 2.05 -0.01	51.37 1.40 0.00	49.41 1.46 0.00	37.03 1.36 0.00
FRESHKLS_33_KV_LOAD 356253	36.70 1.92 0.00	31.14 1.58 0.00	23.16 1.10 0.00	25.32 1.13 0.00	26.83 1.20 0.00	32.43 1.48 0.00	32.35 1.78 -0.30	37.67 2.02 -0.80	32.40 1.88 0.00	31.64 1.73 -2.84	30.07 1.96 -2.61	26.63 1.80 -2.97	33.47 2.15 -5.00	35.47 2.27 -5.82	38.01 2.41 -6.33	41.23 2.35 -6.75	62.44 3.47 -4.47	230.83 12.99 -10.40	242.55 14.02 -3.20	75.89 4.40 -0.77	63.81 2.86 0.00	51.80 1.82 0.00	49.64 1.69 0.00	37.22 1.55 0.00
FULTON COGEN____ 23766	34.23 -0.66 -0.11	28.96 -0.59 0.00	21.60 -0.45 0.00	23.71 -0.47 0.00	25.13 -0.51 0.00	30.41 -0.55 0.00	29.89 -0.39 0.00	34.42 -0.43 0.00	30.13 -0.38 0.00	26.65 -0.42 0.00	25.15 -0.35 0.00	21.57 -0.29 0.00	25.96 -0.36 0.00	27.08 -0.34 -0.04	28.93 -0.33 0.00	32.78 -0.39 -1.05	60.43 -0.64 -6.56	221.45 -1.39 -15.41	243.45 -1.33 -19.45	78.25 -0.40 -7.93	67.19 -0.66 -6.90	56.77 -0.74 -7.54	54.08 -0.81 -6.94	37.74 -0.66 -2.74
FULTON___LFGE 323630	35.58 0.80 0.00	30.21 0.65 0.00	22.51 0.46 0.00	24.69 0.50 0.00	26.20 0.56 0.00	31.73 0.77 0.00	32.35 1.00 -1.07	38.88 1.18 -2.84	31.00 0.49 0.00	26.97 -0.11 0.00	25.30 -0.19 0.00	21.72 -0.15 0.00	26.16 -0.16 0.00	27.28 -0.09 0.00	29.16 -0.10 0.00	32.04 -0.09 0.00	54.84 0.33 0.00	223.94 5.68 -10.82	243.87 8.60 -9.94	74.80 2.87 -1.22	63.18 2.23 0.00	51.53 1.56 0.00	49.27 1.31 0.00	36.53 0.86 0.00
G.F.CEMENT___DRP 24184	36.18 1.40 0.00	30.83 1.28 0.00	23.02 0.97 0.00	25.23 1.04 0.00	26.75 1.12 0.00	32.40 1.45 0.00	34.08 1.80 -2.00	42.37 2.20 -5.32	32.05 1.54 0.00	28.45 0.87 -0.51	26.72 0.63 -0.60	23.11 0.56 -0.68	28.20 0.73 -1.16	29.51 0.79 -1.35	31.65 0.92 -1.47	35.07 1.39 -1.56	58.51 2.97 -1.03	242.69 13.32 -21.92	258.58 14.54 -18.71	77.68 4.59 -2.37	64.39 3.44 0.00	52.22 2.25 0.00	49.78 1.82 0.00	37.00 1.33 0.00
GARDENVILLE___LBMP 24039	33.59 -1.23 -0.03	28.36 -1.20 0.00	20.97 -1.08 0.00	23.28 -0.91 0.00	24.63 -1.00 0.00	29.81 -1.14 0.00	29.22 -1.06 0.00	33.00 -1.85 0.00	29.73 -0.78 0.00	32.91 -0.09 -5.93	32.20 0.10 -6.61	27.40 0.05 -5.49	25.55 0.03 0.80	26.58 0.20 1.00	28.14 -0.03 1.09	30.72 -0.60 0.81	53.86 -2.09 -1.44	204.52 -7.50 -4.58	221.64 -10.23 -6.55	70.08 -3.31 -2.67	60.21 -3.05 -2.32	49.85 -2.66 -2.54	48.32 -1.97 -2.34	35.03 -1.56 -0.92
GARDNVLA_35_KV_LD 355827	33.87 -0.94 -0.03	28.59 -0.96 0.00	21.13 -0.92 0.00	23.46 -0.72 0.00	24.81 -0.83 0.00	30.05 -0.91 0.00	29.45 -0.83 0.00	33.28 -1.57 0.00	30.00 -0.51 0.00	33.57 0.18 -6.33	32.90 0.35 -7.05	28.00 0.27 -5.87	25.87 0.32 0.77	26.91 0.50 0.97	28.51 0.30 1.06	31.13 -0.22 0.77	54.53 -1.42 -1.44	206.85 -5.13 -4.54	223.84 -7.95 -6.47	70.72 -2.64 -2.64	60.76 -2.47 -2.29	50.26 -2.22 -2.51	48.73 -1.53 -2.31	35.35 -1.23 -0.91
GELCKHM___115KV_LOAD 80723	34.49 -0.36 -0.06	29.21 -0.34 0.00	21.78 -0.27 0.00	23.91 -0.27 0.00	25.36 -0.28 0.00	30.68 -0.28 0.00	30.16 -0.12 0.00	34.70 -0.16 0.00	30.37 -0.14 0.00	26.89 -0.18 0.00	25.39 -0.10 0.00	21.79 -0.07 0.00	26.22 -0.10 0.00	27.36 -0.04 -0.02	29.24 -0.02 0.00	32.66 -0.04 -0.57	58.02 -0.09 -3.60	216.61 0.70 -8.46	236.73 0.73 -10.68	75.25 0.17 -4.36	64.61 -0.12 -3.79	53.75 -0.36 -4.14	51.32 -0.44 -3.81	36.80 -0.38 -1.50
GENERAL___MILLS 23808	33.75 -1.06 -0.03	28.50 -1.06 0.00	21.07 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.35 -0.92 0.00	33.15 -1.70 0.00	29.89 -0.62 0.00	33.41 0.07 -6.27	32.72 0.24 -6.99	27.84 0.17 -5.81	25.73 0.19 0.77	26.75 0.35 0.97	28.33 0.12 1.06	30.93 -0.42 0.78	54.15 -1.80 -1.44	205.44 -6.54 -4.55	222.40 -9.40 -6.48	70.27 -3.09 -2.64	60.40 -2.84 -2.30	50.00 -2.49 -2.51	48.50 -1.77 -2.31	35.21 -1.38 -0.91
GE_PLASTICS___DRP 24183	34.80 0.01 0.00	29.64 0.08 0.00	22.17 0.11 0.00	24.25 0.07 0.00	25.72 0.08 0.00	31.08 0.12 0.00	26.92 0.30 3.66	25.50 0.35 9.70	30.69 0.18 0.00	27.63 0.03 -0.52	26.22 0.05 -0.67	22.72 0.08 -0.77	27.70 0.08 -1.30	28.99 0.10 -1.52	31.04 0.13 -1.65	34.04 0.16 -1.76	55.69 0.04 -1.15	160.33 0.56 47.67	190.80 0.68 35.21	65.52 0.27 5.46	60.81 -0.14 0.00	49.74 -0.23 0.00	47.60 -0.36 0.00	35.47 -0.20 0.00
GILBOA___1 23756	35.40 0.62 0.00	30.21 0.66 0.00	22.60 0.55 0.00	24.76 0.57 0.00	26.24 0.61 0.00	31.64 0.69 0.00	31.07 0.80 0.00	35.70 0.85 0.00	31.21 0.70 0.00	27.64 0.57 0.00	26.14 0.65 0.00	22.48 0.62 0.00	27.05 0.73 0.00	28.18 0.80 0.00	30.15 0.89 0.00	33.06 0.94 0.00	55.82 1.31 0.00	211.15 3.71 0.00	229.02 3.69 0.00	72.04 1.32 0.00	61.66 0.72 0.00	50.45 0.47 0.00	48.40 0.44 0.00	36.09 0.42 0.00
GILBOA___2 23757	35.40 0.62 0.00	30.21 0.66 0.00	22.60 0.55 0.00	24.76 0.57 0.00	26.24 0.61 0.00	31.64 0.69 0.00	31.07 0.80 0.00	35.70 0.85 0.00	31.21 0.70 0.00	27.64 0.57 0.00	26.14 0.65 0.00	22.48 0.62 0.00	27.05 0.73 0.00	28.18 0.80 0.00	30.15 0.89 0.00	33.06 0.94 0.00	55.82 1.31 0.00	211.15 3.71 0.00	229.02 3.69 0.00	72.04 1.32 0.00	61.66 0.72 0.00	50.45 0.47 0.00	48.40 0.44 0.00	36.09 0.42 0.00
GILBOA___3 23758	35.40 0.62 0.00	30.21 0.66 0.00	22.60 0.55 0.00	24.76 0.57 0.00	26.24 0.61 0.00	31.64 0.69 0.00	31.07 0.80 0.00	35.70 0.85 0.00	31.21 0.70 0.00	27.64 0.57 0.00	26.14 0.65 0.00	22.48 0.62 0.00	27.05 0.73 0.00	28.18 0.80 0.00	30.15 0.89 0.00	33.06 0.94 0.00	55.82 1.31 0.00	211.15 3.71 0.00	229.02 3.69 0.00	72.04 1.32 0.00	61.66 0.72 0.00	50.45 0.47 0.00	48.40 0.44 0.00	36.09 0.42 0.00
GILBOA___4 23759	35.40 0.62 0.00	30.21 0.66 0.00	22.60 0.55 0.00	24.76 0.57 0.00	26.24 0.61 0.00	31.64 0.69 0.00	31.07 0.80 0.00	35.70 0.85 0.00	31.21 0.70 0.00	27.64 0.57 0.00	26.14 0.65 0.00	22.48 0.62 0.00	27.05 0.73 0.00	28.18 0.80 0.00	30.15 0.89 0.00	33.06 0.94 0.00	55.82 1.31 0.00	211.15 3.71 0.00	229.02 3.69 0.00	72.04 1.32 0.00	61.66 0.72 0.00	50.45 0.47 0.00	48.40 0.44 0.00	36.09 0.42 0.00

GILBOA____ 23599	35.40 0.62 0.00	30.21 0.66 0.00	22.60 0.55 0.00	24.76 0.58 0.00	26.24 0.61 0.00	31.64 0.69 0.00	31.07 0.80 0.00	35.70 0.85 0.00	31.21 0.70 0.00	27.64 0.57 0.00	26.14 0.65 0.00	22.48 0.61 0.00	27.06 0.74 0.00	28.18 0.80 0.00	30.15 0.89 0.00	33.06 0.94 0.00	55.82 1.31 0.00	211.14 3.70 0.00	229.02 3.70 0.00	72.03 1.31 0.00	61.65 0.71 0.00	50.44 0.47 0.00	48.39 0.43 0.00	36.08 0.41 0.00
GINNA____ 23603	32.92 -1.90 -0.03	27.88 -1.68 0.00	20.72 -1.33 0.00	22.82 -1.36 0.00	24.19 -1.45 0.00	29.32 -1.63 0.00	28.82 -1.46 0.00	32.70 -2.16 0.00	28.87 -1.64 0.00	22.26 -1.25 3.56	20.42 -1.09 3.99	17.58 -0.93 3.36	25.62 -0.67 0.04	26.75 -0.64 -0.01	28.58 -0.68 0.00	31.52 -0.96 -0.36	54.70 -2.05 -2.25	206.61 -6.12 -5.29	223.74 -8.26 -6.67	70.58 -2.86 -2.72	60.51 -2.80 -2.37	49.97 -2.59 -2.59	47.97 -2.37 -2.38	34.78 -1.83 -0.94
GLEN PARK____ 23778	35.06 0.22 -0.05	29.78 0.22 0.00	22.11 0.06 0.00	24.28 0.09 0.00	25.72 0.08 0.00	31.18 0.23 0.00	31.00 0.72 0.00	35.85 1.00 0.00	31.26 0.74 0.00	27.35 0.28 0.00	25.70 0.21 0.00	21.91 0.05 0.00	26.18 -0.14 0.00	27.17 -0.22 -0.02	29.03 -0.23 0.00	32.23 -0.40 -0.51	57.60 -0.14 -3.23	222.47 7.45 -7.58	250.43 15.54 -9.57	80.09 5.46 -3.90	68.78 4.44 -3.39	56.81 3.12 -3.71	53.87 2.50 -3.42	38.64 1.62 -1.35
GLENDALE_27_KV_LOAD 356172	36.82 2.04 0.00	31.26 1.70 0.00	23.26 1.21 0.00	25.43 1.24 0.00	26.95 1.31 0.00	32.58 1.62 0.00	32.48 1.90 -0.30	37.84 2.20 -0.80	32.58 2.07 0.00	31.86 1.95 -2.84	30.29 2.19 -2.61	26.83 1.99 -2.97	33.71 2.39 -5.00	35.72 2.52 -5.82	38.28 2.68 -6.33	41.59 2.72 -6.75	63.08 4.10 -4.47	232.58 14.74 -10.40	243.58 15.05 -3.20	76.19 4.70 -0.77	64.09 3.15 0.00	51.99 2.01 0.00	49.85 1.89 0.00	37.30 1.64 0.00
GLENWOOD_IC_1_G5 23712	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.40 1.45 0.00	32.23 1.66 -0.30	37.38 1.89 -0.64	32.29 1.78 0.00	34.59 1.68 -5.84	53.16 1.84 -25.82	55.22 1.67 -31.69	53.57 1.97 -25.28	69.48 2.06 -40.04	77.16 2.23 -45.67	88.68 2.28 -54.28	127.69 3.48 -69.71	276.89 12.45 -56.99	184.17 11.85 53.01	70.84 3.84 3.71	63.37 2.41 -0.01	51.41 1.44 0.00	49.46 1.50 0.00	37.07 1.40 0.00
GLENWOOD_IC_2_G1 23688	36.59 1.81 0.00	31.03 1.47 0.00	23.10 1.05 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.30 1.34 0.00	32.14 1.56 -0.30	37.46 1.81 -0.80	32.19 1.68 0.00	31.61 1.58 -2.96	30.95 1.86 -3.60	27.73 1.68 -4.19	34.14 1.97 -5.86	36.24 2.08 -6.78	38.90 2.25 -7.40	42.78 2.31 -8.35	64.13 3.50 -6.13	231.69 12.60 -11.66	240.74 12.20 -3.21	75.51 3.96 -0.83	63.48 2.53 0.00	51.54 1.56 0.00	49.39 1.43 0.00	36.95 1.28 0.00
GLENWOOD_IC_3_G1 23689	36.59 1.81 0.00	31.03 1.47 0.00	23.10 1.05 0.00	25.24 1.06 0.00	26.76 1.13 0.00	32.30 1.34 0.00	32.14 1.56 -0.30	37.46 1.81 -0.80	32.19 1.68 0.00	31.61 1.58 -2.96	30.95 1.86 -3.60	27.73 1.68 -4.19	34.14 1.97 -5.86	36.24 2.08 -6.78	38.90 2.25 -7.40	42.78 2.31 -8.35	64.13 3.50 -6.13	231.69 12.60 -11.66	240.74 12.20 -3.21	75.51 3.96 -0.83	63.48 2.53 0.00	51.54 1.56 0.00	49.39 1.43 0.00	36.95 1.28 0.00
GLENWOOD____4 23550	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.40 1.45 0.00	32.23 1.66 -0.30	37.38 1.89 -0.64	32.29 1.78 0.00	34.59 1.68 -5.84	53.22 1.91 -25.82	55.28 1.72 -31.69	53.64 2.04 -25.28	69.55 2.13 -40.04	77.23 2.30 -45.67	88.77 2.37 -54.28	127.83 3.61 -69.71	277.36 12.93 -56.99	184.68 12.35 53.01	70.99 3.99 3.71	63.50 2.55 -0.01	51.53 1.55 0.00	49.48 1.53 0.00	37.07 1.40 0.00
GLENWOOD____5 23614	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.40 1.45 0.00	32.23 1.66 -0.30	37.38 1.89 -0.64	32.29 1.78 0.00	34.59 1.68 -5.84	53.22 1.91 -25.82	55.28 1.72 -31.69	53.64 2.04 -25.28	69.55 2.13 -40.04	77.23 2.30 -45.67	88.77 2.37 -54.28	127.83 3.61 -69.71	277.36 12.93 -56.99	184.68 12.35 53.01	70.99 3.99 3.71	63.50 2.55 -0.01	51.53 1.55 0.00	49.48 1.53 0.00	37.07 1.40 0.00
GLOBAL GREEN_PORT_GT1 23814	36.46 1.67 0.00	31.13 1.58 0.00	23.20 1.15 0.00	25.28 1.10 0.00	26.90 1.27 0.00	32.42 1.46 0.00	32.04 1.46 -0.30	36.80 1.68 -0.27	32.06 1.56 0.00	31.20 1.50 -2.63	24.01 2.11 3.59	-3.55 1.87 27.28	26.84 2.01 1.50	43.63 1.91 -14.33	47.31 2.00 -16.05	48.11 1.95 -14.04	63.46 3.14 -5.81	63.20 11.40 155.64	72.15 9.87 163.04	45.61 2.79 27.90	49.54 1.28 12.69	43.27 0.32 7.02	46.38 0.11 1.68	36.20 0.53 0.00
GLOBE____DSASP 323697	33.20 -1.61 -0.03	28.12 -1.43 0.00	20.79 -1.26 0.00	23.11 -1.08 0.00	24.42 -1.22 0.00	29.53 -1.42 0.00	28.80 -1.48 0.00	32.40 -2.46 0.00	29.30 -1.21 0.00	33.37 -0.40 -6.70	32.66 -0.31 -7.47	27.80 -0.30 -6.23	25.24 -0.35 0.73	26.24 -0.22 0.92	27.70 -0.56 1.00	30.17 -1.24 0.72	52.07 -3.89 -1.45	196.68 -15.26 -4.50	212.33 -19.38 -6.38	67.24 -6.08 -2.60	57.88 -5.33 -2.26	48.10 -4.35 -2.47	46.93 -3.30 -2.28	34.45 -2.12 -0.90
GOETHSLN____LBMP 323567	36.44 1.65 0.00	30.91 1.35 0.00	22.99 0.94 0.00	25.13 0.95 0.00	26.65 1.01 0.00	32.20 1.25 0.00	32.11 1.53 -0.30	37.44 1.80 -0.80	32.20 1.69 0.00	31.50 1.59 -2.84	29.95 1.84 -2.62	26.54 1.69 -2.97	33.37 2.04 -5.01	35.36 2.16 -5.82	37.95 2.35 -6.34	41.25 2.37 -6.76	62.49 3.51 -4.47	230.67 12.82 -10.41	241.42 12.89 -3.20	75.49 4.00 -0.77	63.44 2.49 0.00	51.47 1.50 0.00	49.36 1.41 0.00	36.89 1.22 0.00
GOLAH____69_KV_TB 1_2 80279	34.59 -0.22 -0.03	29.28 -0.27 0.00	21.72 -0.33 0.00	23.97 -0.22 0.00	25.39 -0.24 0.00	30.79 -0.17 0.00	30.23 -0.04 0.00	34.44 -0.41 0.00	30.73 0.21 0.00	36.87 0.48 -9.32	36.11 0.54 -10.09	30.83 0.48 -8.48	26.28 0.52 0.56	27.33 0.70 0.75	29.06 0.62 0.82	31.94 0.34 0.52	56.04 -0.08 -1.61	213.83 1.72 -4.67	232.56 0.76 -6.48	73.38 0.02 -2.64	62.87 -0.37 -2.30	51.88 -0.60 -2.51	49.95 -0.32 -2.31	36.30 -0.28 -0.91
GOODYEAR_LAKE_HYD 323669	35.43 0.63 -0.02	30.07 0.51 0.00	22.42 0.37 0.00	24.62 0.43 0.00	26.12 0.48 0.00	31.56 0.61 0.00	31.41 0.81 -0.33	36.60 0.88 -0.87	31.31 0.80 0.00	27.08 0.69 0.69	25.53 0.84 0.80	21.73 0.78 0.92	25.75 0.98 1.55	26.66 1.06 1.78	28.46 1.13 1.94	31.36 1.14 1.90	55.96 1.80 0.34	219.72 7.03 -5.25	238.76 7.32 -6.11	74.66 2.26 -1.68	63.53 1.51 -1.08	52.03 0.88 -1.17	49.75 0.72 -1.08	36.59 0.49 -0.43
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.75 -0.06 -0.04	29.39 -0.16 0.00	21.90 -0.15 0.00	24.11 -0.07 0.00	25.56 -0.08 0.00	30.89 -0.06 0.00	30.47 0.19 0.00	34.92 0.07 0.00	30.64 0.13 0.00	27.93 0.14 -0.72	26.59 0.32 -0.77	22.58 0.30 -0.42	25.19 0.36 1.49	26.08 0.45 1.75	27.86 0.51 1.91	30.81 0.36 1.66	56.03 0.50 -1.02	213.62 1.69 -4.49	233.80 1.46 -7.01	74.01 0.43 -2.86	63.49 0.07 -2.48	52.42 -0.27 -2.72	50.22 -0.24 -2.50	36.35 -0.31 -0.99

GOUDEY___7 23579	34.75 -0.06 -0.04	29.39 -0.16 0.00	21.90 -0.15 0.00	24.11 -0.07 0.00	25.56 -0.08 0.00	30.89 -0.06 0.00	30.47 0.19 0.00	34.92 0.07 0.00	30.64 0.13 0.00	27.93 0.14 -0.72	26.59 0.32 -0.77	22.58 0.30 -0.42	25.19 0.36 1.49	26.08 0.45 1.75	27.86 0.51 1.91	30.81 0.36 1.66	56.03 0.50 -1.02	213.62 1.69 -4.49	233.80 1.46 -7.01	74.01 0.43 -2.86	63.49 0.07 -2.48	52.42 -0.27 -2.72	50.22 -0.24 -2.50	36.35 -0.31 -0.99
GOUDEY___8 23580	34.75 -0.06 -0.04	29.39 -0.16 0.00	21.90 -0.15 0.00	24.11 -0.07 0.00	25.56 -0.08 0.00	30.89 -0.06 0.00	30.47 0.19 0.00	34.92 0.07 0.00	30.64 0.13 0.00	27.93 0.14 -0.72	26.59 0.32 -0.77	22.58 0.30 -0.42	25.19 0.36 1.49	26.08 0.45 1.75	27.86 0.51 1.91	30.81 0.36 1.66	56.03 0.50 -1.02	213.62 1.69 -4.49	233.80 1.46 -7.01	74.01 0.43 -2.86	63.49 0.07 -2.48	52.42 -0.27 -2.72	50.22 -0.24 -2.50	36.35 -0.31 -0.99
GOWANUS_GT1_1 24077	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_2 24078	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_3 24079	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_4 24080	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_5 24084	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_6 24111	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_7 24112	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT1_8 24113	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_1 24114	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_2 24115	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_3 24116	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_4 24117	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_5 24118	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00

GOWANUS_GT2_6 24119	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_7 24120	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT2_8 24121	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_1 24122	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_2 24123	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_3 24124	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_4 24125	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_5 24126	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_6 24127	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_7 24128	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT3_8 24129	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_1 24130	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_2 24131	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_3 24132	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_4 24133	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00

GOWANUS_GT4_5 24134	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_6 24135	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_7 24136	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GOWANUS_GT4_8 24137	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GREATVR_69_KV_BK1 356245	37.03 2.25 0.00	31.38 1.83 0.00	23.37 1.32 0.00	25.49 1.31 0.00	27.02 1.38 0.00	32.54 1.58 0.00	32.23 1.65 -0.30	36.97 1.81 -0.30	32.22 1.71 0.00	32.53 1.71 -3.75	35.36 2.27 -7.59	22.69 2.00 1.17	37.47 2.29 -8.86	46.71 2.21 -17.12	50.57 2.38 -18.93	57.04 2.41 -22.50	75.04 3.60 -16.94	80.59 12.05 138.91	80.13 10.64 155.83	54.22 3.96 20.46	57.98 2.82 5.79	48.65 1.88 3.20	48.77 1.58 0.77	37.15 1.48 0.00
GREENBSH_115KV_TB3 55895	34.95 0.16 0.00	29.77 0.22 0.00	22.28 0.23 0.00	24.37 0.19 0.00	25.84 0.20 0.00	31.24 0.28 0.00	24.46 0.48 6.29	18.72 0.59 16.71	30.88 0.37 0.00	27.81 0.18 -0.56	26.37 0.18 -0.70	22.85 0.19 -0.79	27.85 0.18 -1.34	29.16 0.22 -1.56	31.23 0.27 -1.70	34.26 0.33 -1.81	56.05 0.34 -1.20	127.66 2.08 81.86	167.09 2.31 60.55	62.13 0.72 9.31	61.09 0.14 0.00	49.96 -0.02 0.00	47.78 -0.18 0.00	35.60 -0.07 0.00
GREENDGE_115KV_TB5 80291	34.43 -0.39 -0.04	29.09 -0.47 0.00	21.64 -0.42 0.00	23.87 -0.32 0.00	25.29 -0.34 0.00	30.64 -0.31 0.00	30.18 -0.10 0.00	34.48 -0.37 0.00	30.46 -0.06 0.00	27.63 0.00 -0.56	26.25 0.15 -0.60	22.37 0.09 -0.42	25.47 0.12 0.97	26.50 0.24 1.12	28.29 0.26 1.23	31.31 0.07 0.88	56.00 -0.33 -1.83	212.07 -1.03 -5.66	231.49 -1.84 -8.00	73.99 0.01 -3.26	63.54 -0.24 -2.84	52.56 -0.52 -3.10	50.30 -0.51 -2.86	36.21 -0.58 -1.13
GREENIDGE___3 23582	34.43 -0.39 -0.04	29.09 -0.47 0.00	21.64 -0.42 0.00	23.87 -0.32 0.00	25.29 -0.34 0.00	30.64 -0.31 0.00	30.18 -0.10 0.00	34.48 -0.37 0.00	30.46 -0.06 0.00	27.63 0.00 -0.56	26.25 0.15 -0.60	22.37 0.09 -0.42	25.47 0.12 0.97	26.50 0.24 1.12	28.29 0.26 1.23	31.31 0.07 0.88	56.00 -0.33 -1.83	212.07 -1.03 -5.66	231.49 -1.84 -8.00	73.99 0.01 -3.26	63.54 -0.24 -2.84	52.56 -0.52 -3.10	50.30 -0.51 -2.86	36.21 -0.58 -1.13
GREENIDGE___4 23583	34.44 -0.39 -0.04	29.09 -0.47 0.00	21.64 -0.42 0.00	23.87 -0.32 0.00	25.29 -0.34 0.00	30.64 -0.31 0.00	30.18 -0.10 0.00	34.48 -0.37 0.00	30.46 -0.06 0.00	27.63 -0.01 -0.56	26.25 0.16 -0.60	22.37 0.09 -0.42	25.51 0.16 0.97	26.51 0.25 1.12	28.30 0.27 1.23	31.31 0.07 0.88	56.00 -0.34 -1.83	212.04 -1.06 -5.66	231.47 -1.86 -8.00	73.99 0.01 -3.26	63.52 -0.27 -2.84	52.55 -0.53 -3.10	50.29 -0.52 -2.86	36.21 -0.59 -1.13
GREENLWN_69_KV_BK 3 55738	36.52 1.74 0.00	30.97 1.42 0.00	23.07 1.01 0.00	25.16 0.98 0.00	26.67 1.04 0.00	32.06 1.11 0.00	31.67 1.10 -0.30	36.28 1.14 -0.29	31.66 1.14 0.00	33.12 1.19 -4.86	45.99 1.66 -18.84	49.29 1.44 -25.98	47.26 1.62 -19.31	46.91 1.58 -17.95	50.43 1.73 -19.44	63.09 1.71 -29.25	82.65 2.53 -25.61	82.02 9.06 134.48	77.59 7.73 155.47	59.92 2.46 13.26	63.82 1.23 -1.65	51.35 0.47 -0.91	48.54 0.36 -0.22	36.48 0.81 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
GRISSOM___SOLAR 323813	35.72 0.94 0.00	30.33 0.77 0.00	22.62 0.57 0.00	24.79 0.60 0.00	26.31 0.67 0.00	31.87 0.91 0.00	32.50 1.13 -1.09	39.10 1.35 -2.90	31.06 0.55 0.00	26.92 -0.15 0.00	25.60 -0.24 -0.35	22.07 -0.19 -0.67	26.77 -0.22 -0.78	28.01 -0.15 -0.85	29.96 -0.16 -0.91	32.91 -0.12 -0.60	55.45 0.34 -11.49	225.03 6.10 -10.14	244.74 9.27 -10.14	75.05 3.09 -1.24	63.32 2.37 0.00	51.65 1.68 0.00	49.39 1.43 0.00	36.63 0.96 0.00
GROVEVILLE___HYD 323602	36.52 1.74 0.00	30.98 1.43 0.00	23.09 1.04 0.00	25.25 1.07 0.00	26.77 1.14 0.00	32.36 1.40 0.00	32.23 1.70 -0.25	37.52 2.01 -0.66	32.29 1.78 0.00	28.65 1.58 0.00	29.66 1.77 -2.40	26.20 1.59 -2.73	32.85 1.92 -4.61	34.80 2.06 -5.36	37.37 2.28 -5.84	40.79 2.45 -6.22	62.48 3.86 -4.12	231.19 14.62 -9.13	243.03 15.15 -2.55	76.11 4.73 -0.66	64.14 3.20 0.00	52.08 2.11 0.00	49.85 1.90 0.00	37.14 1.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.69 -0.16 -0.07	29.38 -0.18 0.00	21.90 -0.15 0.00	24.04 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.52 0.03 0.00	21.91 0.04 0.00	26.38 0.05 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.14 2.15 -10.55	240.99 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.38 -0.17 -1.88
HAMLTNNY_34_KV_TB 80303	34.75 -0.11 -0.07	29.42 -0.13 0.00	21.90 -0.15 0.00	24.07 -0.12 0.00	25.54 -0.10 0.00	30.92 -0.03 0.00	30.40 0.12 0.00	34.96 0.10 0.00	30.63 0.12 0.00	27.83 0.03 -0.73	26.40 0.09 -0.82	22.66 0.09 -0.70	26.44 0.11 -0.01	27.60 0.20 -0.02	29.45 0.19 0.00	33.03 0.19 -0.72	59.31 0.28 -4.53	220.62 2.55 -10.63	241.60 2.86 -13.42	76.96 0.77 -5.47	66.09 0.38 -4.76	55.16 -0.01 -5.20	52.67 -0.08 -4.79	37.42 -0.14 -1.89

HAMPSHIRE___PAPER_HYD 323593	35.06 0.25 -0.02	29.77 0.21 0.00	22.15 0.10 0.00	24.30 0.11 0.00	25.75 0.12 0.00	31.15 0.19 0.00	30.64 0.36 0.00	35.43 0.57 0.00	30.97 0.46 0.00	27.27 0.20 0.00	25.53 0.04 0.00	21.83 -0.04 0.00	26.16 -0.16 0.00	27.14 -0.25 -0.01	28.94 -0.32 0.00	31.92 -0.43 -0.23	55.56 -0.38 -1.44	212.74 1.93 -3.37	235.78 6.19 -4.25	74.63 2.18 -1.74	64.56 2.10 -1.51	53.49 1.87 -1.65	51.21 1.74 -1.52	37.45 1.18 -0.60
HARDSCRABBLE_WT_PWR 323673	36.47 1.69 0.00	31.01 1.45 0.00	23.16 1.11 0.00	25.39 1.21 0.00	26.93 1.29 0.00	32.62 1.67 0.00	32.19 1.92 0.00	37.12 2.27 0.00	31.93 1.42 0.00	27.71 0.64 0.00	26.11 0.62 0.00	22.44 0.57 0.00	26.99 0.67 0.00	28.11 0.73 0.00	30.11 0.85 0.00	33.16 1.03 0.00	56.66 2.15 0.00	219.49 12.05 0.00	240.34 15.01 0.00	75.45 4.73 0.00	64.50 3.56 0.00	52.48 2.51 0.00	49.95 2.00 0.00	36.99 1.32 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	36.36 1.57 0.00	30.81 1.25 0.00	22.93 0.87 0.00	25.06 0.88 0.00	26.59 0.95 0.00	32.13 1.17 0.00	32.00 1.46 -0.26	37.28 1.73 -0.70	32.01 1.50 0.00	21.97 1.36 6.45	30.26 1.61 -3.16	26.97 1.51 -3.59	34.22 1.85 -6.05	36.43 2.01 -7.05	39.19 2.26 -7.67	42.64 2.35 -8.17	63.55 3.63 -5.41	231.38 13.83 -10.10	242.41 14.43 -2.65	75.74 4.36 -0.66	63.76 2.81 0.00	51.71 1.73 0.00	49.53 1.57 0.00	36.89 1.22 0.00
HARSNRAD_115KV_TB1 81005	33.40 -1.41 -0.03	28.27 -1.29 0.00	20.90 -1.16 0.00	23.20 -0.98 0.00	24.54 -1.10 0.00	29.69 -1.27 0.00	28.88 -1.39 0.00	32.50 -2.35 0.00	29.37 -1.15 0.00	33.66 -0.41 -7.00	32.96 -0.34 -7.81	28.05 -0.33 -6.52	25.23 -0.38 0.71	26.30 -0.17 0.90	27.73 -0.55 0.99	30.25 -1.18 0.70	52.68 -3.30 -1.48	200.07 -11.93 -4.55	216.51 -15.25 -6.43	68.48 -4.86 -2.63	58.90 -4.33 -2.28	48.90 -3.57 -2.49	47.57 -2.68 -2.30	34.77 -1.80 -0.91
HARZA MOOSE___RIVER 24016	34.92 0.11 -0.02	29.65 0.09 0.00	22.09 0.04 0.00	24.24 0.05 0.00	25.69 0.05 0.00	31.11 0.15 0.00	30.71 0.43 0.00	35.47 0.62 0.00	31.02 0.51 0.00	27.34 0.27 0.00	25.75 0.26 0.00	22.06 0.20 0.00	26.43 0.11 0.00	27.49 0.10 0.00	29.41 0.15 0.00	32.51 0.18 -0.21	56.45 0.62 -1.33	216.81 6.25 -3.12	239.17 9.91 -3.94	75.60 3.27 -1.61	64.93 2.59 -1.40	53.33 1.83 -1.52	50.81 1.45 -1.41	37.18 0.96 -0.55
HDSNBRDG_115KV_BRDG_TB1 355580	34.48 -0.35 -0.05	29.21 -0.34 0.00	21.79 -0.27 0.00	23.92 -0.26 0.00	25.36 -0.28 0.00	30.68 -0.27 0.00	30.17 -0.11 0.00	34.69 -0.16 0.00	30.36 -0.15 0.00	26.89 -0.19 0.00	25.40 -0.09 0.00	21.81 -0.06 0.00	26.25 -0.07 0.00	27.39 -0.01 -0.02	29.28 0.02 0.00	32.64 0.00 -0.51	57.70 -0.04 -3.24	215.86 0.82 -7.60	235.68 0.77 -9.59	74.83 0.20 -3.91	64.21 -0.14 -3.40	53.30 -0.39 -3.72	50.91 -0.47 -3.42	36.65 -0.37 -1.35
HELLGATE_13_KV_LD 55870	36.92 2.13 0.00	31.33 1.78 0.00	23.32 1.27 0.00	25.50 1.31 0.00	27.02 1.38 0.00	32.65 1.70 0.00	32.55 1.97 -0.30	37.94 2.29 -0.80	32.65 2.14 0.00	31.94 2.03 -2.84	30.36 2.25 -2.61	26.88 2.04 -2.97	33.77 2.45 -5.00	35.79 2.59 -5.82	38.34 2.75 -6.33	41.65 2.78 -6.75	63.19 4.21 -4.47	232.97 15.13 -10.40	243.96 15.43 -3.20	76.33 4.84 -0.77	64.18 3.24 0.00	52.07 2.10 0.00	49.93 1.98 0.00	37.38 1.71 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.92 2.13 0.00	31.33 1.78 0.00	23.32 1.27 0.00	25.50 1.31 0.00	27.02 1.38 0.00	32.65 1.70 0.00	32.55 1.97 -0.30	37.94 2.29 -0.80	32.65 2.14 0.00	31.94 2.03 -2.84	30.36 2.25 -2.61	26.88 2.04 -2.97	33.77 2.45 -5.00	35.79 2.59 -5.82	38.34 2.75 -6.33	41.65 2.78 -6.75	63.19 4.21 -4.47	232.97 15.13 -10.40	243.96 15.43 -3.20	76.33 4.84 -0.77	64.18 3.24 0.00	52.07 2.10 0.00	49.93 1.98 0.00	37.38 1.71 0.00
HEMPSTEAD___ 23647	36.62 1.84 0.00	31.06 1.50 0.00	23.12 1.07 0.00	25.24 1.06 0.00	26.76 1.12 0.00	32.23 1.28 0.00	32.01 1.43 -0.30	37.04 1.63 -0.56	32.06 1.55 0.00	34.00 1.49 -5.44	50.04 1.85 -22.70	51.35 1.65 -27.83	50.78 1.91 -22.55	62.92 1.98 -33.56	69.42 2.12 -38.04	80.32 2.15 -46.05	112.10 3.21 -54.38	214.91 11.40 3.93	151.94 10.50 83.89	67.13 3.49 7.08	63.03 2.08 -0.01	51.20 1.23 0.00	49.13 1.17 0.00	36.82 1.15 0.00
HICKLING___1 23621	34.25 -0.57 -0.04	28.82 -0.73 0.00	21.46 -0.60 0.00	23.71 -0.47 0.00	25.12 -0.52 0.00	30.36 -0.60 0.00	30.12 -0.16 0.00	34.37 -0.48 0.00	30.39 -0.12 0.00	28.92 0.02 -1.83	27.86 0.35 -2.02	23.67 0.27 -1.54	25.42 0.28 1.18	26.38 0.41 1.40	28.11 0.39 1.55	30.93 0.06 1.25	55.86 -0.05 -1.40	212.38 -0.04 -4.98	231.94 -0.76 -7.37	73.48 -0.25 -3.00	63.06 -0.50 -2.61	52.05 -0.78 -2.86	49.93 -0.65 -2.63	35.80 -0.91 -1.04
HICKLING___2 23622	34.25 -0.57 -0.04	28.82 -0.73 0.00	21.46 -0.60 0.00	23.71 -0.47 0.00	25.12 -0.52 0.00	30.36 -0.60 0.00	30.12 -0.16 0.00	34.37 -0.48 0.00	30.39 -0.12 0.00	28.92 0.02 -1.83	27.86 0.35 -2.02	23.67 0.27 -1.54	25.42 0.28 1.18	26.38 0.41 1.40	28.11 0.39 1.55	30.93 0.06 1.25	55.86 -0.05 -1.40	212.38 -0.04 -4.98	231.94 -0.76 -7.37	73.48 -0.25 -3.00	63.06 -0.50 -2.61	52.05 -0.78 -2.86	49.93 -0.65 -2.63	35.80 -0.91 -1.04
HIGH FALLS___HY 23754	36.55 1.77 0.00	30.97 1.41 0.00	23.06 1.01 0.00	25.22 1.04 0.00	26.74 1.11 0.00	32.31 1.36 0.00	31.56 1.66 0.38	35.81 1.97 1.01	32.24 1.73 0.00	27.43 1.50 1.14	28.20 1.62 -1.09	24.59 1.48 -1.24	30.26 1.84 -2.11	31.81 1.97 -2.46	34.14 2.20 -2.67	37.31 2.33 -2.85	60.14 3.75 -1.89	220.41 14.46 1.49	237.26 15.45 3.52	75.25 4.86 0.33	64.22 3.27 0.00	52.07 2.09 0.00	49.87 1.91 0.00	37.13 1.46 0.00
HIGH_RIVER___SOLAR 323847	35.62 0.83 0.00	30.24 0.69 0.00	22.56 0.51 0.00	24.72 0.54 0.00	26.23 0.59 0.00	31.74 0.79 0.00	32.37 0.98 -1.11	38.93 1.12 -2.96	30.96 0.44 0.00	27.42 0.03 -0.32	25.84 -0.04 -0.38	22.29 -0.01 -0.43	27.05 0.00 -0.74	28.30 0.06 -0.86	30.26 0.07 -0.93	33.25 0.13 -1.00	55.57 0.40 -0.66	223.95 4.76 -11.74	243.94 8.26 -10.35	74.77 2.79 -1.26	63.06 2.11 0.00	51.43 1.46 0.00	49.19 1.24 0.00	36.52 0.85 0.00
HILLBURN___GT 23639	36.29 1.50 0.00	30.75 1.20 0.00	22.87 0.82 0.00	25.00 0.82 0.00	26.53 0.89 0.00	32.06 1.11 0.00	31.94 1.39 -0.27	37.24 1.66 -0.72	31.97 1.46 0.00	21.56 1.33 6.84	30.91 1.61 -3.81	27.70 1.50 -4.34	35.43 1.80 -7.31	37.83 1.94 -8.51	40.69 2.17 -9.26	44.19 2.19 -9.87	64.35 3.30 -6.54	231.21 12.57 -11.20	241.08 12.99 -2.76	75.37 3.97 -0.68	63.43 2.48 0.00	51.44 1.47 0.00	49.31 1.36 0.00	36.76 1.09 0.00
HILLSIDE_115KV_TB1 80332	34.00 -0.82 -0.04	28.63 -0.93 0.00	21.32 -0.74 0.00	23.55 -0.63 0.00	24.95 -0.69 0.00	30.13 -0.82 0.00	29.85 -0.42 0.00	34.10 -0.75 0.00	29.97 -0.54 0.00	28.32 -0.37 -1.62	27.25 -0.03 -1.78	23.13 -0.02 -1.28	25.07 -0.01 1.24	26.02 0.10 1.46	27.80 0.14 1.60	30.60 -0.22 1.31	55.37 -0.49 -1.36	209.70 -2.68 -4.94	228.99 -3.69 -7.35	72.53 -1.18 -3.00	62.36 -1.19 -2.61	51.50 -1.32 -2.85	49.45 -1.13 -2.62	35.51 -1.19 -1.03

HISHELDN_WT_PWR 323625	33.29 -1.52 -0.03	28.06 -1.49 0.00	20.80 -1.26 0.00	23.07 -1.11 0.00	24.43 -1.21 0.00	29.50 -1.45 0.00	29.01 -1.27 0.00	32.81 -2.04 0.00	29.45 -1.06 0.00	32.02 -0.41 -5.36	31.32 -0.14 -5.97	26.64 -0.16 -4.94	25.30 -0.17 0.85	26.29 -0.04 1.05	27.84 -0.27 1.15	30.43 -0.83 0.86	53.64 -2.30 -1.44	204.20 -7.88 -4.64	222.01 -9.98 -6.66	70.31 -3.12 -2.72	60.40 -2.90 -2.36	50.01 -2.55 -2.58	48.28 -2.05 -2.38	34.76 -1.85 -0.94
HOLTSVILLE_IC_1 23690	36.39 1.61 0.00	30.89 1.33 0.00	23.03 0.98 0.00	25.09 0.91 0.00	26.62 0.98 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.32 1.20 -0.27	31.65 1.15 0.00	30.79 1.10 -2.62	23.43 1.65 3.71	-4.21 1.45 27.53	26.30 1.59 1.61	43.18 1.57 -14.22	46.82 1.64 -15.92	47.60 1.61 -13.88	62.38 2.34 -5.53	58.70 7.91 156.65	68.51 6.77 163.59	45.06 2.35 28.01	49.31 1.11 12.75	43.33 0.40 7.05	46.55 0.28 1.69	36.37 0.70 0.00
HOLTSVILLE_IC_10 23699	36.53 1.75 0.00	31.00 1.45 0.00	23.11 1.06 0.00	25.17 0.99 0.00	26.71 1.07 0.00	32.14 1.18 0.00	31.80 1.22 -0.30	36.48 1.35 -0.28	31.79 1.29 0.00	31.01 1.23 -2.71	24.47 1.77 2.79	-2.08 1.56 25.50	27.28 1.72 0.76	43.83 1.72 -14.73	47.57 1.81 -16.49	48.78 1.81 -14.85	64.24 2.68 -7.05	64.38 9.04 152.10	72.03 7.92 161.21	46.19 2.75 27.28	50.20 1.50 12.25	43.89 0.70 6.78	46.88 0.55 1.63	36.54 0.87 0.00
HOLTSVILLE_IC_2 23691	36.39 1.61 0.00	30.89 1.33 0.00	23.03 0.98 0.00	25.09 0.91 0.00	26.62 0.98 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.32 1.20 -0.27	31.65 1.15 0.00	30.79 1.10 -2.62	23.43 1.65 3.71	-4.21 1.45 27.53	26.30 1.59 1.61	43.18 1.57 -14.22	46.82 1.64 -15.92	47.60 1.61 -13.88	62.38 2.34 -5.53	58.70 7.91 156.65	68.51 6.77 163.59	45.06 2.35 28.01	49.31 1.11 12.75	43.33 0.40 7.05	46.55 0.28 1.69	36.37 0.70 0.00
HOLTSVILLE_IC_3 23692	36.39 1.61 0.00	30.89 1.33 0.00	23.03 0.98 0.00	25.09 0.91 0.00	26.62 0.98 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.32 1.20 -0.27	31.65 1.15 0.00	30.79 1.10 -2.62	23.43 1.65 3.71	-4.21 1.45 27.53	26.30 1.59 1.61	43.18 1.57 -14.22	46.82 1.64 -15.92	47.60 1.61 -13.88	62.38 2.34 -5.53	58.70 7.91 156.65	68.51 6.77 163.59	45.06 2.35 28.01	49.31 1.11 12.75	43.33 0.40 7.05	46.55 0.28 1.69	36.37 0.70 0.00
HOLTSVILLE_IC_4 23693	36.39 1.61 0.00	30.89 1.33 0.00	23.03 0.98 0.00	25.09 0.91 0.00	26.62 0.98 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.32 1.20 -0.27	31.65 1.15 0.00	30.79 1.10 -2.62	23.43 1.65 3.71	-4.21 1.45 27.53	26.30 1.59 1.61	43.18 1.57 -14.22	46.82 1.64 -15.92	47.60 1.61 -13.88	62.38 2.34 -5.53	58.70 7.91 156.65	68.51 6.77 163.59	45.06 2.35 28.01	49.31 1.11 12.75	43.33 0.40 7.05	46.55 0.28 1.69	36.37 0.70 0.00
HOLTSVILLE_IC_5 23694	36.39 1.61 0.00	30.89 1.33 0.00	23.03 0.98 0.00	25.09 0.91 0.00	26.62 0.98 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.32 1.20 -0.27	31.65 1.15 0.00	30.79 1.10 -2.62	23.43 1.65 3.71	-4.21 1.45 27.53	26.30 1.59 1.61	43.18 1.57 -14.22	46.82 1.64 -15.92	47.60 1.61 -13.88	62.38 2.34 -5.53	58.70 7.91 156.65	68.51 6.77 163.59	45.06 2.35 28.01	49.31 1.11 12.75	43.33 0.40 7.05	46.55 0.28 1.69	36.37 0.70 0.00
HOLTSVILLE_IC_6 23695	36.53 1.75 0.00	31.00 1.45 0.00	23.11 1.06 0.00	25.17 0.99 0.00	26.71 1.07 0.00	32.14 1.18 0.00	31.80 1.22 -0.30	36.48 1.35 -0.28	31.79 1.29 0.00	31.01 1.23 -2.71	24.47 1.77 2.79	-2.08 1.56 25.50	27.28 1.72 0.76	43.83 1.72 -14.73	47.57 1.81 -16.49	48.78 1.81 -14.85	64.24 2.68 -7.05	64.38 9.04 152.10	72.03 7.92 161.21	46.19 2.75 27.28	50.20 1.50 12.25	43.89 0.70 6.78	46.88 0.55 1.63	36.54 0.87 0.00
HOLTSVILLE_IC_7 23696	36.53 1.75 0.00	31.00 1.45 0.00	23.11 1.06 0.00	25.17 0.99 0.00	26.71 1.07 0.00	32.14 1.18 0.00	31.80 1.22 -0.30	36.48 1.35 -0.28	31.79 1.29 0.00	31.01 1.23 -2.71	24.47 1.77 2.79	-2.08 1.56 25.50	27.28 1.72 0.76	43.83 1.72 -14.73	47.57 1.81 -16.49	48.78 1.81 -14.85	64.24 2.68 -7.05	64.38 9.04 152.10	72.03 7.92 161.21	46.19 2.75 27.28	50.20 1.50 12.25	43.89 0.70 6.78	46.88 0.55 1.63	36.54 0.87 0.00
HOLTSVILLE_IC_8 23697	36.53 1.75 0.00	31.00 1.45 0.00	23.11 1.06 0.00	25.17 0.99 0.00	26.71 1.07 0.00	32.14 1.18 0.00	31.80 1.22 -0.30	36.48 1.35 -0.28	31.79 1.29 0.00	31.01 1.23 -2.71	24.47 1.77 2.79	-2.08 1.56 25.50	27.28 1.72 0.76	43.83 1.72 -14.73	47.57 1.81 -16.49	48.78 1.81 -14.85	64.24 2.68 -7.05	64.38 9.04 152.10	72.03 7.92 161.21	46.19 2.75 27.28	50.20 1.50 12.25	43.89 0.70 6.78	46.88 0.55 1.63	36.54 0.87 0.00
HOLTSVILLE_IC_9 23698	36.53 1.75 0.00	31.00 1.45 0.00	23.11 1.06 0.00	25.17 0.99 0.00	26.71 1.07 0.00	32.14 1.18 0.00	31.80 1.22 -0.30	36.48 1.35 -0.28	31.79 1.29 0.00	31.01 1.23 -2.71	24.47 1.77 2.79	-2.08 1.56 25.50	27.28 1.72 0.76	43.83 1.72 -14.73	47.57 1.81 -16.49	48.78 1.81 -14.85	64.24 2.68 -7.05	64.38 9.04 152.10	72.03 7.92 161.21	46.19 2.75 27.28	50.20 1.50 12.25	43.89 0.70 6.78	46.88 0.55 1.63	36.54 0.87 0.00
HOMER_HL_115KV_TB2 355744	33.84 -0.98 -0.03	28.68 -0.88 0.00	21.19 -0.87 0.00	23.50 -0.68 0.00	24.89 -0.75 0.00	30.19 -0.76 0.00	29.73 -0.54 0.00	33.89 -0.96 0.00	30.44 -0.07 0.00	33.18 0.37 -5.74	32.59 0.70 -6.40	27.63 0.47 -5.30	25.82 0.34 0.84	26.62 0.29 1.05	28.23 0.12 1.14	30.80 -0.46 0.86	54.27 -1.66 -1.42	205.49 -6.54 -4.59	223.01 -8.91 -6.59	70.39 -3.02 -2.69	60.37 -2.91 -2.34	50.14 -2.38 -2.56	48.69 -1.61 -2.35	35.31 -1.29 -0.93
HOWARD_WT_PWR 323690	32.85 -1.97 -0.04	27.57 -1.99 0.00	20.52 -1.53 0.00	22.73 -1.45 0.00	24.06 -1.58 0.00	29.22 -1.73 0.00	29.14 -1.14 0.00	32.99 -1.86 0.00	29.12 -1.39 0.00	30.32 -0.73 -3.98	29.73 -0.19 -4.43	25.24 -0.25 -3.62	24.96 -0.42 0.94	26.22 -0.06 1.11	27.84 -0.21 1.21	30.57 -0.64 0.92	54.64 -1.35 -1.48	208.68 -3.57 -4.80	229.03 -3.21 -6.91	72.46 -1.08 -2.82	61.73 -1.67 -2.45	51.03 -1.62 -2.68	48.74 -1.68 -2.47	34.72 -1.92 -0.97
HQ_GEN_CEDARS 23644	35.32 0.54 0.00	30.00 0.45 0.00	22.34 0.29 0.00	24.51 0.33 0.00	25.98 0.35 0.00	31.35 0.40 0.00	30.47 0.19 0.00	35.08 0.24 0.00	30.75 0.24 0.00	27.35 0.28 0.00	25.53 0.03 0.00	21.84 -0.03 0.00	26.31 -0.02 0.00	27.29 -0.09 0.00	29.05 -0.21 0.00	31.89 -0.23 0.00	54.39 -0.11 0.00	206.76 -0.68 0.00	225.38 0.05 0.00	70.74 0.02 0.00	61.60 0.65 0.00	50.89 0.92 0.00	49.03 1.07 0.00	36.46 0.79 0.00
HQ_GEN_CEDARS_PROXY 323590	35.32 0.54 0.00	30.00 0.44 0.00	18.85 0.29 3.49	23.63 0.33 0.88	25.25 0.35 0.73	31.35 0.40 0.00	30.47 0.19 0.00	35.09 0.24 0.00	30.75 0.24 0.00	27.35 0.28 0.00	25.53 0.03 0.00	21.84 -0.03 0.00	23.10 -0.02 3.21	27.29 -0.09 0.00	29.05 -0.21 0.00	31.90 -0.22 0.00	54.40 -0.11 0.00	206.79 -0.65 0.00	225.38 0.06 0.00	70.74 0.02 0.00	61.60 0.65 0.00	50.89 0.92 0.00	49.02 1.07 0.00	36.46 0.79 0.00

HQ_GEN_IMPORT 323601	34.96 0.18 0.00	29.71 0.15 0.00	22.15 0.10 0.00	24.29 0.11 0.00	25.75 0.11 0.00	31.04 0.09 0.00	31.68 -0.12 -1.53	34.71 -0.14 0.00	30.44 -0.07 0.00	27.10 0.03 0.00	25.41 -0.08 0.00	21.76 -0.11 0.00	26.21 -0.11 0.00	27.21 -0.17 0.00	29.04 -0.22 0.00	31.88 -0.24 0.00	54.25 -0.26 0.00	205.70 -1.74 0.00	223.53 -1.80 0.00	70.17 -0.55 0.00	60.95 0.00 0.00	50.28 0.30 0.00	49.75 0.42 -1.38	33.49 0.30 2.49
HQ_GEN_WHEEL 23651	34.96 0.18 0.00	29.71 0.15 0.00	22.15 0.10 0.00	24.29 0.11 0.00	25.75 0.11 0.00	31.04 0.09 0.00	31.68 -0.12 -1.53	34.71 -0.14 0.00	30.44 -0.07 0.00	27.10 0.03 0.00	25.41 -0.08 0.00	21.76 -0.11 0.00	26.21 -0.11 0.00	27.21 -0.17 0.00	29.04 -0.22 0.00	31.88 -0.24 0.00	54.25 -0.26 0.00	205.70 -1.74 0.00	223.53 -1.80 0.00	70.17 -0.55 0.00	60.95 0.00 0.00	50.28 0.30 0.00	49.75 0.42 -1.38	33.49 0.30 2.49
HUDSON AVE_GT_3 23810	36.68 1.90 0.00	31.11 1.55 0.00	23.14 1.09 0.00	25.30 1.12 0.00	26.82 1.19 0.00	32.42 1.46 0.00	32.32 1.74 -0.30	37.69 2.04 -0.80	32.42 1.91 0.00	31.71 1.80 -2.84	30.14 2.03 -2.62	26.70 1.85 -2.97	33.56 2.23 -5.01	35.57 2.36 -5.82	38.15 2.55 -6.34	41.47 2.60 -6.76	62.90 3.93 -4.47	232.04 14.19 -10.41	242.87 14.34 -3.20	75.97 4.48 -0.77	63.89 2.95 0.00	51.83 1.85 0.00	49.69 1.74 0.00	37.16 1.49 0.00
HUDSON AVE_GT_4 23540	36.68 1.90 0.00	31.11 1.55 0.00	23.14 1.09 0.00	25.30 1.12 0.00	26.82 1.19 0.00	32.42 1.46 0.00	32.32 1.74 -0.30	37.69 2.04 -0.80	32.42 1.91 0.00	31.71 1.80 -2.84	30.14 2.03 -2.62	26.70 1.85 -2.97	33.56 2.23 -5.01	35.57 2.36 -5.82	38.15 2.55 -6.34	41.47 2.60 -6.76	62.90 3.93 -4.47	232.04 14.19 -10.41	242.87 14.34 -3.20	75.97 4.48 -0.77	63.89 2.95 0.00	51.83 1.85 0.00	49.69 1.74 0.00	37.16 1.49 0.00
HUDSON AVE_GT_5 23657	36.68 1.90 0.00	31.11 1.55 0.00	23.14 1.09 0.00	25.30 1.12 0.00	26.82 1.19 0.00	32.42 1.46 0.00	32.32 1.74 -0.30	37.69 2.04 -0.80	32.42 1.91 0.00	31.71 1.80 -2.84	30.14 2.03 -2.62	26.70 1.85 -2.97	33.56 2.23 -5.01	35.57 2.36 -5.82	38.15 2.55 -6.34	41.47 2.60 -6.76	62.90 3.93 -4.47	232.04 14.19 -10.41	242.87 14.34 -3.20	75.97 4.48 -0.77	63.89 2.95 0.00	51.83 1.85 0.00	49.69 1.74 0.00	37.16 1.49 0.00
HUDSON_AVE_10 24168	36.52 1.73 0.00	30.97 1.41 0.00	23.03 0.98 0.00	25.18 1.00 0.00	26.69 1.06 0.00	32.28 1.32 0.00	32.17 1.60 -0.30	37.53 1.88 -0.80	32.28 1.77 0.00	31.57 1.66 -2.84	29.98 1.87 -2.61	26.57 1.73 -2.97	33.40 2.08 -5.01	35.40 2.20 -5.82	37.97 2.37 -6.34	41.28 2.40 -6.76	62.59 3.61 -4.47	230.78 12.93 -10.41	241.57 13.04 -3.20	75.55 4.06 -0.77	63.54 2.59 0.00	51.58 1.60 0.00	49.47 1.51 0.00	37.01 1.34 0.00
HUDSON___115KV_TB 4 355613	35.37 0.58 0.00	30.11 0.55 0.00	22.52 0.47 0.00	24.64 0.46 0.00	26.14 0.50 0.00	31.62 0.67 0.00	26.79 0.91 4.40	24.28 1.10 11.67	31.24 0.73 0.00	27.77 0.31 -0.39	26.48 0.22 -0.77	22.94 0.20 -0.88	28.01 0.21 -1.48	29.35 0.24 -1.73	31.44 0.30 -1.88	34.54 0.42 -2.00	56.53 0.70 -1.32	155.80 5.12 56.76	189.82 6.78 42.28	66.36 2.14 6.50	62.27 1.32 0.00	50.86 0.89 0.00	48.57 0.61 0.00	36.12 0.46 0.00
HUNTER MOUNT___DRP 323613	35.31 0.53 0.00	30.06 0.51 0.00	22.49 0.43 0.00	24.61 0.43 0.00	26.10 0.46 0.00	31.59 0.64 0.00	27.80 0.90 3.38	26.99 1.12 8.97	31.23 0.71 0.00	27.33 0.26 0.00	26.47 0.12 -0.86	22.94 0.09 -0.98	28.06 0.08 -1.66	29.42 0.10 -1.94	31.54 0.16 -2.11	34.69 0.32 -2.25	56.61 0.62 -1.48	169.56 5.15 43.04	199.65 6.82 32.50	67.91 2.16 4.97	62.30 1.36 0.00	50.90 0.93 0.00	48.57 0.61 0.00	36.10 0.43 0.00
HUNTINGTON_RES_REC 323705	36.52 1.74 0.00	30.97 1.42 0.00	23.07 1.02 0.00	25.14 0.96 0.00	26.67 1.03 0.00	32.06 1.11 0.00	31.70 1.12 -0.30	36.33 1.20 -0.28	31.68 1.18 0.00	29.36 1.17 -1.12	8.19 1.69 19.00	-41.19 1.47 64.52	12.12 1.63 15.82	46.53 1.61 -17.53	50.29 1.77 -19.26	66.07 1.76 -32.19	85.96 2.60 -28.85	78.59 8.95 137.80	74.67 7.71 158.37	63.36 2.57 9.94	67.72 1.36 -5.41	53.53 0.56 -2.99	49.12 0.45 -0.72	36.49 0.82 0.00
HUNTLEY___63 23557	33.75 -1.06 -0.03	28.55 -1.00 0.00	21.09 -0.96 0.00	23.43 -0.75 0.00	24.78 -0.86 0.00	30.02 -0.94 0.00	29.31 -0.97 0.00	33.01 -1.84 0.00	29.84 -0.68 0.00	33.80 0.04 -6.69	33.09 0.13 -7.46	28.18 0.09 -6.22	25.70 0.12 0.74	26.76 0.31 0.93	28.21 -0.04 1.01	30.73 -0.66 0.73	53.42 -2.55 -1.46	202.32 -9.66 -4.53	218.69 -13.07 -6.43	69.16 -4.18 -2.62	59.52 -3.71 -2.28	49.42 -3.05 -2.49	48.12 -2.13 -2.30	35.16 -1.41 -0.90
HUNTLEY___64 23558	33.75 -1.06 -0.03	28.55 -1.00 0.00	21.09 -0.96 0.00	23.43 -0.75 0.00	24.78 -0.86 0.00	30.02 -0.94 0.00	29.31 -0.97 0.00	33.01 -1.84 0.00	29.84 -0.68 0.00	33.80 0.04 -6.69	33.09 0.13 -7.46	28.18 0.09 -6.22	25.70 0.12 0.74	26.76 0.31 0.93	28.21 -0.04 1.01	30.73 -0.66 0.73	53.42 -2.55 -1.46	202.32 -9.66 -4.53	218.69 -13.07 -6.43	69.16 -4.18 -2.62	59.52 -3.71 -2.28	49.42 -3.05 -2.49	48.12 -2.13 -2.30	35.16 -1.41 -0.90
HUNTLEY___65 23559	33.75 -1.06 -0.03	28.55 -1.00 0.00	21.09 -0.96 0.00	23.43 -0.75 0.00	24.78 -0.86 0.00	30.02 -0.94 0.00	29.31 -0.97 0.00	33.01 -1.84 0.00	29.84 -0.68 0.00	33.80 0.04 -6.69	33.09 0.13 -7.46	28.18 0.09 -6.22	25.70 0.12 0.74	26.76 0.31 0.93	28.21 -0.04 1.01	30.73 -0.66 0.73	53.42 -2.55 -1.46	202.32 -9.66 -4.53	218.69 -13.07 -6.43	69.16 -4.18 -2.62	59.52 -3.71 -2.28	49.42 -3.05 -2.49	48.12 -2.13 -2.30	35.16 -1.41 -0.90
HUNTLEY___66 23560	33.75 -1.06 -0.03	28.55 -1.00 0.00	21.09 -0.96 0.00	23.43 -0.75 0.00	24.78 -0.86 0.00	30.02 -0.94 0.00	29.31 -0.97 0.00	33.01 -1.84 0.00	29.84 -0.68 0.00	33.80 0.04 -6.69	33.09 0.13 -7.46	28.18 0.09 -6.22	25.70 0.12 0.74	26.76 0.31 0.93	28.21 -0.04 1.01	30.73 -0.66 0.73	53.42 -2.55 -1.46	202.32 -9.66 -4.53	218.69 -13.07 -6.43	69.16 -4.18 -2.62	59.52 -3.71 -2.28	49.42 -3.05 -2.49	48.12 -2.13 -2.30	35.16 -1.41 -0.90
HUNTLEY___67 23561	33.51 -1.30 -0.03	28.34 -1.22 0.00	20.95 -1.11 0.00	23.26 -0.92 0.00	24.61 -1.03 0.00	29.78 -1.17 0.00	29.11 -1.17 0.00	32.83 -2.02 0.00	29.64 -0.87 0.00	33.44 -0.15 -6.51	32.75 -0.01 -7.26	27.87 -0.04 -6.05	25.52 -0.05 0.75	26.53 0.09 0.94	28.05 -0.18 1.03	30.61 -0.76 0.74	53.42 -2.53 -1.44	202.62 -9.33 -4.51	219.07 -12.66 -6.41	69.25 -4.09 -2.61	59.53 -3.68 -2.27	49.33 -3.12 -2.49	47.94 -2.31 -2.29	34.93 -1.64 -0.90
HUNTLEY___68 23562	33.51 -1.30 -0.03	28.34 -1.22 0.00	20.95 -1.11 0.00	23.26 -0.92 0.00	24.61 -1.03 0.00	29.78 -1.17 0.00	29.11 -1.17 0.00	32.83 -2.02 0.00	29.64 -0.87 0.00	33.44 -0.15 -6.51	32.75 -0.01 -7.26	27.87 -0.04 -6.05	25.52 -0.05 0.75	26.53 0.09 0.94	28.05 -0.18 1.03	30.61 -0.76 0.74	53.42 -2.53 -1.44	202.62 -9.33 -4.51	219.07 -12.66 -6.41	69.25 -4.09 -2.61	59.53 -3.68 -2.27	49.33 -3.12 -2.49	47.94 -2.31 -2.29	34.93 -1.64 -0.90



HYLAND___LFGE 323620	35.39 0.57 -0.03	29.82 0.27 0.00	22.13 0.08 0.00	24.44 0.25 0.00	25.90 0.26 0.00	31.43 0.48 0.00	31.25 0.97 0.00	35.73 0.88 0.00	31.53 1.02 0.00	33.37 0.55 -5.76	32.61 0.70 -6.42	27.81 0.61 -5.33	26.31 0.79 0.80	27.26 0.87 0.99	29.00 0.82 1.08	31.92 0.58 0.78	56.45 0.41 -1.54	216.68 4.46 -4.79	241.79 9.66 -6.80	76.91 3.42 -2.78	65.87 2.51 -2.41	54.28 1.68 -2.64	51.98 1.60 -2.43	37.29 0.66 -0.96
INDECK___CORINTH 23802	35.71 0.92 0.00	30.46 0.90 0.00	22.74 0.69 0.00	24.91 0.73 0.00	26.41 0.78 0.00	31.95 0.99 0.00	33.48 1.32 -1.88	41.49 1.64 -5.00	31.58 1.07 0.00	28.06 0.50 -0.50	26.38 0.30 -0.59	22.82 0.28 -0.67	27.85 0.39 -1.14	29.15 0.45 -1.33	31.25 0.55 -1.45	34.62 0.96 -1.54	57.73 2.20 -1.02	238.27 10.29 -20.54	254.12 11.22 -17.57	76.49 3.55 -2.22	63.46 2.52 0.00	51.50 1.52 0.00	49.12 1.16 0.00	36.49 0.82 0.00
INDECK___ILION 23567	35.71 0.93 0.00	30.35 0.79 0.00	22.66 0.61 0.00	24.85 0.66 0.00	26.35 0.71 0.00	31.87 0.92 0.00	31.38 1.10 0.00	36.15 1.30 0.00	31.33 0.82 0.00	27.45 0.38 0.00	25.88 0.38 0.00	22.22 0.36 0.00	26.74 0.42 0.00	27.84 0.46 0.00	29.80 0.55 0.00	32.78 0.66 0.00	55.84 1.33 0.00	214.68 7.24 0.00	234.23 8.91 0.00	73.54 2.82 0.00	62.98 2.04 0.00	51.37 1.40 0.00	49.07 1.11 0.00	36.41 0.74 0.00
INDECK___OLEAN 23982	33.84 -0.98 -0.03	28.68 -0.88 0.00	21.19 -0.87 0.00	23.50 -0.68 0.00	24.89 -0.75 0.00	30.19 -0.76 0.00	29.74 -0.54 0.00	33.90 -0.96 0.00	30.44 -0.07 0.00	33.17 0.36 -5.74	32.60 0.71 -6.40	27.63 0.47 -5.30	25.92 0.44 0.84	26.66 0.32 1.05	28.25 0.13 1.14	30.81 -0.45 0.86	54.25 -1.68 -1.42	205.41 -6.62 -4.59	222.93 -8.99 -6.59	70.34 -3.07 -2.69	60.33 -2.95 -2.34	50.13 -2.40 -2.56	48.68 -1.63 -2.35	35.31 -1.29 -0.93
INDECK___OSWEGO 23783	34.08 -0.83 -0.13	28.82 -0.73 0.00	21.50 -0.55 0.00	23.60 -0.59 0.00	25.01 -0.63 0.00	30.25 -0.70 0.00	29.74 -0.53 0.00	34.26 -0.59 0.00	29.98 -0.53 0.00	26.52 -0.55 0.00	25.02 -0.47 0.00	21.47 -0.40 0.00	25.81 -0.51 0.00	26.92 -0.51 -0.04	28.74 -0.52 0.00	32.79 -0.61 -1.28	61.50 -1.02 -8.01	223.63 -2.61 -18.81	246.68 -2.39 -23.74	79.69 -0.71 -9.68	68.47 -0.90 -8.42	58.28 -0.90 -9.20	55.45 -0.98 -8.47	38.22 -0.79 -3.34
INDECK___YERKES 23781	33.77 -1.05 -0.03	28.56 -0.99 0.00	21.11 -0.93 0.00	23.45 -0.73 0.00	24.80 -0.84 0.00	30.05 -0.90 0.00	29.34 -0.94 0.00	33.04 -1.81 0.00	29.86 -0.65 0.00	33.82 0.06 -6.69	33.13 0.18 -7.46	28.19 0.11 -6.22	25.86 0.27 0.74	26.83 0.38 0.93	28.24 -0.01 1.01	30.74 -0.65 0.73	53.39 -2.57 -1.46	202.15 -9.83 -4.53	218.45 -13.30 -6.43	69.04 -4.30 -2.62	59.48 -3.74 -2.28	49.41 -3.06 -2.49	48.13 -2.12 -2.30	35.19 -1.39 -0.90
INDIAN POINT_GT_1 24139	36.29 1.50 0.00	30.77 1.21 0.00	22.90 0.85 0.00	25.05 0.86 0.00	26.56 0.92 0.00	32.09 1.14 0.00	31.98 1.41 -0.29	37.31 1.67 -0.78	32.01 1.50 0.00	31.52 1.37 -3.08	29.94 1.61 -2.84	26.58 1.48 -3.24	33.54 1.77 -5.45	35.60 1.88 -6.34	38.23 2.07 -6.90	41.60 2.12 -7.35	62.56 3.19 -4.87	229.85 11.87 -10.53	240.63 12.20 -3.11	75.27 3.80 -0.75	63.33 2.39 0.00	51.40 1.43 0.00	49.26 1.31 0.00	36.78 1.11 0.00
INDIAN POINT_GT_2 23659	36.29 1.50 0.00	30.77 1.21 0.00	22.90 0.85 0.00	25.05 0.86 0.00	26.56 0.92 0.00	32.09 1.14 0.00	31.98 1.41 -0.29	37.31 1.67 -0.78	32.01 1.50 0.00	31.52 1.37 -3.08	29.94 1.61 -2.84	26.58 1.48 -3.24	33.54 1.77 -5.45	35.60 1.88 -6.34	38.23 2.07 -6.90	41.60 2.12 -7.35	62.56 3.19 -4.87	229.85 11.87 -10.53	240.63 12.20 -3.11	75.27 3.80 -0.75	63.33 2.39 0.00	51.40 1.43 0.00	49.26 1.31 0.00	36.78 1.11 0.00
INDIAN POINT_GT_3 24019	36.29 1.50 0.00	30.77 1.21 0.00	22.90 0.85 0.00	25.05 0.86 0.00	26.56 0.92 0.00	32.09 1.14 0.00	31.98 1.41 -0.29	37.31 1.67 -0.78	32.01 1.50 0.00	31.52 1.37 -3.08	29.94 1.61 -2.84	26.58 1.48 -3.24	33.54 1.77 -5.45	35.60 1.88 -6.34	38.23 2.07 -6.90	41.60 2.12 -7.35	62.56 3.19 -4.87	229.85 11.87 -10.53	240.63 12.20 -3.11	75.27 3.80 -0.75	63.33 2.39 0.00	51.40 1.43 0.00	49.26 1.31 0.00	36.78 1.11 0.00
INDIAN POINT___2 23530	36.25 1.47 0.00	30.73 1.18 0.00	22.87 0.82 0.00	25.00 0.82 0.00	26.52 0.88 0.00	32.04 1.09 0.00	31.92 1.36 -0.28	37.23 1.62 -0.76	31.96 1.44 0.00	32.22 1.32 -3.82	30.17 1.58 -3.09	26.84 1.45 -3.52	33.99 1.73 -5.93	36.14 1.86 -6.91	38.83 2.05 -7.52	42.23 2.09 -8.01	62.94 3.13 -5.30	229.78 11.71 -10.63	240.34 12.04 -2.98	75.17 3.72 -0.72	63.25 2.31 0.00	51.33 1.36 0.00	49.22 1.27 0.00	36.74 1.06 0.00
INDIAN POINT___3 23531	36.25 1.47 0.00	30.74 1.19 0.00	22.88 0.83 0.00	25.02 0.84 0.00	26.54 0.90 0.00	32.06 1.11 0.00	31.95 1.38 -0.29	37.27 1.64 -0.78	31.98 1.47 0.00	31.55 1.34 -3.14	29.92 1.58 -2.85	26.56 1.45 -3.24	33.52 1.75 -5.45	35.58 1.85 -6.35	38.21 2.04 -6.91	41.58 2.10 -7.36	62.51 3.13 -4.87	229.68 11.69 -10.55	240.41 11.97 -3.11	75.20 3.73 -0.75	63.28 2.33 0.00	51.35 1.38 0.00	49.23 1.27 0.00	36.75 1.08 0.00
INGHAM_C_115KV_TB7 356103	36.91 2.13 0.00	31.38 1.83 0.00	23.44 1.39 0.00	25.70 1.52 0.00	27.27 1.63 0.00	33.05 2.09 0.00	32.66 2.38 0.00	37.66 2.81 0.00	32.25 1.74 0.00	27.84 0.77 0.00	26.22 0.73 0.00	22.54 0.67 0.00	27.11 0.78 0.00	28.23 0.85 0.00	30.27 1.01 0.00	33.34 1.22 0.00	57.10 2.59 0.00	222.11 14.67 0.00	243.78 18.45 0.00	76.62 5.90 0.00	65.34 4.40 0.00	53.09 3.12 0.00	50.51 2.55 0.00	37.39 1.72 0.00
IP CORINTH___1 23988	35.91 1.13 0.00	30.61 1.05 0.00	22.85 0.80 0.00	25.03 0.85 0.00	26.54 0.90 0.00	32.13 1.17 0.00	33.66 1.50 -1.88	41.69 1.84 -5.00	31.77 1.26 0.00	28.23 0.66 -0.50	26.54 0.45 -0.59	22.96 0.42 -0.67	28.01 0.55 -1.14	29.31 0.61 -1.33	31.42 0.72 -1.45	34.80 1.14 -1.54	58.04 2.51 -1.02	239.43 11.45 -20.54	255.43 12.53 -17.57	76.88 3.94 -2.22	63.83 2.88 0.00	51.78 1.81 0.00	49.40 1.44 0.00	36.69 1.02 0.00
IP___TICONDEROGA 23804	37.22 2.44 0.00	31.92 2.36 0.00	23.74 1.69 0.00	26.08 1.90 0.00	27.66 2.02 0.00	33.58 2.63 0.00	35.53 3.30 -1.96	44.16 4.11 -5.20	33.34 2.83 0.00	29.16 1.59 -0.50	27.22 1.13 -0.60	23.56 1.01 -0.68	28.87 1.39 -1.15	30.18 1.46 -1.34	32.39 1.67 -1.46	36.25 2.57 -1.56	61.33 5.79 -1.03	251.99 23.14 -21.41	269.57 25.95 -18.29	81.39 8.35 -2.32	67.76 6.82 0.00	54.44 4.46 0.00	51.56 3.61 0.00	38.33 2.66 0.00
ISLIP_RES_REC 323679	36.66 1.87 0.00	31.09 1.54 0.00	23.18 1.13 0.00	25.25 1.07 0.00	26.79 1.15 0.00	32.25 1.29 0.00	31.92 1.34 -0.30	36.63 1.50 -0.28	31.93 1.42 0.00	31.36 1.36 -2.93	26.77 1.90 0.63	3.10 1.67 20.43	29.43 1.86 -1.24	44.48 1.87 -15.23	48.25 1.99 -17.00	50.59 2.01 -16.46	66.78 3.02 -9.26	69.30 10.32 148.47	74.96 9.21 159.58	48.06 3.14 25.80	51.89 1.85 10.90	44.91 0.97 6.03	47.28 0.78 1.45	36.68 1.02 0.00

JAMAICA__27_KV_LOAD 355505	36.63 1.85 0.00	31.04 1.49 0.00	23.08 1.02 0.00	25.21 1.03 0.00	26.74 1.11 0.00	32.36 1.41 0.00	32.27 1.69 -0.30	37.66 2.01 -0.80	32.38 1.87 0.00	31.65 1.74 -2.84	29.99 1.89 -2.61	26.59 1.75 -2.97	33.44 2.12 -5.01	35.43 2.22 -5.82	37.99 2.39 -6.34	41.32 2.44 -6.76	62.70 3.72 -4.47	230.95 13.11 -10.41	241.87 13.34 -3.20	75.64 4.15 -0.77	63.68 2.73 0.00	51.68 1.70 0.00	49.66 1.71 0.00	37.19 1.52 0.00
JANIS__SOLAR 323808	35.53 0.71 -0.04	30.06 0.51 0.00	22.37 0.32 0.00	24.70 0.51 0.00	26.20 0.56 0.00	31.79 0.83 0.00	31.45 1.17 0.00	36.14 1.29 0.00	31.66 1.14 0.00	27.68 0.50 -0.11	26.00 0.41 -0.09	22.07 0.31 0.11	25.38 0.42 1.37	26.28 0.44 1.54	28.04 0.47 1.69	31.26 0.50 1.37	57.11 1.11 -1.49	219.58 6.80 -5.35	243.84 10.58 -7.93	77.42 3.46 -3.24	66.14 2.39 -2.81	54.41 1.36 -3.08	51.73 0.94 -2.83	37.35 0.56 -1.12
JARVIS____ 23743	34.84 0.06 0.00	29.62 0.06 0.00	22.10 0.05 0.00	24.23 0.05 0.00	25.69 0.05 0.00	31.04 0.09 0.00	30.45 0.17 0.00	35.06 0.21 0.00	30.66 0.15 0.00	27.15 0.08 0.00	25.60 0.11 0.00	21.98 0.11 0.00	26.45 0.13 0.00	27.52 0.14 0.00	29.44 0.18 0.00	32.33 0.21 0.00	54.84 0.34 0.00	209.07 1.63 0.00	227.16 1.84 0.00	71.30 0.58 0.00	61.25 0.30 0.00	50.12 0.14 0.00	48.01 0.05 0.00	35.71 0.04 0.00
JENNISON____1 23625	35.34 0.52 -0.03	29.91 0.36 0.00	22.26 0.20 0.00	24.74 0.56 0.00	26.26 0.62 0.00	31.84 0.89 0.00	31.53 1.25 0.00	36.20 1.35 0.00	32.43 1.92 0.00	28.09 1.18 0.16	26.42 1.14 0.22	22.39 0.97 0.44	25.81 1.24 1.75	26.55 1.07 1.91	28.32 1.14 2.09	31.35 1.13 1.90	57.10 2.02 -0.57	219.98 8.90 -3.63	242.59 11.22 -6.05	76.73 3.55 -2.47	65.03 1.94 -2.15	53.05 0.73 -2.34	50.10 -0.01 -2.16	36.49 -0.03 -0.85
JENNISON____2 23626	35.34 0.52 -0.03	29.91 0.36 0.00	22.26 0.20 0.00	24.74 0.56 0.00	26.26 0.62 0.00	31.84 0.89 0.00	31.53 1.25 0.00	36.20 1.35 0.00	32.43 1.92 0.00	28.09 1.18 0.16	26.42 1.14 0.22	22.39 0.97 0.44	25.81 1.24 1.75	26.55 1.07 1.91	28.32 1.14 2.09	31.35 1.13 1.90	57.10 2.02 -0.57	219.98 8.90 -3.63	242.59 11.22 -6.05	76.73 3.55 -2.47	65.03 1.94 -2.15	53.05 0.73 -2.34	50.10 -0.01 -2.16	36.49 -0.03 -0.85
JERICOHO_RISE_WT_PWR 323719	35.07 0.29 0.00	29.58 0.02 0.00	21.97 -0.08 0.00	24.03 -0.15 0.00	25.48 -0.16 0.00	30.90 -0.06 0.00	30.09 -0.19 0.00	34.75 -0.10 0.00	30.58 0.07 0.00	27.43 0.36 0.00	25.66 0.18 0.00	21.80 -0.06 0.00	25.97 -0.35 0.00	26.73 -0.65 0.00	28.41 -0.85 0.00	30.99 -1.14 0.00	52.89 -1.61 0.00	201.50 -5.95 0.00	220.52 -4.80 0.00	69.91 -2.17 -1.37	61.35 -1.47 -1.87	50.83 -0.65 -1.51	47.90 -0.06 0.00	35.84 0.17 0.00
KATONAH__115KV_46KV_TB4 355592	36.46 1.68 0.00	30.90 1.35 0.00	23.02 0.96 0.00	25.17 0.99 0.00	26.68 1.04 0.00	32.25 1.29 0.00	32.14 1.56 -0.30	37.51 1.85 -0.81	32.21 1.70 0.00	30.75 1.54 -2.14	29.60 1.75 -2.35	26.13 1.58 -2.68	32.71 1.88 -4.50	34.62 2.00 -5.24	37.15 2.19 -5.71	40.50 2.30 -6.08	62.05 3.51 -4.03	230.54 12.92 -10.17	241.81 13.23 -3.25	75.68 4.18 -0.79	63.70 2.75 0.00	51.71 1.73 0.00	49.52 1.56 0.00	36.96 1.29 0.00
KCE_NY_1 323755	36.11 1.33 0.00	30.70 1.14 0.00	22.93 0.88 0.00	25.11 0.93 0.00	26.65 1.01 0.00	32.28 1.33 0.00	33.90 1.56 -2.07	42.20 1.86 -5.49	31.89 1.38 0.00	28.48 0.90 -0.51	26.89 0.79 -0.61	23.25 0.70 -0.69	28.31 0.82 -1.17	29.63 0.90 -1.36	31.75 1.02 -1.48	35.05 1.36 -1.57	58.10 2.55 -1.04	241.60 11.51 -22.64	257.00 12.37 -19.30	77.06 3.89 -2.45	63.78 2.83 0.00	51.88 1.91 0.00	49.58 1.62 0.00	36.86 1.19 0.00
KCE_NY_6_ESR 323823	33.76 -1.05 -0.03	28.50 -1.06 0.00	21.06 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.37 -0.91 0.00	33.17 -1.68 0.00	29.90 -0.61 0.00	33.41 0.07 -6.27	32.73 0.26 -6.99	27.84 0.16 -5.81	25.84 0.30 0.77	26.80 0.39 0.97	28.35 0.15 1.06	30.94 -0.40 0.78	54.16 -1.79 -1.44	205.52 -6.46 -4.55	222.42 -9.38 -6.48	70.26 -3.10 -2.64	60.41 -2.83 -2.30	49.97 -2.51 -2.51	48.48 -1.79 -2.31	35.20 -1.39 -0.91
KEDC_PORT_JEFF_GT2 24210	36.47 1.69 0.00	30.95 1.39 0.00	23.07 1.02 0.00	25.13 0.95 0.00	26.66 1.02 0.00	32.07 1.12 0.00	31.73 1.15 -0.30	36.39 1.26 -0.28	31.73 1.22 0.00	30.74 1.16 -2.50	22.28 1.70 4.91	-7.19 1.48 30.53	25.24 1.65 2.73	43.40 1.65 -14.36	47.15 1.74 -16.14	47.22 1.72 -13.38	62.08 2.45 -5.12	60.34 7.30 154.41	68.91 5.69 162.11	44.27 2.22 28.67	48.52 1.17 13.60	42.92 0.47 7.52	46.54 0.39 1.81	36.45 0.78 0.00
KEDC_PORT_JEFF_GT3 24211	36.47 1.69 0.00	30.95 1.39 0.00	23.07 1.02 0.00	25.13 0.95 0.00	26.66 1.02 0.00	32.07 1.12 0.00	31.73 1.15 -0.30	36.39 1.26 -0.28	31.73 1.22 0.00	30.74 1.16 -2.50	22.28 1.70 4.91	-7.19 1.48 30.53	25.24 1.65 2.73	43.40 1.65 -14.36	47.15 1.74 -16.14	47.22 1.72 -13.38	62.08 2.45 -5.12	60.34 7.30 154.41	68.91 5.69 162.11	44.27 2.22 28.67	48.52 1.17 13.60	42.92 0.47 7.52	46.54 0.39 1.81	36.45 0.78 0.00
KEDC_GLWD_GT4 24219	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.40 1.45 0.00	32.23 1.66 -0.30	37.38 1.89 -0.64	32.29 1.78 0.00	34.59 1.68 -5.84	53.16 1.85 -25.82	55.23 1.67 -31.69	53.55 1.96 -25.28	69.49 2.06 -40.04	77.16 2.23 -45.67	88.68 2.28 -54.28	127.69 3.47 -69.71	276.88 12.45 -56.99	184.16 11.84 53.01	70.84 3.83 3.71	63.37 2.42 -0.01	51.42 1.44 0.00	49.47 1.52 0.00	37.07 1.40 0.00
KEDC_GLWD_GT5 24220	36.75 1.97 0.00	31.16 1.61 0.00	23.20 1.15 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.40 1.45 0.00	32.23 1.66 -0.30	37.38 1.89 -0.64	32.29 1.78 0.00	34.59 1.68 -5.84	53.16 1.85 -25.82	55.23 1.67 -31.69	53.55 1.96 -25.28	69.49 2.06 -40.04	77.16 2.23 -45.67	88.68 2.28 -54.28	127.69 3.47 -69.71	276.88 12.45 -56.99	184.16 11.84 53.01	70.84 3.83 3.71	63.37 2.42 -0.01	51.42 1.44 0.00	49.47 1.52 0.00	37.07 1.40 0.00
KENSICO____ 23655	36.39 1.60 0.00	30.87 1.31 0.00	22.98 0.93 0.00	25.13 0.94 0.00	26.64 1.01 0.00	32.19 1.23 0.00	32.08 1.50 -0.30	37.41 1.76 -0.80	32.12 1.61 0.00	31.49 1.48 -2.94	29.88 1.71 -2.67	26.47 1.56 -3.04	33.31 1.88 -5.11	35.32 1.99 -5.95	37.91 2.17 -6.48	41.26 2.23 -6.91	62.45 3.37 -4.57	230.25 12.36 -10.45	241.09 12.58 -3.19	75.43 3.94 -0.77	63.47 2.53 0.00	51.52 1.55 0.00	49.38 1.42 0.00	36.88 1.21 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.41 1.62 0.00	30.85 1.30 0.00	22.98 0.93 0.00	25.13 0.95 0.00	26.65 1.01 0.00	32.21 1.26 0.00	31.84 1.56 0.00	36.70 1.85 0.00	32.11 1.60 0.00	26.57 1.35 1.85	27.59 1.47 -0.64	23.93 1.33 -0.73	29.20 1.65 -1.23	30.59 1.78 -1.44	32.82 1.99 -1.56	35.90 2.11 -1.67	59.03 3.42 -1.10	221.84 13.53 -0.87	239.85 14.52 0.00	75.29 4.57 0.00	63.98 3.04 0.00	51.90 1.93 0.00	49.68 1.72 0.00	36.99 1.32 0.00

KIAC_JFK_GT1 23816	36.43 1.65 0.00	30.88 1.32 0.00	22.96 0.91 0.00	25.08 0.90 0.00	26.61 0.97 0.00	32.19 1.23 0.00	32.03 1.45 -0.30	37.32 1.67 -0.80	32.08 1.57 0.00	31.39 1.48 -2.84	29.74 1.63 -2.61	26.38 1.54 -2.97	33.18 1.86 -5.01	35.15 1.95 -5.82	37.70 2.10 -6.34	41.01 2.13 -6.76	62.15 3.17 -4.47	228.87 11.02 -10.41	239.54 11.01 -3.20	74.93 3.44 -0.77	63.07 2.12 0.00	51.19 1.22 0.00	49.20 1.25 0.00	36.96 1.29 0.00
KIAC_JFK_GT2 23817	36.43 1.65 0.00	30.88 1.32 0.00	22.96 0.91 0.00	25.08 0.90 0.00	26.61 0.97 0.00	32.19 1.23 0.00	32.03 1.45 -0.30	37.32 1.67 -0.80	32.08 1.57 0.00	31.39 1.48 -2.84	29.74 1.63 -2.61	26.38 1.54 -2.97	33.18 1.86 -5.01	35.15 1.95 -5.82	37.70 2.10 -6.34	41.01 2.13 -6.76	62.15 3.17 -4.47	228.87 11.02 -10.41	239.54 11.01 -3.20	74.93 3.44 -0.77	63.07 2.12 0.00	51.19 1.22 0.00	49.20 1.25 0.00	36.96 1.29 0.00
KIAC_JFK____ 323774	36.43 1.65 0.00	30.88 1.32 0.00	22.96 0.91 0.00	25.08 0.90 0.00	26.61 0.97 0.00	32.19 1.23 0.00	32.03 1.45 -0.30	37.32 1.67 -0.80	32.08 1.57 0.00	31.39 1.48 -2.84	29.74 1.63 -2.61	26.38 1.54 -2.97	33.16 1.84 -5.01	35.15 1.95 -5.82	37.69 2.09 -6.34	41.00 2.13 -6.76	62.16 3.18 -4.47	228.86 11.01 -10.41	239.56 11.03 -3.20	74.93 3.44 -0.77	63.07 2.13 0.00	51.20 1.22 0.00	49.21 1.25 0.00	36.96 1.29 0.00
KINTIGH__24_KV_GSU 356498	33.69 -1.12 -0.03	28.55 -1.01 0.00	21.13 -0.92 0.00	23.43 -0.75 0.00	24.79 -0.85 0.00	30.01 -0.95 0.00	29.33 -0.95 0.00	33.14 -1.72 0.00	29.81 -0.71 0.00	34.06 -0.07 -7.06	33.42 0.05 -7.88	28.46 0.01 -6.59	25.78 0.14 0.68	26.71 0.20 0.86	28.25 -0.07 0.94	30.86 -0.60 0.66	53.77 -2.19 -1.45	203.99 -7.87 -4.43	220.63 -10.94 -6.24	69.66 -3.60 -2.55	59.88 -3.28 -2.21	49.61 -2.79 -2.42	48.14 -2.04 -2.23	35.15 -1.39 -0.88
KINTIGH____ 23543	33.67 -1.14 -0.03	28.53 -1.02 0.00	21.12 -0.94 0.00	23.41 -0.77 0.00	24.76 -0.87 0.00	29.98 -0.97 0.00	29.30 -0.98 0.00	33.11 -1.74 0.00	29.79 -0.72 0.00	34.05 -0.08 -7.06	33.40 0.03 -7.88	28.45 0.00 -6.59	25.66 0.01 0.68	26.65 0.14 0.86	28.21 -0.11 0.94	30.83 -0.63 0.66	53.74 -2.21 -1.45	203.98 -7.89 -4.43	220.67 -10.90 -6.24	69.69 -3.57 -2.55	59.87 -3.29 -2.21	49.60 -2.79 -2.42	48.14 -2.04 -2.23	35.14 -1.41 -0.88
KNTFSRNC_46_KV_46KV_LOAD 80397	35.64 0.86 0.00	30.01 0.45 0.00	22.26 0.20 0.00	24.28 0.10 0.00	25.74 0.10 0.00	31.27 0.32 0.00	30.56 0.28 0.00	35.29 0.44 0.00	30.98 0.47 0.00	27.79 0.72 0.00	25.99 0.50 0.00	22.00 0.13 0.00	26.03 -0.29 0.00	26.63 -0.75 0.00	28.23 -1.03 0.00	30.66 -1.46 0.00	52.37 -2.14 0.00	200.17 -7.27 0.00	220.25 -5.08 0.00	80.59 -2.37 -12.24	76.00 -1.72 -16.78	62.76 -0.70 -13.48	48.25 0.30 0.00	36.34 0.67 0.00
LACHUTE____HYDRO 323717	37.22 2.44 0.00	31.92 2.36 0.00	23.74 1.69 0.00	26.08 1.90 0.00	27.66 2.02 0.00	33.58 2.63 0.00	35.54 3.30 -1.96	44.16 4.11 -5.20	33.34 2.83 0.00	29.17 1.59 -0.50	27.22 1.13 -0.60	23.56 1.01 -0.68	28.86 1.39 -1.15	30.18 1.46 -1.34	32.39 1.67 -1.46	36.25 2.57 -1.56	61.33 5.79 -1.03	251.99 23.13 -21.41	269.56 25.94 -18.29	81.38 8.35 -2.32	67.76 6.81 0.00	54.43 4.46 0.00	51.56 3.60 0.00	38.34 2.67 0.00
LAWRNCV_115KV_TB1 80681	35.43 0.63 -0.01	30.07 0.52 0.00	22.39 0.34 0.00	24.56 0.37 0.00	26.04 0.40 0.00	31.44 0.49 0.00	30.68 0.40 0.00	35.39 0.54 0.00	30.96 0.45 0.00	27.38 0.31 0.00	25.52 0.03 0.00	21.82 -0.05 0.00	26.25 -0.07 0.00	27.21 -0.17 0.00	28.95 -0.31 0.00	31.87 -0.37 -0.11	54.86 -0.36 -0.71	208.25 -0.86 -1.66	228.78 1.36 -2.10	72.07 0.50 -0.86	62.79 1.10 -0.74	52.17 1.38 -0.81	50.27 1.57 -0.75	37.08 1.12 -0.30
LEDERLE____ 23769	36.43 1.65 0.00	30.87 1.31 0.00	22.96 0.91 0.00	25.11 0.92 0.00	26.63 0.99 0.00	32.19 1.23 0.00	32.09 1.53 -0.28	37.41 1.81 -0.74	32.12 1.61 0.00	21.31 1.47 7.22	30.72 1.73 -3.50	27.45 1.60 -3.98	34.97 1.94 -6.71	37.27 2.07 -7.81	40.07 2.30 -8.51	43.56 2.37 -9.06	64.13 3.62 -6.00	232.19 13.74 -11.00	242.40 14.19 -2.88	75.75 4.33 -0.70	63.73 2.79 0.00	51.69 1.71 0.00	49.54 1.59 0.00	36.94 1.27 0.00
LIGHTHSE_115KV_TB6 355974	34.43 -0.43 -0.08	29.18 -0.37 0.00	21.74 -0.32 0.00	23.85 -0.33 0.00	25.28 -0.36 0.00	30.60 -0.35 0.00	30.20 -0.07 0.00	34.82 -0.04 0.00	30.44 -0.07 0.00	26.86 -0.22 0.00	25.31 -0.18 0.00	21.71 -0.15 0.00	26.01 -0.31 0.00	27.09 -0.32 0.00	28.90 -0.36 0.00	32.40 -0.48 -0.76	58.63 -0.66 -4.78	219.49 0.83 -11.22	242.77 3.28 -14.16	77.73 1.23 -5.78	66.85 0.88 -5.02	55.91 0.45 -5.49	53.20 0.19 -5.05	37.70 0.03 -1.99
LINDEN COGEN____ 23786	36.42 1.64 0.00	30.89 1.34 0.00	22.98 0.93 0.00	25.12 0.94 0.00	26.64 1.00 0.00	32.18 1.23 0.00	32.10 1.52 -0.30	37.43 1.78 -0.80	32.19 1.67 0.00	31.49 1.58 -2.84	29.93 1.82 -2.62	26.53 1.69 -2.97	33.33 2.01 -5.01	35.35 2.14 -5.82	37.93 2.33 -6.34	41.22 2.34 -6.76	62.46 3.49 -4.47	230.54 12.69 -10.41	241.32 12.79 -3.20	75.46 3.97 -0.77	63.42 2.48 0.00	51.46 1.48 0.00	49.33 1.37 0.00	36.88 1.21 0.00
LINDHRST_69_KV_BK1 356055	37.12 2.34 0.00	31.47 1.91 0.00	23.42 1.37 0.00	25.54 1.36 0.00	27.08 1.44 0.00	32.60 1.65 0.00	32.31 1.74 -0.30	37.19 1.96 -0.38	32.34 1.83 0.00	33.58 1.78 -4.73	44.70 2.24 -16.97	43.17 1.97 -19.32	46.08 2.29 -17.48	52.33 2.30 -22.65	56.91 2.46 -25.18	67.19 2.53 -32.53	89.67 3.86 -31.30	121.96 13.74 99.23	102.57 12.67 135.42	61.71 4.42 13.43	63.09 2.94 0.80	51.47 1.94 0.44	49.57 1.72 0.11	37.23 1.57 0.00
LIPA_MISC_IPP 23656	36.25 1.47 0.00	30.78 1.23 0.00	22.96 0.91 0.00	25.00 0.82 0.00	26.52 0.89 0.00	31.92 0.96 0.00	31.57 0.99 -0.30	36.21 1.09 -0.27	31.55 1.04 0.00	30.68 0.99 -2.63	23.40 1.54 3.63	-4.13 1.37 27.37	26.26 1.48 1.54	43.12 1.44 -14.30	46.77 1.50 -16.01	47.59 1.48 -13.99	62.40 2.17 -5.73	59.07 7.57 155.94	68.61 6.49 163.21	44.97 2.18 27.94	49.18 0.94 12.71	43.16 0.22 7.03	46.36 0.09 1.69	36.21 0.54 0.00
LISF____SOLAR 323691	36.31 1.53 0.00	30.82 1.27 0.00	23.00 0.94 0.00	25.03 0.85 0.00	26.57 0.93 0.00	31.96 1.01 0.00	31.61 1.03 -0.30	36.27 1.14 -0.27	31.59 1.08 0.00	30.72 1.01 -2.64	23.59 1.56 3.46	-3.74 1.38 26.99	26.42 1.47 1.38	43.22 1.45 -14.39	46.90 1.52 -16.11	47.80 1.51 -14.17	62.75 2.24 -6.01	60.36 8.03 155.11	69.74 7.18 162.77	45.29 2.37 27.80	49.40 1.06 12.62	43.31 0.32 6.98	46.46 0.18 1.67	36.26 0.59 0.00
LITTLE FALLS____HYD 24013	36.91 2.13 0.00	31.38 1.83 0.00	23.44 1.39 0.00	25.70 1.52 0.00	27.27 1.63 0.00	33.05 2.09 0.00	32.66 2.38 0.00	37.66 2.81 0.00	32.25 1.74 0.00	27.84 0.77 0.00	26.22 0.73 0.00	22.54 0.67 0.00	27.11 0.78 0.00	28.23 0.85 0.00	30.27 1.01 0.00	33.34 1.22 0.00	57.10 2.59 0.00	222.11 14.67 0.00	243.78 18.45 0.00	76.62 5.90 0.00	65.34 4.40 0.00	53.09 3.12 0.00	50.51 2.55 0.00	37.39 1.72 0.00

LITTLRIV_115KV_TB1 356100	35.93 1.14 -0.01	30.51 0.96 0.00	22.72 0.67 0.00	24.91 0.72 0.00	26.43 0.79 0.00	31.92 0.97 0.00	31.16 0.88 0.00	35.91 1.06 0.00	31.32 0.81 0.00	27.55 0.48 0.00	25.59 0.10 0.00	21.88 0.02 0.00	26.35 0.03 0.00	27.31 -0.07 0.00	29.02 -0.24 0.00	31.98 -0.27 -0.12	55.11 -0.17 -0.78	209.80 0.54 -1.82	232.17 4.54 -2.30	73.30 1.65 -0.94	63.92 2.16 -0.81	53.11 2.24 -0.89	51.14 2.36 -0.82	37.66 1.67 -0.32
LI_NEWBRDGE___DRP 323616	36.54 1.76 0.00	30.99 1.44 0.00	23.08 1.02 0.00	25.18 1.00 0.00	26.70 1.07 0.00	32.15 1.20 0.00	31.87 1.30 -0.30	36.54 1.45 -0.23	31.91 1.40 0.00	32.88 1.37 -4.44	42.25 1.79 -14.98	41.72 1.58 -18.27	43.94 1.82 -15.80	43.42 1.85 -14.20	46.31 1.97 -15.08	57.77 1.98 -23.67	74.16 2.95 -16.71	51.50 10.27 166.22	61.96 9.07 172.44	57.11 3.07 16.68	62.72 1.79 0.00	50.96 0.99 0.01	48.80 0.84 0.00	36.65 0.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	33.47 -1.34 -0.03	28.33 -1.23 0.00	20.93 -1.12 0.00	23.24 -0.94 0.00	24.59 -1.05 0.00	29.75 -1.20 0.00	28.95 -1.33 0.00	32.59 -2.26 0.00	29.45 -1.06 0.00	33.82 -0.36 -7.10	33.12 -0.30 -7.92	28.19 -0.30 -6.62	25.29 -0.33 0.70	26.38 -0.11 0.90	27.79 -0.49 0.98	30.32 -1.11 0.69	52.80 -3.19 -1.49	200.57 -11.42 -4.56	217.18 -14.57 -6.43	68.68 -4.67 -2.63	59.08 -4.15 -2.28	49.01 -3.46 -2.49	47.68 -2.57 -2.30	34.89 -1.69 -0.91
LOCKPORT___CC1 323769	33.40 -1.41 -0.03	28.26 -1.29 0.00	20.90 -1.16 0.00	23.20 -0.98 0.00	24.54 -1.10 0.00	29.69 -1.27 0.00	28.88 -1.40 0.00	32.50 -2.35 0.00	29.36 -1.15 0.00	33.66 -0.41 -7.00	32.97 -0.33 -7.81	28.05 -0.34 -6.52	25.36 -0.25 0.71	26.35 -0.12 0.90	27.75 -0.53 0.99	30.26 -1.16 0.70	52.68 -3.31 -1.48	199.92 -12.07 -4.55	216.40 -15.36 -6.43	68.41 -4.94 -2.63	58.88 -4.34 -2.28	48.87 -3.60 -2.49	47.54 -2.72 -2.30	34.77 -1.80 -0.91
LOCKPORT___CC2 323770	33.40 -1.41 -0.03	28.26 -1.29 0.00	20.90 -1.16 0.00	23.20 -0.98 0.00	24.54 -1.10 0.00	29.69 -1.27 0.00	28.88 -1.40 0.00	32.50 -2.35 0.00	29.36 -1.15 0.00	33.66 -0.41 -7.00	32.97 -0.33 -7.81	28.05 -0.34 -6.52	25.36 -0.25 0.71	26.35 -0.12 0.90	27.75 -0.53 0.99	30.26 -1.16 0.70	52.68 -3.31 -1.48	199.92 -12.07 -4.55	216.40 -15.36 -6.43	68.41 -4.94 -2.63	58.88 -4.34 -2.28	48.87 -3.60 -2.49	47.54 -2.72 -2.30	34.77 -1.80 -0.91
LOCKPORT___CC3 323771	33.40 -1.41 -0.03	28.26 -1.29 0.00	20.90 -1.16 0.00	23.20 -0.98 0.00	24.54 -1.10 0.00	29.69 -1.27 0.00	28.88 -1.40 0.00	32.50 -2.35 0.00	29.36 -1.15 0.00	33.66 -0.41 -7.00	32.97 -0.33 -7.81	28.05 -0.34 -6.52	25.36 -0.25 0.71	26.35 -0.12 0.90	27.75 -0.53 0.99	30.26 -1.16 0.70	52.68 -3.31 -1.48	199.92 -12.07 -4.55	216.40 -15.36 -6.43	68.41 -4.94 -2.63	58.88 -4.34 -2.28	48.87 -3.60 -2.49	47.54 -2.72 -2.30	34.77 -1.80 -0.91
LOCUSVLY_69_KV_BK2 55797	36.82 2.03 0.00	31.22 1.66 0.00	23.24 1.19 0.00	25.37 1.18 0.00	26.89 1.26 0.00	32.40 1.45 0.00	32.16 1.58 -0.30	37.18 1.78 -0.55	32.21 1.70 0.00	34.22 1.64 -5.51	50.68 1.97 -23.22	52.09 1.76 -28.47	51.39 2.06 -23.00	63.50 2.13 -33.99	70.09 2.32 -38.51	81.53 2.38 -47.02	115.12 3.65 -56.97	224.17 12.98 -3.75	156.15 12.12 81.30	67.85 3.91 6.79	63.40 2.45 -0.01	51.43 1.45 0.00	49.32 1.37 0.00	37.01 1.34 0.00
LONG_LAKE_PHOENIX 24014	34.23 -0.66 -0.11	28.96 -0.59 0.00	21.60 -0.45 0.00	23.71 -0.47 0.00	25.13 -0.51 0.00	30.41 -0.55 0.00	29.89 -0.39 0.00	34.42 -0.43 0.00	30.13 -0.38 0.00	26.65 -0.42 0.00	25.15 -0.35 0.00	21.57 -0.29 0.00	25.96 -0.36 0.00	27.08 -0.34 -0.04	28.93 -0.33 0.00	32.78 -0.39 -1.05	60.43 -0.64 -6.56	221.45 -1.39 -15.41	243.45 -1.33 -19.45	78.25 -0.40 -7.93	67.19 -0.66 -6.90	56.77 -0.74 -7.54	54.08 -0.81 -6.94	37.74 -0.66 -2.74
LOVETT___3 23632	36.25 1.47 0.00	30.73 1.18 0.00	22.87 0.82 0.00	25.00 0.82 0.00	26.52 0.88 0.00	32.04 1.08 0.00	31.92 1.36 -0.28	37.23 1.63 -0.75	31.96 1.44 0.00	20.98 1.32 7.42	30.35 1.57 -3.29	27.06 1.45 -3.74	34.37 1.75 -6.30	36.58 1.87 -7.33	39.30 2.06 -7.98	42.73 2.11 -8.51	63.30 3.16 -5.63	230.05 11.78 -10.83	240.39 12.12 -2.95	75.18 3.74 -0.72	63.27 2.32 0.00	51.34 1.37 0.00	49.22 1.26 0.00	36.73 1.06 0.00
LOVETT___4 23642	36.25 1.47 0.00	30.73 1.18 0.00	22.87 0.82 0.00	25.00 0.82 0.00	26.52 0.88 0.00	32.04 1.08 0.00	31.92 1.36 -0.28	37.23 1.63 -0.75	31.96 1.44 0.00	20.98 1.32 7.42	30.35 1.57 -3.29	27.06 1.45 -3.74	34.37 1.75 -6.30	36.58 1.87 -7.33	39.30 2.06 -7.98	42.73 2.11 -8.51	63.30 3.16 -5.63	230.05 11.78 -10.83	240.39 12.12 -2.95	75.18 3.74 -0.72	63.27 2.32 0.00	51.34 1.37 0.00	49.22 1.26 0.00	36.73 1.06 0.00
LOVETT___5 23593	36.25 1.47 0.00	30.73 1.18 0.00	22.87 0.82 0.00	25.00 0.82 0.00	26.52 0.88 0.00	32.04 1.08 0.00	31.92 1.36 -0.28	37.23 1.63 -0.75	31.96 1.44 0.00	20.98 1.32 7.42	30.35 1.57 -3.29	27.06 1.45 -3.74	34.37 1.75 -6.30	36.58 1.87 -7.33	39.30 2.06 -7.98	42.73 2.11 -8.51	63.30 3.16 -5.63	230.05 11.78 -10.83	240.39 12.12 -2.95	75.18 3.74 -0.72	63.27 2.32 0.00	51.34 1.37 0.00	49.22 1.26 0.00	36.73 1.06 0.00
LOWER RAQUET___HYD 24057	35.46 0.67 -0.01	30.10 0.54 0.00	22.40 0.35 0.00	24.57 0.39 0.00	26.05 0.42 0.00	31.46 0.51 0.00	30.74 0.46 0.00	35.49 0.63 0.00	31.03 0.52 0.00	27.40 0.32 0.00	25.52 0.03 0.00	21.81 -0.05 0.00	26.23 -0.08 0.00	27.19 -0.20 -0.01	28.91 -0.35 0.00	31.84 -0.42 -0.13	54.90 -0.44 -0.83	208.43 -0.96 -1.95	229.63 1.84 -2.47	72.37 0.65 -1.01	63.07 1.25 -0.87	52.46 1.53 -0.96	50.56 1.73 -0.88	37.24 1.23 -0.35
LOWER___HUDSON 24059	35.73 0.95 0.00	30.38 0.83 0.00	22.72 0.67 0.00	24.87 0.68 0.00	26.37 0.73 0.00	31.92 0.97 0.00	34.77 1.19 -3.30	45.06 1.44 -8.77	31.56 1.05 0.00	28.36 0.71 -0.58	26.80 0.63 -0.68	23.20 0.56 -0.78	28.28 0.64 -1.31	29.63 0.71 -1.53	31.72 0.79 -1.67	34.93 1.03 -1.78	57.44 1.76 -1.18	252.27 7.98 -36.84	264.88 8.60 -30.96	77.45 2.69 -4.04	62.74 1.79 0.00	51.15 1.18 0.00	48.89 0.93 0.00	36.38 0.72 0.00
LOWVILLE_115KV_TB2 356335	34.63 -0.18 -0.03	29.40 -0.16 0.00	21.89 -0.16 0.00	24.02 -0.17 0.00	25.44 -0.20 0.00	30.81 -0.14 0.00	30.49 0.21 0.00	35.30 0.44 0.00	30.90 0.39 0.00	27.22 0.15 0.00	25.62 0.13 0.00	21.92 0.06 0.00	26.20 -0.12 0.00	27.21 -0.18 -0.01	29.12 -0.14 0.00	32.19 -0.19 -0.27	56.28 0.10 -1.67	216.97 5.61 -3.92	241.12 10.84 -4.95	76.45 3.71 -2.02	65.67 2.97 -1.76	54.01 2.12 -1.92	51.42 1.70 -1.77	37.48 1.11 -0.70
LUTHERFT_115KV_GLOB_FND_222 355753	36.11 1.33 0.00	30.70 1.15 0.00	22.94 0.89 0.00	25.13 0.94 0.00	26.64 1.00 0.00	32.26 1.31 0.00	33.89 1.54 -2.07	42.17 1.83 -5.49	31.86 1.35 0.00	28.46 0.88 -0.51	26.86 0.76 -0.61	23.23 0.67 -0.69	28.30 0.81 -1.17	29.63 0.89 -1.36	31.74 1.01 -1.48	35.03 1.33 -1.57	58.05 2.50 -1.04	241.31 11.22 -22.64	256.78 12.15 -19.30	76.99 3.81 -2.45	63.73 2.79 0.00	51.87 1.90 0.00	49.55 1.59 0.00	36.83 1.16 0.00

LUTHERNY_35_KV_BK2 355980	36.11 1.33 0.00	30.70 1.14 0.00	22.93 0.88 0.00	25.12 0.93 0.00	26.65 1.01 0.00	32.28 1.33 0.00	33.91 1.56 -2.07	42.20 1.86 -5.49	31.89 1.38 0.00	28.48 0.90 -0.51	26.89 0.79 -0.61	23.25 0.70 -0.69	28.32 0.83 -1.17	29.64 0.90 -1.36	31.76 1.02 -1.48	35.05 1.36 -1.57	58.10 2.55 -1.04	241.63 11.55 -22.64	257.01 12.38 -19.30	77.06 3.89 -2.45	63.77 2.83 0.00	51.88 1.91 0.00	49.58 1.63 0.00	36.85 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	35.06 0.26 -0.02	29.76 0.21 0.00	22.15 0.10 0.00	24.30 0.11 0.00	25.75 0.12 0.00	31.15 0.19 0.00	30.64 0.36 0.00	35.43 0.57 0.00	30.97 0.46 0.00	27.27 0.20 0.00	25.53 0.04 0.00	21.83 -0.04 0.00	26.16 -0.16 0.00	27.14 -0.25 -0.01	28.94 -0.32 0.00	31.92 -0.43 -0.23	55.56 -0.38 -1.44	212.74 1.93 -3.37	235.79 6.20 -4.25	74.63 2.18 -1.74	64.56 2.10 -1.51	53.49 1.87 -1.65	51.21 1.74 -1.52	37.45 1.18 -0.60
LYONS_FALL_HYD 23570	34.92 0.12 -0.02	29.65 0.09 0.00	22.09 0.04 0.00	24.24 0.05 0.00	25.69 0.05 0.00	31.11 0.15 0.00	30.71 0.43 0.00	35.47 0.62 0.00	31.02 0.51 0.00	27.34 0.27 0.00	25.75 0.26 0.00	22.06 0.20 0.00	26.43 0.11 0.00	27.49 0.10 -0.01	29.41 0.15 0.00	32.52 0.18 -0.21	56.45 0.62 -1.33	216.81 6.25 -3.12	239.18 9.91 -3.94	75.60 3.27 -1.61	64.93 2.59 -1.40	53.33 1.83 -1.52	50.81 1.45 -1.41	37.18 0.96 -0.55
MADISON___COUNTY_LFGE 323628	35.39 0.58 -0.03	30.01 0.46 0.00	22.39 0.34 0.00	24.57 0.39 0.00	26.06 0.42 0.00	31.58 0.63 0.00	31.10 0.83 0.00	35.83 0.98 0.00	31.24 0.73 0.00	27.49 0.42 0.00	25.93 0.44 0.00	22.26 0.39 0.00	26.78 0.46 0.00	27.93 0.54 -0.01	29.89 0.63 0.00	33.14 0.75 -0.28	57.72 1.47 -1.73	219.59 8.07 -4.07	240.45 9.99 -5.14	75.93 3.12 -2.09	65.09 2.33 -1.82	53.52 1.55 -1.99	51.03 1.24 -1.83	37.22 0.83 -0.72
MALONE___115KV_TB1 356076	35.51 0.73 0.00	30.00 0.45 0.00	22.29 0.23 0.00	24.39 0.20 0.00	25.87 0.23 0.00	31.36 0.41 0.00	30.59 0.31 0.00	35.38 0.52 0.00	31.09 0.58 0.00	27.73 0.66 0.00	25.89 0.40 0.00	21.99 0.12 0.00	26.28 -0.05 0.00	27.09 -0.29 0.00	28.76 -0.50 0.00	31.44 -0.69 0.00	53.73 -0.78 0.00	205.21 -2.24 0.00	225.63 0.30 0.00	71.37 -0.45 -1.10	62.48 0.03 -1.51	51.71 0.53 -1.21	48.92 0.97 0.00	36.50 0.83 0.00
MAPLEWOD_115KV_TB3 80458	35.51 0.73 0.00	30.23 0.67 0.00	22.60 0.55 0.00	24.73 0.54 0.00	26.22 0.58 0.00	31.72 0.77 0.00	34.95 0.97 -3.71	45.86 1.16 -9.85	31.38 0.86 0.00	28.23 0.59 -0.57	26.73 0.55 -0.69	23.15 0.50 -0.79	28.22 0.57 -1.33	29.57 0.64 -1.55	31.67 0.73 -1.69	34.82 0.90 -1.80	57.14 1.44 -1.19	255.22 6.58 -41.20	267.14 7.08 -34.74	77.40 2.16 -4.53	62.29 1.34 0.00	50.85 0.88 0.00	48.60 0.65 0.00	36.19 0.52 0.00
MAPLE_RIDGE_WT_1 323574	33.88 -0.90 0.00	28.75 -0.81 0.00	21.47 -0.58 0.00	23.55 -0.63 0.00	25.00 -0.63 0.00	30.23 -0.72 0.00	29.60 -0.68 0.00	34.17 -0.68 0.00	30.07 -0.44 0.00	26.92 -0.16 0.00	25.40 -0.09 0.00	21.79 -0.08 0.00	26.14 -0.18 0.00	27.15 -0.23 0.00	29.05 -0.21 0.00	31.88 -0.24 0.00	54.24 -0.26 0.00	206.88 -0.56 0.00	224.99 -0.33 0.00	70.51 -0.21 0.00	60.64 -0.31 0.00	49.77 -0.20 0.00	47.83 -0.13 0.00	35.65 -0.02 0.00
MAPLE_RIDGE_WT_2 323611	33.88 -0.90 0.00	28.75 -0.81 0.00	21.47 -0.58 0.00	23.55 -0.63 0.00	25.00 -0.63 0.00	30.23 -0.72 0.00	29.60 -0.68 0.00	34.17 -0.68 0.00	30.07 -0.44 0.00	26.92 -0.16 0.00	25.40 -0.09 0.00	21.79 -0.08 0.00	26.14 -0.18 0.00	27.15 -0.23 0.00	29.05 -0.21 0.00	31.88 -0.24 0.00	54.24 -0.26 0.00	206.88 -0.56 0.00	224.99 -0.33 0.00	70.51 -0.21 0.00	60.64 -0.31 0.00	49.77 -0.20 0.00	47.83 -0.13 0.00	35.65 -0.02 0.00
MARBLE_RIVER_WT_PWR 323696	35.27 0.49 0.00	29.64 0.08 0.00	21.97 -0.09 0.00	23.89 -0.29 0.00	25.29 -0.35 0.00	30.81 -0.15 0.00	30.12 -0.16 0.00	34.78 -0.07 0.00	30.68 0.17 0.00	27.73 0.66 0.00	25.99 0.50 0.00	21.95 0.08 0.00	25.84 -0.48 0.00	26.37 -1.01 0.00	27.96 -1.30 0.00	30.30 -1.82 0.00	51.69 -2.82 0.00	197.27 -10.17 0.00	216.65 -8.67 0.00	43.72 -3.82 23.18	26.11 -3.07 31.76	22.67 -1.78 25.52	47.33 -0.63 0.00	35.77 0.10 0.00
MARSHVLE_115KV_TB1 80742	35.06 0.27 0.00	29.74 0.18 0.00	22.16 0.11 0.00	24.30 0.12 0.00	25.79 0.15 0.00	31.21 0.26 0.00	31.69 0.42 -0.99	37.98 0.50 -2.63	30.61 0.09 0.00	26.92 -0.15 0.00	25.33 -0.16 0.00	21.74 -0.12 0.00	26.23 -0.10 0.00	27.35 -0.04 0.00	29.19 -0.07 0.00	32.03 -0.09 0.00	54.54 0.03 0.00	220.37 2.84 -10.09	239.44 4.89 -9.22	73.43 1.58 -1.13	62.22 1.28 0.00	50.83 0.85 0.00	48.65 0.69 0.00	36.09 0.42 0.00
MARSH_HILL_WT_PWR 323713	32.87 -1.95 -0.04	27.58 -1.98 0.00	20.53 -1.52 0.00	22.73 -1.45 0.00	24.06 -1.57 0.00	29.22 -1.73 0.00	29.15 -1.12 0.00	33.04 -1.81 0.00	29.15 -1.36 0.00	30.33 -0.72 -3.98	29.73 -0.19 -4.43	25.24 -0.25 -3.62	24.97 -0.41 0.94	26.22 -0.05 1.11	27.85 -0.20 1.21	30.58 -0.62 0.92	54.66 -1.33 -1.48	208.73 -3.52 -4.80	229.06 -3.18 -6.91	72.50 -1.03 -2.82	61.77 -1.62 -2.45	51.08 -1.57 -2.68	48.82 -1.60 -2.47	34.77 -1.87 -0.97
MCINTYRE_115KV_TB2 80467	36.12 1.32 -0.01	30.69 1.13 0.00	22.85 0.80 0.00	25.05 0.87 0.00	26.58 0.95 0.00	32.11 1.15 0.00	31.29 1.01 0.00	36.00 1.15 0.00	31.38 0.87 0.00	27.57 0.50 0.00	25.60 0.11 0.00	21.88 0.01 0.00	26.38 0.06 0.00	27.36 -0.03 0.00	29.06 -0.20 0.00	32.03 -0.20 -0.11	55.15 -0.05 -0.69	209.78 0.73 -1.61	232.52 5.16 -2.03	73.48 1.93 -0.83	64.13 2.47 -0.72	53.21 2.45 -0.79	51.22 2.55 -0.72	37.75 1.80 -0.28
MECO_____69_KV_BK1 80468	35.89 1.10 0.00	30.44 0.88 0.00	22.67 0.62 0.00	24.88 0.70 0.00	26.40 0.77 0.00	31.99 1.04 0.00	32.62 1.28 -1.07	39.20 1.52 -2.83	31.31 0.80 0.00	27.15 0.08 0.00	25.41 -0.08 0.00	21.80 -0.06 0.00	26.25 -0.07 0.00	27.36 -0.02 0.00	29.23 -0.03 0.00	32.16 0.03 0.00	55.12 0.61 0.00	225.41 7.19 -10.79	246.48 11.24 -9.91	75.66 3.73 -1.21	63.85 2.91 0.00	52.04 2.07 0.00	49.73 1.77 0.00	36.85 1.18 0.00
MENANDS___115KV_TB5 355628	35.29 0.51 0.00	30.05 0.50 0.00	22.48 0.43 0.00	24.59 0.41 0.00	26.08 0.44 0.00	31.54 0.59 0.00	34.39 0.79 -3.33	44.64 0.94 -8.84	31.20 0.68 0.00	28.10 0.45 -0.58	26.63 0.43 -0.70	23.07 0.40 -0.80	28.12 0.45 -1.35	29.46 0.51 -1.57	31.55 0.58 -1.71	34.67 0.73 -1.82	56.77 1.06 -1.20	248.73 4.87 -36.42	261.61 5.17 -31.12	76.29 1.58 -3.99	61.79 0.85 0.00	50.47 0.49 0.00	48.24 0.29 0.00	35.93 0.26 0.00
MG INDUSTRY___DRP 24185	34.51 -0.28 0.00	29.40 -0.16 0.00	21.99 -0.07 0.00	24.08 -0.11 0.00	25.52 -0.11 0.00	30.85 -0.10 0.00	27.17 0.05 3.16	26.52 0.05 8.38	30.33 -0.19 0.00	27.14 -0.38 -0.45	25.84 -0.36 -0.71	22.40 -0.28 -0.81	27.33 -0.36 -1.37	28.62 -0.37 -1.60	30.65 -0.35 -1.74	33.65 -0.33 -1.86	55.10 -0.63 -1.22	165.23 -1.26 40.96	193.89 -1.05 30.39	65.70 -0.31 4.71	60.33 -0.62 0.00	49.35 -0.62 0.00	47.23 -0.73 0.00	35.19 -0.48 0.00

MID___OSWEGATCHIE_HYD 23849	35.06 0.26 -0.02	29.76 0.21 0.00	22.15 0.10 0.00	24.30 0.11 0.00	25.75 0.12 0.00	31.15 0.19 0.00	30.64 0.36 0.00	35.43 0.57 0.00	30.97 0.46 0.00	27.27 0.20 0.00	25.53 0.04 0.00	21.83 -0.04 0.00	26.16 -0.16 0.00	27.14 -0.25 -0.01	28.94 -0.32 0.00	31.92 -0.43 -0.23	55.56 -0.38 -1.44	212.74 1.93 -3.37	235.79 6.20 -4.25	74.63 2.18 -1.74	64.56 2.10 -1.51	53.49 1.87 -1.65	51.21 1.74 -1.52	37.45 1.18 -0.60
MID___RAQUETTE_HYD 23851	35.46 0.67 -0.01	30.10 0.54 0.00	22.40 0.35 0.00	24.57 0.39 0.00	26.05 0.42 0.00	31.46 0.51 0.00	30.74 0.46 0.00	35.49 0.63 0.00	31.03 0.52 0.00	27.40 0.33 0.00	25.52 0.03 0.00	21.81 -0.05 0.00	26.24 -0.08 0.00	27.19 -0.20 -0.01	28.91 -0.35 0.00	31.84 -0.42 -0.13	54.89 -0.45 -0.83	208.43 -0.96 -1.95	229.61 1.82 -2.47	72.37 0.65 -1.01	63.07 1.25 -0.87	52.46 1.53 -0.96	50.56 1.73 -0.88	37.25 1.23 -0.35
MILLIKEN___1 23584	35.16 0.32 -0.05	29.76 0.20 0.00	22.15 0.10 0.00	24.36 0.18 0.00	25.85 0.21 0.00	31.31 0.35 0.00	30.82 0.54 0.00	35.44 0.59 0.00	31.04 0.53 0.00	27.53 0.30 -0.16	25.93 0.28 -0.16	22.10 0.23 0.00	25.59 0.29 1.02	26.58 0.37 1.17	28.34 0.37 1.29	31.65 0.37 0.84	57.60 0.68 -2.41	218.61 4.09 -7.08	240.53 5.37 -9.83	76.39 1.66 -4.01	65.52 1.09 -3.49	54.37 0.59 -3.81	51.94 0.48 -3.51	37.31 0.25 -1.39
MILLIKEN___2 23585	35.16 0.32 -0.05	29.76 0.20 0.00	22.15 0.10 0.00	24.36 0.18 0.00	25.85 0.21 0.00	31.31 0.35 0.00	30.82 0.54 0.00	35.44 0.59 0.00	31.04 0.53 0.00	27.53 0.30 -0.16	25.93 0.28 -0.16	22.10 0.23 0.00	25.59 0.29 1.02	26.58 0.37 1.17	28.34 0.37 1.29	31.65 0.37 0.84	57.60 0.68 -2.41	218.61 4.09 -7.08	240.53 5.37 -9.83	76.39 1.66 -4.01	65.52 1.09 -3.49	54.37 0.59 -3.81	51.94 0.48 -3.51	37.31 0.25 -1.39
MILLIKEN___DIESEL 23629	35.16 0.32 -0.05	29.76 0.20 0.00	22.15 0.10 0.00	24.36 0.18 0.00	25.85 0.21 0.00	31.31 0.35 0.00	30.82 0.54 0.00	35.44 0.59 0.00	31.04 0.53 0.00	27.53 0.30 -0.16	25.93 0.28 -0.16	22.10 0.23 0.00	25.59 0.29 1.02	26.58 0.37 1.17	28.34 0.37 1.29	31.65 0.37 0.84	57.60 0.68 -2.41	218.61 4.09 -7.08	240.53 5.37 -9.83	76.39 1.66 -4.01	65.52 1.09 -3.49	54.37 0.59 -3.81	51.94 0.48 -3.51	37.31 0.25 -1.39
MILLSEAT___LFGE 323607	34.14 -0.67 -0.03	28.88 -0.68 0.00	21.36 -0.69 0.00	23.68 -0.51 0.00	25.06 -0.57 0.00	30.38 -0.57 0.00	29.69 -0.59 0.00	33.63 -1.21 0.00	30.26 -0.25 0.00	34.75 0.19 -7.50	34.00 0.14 -8.37	28.91 0.05 -7.00	25.85 0.20 0.67	27.01 0.49 0.87	28.35 0.04 0.94	31.00 -0.46 0.65	54.11 -1.91 -1.51	206.80 -5.22 -4.58	225.11 -6.66 -6.44	71.14 -2.20 -2.63	61.09 -2.14 -2.28	50.53 -1.94 -2.50	48.94 -1.31 -2.30	35.73 -0.85 -0.91
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.32 1.53 0.00	30.80 1.25 0.00	22.94 0.88 0.00	25.08 0.89 0.00	26.59 0.96 0.00	32.13 1.17 0.00	32.02 1.44 -0.30	37.35 1.70 -0.79	32.05 1.54 0.00	31.47 1.41 -2.99	29.89 1.64 -2.76	26.51 1.50 -3.14	33.41 1.80 -5.29	35.44 1.90 -6.16	38.05 2.09 -6.70	41.41 2.14 -7.14	62.47 3.24 -4.73	229.88 11.94 -10.51	240.67 12.20 -3.15	75.30 3.82 -0.76	63.37 2.42 0.00	51.43 1.46 0.00	49.30 1.34 0.00	36.81 1.14 0.00
MILLWOOD_13_KV_LOAD 356217	36.40 1.62 0.00	30.87 1.31 0.00	22.98 0.93 0.00	25.13 0.95 0.00	26.64 1.01 0.00	32.19 1.24 0.00	32.09 1.51 -0.30	37.42 1.78 -0.79	32.13 1.62 0.00	31.53 1.48 -2.99	29.96 1.70 -2.76	26.56 1.55 -3.14	33.47 1.86 -5.29	35.52 1.98 -6.16	38.12 2.16 -6.70	41.50 2.24 -7.14	62.64 3.40 -4.73	230.58 12.64 -10.51	241.40 12.92 -3.15	75.53 4.05 -0.76	63.56 2.61 0.00	51.58 1.60 0.00	49.43 1.47 0.00	36.90 1.23 0.00
MODEL_CITY_ENERGY 24167	33.23 -1.58 -0.03	28.13 -1.42 0.00	20.79 -1.26 0.00	23.10 -1.08 0.00	24.42 -1.21 0.00	29.56 -1.39 0.00	28.71 -1.57 0.00	32.29 -2.56 0.00	29.19 -1.32 0.00	33.42 -0.55 -6.90	32.70 -0.49 -7.70	27.82 -0.47 -6.43	25.21 -0.39 0.72	26.17 -0.30 0.91	27.58 -0.69 0.99	30.06 -1.35 0.71	52.31 -3.67 -1.47	198.53 -13.45 -4.54	214.70 -17.05 -6.42	67.88 -5.45 -2.62	58.44 -4.78 -2.28	48.52 -3.95 -2.49	47.23 -3.01 -2.29	34.65 -1.92 -0.90
MODERN_LFGE___ 323580	33.23 -1.58 -0.03	28.13 -1.42 0.00	20.79 -1.26 0.00	23.10 -1.08 0.00	24.42 -1.21 0.00	29.56 -1.39 0.00	28.71 -1.57 0.00	32.29 -2.56 0.00	29.19 -1.32 0.00	33.42 -0.55 -6.90	32.70 -0.49 -7.70	27.82 -0.47 -6.43	25.21 -0.39 0.72	26.17 -0.30 0.91	27.58 -0.69 0.99	30.06 -1.35 0.71	52.31 -3.67 -1.47	198.53 -13.45 -4.54	214.70 -17.05 -6.42	67.88 -5.45 -2.62	58.44 -4.78 -2.28	48.52 -3.95 -2.49	47.23 -3.01 -2.29	34.65 -1.92 -0.90
MOHAWK_PAPER___DRP 24187	35.51 0.73 0.00	30.23 0.67 0.00	22.60 0.55 0.00	24.73 0.54 0.00	26.22 0.58 0.00	31.72 0.77 0.00	34.95 0.97 -3.71	45.86 1.16 -9.85	31.38 0.86 0.00	28.23 0.59 -0.57	26.73 0.55 -0.69	23.15 0.50 -0.79	28.22 0.57 -1.33	29.57 0.64 -1.55	31.67 0.73 -1.69	34.82 0.90 -1.80	57.14 1.44 -1.19	255.22 6.58 -41.20	267.14 7.08 -34.74	77.40 2.16 -4.53	62.29 1.34 0.00	50.85 0.88 0.00	48.60 0.65 0.00	36.19 0.52 0.00
MOHICAN___35_KV_115KV_LD 80490	36.18 1.40 0.00	30.83 1.28 0.00	23.02 0.97 0.00	25.23 1.04 0.00	26.75 1.12 0.00	32.40 1.45 0.00	34.08 1.80 -2.00	42.37 2.20 -5.32	32.05 1.54 0.00	28.45 0.87 -0.51	26.72 0.63 -0.60	23.11 0.56 -0.68	28.20 0.73 -1.16	29.51 0.79 -1.35	31.65 0.92 -1.47	35.07 1.39 -1.56	58.51 2.97 -1.03	242.69 13.32 -21.92	258.58 14.54 -18.71	77.68 4.59 -2.37	64.39 3.44 0.00	52.22 2.25 0.00	49.78 1.82 0.00	37.00 1.33 0.00
MONGAUP___HYD 23641	36.35 1.57 0.00	30.82 1.26 0.00	22.95 0.90 0.00	25.11 0.92 0.00	26.63 0.99 0.00	32.19 1.24 0.00	32.06 1.54 -0.25	37.33 1.82 -0.66	31.96 1.45 0.00	22.13 1.06 6.00	16.26 1.17 10.40	11.10 1.09 11.86	7.57 1.31 20.06	5.46 1.43 23.35	5.47 1.63 25.42	6.68 1.65 27.09	39.09 2.52 17.93	210.43 11.60 8.62	241.65 13.82 -2.50	75.78 4.44 -0.62	63.93 2.99 0.00	51.86 1.89 0.00	49.64 1.69 0.00	36.92 1.25 0.00
MONTAUK___DIESEL 23721	36.25 1.47 0.00	31.05 1.49 0.00	23.12 1.07 0.00	25.21 1.02 0.00	26.83 1.20 0.00	32.34 1.39 0.00	31.96 1.39 -0.30	36.72 1.59 -0.27	31.98 1.47 0.00	31.14 1.44 -2.63	23.98 2.08 3.59	-3.59 1.84 27.30	26.79 1.97 1.50	43.53 1.82 -14.33	47.17 1.87 -16.04	47.94 1.77 -14.04	63.17 2.86 -5.80	62.13 10.35 155.66	70.58 8.31 163.05	45.00 2.18 27.90	49.01 0.75 12.69	42.82 -0.13 7.02	45.94 -0.33 1.69	35.90 0.23 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.58 -1.24 -0.03	28.05 -1.50 0.00	20.73 -1.33 0.00	22.91 -1.28 0.00	24.30 -1.34 0.00	29.74 -1.21 0.00	29.45 -0.82 0.00	33.45 -1.41 0.00	30.22 -0.29 0.00	33.51 0.40 -6.04	33.04 0.81 -6.73	28.15 0.70 -5.59	26.22 0.70 0.80	27.23 0.85 1.01	28.96 0.80 1.10	31.60 0.30 0.81	55.61 -0.32 -1.43	211.31 -0.69 -4.56	228.81 -3.04 -6.52	72.23 -1.15 -2.66	61.37 -1.89 -2.31	50.02 -2.48 -2.53	48.19 -2.09 -2.33	34.58 -2.01 -0.92

MORRIS_RIDGE___SOLAR 323848	33.33 -1.48 -0.03	28.06 -1.50 0.00	20.84 -1.22 0.00	23.08 -1.10 0.00	24.44 -1.20 0.00	29.54 -1.41 0.00	29.20 -1.07 0.00	33.13 -1.72 0.00	29.42 -1.09 0.00	30.75 -0.68 -4.36	30.02 -0.33 -4.85	25.52 -0.32 -3.97	24.98 -0.40 0.94	26.02 -0.22 1.14	27.61 -0.40 1.25	30.25 -0.91 0.96	53.87 -2.07 -1.44	206.02 -6.16 -4.74	225.42 -6.77 -6.85	71.42 -2.10 -2.80	61.27 -2.11 -2.43	50.69 -1.94 -2.66	48.74 -1.66 -2.45	34.86 -1.77 -0.97
MORTIMER_115KV_TB3 55949	34.43 -0.38 -0.03	29.16 -0.39 0.00	21.65 -0.41 0.00	23.87 -0.31 0.00	25.29 -0.35 0.00	30.65 -0.30 0.00	30.11 -0.17 0.00	34.30 -0.55 0.00	30.56 0.05 0.00	36.82 0.35 -9.40	36.11 0.43 -10.19	30.82 0.39 -8.56	26.24 0.47 0.55	27.24 0.60 0.74	29.60 0.54 0.20	32.76 0.29 -0.35	56.62 -0.08 -2.19	213.85 1.27 -5.13	231.73 -0.08 -6.48	73.07 -0.29 -2.64	62.62 -0.62 -2.30	51.71 -0.77 -2.51	49.75 -0.51 -2.31	36.14 -0.44 -0.91
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.58 1.80 0.00	31.04 1.48 0.00	23.10 1.05 0.00	25.25 1.07 0.00	26.77 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.94 -0.80	32.32 1.81 0.00	31.59 1.69 -2.84	30.02 1.92 -2.61	26.59 1.75 -2.97	33.42 2.10 -5.00	35.42 2.22 -5.82	37.99 2.40 -6.33	41.32 2.45 -6.75	62.68 3.70 -4.47	231.29 13.44 -10.40	242.09 13.57 -3.20	75.75 4.26 -0.77	63.71 2.77 0.00	51.71 1.73 0.00	49.57 1.61 0.00	37.05 1.38 0.00
MUNSVILLE_WIND_PWR 323609	36.01 1.19 -0.04	30.48 0.92 0.00	22.67 0.62 0.00	25.16 0.97 0.00	26.67 1.03 0.00	32.42 1.47 0.00	32.19 1.92 0.00	37.01 2.16 0.00	32.76 2.25 0.00	28.41 1.36 0.02	26.66 1.23 0.06	22.65 1.06 0.27	26.14 1.38 1.56	27.01 1.35 1.72	28.80 1.43 1.89	31.97 1.48 1.64	58.39 2.86 -1.03	225.53 13.60 -4.49	249.88 17.57 -6.99	79.07 5.50 -2.85	67.19 3.77 -2.48	54.89 2.20 -2.71	51.87 1.42 -2.49	37.55 0.90 -0.98
N SALMON___HYD 24042	35.51 0.73 0.00	30.00 0.45 0.00	22.29 0.23 0.00	24.39 0.20 0.00	25.87 0.23 0.00	31.36 0.41 0.00	30.59 0.31 0.00	35.38 0.52 0.00	31.09 0.58 0.00	27.73 0.65 0.00	25.89 0.39 0.00	21.99 0.12 0.00	26.27 -0.05 0.00	27.09 -0.30 0.00	28.77 -0.49 0.00	31.44 -0.68 0.00	53.73 -0.78 0.00	205.23 -2.21 0.00	225.65 0.32 0.00	71.37 -0.44 -1.10	62.48 0.03 -1.51	51.71 0.53 -1.21	48.92 0.97 0.00	36.50 0.83 0.00
N.AKRON__115KV_KNAPP 355671	33.97 -0.84 -0.03	28.73 -0.82 0.00	21.24 -0.81 0.00	23.56 -0.62 0.00	24.94 -0.70 0.00	30.20 -0.76 0.00	29.48 -0.80 0.00	33.33 -1.52 0.00	30.03 -0.48 0.00	34.47 0.06 -7.34	33.72 0.04 -8.19	28.69 -0.03 -6.85	25.66 0.02 0.68	27.11 0.61 0.88	28.22 -0.08 0.96	30.86 -0.59 0.67	53.76 -2.24 -1.50	204.96 -7.05 -4.57	222.73 -9.04 -6.44	70.42 -2.92 -2.63	60.50 -2.73 -2.28	50.10 -2.37 -2.49	48.59 -1.66 -2.30	35.50 -1.08 -0.91
N.E_GEN_SANDY PD 24062	35.77 0.98 0.00	30.32 0.83 0.06	22.82 0.69 -0.08	24.87 0.69 0.00	26.36 0.72 0.00	31.90 0.95 0.00	34.95 1.19 -3.48	41.50 1.45 -5.20	31.67 1.16 0.00	29.16 0.89 -1.20	27.68 0.89 -1.30	24.13 0.78 -1.48	29.70 0.90 -2.49	31.25 0.98 -2.89	33.46 1.05 -3.15	36.83 1.26 -3.44	58.66 1.93 -2.22	235.29 7.95 -19.89	248.43 8.29 -14.81	79.99 2.67 -6.60	62.59 1.64 0.00	50.98 1.00 0.00	49.36 0.76 -0.64	33.83 0.64 2.49
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	36.30 1.52 0.00	30.76 1.21 0.00	22.89 0.84 0.00	25.02 0.84 0.00	26.54 0.90 0.00	32.07 1.12 0.00	31.96 1.41 -0.28	37.26 1.66 -0.75	31.98 1.47 0.00	21.12 1.35 7.30	30.53 1.62 -3.43	27.26 1.50 -3.90	34.70 1.81 -6.57	36.96 1.94 -7.65	39.74 2.16 -8.32	43.20 2.21 -8.87	63.72 3.35 -5.87	230.95 12.57 -10.95	241.16 12.93 -2.91	75.38 3.95 -0.71	63.43 2.48 0.00	51.45 1.48 0.00	49.33 1.37 0.00	36.80 1.13 0.00
N.QUEENS_27_KV_LOAD 356247	36.82 2.03 0.00	31.22 1.66 0.00	23.24 1.18 0.00	25.40 1.21 0.00	26.92 1.28 0.00	32.54 1.59 0.00	32.46 1.89 -0.30	37.86 2.21 -0.80	32.58 2.06 0.00	31.82 1.91 -2.84	30.21 2.11 -2.61	26.76 1.92 -2.97	33.62 2.30 -5.00	35.61 2.41 -5.82	38.12 2.52 -6.33	41.47 2.59 -6.75	62.89 3.91 -4.47	231.48 13.64 -10.40	242.83 14.30 -3.20	76.04 4.55 -0.77	64.02 3.08 0.00	51.97 2.00 0.00	49.88 1.93 0.00	37.33 1.66 0.00
N.TROY___115KV_TB1 355778	35.73 0.95 0.00	30.38 0.83 0.00	22.72 0.67 0.00	24.87 0.68 0.00	26.37 0.73 0.00	31.92 0.97 0.00	34.77 1.19 -3.30	45.06 1.44 -8.77	31.56 1.05 0.00	28.36 0.71 -0.58	26.80 0.63 -0.68	23.20 0.56 -0.78	28.29 0.65 -1.31	29.63 0.72 -1.53	31.72 0.79 -1.67	34.94 1.04 -1.78	57.44 1.76 -1.18	252.27 7.99 -36.84	264.88 8.60 -30.96	77.45 2.69 -4.04	62.74 1.79 0.00	51.15 1.18 0.00	48.88 0.92 0.00	36.38 0.72 0.00
NARROWS_GT1_1 24228	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT1_2 24229	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT1_3 24230	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT1_4 24231	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT1_5 24232	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00

NARROWS_GT1_6 24233	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT1_7 24234	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT1_8 24235	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_1 24236	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_2 24237	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_3 24238	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_4 24239	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_5 24240	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_6 24241	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_7 24242	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NARROWS_GT2_8 24243	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.81 -4.47	231.74 13.89 -10.40	242.83 14.30 -3.20	75.98 4.49 -0.77	63.87 2.93 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.31 0.53 0.00	30.06 0.51 0.00	22.49 0.43 0.00	24.61 0.43 0.00	26.10 0.46 0.00	31.59 0.64 0.00	27.80 0.90 3.38	26.99 1.12 8.97	31.23 0.71 0.00	27.33 0.26 0.00	26.47 0.12 -0.86	22.94 0.09 -0.98	28.06 0.08 -1.66	29.42 0.10 -1.94	31.54 0.16 -2.11	34.69 0.32 -2.25	56.61 0.62 -1.48	169.56 5.15 43.04	199.65 6.82 32.50	67.91 2.16 4.97	62.30 1.36 0.00	50.90 0.93 0.00	48.57 0.61 0.00	36.10 0.43 0.00
NCHELSEA_115KV_TR2 355582	36.48 1.70 0.00	30.94 1.38 0.00	23.06 1.01 0.00	25.22 1.04 0.00	26.75 1.11 0.00	32.32 1.37 0.00	32.17 1.65 -0.24	37.44 1.95 -0.64	32.24 1.73 0.00	28.14 1.53 0.46	29.67 1.72 -2.45	26.22 1.56 -2.79	32.91 1.88 -4.71	34.88 2.02 -5.48	37.46 2.23 -5.97	40.87 2.39 -6.36	62.48 3.76 -4.21	230.72 14.22 -9.05	242.53 14.75 -2.45	75.98 4.61 -0.64	64.07 3.12 0.00	52.00 2.03 0.00	49.77 1.82 0.00	37.09 1.42 0.00
NEG CAPITAL___MECHNVIL 23645	36.17 1.39 0.00	30.76 1.20 0.00	22.98 0.93 0.00	25.16 0.98 0.00	26.68 1.05 0.00	32.32 1.36 0.00	34.28 1.59 -2.41	43.15 1.90 -6.40	31.93 1.42 0.00	28.56 0.96 -0.53	26.96 0.84 -0.63	23.33 0.74 -0.72	28.42 0.89 -1.21	29.76 0.97 -1.41	31.90 1.10 -1.54	35.21 1.44 -1.64	58.24 2.65 -1.09	245.92 11.88 -26.60	260.67 12.79 -22.55	77.60 3.99 -2.89	63.86 2.91 0.00	51.98 2.00 0.00	49.62 1.67 0.00	36.90 1.23 0.00
NEG CENTRAL_HIGH_ACRES 23767	33.83 -0.99 -0.03	28.65 -0.90 0.00	21.29 -0.76 0.00	23.46 -0.72 0.00	24.87 -0.77 0.00	30.15 -0.81 0.00	29.66 -0.62 0.00	33.76 -1.09 0.00	29.89 -0.62 0.00	23.84 -0.36 2.87	22.01 -0.27 3.22	18.94 -0.22 2.70	26.25 -0.04 0.03	27.42 0.02 -0.01	29.26 0.00 0.00	32.30 -0.22 -0.39	56.17 -0.80 -2.47	211.93 -1.31 -5.80	229.78 -2.86 -7.32	72.52 -1.18 -2.98	62.18 -1.35 -2.60	51.40 -1.41 -2.84	49.33 -1.23 -2.61	35.73 -0.97 -1.03



NEG CENTRAL___DRP 24199	34.71 -0.13 -0.06	29.35 -0.20 0.00	21.84 -0.21 0.00	24.04 -0.15 0.00	25.50 -0.14 0.00	30.89 -0.06 0.00	30.42 0.14 0.00	34.89 0.03 0.00	30.65 0.14 0.00	26.64 0.10 0.54	25.08 0.19 0.60	21.75 0.15 0.26	26.52 0.20 0.00	27.71 0.31 -0.02	29.61 0.35 0.00	32.99 0.29 -0.58	58.41 0.27 -3.63	218.30 2.33 -8.53	238.41 2.31 -10.77	75.93 0.81 -4.39	65.15 0.39 -3.82	54.12 -0.03 -4.18	51.71 -0.09 -3.85	36.97 -0.21 -1.52
NEG CENTRAL___INDECK 23768	34.95 0.14 -0.03	29.47 -0.09 0.00	21.88 -0.17 0.00	24.16 -0.02 0.00	25.59 -0.04 0.00	31.04 0.09 0.00	30.79 0.51 0.00	35.15 0.30 0.00	31.13 0.62 0.00	33.33 0.52 -5.74	32.60 0.70 -6.40	27.80 0.61 -5.32	26.31 0.79 0.81	27.26 0.87 0.99	29.00 0.83 1.08	31.91 0.58 0.79	56.45 0.41 -1.53	216.72 4.49 -4.79	238.88 6.75 -6.80	75.66 2.17 -2.78	64.80 1.45 -2.41	53.46 0.85 -2.64	51.24 0.86 -2.43	36.80 0.17 -0.96
NEG CENTRAL___SENECA 23627	34.66 -0.16 -0.04	29.29 -0.26 0.00	21.79 -0.27 0.00	24.01 -0.17 0.00	25.45 -0.18 0.00	30.85 -0.10 0.00	30.41 0.14 0.00	34.79 -0.06 0.00	30.66 0.15 0.00	25.78 0.15 1.45	24.13 0.27 1.63	20.59 0.20 1.48	25.87 0.28 0.73	26.96 0.41 0.83	28.81 0.47 0.92	31.95 0.33 0.51	57.03 0.24 -2.29	215.75 1.93 -6.38	235.65 1.63 -8.69	75.04 0.77 -3.55	64.35 0.32 -3.08	53.24 -0.10 -3.37	50.93 -0.12 -3.10	36.60 -0.30 -1.22
NEG CENTRAL___STATE_STREET 24147	34.93 0.08 -0.06	29.60 0.04 0.00	21.97 -0.08 0.00	24.14 -0.04 0.00	25.68 0.04 0.00	31.12 0.16 0.00	30.53 0.25 0.00	35.16 0.31 0.00	30.80 0.29 0.00	27.23 0.16 0.00	25.69 0.20 0.00	22.05 0.19 0.00	26.55 0.23 0.00	27.71 0.31 -0.02	29.53 0.27 0.00	33.10 0.32 -0.65	59.13 0.52 -4.10	220.62 3.55 -9.62	241.56 4.09 -12.15	76.73 1.05 -4.95	65.94 0.69 -4.31	54.95 0.27 -4.71	52.50 0.21 -4.34	37.44 0.06 -1.71
NEG MILLWOOD___DRP 24198	36.57 1.79 0.00	31.01 1.46 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.77 1.14 0.00	32.38 1.42 0.00	32.26 1.71 -0.28	37.61 2.02 -0.73	32.34 1.83 0.00	29.69 1.66 -0.97	29.63 1.83 -2.31	26.14 1.64 -2.64	32.72 1.97 -4.43	34.63 2.09 -5.16	37.17 2.29 -5.62	40.56 2.45 -5.98	62.30 3.83 -3.96	231.50 14.47 -9.58	243.24 15.01 -2.90	76.18 4.74 -0.72	64.14 3.20 0.00	52.06 2.09 0.00	49.82 1.86 0.00	37.14 1.47 0.00
NEG NORTH_FLCN_SEA 23793	35.61 0.83 0.00	29.97 0.42 0.00	22.23 0.18 0.00	24.23 0.05 0.00	25.67 0.04 0.00	31.20 0.25 0.00	30.49 0.21 0.00	35.19 0.34 0.00	30.93 0.42 0.00	27.83 0.76 0.00	26.02 0.53 0.00	21.98 0.11 0.00	25.90 -0.42 0.00	26.36 -1.02 0.00	27.91 -1.36 0.00	30.23 -1.89 0.00	51.59 -2.92 0.00	196.65 -10.79 0.00	215.97 -9.36 0.00	43.77 -3.77 23.18	26.26 -2.92 31.76	22.98 -1.47 25.52	47.82 -0.14 0.00	36.21 0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	35.15 0.37 0.00	29.65 0.10 0.00	22.02 -0.04 0.00	24.07 -0.11 0.00	25.53 -0.11 0.00	30.95 0.00 0.00	30.15 -0.13 0.00	34.84 -0.01 0.00	30.63 0.12 0.00	27.44 0.37 0.00	25.67 0.18 0.00	21.80 -0.06 0.00	25.97 -0.35 0.00	26.73 -0.65 0.00	28.41 -0.85 0.00	30.98 -1.14 0.00	52.89 -1.61 0.00	201.50 -5.95 0.00	220.88 -4.45 0.00	70.34 -2.03 -1.65	61.82 -1.38 -2.26	51.22 -0.57 -1.81	47.97 0.02 0.00	35.92 0.25 0.00
NEG NORTH___ALICE_FALLS 23915	35.64 0.86 0.00	30.01 0.45 0.00	22.26 0.20 0.00	24.28 0.10 0.00	25.74 0.10 0.00	31.27 0.32 0.00	30.56 0.28 0.00	35.29 0.44 0.00	30.98 0.47 0.00	27.79 0.72 0.00	25.99 0.50 0.00	22.00 0.13 0.00	26.03 -0.29 0.00	26.63 -0.75 0.00	28.23 -1.03 0.00	30.66 -1.46 0.00	52.37 -2.14 0.00	200.17 -7.27 0.00	220.25 -5.08 0.00	80.59 -2.37 -12.24	76.00 -1.72 -16.78	62.76 -0.70 -13.48	48.25 0.30 0.00	36.34 0.67 0.00
NEG NORTH___LWR_SARANAC 23913	35.64 0.86 0.00	30.01 0.45 0.00	22.26 0.20 0.00	24.28 0.10 0.00	25.74 0.10 0.00	31.27 0.32 0.00	30.56 0.28 0.00	35.29 0.44 0.00	30.98 0.47 0.00	27.79 0.72 0.00	25.99 0.50 0.00	22.00 0.13 0.00	26.03 -0.29 0.00	26.63 -0.75 0.00	28.23 -1.03 0.00	30.66 -1.46 0.00	52.37 -2.14 0.00	200.17 -7.27 0.00	220.25 -5.08 0.00	80.59 -2.37 -12.24	76.00 -1.72 -16.78	62.76 -0.70 -13.48	48.25 0.30 0.00	36.34 0.67 0.00
NEG NORTH___PLATTSBURG 23628	35.64 0.86 0.00	30.01 0.45 0.00	22.26 0.20 0.00	24.28 0.10 0.00	25.74 0.10 0.00	31.27 0.32 0.00	30.56 0.28 0.00	35.29 0.44 0.00	30.98 0.47 0.00	27.79 0.72 0.00	25.99 0.50 0.00	22.00 0.13 0.00	26.02 -0.30 0.00	26.63 -0.75 0.00	28.23 -1.03 0.00	30.67 -1.46 0.00	52.37 -2.13 0.00	200.17 -7.27 0.00	220.29 -5.04 0.00	80.60 -2.36 -12.24	76.00 -1.72 -16.78	62.76 -0.70 -13.48	48.25 0.30 0.00	36.34 0.67 0.00
NEG WEST_LEA_LOCKPORT 23791	33.40 -1.41 -0.03	28.27 -1.29 0.00	20.90 -1.16 0.00	23.20 -0.98 0.00	24.54 -1.10 0.00	29.69 -1.27 0.00	28.88 -1.39 0.00	32.50 -2.35 0.00	29.37 -1.15 0.00	33.66 -0.41 -7.00	32.96 -0.34 -7.81	28.05 -0.33 -6.52	25.23 -0.38 0.71	26.30 -0.17 0.90	27.73 -0.55 0.99	30.25 -1.18 0.70	52.68 -3.30 -1.48	200.07 -11.93 -4.55	216.51 -15.25 -6.43	68.48 -4.86 -2.63	58.90 -4.33 -2.28	48.90 -3.57 -2.49	47.57 -2.68 -2.30	34.77 -1.80 -0.91
NEG WEST___LANCASTR 23811	33.55 -1.27 -0.03	28.37 -1.19 0.00	20.97 -1.08 0.00	23.28 -0.90 0.00	24.64 -1.00 0.00	29.83 -1.12 0.00	29.27 -1.01 0.00	33.13 -1.73 0.00	29.81 -0.70 0.00	33.05 -0.02 -6.00	32.39 0.21 -6.69	27.54 0.12 -5.55	25.57 0.05 0.80	26.52 0.15 1.01	28.11 -0.05 1.10	30.69 -0.61 0.82	53.92 -2.02 -1.43	204.29 -7.71 -4.55	221.25 -10.60 -6.52	69.91 -3.47 -2.66	60.07 -3.19 -2.31	49.78 -2.72 -2.53	48.26 -2.02 -2.33	35.02 -1.57 -0.92
NEG_PENN_ALLEGHNY 23528	34.85 0.04 -0.04	29.49 -0.07 0.00	21.97 -0.08 0.00	24.18 0.00 0.00	25.63 0.00 0.00	30.99 0.04 0.00	30.58 0.30 0.00	35.04 0.19 0.00	30.73 0.22 0.00	27.97 0.22 -0.68	26.62 0.40 -0.73	22.61 0.36 -0.38	25.27 0.45 1.49	26.17 0.54 1.75	27.95 0.61 1.92	30.92 0.47 1.67	56.25 0.74 -1.01	214.61 2.69 -4.48	234.84 2.51 -7.00	74.33 0.75 -2.86	63.74 0.31 -2.48	52.63 -0.06 -2.72	50.38 -0.07 -2.50	36.46 -0.19 -0.99
NEG___GEN_MONROE 24207	34.59 -0.22 -0.03	29.28 -0.27 0.00	21.72 -0.33 0.00	23.97 -0.22 0.00	25.39 -0.24 0.00	30.79 -0.17 0.00	30.23 -0.04 0.00	34.44 -0.41 0.00	30.73 0.21 0.00	36.87 0.48 -9.32	36.11 0.54 -10.09	30.83 0.48 -8.48	26.28 0.52 0.56	27.33 0.70 0.75	29.06 0.62 0.82	31.94 0.34 0.52	56.04 -0.08 -1.61	213.83 1.72 -4.67	232.56 0.76 -6.48	73.38 0.02 -2.64	62.87 -0.37 -2.30	51.88 -0.60 -2.51	49.95 -0.32 -2.31	36.30 -0.28 -0.91
NEPA___ENERGY 23901	33.65 -1.17 -0.03	28.24 -1.32 0.00	20.87 -1.18 0.00	23.17 -1.01 0.00	24.56 -1.08 0.00	29.75 -1.20 0.00	29.37 -0.91 0.00	33.32 -1.53 0.00	29.84 -0.67 0.00	32.89 -0.15 -5.98	32.40 0.25 -6.66	27.60 0.21 -5.53	25.76 0.25 0.81	26.75 0.37 1.01	28.50 0.34 1.10	31.02 -0.28 0.82	54.77 -1.16 -1.42	206.62 -5.37 -4.55	223.85 -7.99 -6.51	70.68 -2.70 -2.65	60.73 -2.52 -2.31	49.98 -2.52 -2.31	48.41 -1.86 -2.32	34.90 -1.69 -0.92

NEVERSINK___HYD 23608	35.76 0.97 0.00	30.31 0.75 0.00	22.58 0.53 0.00	24.70 0.51 0.00	26.18 0.54 0.00	31.65 0.70 0.00	31.28 1.01 0.00	36.07 1.22 0.00	31.51 1.01 0.00	25.34 0.83 2.55	25.99 0.99 0.48	22.24 0.93 0.55	26.51 1.13 0.94	27.55 1.26 1.09	29.52 1.44 1.18	32.36 1.50 1.26	56.07 2.40 0.83	216.53 9.75 0.66	235.82 10.49 0.00	73.98 3.26 0.00	62.89 1.95 0.00	51.03 1.06 0.00	48.83 0.88 0.00	36.35 0.68 0.00
NEWKRMKL_115KV_TB1 55635	35.08 0.29 0.00	29.89 0.33 0.00	22.36 0.30 0.00	24.46 0.28 0.00	25.94 0.30 0.00	31.35 0.39 0.00	30.40 0.61 0.49	34.28 0.73 1.30	31.01 0.50 0.00	27.92 0.30 -0.55	26.47 0.30 -0.68	22.93 0.29 -0.77	27.94 0.31 -1.30	29.25 0.35 -1.52	31.35 0.43 -1.66	34.43 0.54 -1.76	56.43 0.75 -1.17	201.15 3.67 9.96	223.99 3.85 5.18	70.64 1.15 1.22	61.45 0.50 0.00	50.20 0.22 0.00	47.98 0.03 0.00	35.74 0.07 0.00
NEWTON___FALLS_HYD 23847	35.06 0.26 -0.02	29.76 0.21 0.00	22.15 0.10 0.00	24.30 0.11 0.00	25.75 0.12 0.00	31.15 0.19 0.00	30.64 0.36 0.00	35.43 0.57 0.00	30.97 0.46 0.00	27.27 0.20 0.00	25.53 0.04 0.00	21.83 -0.04 0.00	26.16 -0.16 0.00	27.14 -0.25 -0.01	28.94 -0.32 0.00	31.92 -0.43 -0.23	55.56 -0.38 -1.44	212.74 1.93 -3.37	235.79 6.20 -4.25	74.63 2.18 -1.74	64.56 2.10 -1.51	53.49 1.87 -1.65	51.21 1.74 -1.52	37.45 1.18 -0.60
NGRID_A1_DSASP 323792	33.24 -1.57 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.18 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.26 -7.47	27.83 -0.27 -6.23	25.41 -0.18 0.73	26.33 -0.13 0.92	27.76 -0.50 1.00	30.23 -1.17 0.72	52.17 -3.79 -1.45	197.05 -14.90 -4.50	212.73 -18.99 -6.39	67.32 -6.00 -2.60	57.98 -5.23 -2.27	48.19 -4.27 -2.48	47.01 -3.23 -2.28	34.51 -2.06 -0.90
NGRID_A2_DSASP 323793	33.24 -1.57 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.18 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.26 -7.47	27.83 -0.27 -6.23	25.41 -0.18 0.73	26.33 -0.13 0.92	27.76 -0.50 1.00	30.23 -1.17 0.72	52.17 -3.79 -1.45	197.05 -14.90 -4.50	212.73 -18.99 -6.39	67.32 -6.00 -2.60	57.98 -5.23 -2.27	48.19 -4.27 -2.48	47.01 -3.23 -2.28	34.51 -2.06 -0.90
NGRID_A4_DSASP 323807	33.24 -1.57 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.18 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.26 -7.47	27.83 -0.27 -6.23	25.41 -0.18 0.73	26.33 -0.13 0.92	27.76 -0.50 1.00	30.23 -1.17 0.72	52.17 -3.79 -1.45	197.05 -14.90 -4.50	212.73 -18.99 -6.39	67.32 -6.00 -2.60	57.98 -5.23 -2.27	48.19 -4.27 -2.48	47.01 -3.23 -2.28	34.51 -2.06 -0.90
NIAGARA_115E_LBMP 323715	33.10 -1.72 -0.03	28.03 -1.52 0.00	20.71 -1.35 0.00	23.01 -1.17 0.00	24.33 -1.31 0.00	29.45 -1.50 0.00	28.57 -1.70 0.00	32.11 -2.74 0.00	29.04 -1.47 0.00	33.21 -0.66 -6.81	32.49 -0.60 -7.59	27.63 -0.57 -6.33	25.10 -0.50 0.73	26.03 -0.44 0.92	27.43 -0.83 1.00	29.91 -1.50 0.71	52.03 -3.94 -1.46	197.35 -14.62 -4.53	213.34 -18.40 -6.42	67.45 -5.89 -2.62	58.09 -5.13 -2.28	48.24 -4.22 -2.49	46.99 -3.26 -2.29	34.52 -2.06 -0.90
NIAGARA_115W_LBMP 323714	33.20 -1.61 -0.03	28.12 -1.43 0.00	20.79 -1.26 0.00	23.11 -1.08 0.00	24.42 -1.21 0.00	29.54 -1.41 0.00	28.80 -1.48 0.00	32.40 -2.45 0.00	29.29 -1.22 0.00	33.37 -0.40 -6.70	32.67 -0.29 -7.47	27.80 -0.30 -6.23	25.38 -0.22 0.73	26.29 -0.17 0.92	27.72 -0.54 1.00	30.17 -1.23 0.72	52.04 -3.91 -1.45	196.50 -15.44 -4.50	212.25 -19.46 -6.38	67.17 -6.16 -2.60	57.85 -5.36 -2.26	48.09 -4.37 -2.47	46.90 -3.33 -2.28	34.45 -2.12 -0.90
NIAGARA_230_LBMP 323716	33.28 -1.53 -0.03	28.19 -1.36 0.00	20.85 -1.21 0.00	23.16 -1.02 0.00	24.48 -1.15 0.00	29.62 -1.34 0.00	28.88 -1.40 0.00	32.53 -2.33 0.00	29.38 -1.14 0.00	33.42 -0.37 -6.71	32.74 -0.24 -7.49	27.85 -0.26 -6.25	25.42 -0.18 0.72	26.33 -0.13 0.92	27.79 -0.47 1.00	30.30 -1.10 0.71	52.71 -3.24 -1.45	199.85 -12.08 -4.48	216.01 -15.67 -6.36	68.25 -5.06 -2.59	58.75 -4.45 -2.26	48.77 -3.67 -2.46	47.47 -2.75 -2.27	34.71 -1.85 -0.89
NIAGARA___115KV_198_GIBSON 55903	33.20 -1.61 -0.03	28.12 -1.43 0.00	20.79 -1.26 0.00	23.11 -1.08 0.00	24.42 -1.22 0.00	29.53 -1.42 0.00	28.80 -1.48 0.00	32.40 -2.46 0.00	29.30 -1.21 0.00	33.37 -0.40 -6.70	32.66 -0.31 -7.47	27.80 -0.30 -6.23	25.24 -0.35 0.73	26.24 -0.22 0.92	27.70 -0.56 1.00	30.17 -1.24 0.72	52.07 -3.89 -1.45	196.68 -15.26 -4.50	212.33 -19.38 -6.38	67.24 -6.08 -2.60	57.88 -5.33 -2.26	48.10 -4.35 -2.47	46.93 -3.30 -2.28	34.45 -2.12 -0.90
NIAGARA____ 23760	33.28 -1.53 -0.03	28.19 -1.36 0.00	20.85 -1.21 0.00	23.16 -1.02 0.00	24.48 -1.15 0.00	29.62 -1.34 0.00	28.88 -1.40 0.00	32.53 -2.33 0.00	29.38 -1.14 0.00	33.45 -0.37 -6.74	32.77 -0.24 -7.52	27.88 -0.26 -6.28	25.42 -0.18 0.72	26.33 -0.13 0.92	27.79 -0.47 1.00	30.30 -1.10 0.72	52.72 -3.24 -1.45	199.86 -12.08 -4.50	216.03 -15.67 -6.38	68.26 -5.06 -2.60	58.76 -4.45 -2.26	48.77 -3.67 -2.47	47.49 -2.75 -2.28	34.72 -1.85 -0.90
NINE_MILE_1 23575	33.36 -1.03 0.39	28.66 -0.89 0.00	21.38 -0.68 0.00	23.46 -0.72 0.00	24.87 -0.77 0.00	30.08 -0.88 0.00	29.53 -0.75 0.00	34.00 -0.86 0.00	29.77 -0.74 0.00	26.38 -0.69 0.00	24.89 -0.60 0.00	21.36 -0.51 0.00	25.69 -0.63 0.00	26.62 -0.63 0.13	28.59 -0.67 0.00	27.48 -0.76 3.88	28.81 -1.31 24.38	145.84 -4.36 57.24	148.30 -4.77 72.25	39.73 -1.52 29.47	33.81 -1.50 25.63	20.57 -1.39 28.01	20.78 -1.38 25.79	24.43 -1.06 10.17
NINE_MILE_2 23744	33.35 -1.03 0.40	28.66 -0.89 0.00	21.38 -0.68 0.00	23.46 -0.72 0.00	24.87 -0.77 0.00	30.08 -0.88 0.00	29.53 -0.75 0.00	34.00 -0.86 0.00	29.77 -0.74 0.00	26.38 -0.69 0.00	24.89 -0.60 0.00	21.36 -0.51 0.00	25.69 -0.63 0.00	26.61 -0.63 0.13	28.59 -0.67 0.00	27.41 -0.76 3.95	28.40 -1.31 24.80	144.86 -4.36 58.22	147.07 -4.77 73.49	39.23 -1.52 29.97	33.37 -1.50 26.07	20.09 -1.39 28.49	20.34 -1.38 26.23	24.26 -1.06 10.34
NM_CAPITAL___DRP 24208	35.19 0.41 0.00	29.97 0.42 0.00	22.42 0.37 0.00	24.54 0.35 0.00	26.01 0.38 0.00	31.46 0.50 0.00	33.54 0.70 -2.56	42.51 0.85 -6.81	31.11 0.60 0.00	28.03 0.39 -0.58	26.55 0.36 -0.70	23.02 0.35 -0.80	28.05 0.38 -1.35	29.38 0.43 -1.57	31.48 0.50 -1.71	34.58 0.63 -1.82	56.59 0.88 -1.21	238.69 4.20 -27.05	253.65 4.48 -23.84	75.01 1.36 -2.93	61.59 0.64 0.00	50.32 0.34 0.00	48.11 0.16 0.00	35.84 0.17 0.00
NM_CENTRAL___DRP 24181	34.52 -0.32 -0.05	29.24 -0.31 0.00	21.80 -0.25 0.00	23.94 -0.24 0.00	25.38 -0.26 0.00	30.72 -0.24 0.00	30.20 -0.07 0.00	34.73 -0.12 0.00	30.39 -0.12 0.00	26.91 -0.16 0.00	25.43 -0.07 0.00	21.83 -0.04 0.00	26.27 -0.05 0.00	27.42 0.02 -0.02	29.32 0.06 0.00	32.67 0.03 -0.51	57.76 0.04 -3.22	216.14 1.14 -7.56	236.04 1.17 -9.54	74.92 0.31 -3.89	64.30 -0.03 -3.38	53.36 -0.31 -3.70	50.97 -0.39 -3.41	36.69 -0.32 -1.34

NM_FRONTIER___DRP 24179	33.20 -1.61 -0.03	28.12 -1.43 0.00	20.79 -1.26 0.00	23.11 -1.08 0.00	24.42 -1.22 0.00	29.53 -1.42 0.00	28.80 -1.48 0.00	32.40 -2.46 0.00	29.30 -1.21 0.00	33.37 -0.40 -6.70	32.66 -0.31 -7.47	27.80 -0.30 -6.23	25.24 -0.35 0.73	26.24 -0.22 0.92	27.70 -0.56 1.00	30.17 -1.24 0.72	52.07 -3.89 -1.45	196.68 -15.26 -4.50	212.33 -19.38 -6.38	67.24 -6.08 -2.60	57.88 -5.33 -2.26	48.10 -4.35 -2.47	46.93 -3.30 -2.28	34.45 -2.12 -0.90
NM_ST_REGIS___HYD 24053	35.50 0.70 -0.01	30.09 0.54 0.00	22.38 0.33 0.00	24.53 0.35 0.00	26.02 0.38 0.00	31.45 0.50 0.00	30.71 0.43 0.00	35.48 0.63 0.00	31.06 0.55 0.00	27.48 0.42 0.00	25.62 0.13 0.00	21.85 -0.01 0.00	26.25 -0.07 0.00	27.15 -0.23 0.00	28.86 -0.40 0.00	31.74 -0.50 -0.12	54.70 -0.55 -0.75	207.81 -1.40 -1.76	228.95 1.40 -2.23	72.46 0.37 -1.37	63.32 0.95 -1.43	52.66 1.30 -1.38	50.31 1.56 -0.79	37.13 1.15 -0.31
NORTHPORT___1 23551	36.63 1.85 0.00	31.07 1.52 0.00	23.14 1.09 0.00	25.24 1.06 0.00	26.77 1.13 0.00	32.16 1.20 0.00	31.74 1.16 -0.30	36.28 1.17 -0.26	31.67 1.16 0.00	32.85 1.26 -4.52	43.08 1.92 -15.67	42.68 1.69 -19.13	44.54 1.82 -16.40	45.16 1.77 -16.01	48.26 1.76 -17.24	59.57 1.73 -25.72	77.11 2.58 -20.02	63.84 8.35 151.95	67.78 7.08 164.63	57.56 2.67 15.83	62.34 1.40 0.00	50.61 0.64 0.01	48.48 0.53 0.00	36.54 0.87 0.00
NORTHPORT___2 23552	36.63 1.85 0.00	31.07 1.52 0.00	23.14 1.09 0.00	25.24 1.06 0.00	26.77 1.13 0.00	32.16 1.20 0.00	31.74 1.16 -0.30	36.28 1.17 -0.26	31.67 1.16 0.00	32.85 1.26 -4.52	43.08 1.92 -15.67	42.68 1.69 -19.13	44.54 1.82 -16.40	45.16 1.77 -16.01	48.26 1.76 -17.24	59.57 1.73 -25.72	77.11 2.58 -20.02	63.84 8.35 151.95	67.78 7.08 164.63	57.56 2.67 15.83	62.34 1.40 0.00	50.61 0.64 0.01	48.48 0.53 0.00	36.54 0.87 0.00
NORTHPORT___3 23553	36.41 1.63 0.00	30.88 1.33 0.00	23.00 0.95 0.00	25.08 0.90 0.00	26.60 0.96 0.00	31.95 1.00 0.00	31.54 0.96 -0.30	36.09 0.97 -0.27	31.50 0.99 0.00	32.77 1.05 -4.65	43.93 1.54 -16.91	45.02 1.32 -21.84	45.30 1.44 -17.54	45.39 1.36 -16.65	48.76 1.56 -17.95	60.60 1.49 -26.99	78.55 2.11 -21.94	68.18 7.49 146.76	69.49 6.19 162.03	57.76 1.95 14.91	62.41 0.81 -0.66	50.48 0.15 -0.36	48.14 0.10 -0.09	36.32 0.65 0.00
NORTHPORT___4 23650	36.41 1.63 0.00	30.88 1.33 0.00	23.00 0.95 0.00	25.08 0.90 0.00	26.60 0.96 0.00	31.95 1.00 0.00	31.54 0.96 -0.30	36.09 0.97 -0.27	31.50 0.99 0.00	32.77 1.05 -4.65	43.93 1.54 -16.91	45.02 1.32 -21.84	45.30 1.44 -17.54	45.39 1.36 -16.65	48.76 1.56 -17.95	60.60 1.49 -26.99	78.55 2.11 -21.94	68.18 7.49 146.76	69.49 6.19 162.03	57.76 1.95 14.91	62.41 0.81 -0.66	50.48 0.15 -0.36	48.14 0.10 -0.09	36.32 0.65 0.00
NORTHPORT___IC 23718	36.63 1.85 0.00	31.07 1.52 0.00	23.14 1.09 0.00	25.24 1.06 0.00	26.76 1.12 0.00	32.16 1.20 0.00	31.74 1.16 -0.30	36.28 1.17 -0.26	31.68 1.17 0.00	32.85 1.26 -4.53	43.08 1.91 -15.67	42.68 1.69 -19.13	44.55 1.82 -16.40	45.16 1.77 -16.01	48.25 1.75 -17.24	59.59 1.75 -25.72	77.11 2.59 -20.02	63.87 8.38 151.95	67.72 7.02 164.63	57.55 2.66 15.83	62.34 1.40 0.00	50.61 0.64 0.01	48.47 0.52 0.00	36.53 0.86 0.00
NORTH___COUNTRY_ESR 323785	35.07 0.29 0.00	29.58 0.02 0.00	21.97 -0.08 0.00	24.03 -0.15 0.00	25.48 -0.16 0.00	30.90 -0.06 0.00	30.09 -0.19 0.00	34.75 -0.10 0.00	30.58 0.07 0.00	27.43 0.36 0.00	25.66 0.18 0.00	21.80 -0.06 0.00	25.97 -0.35 0.00	26.73 -0.65 0.00	28.41 -0.85 0.00	30.99 -1.14 0.00	52.89 -1.61 0.00	201.50 -5.95 0.00	220.52 -4.80 0.00	69.91 -2.17 -1.37	61.35 -1.47 -1.87	50.83 -0.65 -1.51	47.90 -0.06 0.00	35.84 0.17 0.00
NPX_GEN_1385_PROXY 323591	36.63 1.85 0.00	31.07 1.52 0.00	19.65 1.09 3.49	24.36 1.06 0.88	26.03 1.13 0.73	32.16 1.20 0.00	31.74 1.16 -0.30	36.28 1.17 -0.26	31.67 1.16 0.00	32.85 1.26 -4.52	43.08 1.92 -15.67	42.68 1.69 -19.13	41.34 1.82 -13.20	45.16 1.77 -16.01	48.26 1.76 -17.24	59.57 1.73 -25.72	77.11 2.58 -20.02	63.84 8.35 151.95	67.78 7.08 164.63	57.56 2.67 15.83	62.34 1.40 0.00	50.61 0.64 0.01	48.48 0.53 0.00	36.54 0.87 0.00
NPX_GEN_CSC 323557	36.12 1.33 0.00	30.66 1.11 0.00	19.38 0.82 3.49	24.00 0.70 0.88	25.69 0.79 0.73	31.80 0.85 0.00	31.44 0.86 -0.30	36.09 0.97 -0.27	31.42 0.91 0.00	30.56 0.87 -2.62	23.27 1.43 3.66	-4.30 1.27 27.44	22.90 1.35 4.77	43.01 1.32 -14.31	46.67 1.39 -16.02	47.45 1.34 -13.98	62.19 1.96 -5.72	58.47 6.86 155.84	68.27 6.09 163.15	44.72 1.95 27.95	48.93 0.72 12.73	42.97 0.04 7.04	46.18 -0.08 1.69	36.04 0.37 0.00
NSINS_S_GLNS_FALLS 23858	36.11 1.33 0.00	30.77 1.22 0.00	22.98 0.92 0.00	25.18 0.99 0.00	26.69 1.06 0.00	32.32 1.37 0.00	33.94 1.71 -1.96	42.14 2.09 -5.20	31.97 1.46 0.00	28.39 0.82 -0.50	26.68 0.59 -0.60	23.08 0.53 -0.68	28.16 0.69 -1.15	29.48 0.76 -1.34	31.60 0.89 -1.46	35.01 1.34 -1.55	58.40 2.87 -1.03	241.74 12.91 -21.40	257.66 14.05 -18.28	77.46 4.43 -2.31	64.25 3.31 0.00	52.11 2.13 0.00	49.68 1.73 0.00	36.91 1.24 0.00
NUCOR_STEEL___DRP 24197	34.92 0.07 -0.07	29.59 0.04 0.00	21.97 -0.09 0.00	24.13 -0.06 0.00	25.67 0.04 0.00	31.10 0.15 0.00	30.49 0.22 0.00	35.15 0.30 0.00	30.79 0.28 0.00	27.22 0.15 0.00	25.67 0.17 0.00	22.04 0.17 0.00	26.54 0.22 0.00	27.69 0.29 -0.02	29.50 0.24 0.00	33.10 0.31 -0.68	59.26 0.51 -4.25	220.94 3.52 -9.97	241.97 4.05 -12.59	76.81 0.96 -5.13	66.03 0.62 -4.47	55.10 0.24 -4.88	52.62 0.17 -4.50	37.49 0.05 -1.77
NUMBER_THREE_WT_PWR 323818	34.56 -0.25 -0.03	29.34 -0.21 0.00	21.84 -0.21 0.00	23.97 -0.22 0.00	25.39 -0.25 0.00	30.75 -0.21 0.00	30.43 0.15 0.00	35.23 0.38 0.00	30.86 0.35 0.00	27.20 0.13 0.00	25.61 0.11 0.00	21.91 0.04 0.00	26.17 -0.15 0.00	27.18 -0.21 -0.01	29.08 -0.18 0.00	32.16 -0.23 -0.27	56.24 0.03 -1.71	216.80 5.35 -4.01	241.07 10.68 -5.06	76.43 3.64 -2.06	65.66 2.92 -1.79	54.03 2.10 -1.96	51.42 1.66 -1.81	37.47 1.08 -0.71
NYISO_LBMP_REFERENCE 24008	34.78 0.00 0.00	29.55 0.00 0.00	22.05 0.00 0.00	24.18 0.00 0.00	25.64 0.00 0.00	30.95 0.00 0.00	30.28 0.00 0.00	34.85 0.00 0.00	30.51 0.00 0.00	27.07 0.00 0.00	25.49 0.00 0.00	21.87 0.00 0.00	26.32 0.00 0.00	27.38 0.00 0.00	29.26 0.00 0.00	32.12 0.00 0.00	54.51 0.00 0.00	207.44 0.00 0.00	225.33 0.00 0.00	70.72 0.00 0.00	60.94 0.00 0.00	49.97 0.00 0.00	47.96 0.00 0.00	35.67 0.00 0.00
NYPA_BRENTWD____GT 24164	36.91 2.12 0.00	31.28 1.72 0.00	23.29 1.24 0.00	25.40 1.22 0.00	26.93 1.30 0.00	32.41 1.46 0.00	32.07 1.49 -0.30	36.77 1.62 -0.29	32.05 1.54 0.00	33.06 1.58 -4.41	41.99 2.17 -14.32	38.98 1.91 -15.20	43.59 2.14 -15.12	46.87 2.09 -17.40	50.46 2.22 -18.98	60.63 2.14 -26.36	79.54 3.03 -22.01	80.12 9.30 136.62	77.42 7.85 155.76	57.96 3.34 16.11	62.02 2.36 1.28	50.81 1.55 0.71	49.06 1.28 0.17	36.96 1.29 0.00

NYPA_GOWANUS____GT5 24156	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.13 2.53 -6.33	41.41 2.53 -6.75	62.78 3.80 -4.47	231.72 13.87 -10.40	242.78 14.25 -3.20	75.97 4.48 -0.77	63.85 2.90 0.00	51.84 1.86 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NYPA_GOWANUS____GT6 24157	36.74 1.96 0.00	31.17 1.62 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.19 2.08 -2.61	26.74 1.90 -2.97	33.58 2.26 -5.00	35.60 2.40 -5.82	38.13 2.53 -6.33	41.41 2.53 -6.75	62.78 3.80 -4.47	231.72 13.87 -10.40	242.78 14.25 -3.20	75.97 4.48 -0.77	63.85 2.90 0.00	51.84 1.86 0.00	49.73 1.78 0.00	37.24 1.57 0.00
NYPA_HARLEM__RVR__GT1 24160	36.72 1.94 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.46 1.51 0.00	32.38 1.80 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.73 1.82 -2.84	30.12 2.02 -2.61	26.68 1.84 -2.97	33.50 2.18 -5.00	35.50 2.30 -5.82	38.02 2.42 -6.33	41.36 2.48 -6.75	62.69 3.72 -4.47	230.95 13.11 -10.40	242.18 13.65 -3.20	75.84 4.35 -0.77	63.85 2.90 0.00	51.84 1.86 0.00	49.74 1.78 0.00	37.23 1.56 0.00
NYPA_HARLEM__RVR__GT2 24161	36.72 1.94 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.46 1.51 0.00	32.38 1.80 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.73 1.82 -2.84	30.12 2.02 -2.61	26.68 1.84 -2.97	33.50 2.18 -5.00	35.50 2.30 -5.82	38.02 2.42 -6.33	41.36 2.48 -6.75	62.69 3.72 -4.47	230.95 13.11 -10.40	242.18 13.65 -3.20	75.84 4.35 -0.77	63.85 2.90 0.00	51.84 1.86 0.00	49.74 1.78 0.00	37.23 1.56 0.00
NYPA_KENT____GT 24152	36.72 1.94 0.00	31.16 1.60 0.00	23.19 1.13 0.00	25.34 1.16 0.00	26.87 1.23 0.00	32.46 1.51 0.00	32.37 1.80 -0.30	37.73 2.08 -0.80	32.46 1.95 0.00	31.75 1.84 -2.84	30.18 2.07 -2.61	26.73 1.89 -2.97	33.57 2.25 -5.00	35.58 2.38 -5.82	38.13 2.53 -6.33	41.42 2.54 -6.75	62.78 3.81 -4.47	231.66 13.81 -10.40	242.61 14.08 -3.20	75.92 4.42 -0.77	63.83 2.88 0.00	51.79 1.82 0.00	49.68 1.73 0.00	37.20 1.53 0.00
NYPA_POUCH1____GT 24155	36.70 1.91 0.00	31.13 1.57 0.00	23.16 1.10 0.00	25.31 1.13 0.00	26.83 1.19 0.00	32.43 1.48 0.00	32.35 1.77 -0.30	37.69 2.04 -0.80	32.41 1.90 0.00	31.68 1.77 -2.84	30.11 2.01 -2.61	26.68 1.84 -2.97	33.50 2.18 -5.00	35.52 2.32 -5.82	38.06 2.46 -6.33	41.31 2.44 -6.75	62.59 3.62 -4.47	231.18 13.34 -10.40	242.53 14.00 -3.20	75.89 4.40 -0.77	63.79 2.84 0.00	51.79 1.82 0.00	49.67 1.71 0.00	37.20 1.53 0.00
NYPA_VERNON____GT2 24162	36.70 1.92 0.00	31.15 1.60 0.00	23.19 1.13 0.00	25.35 1.17 0.00	26.87 1.23 0.00	32.47 1.51 0.00	32.36 1.78 -0.30	37.71 2.06 -0.80	32.44 1.93 0.00	31.74 1.83 -2.84	30.17 2.06 -2.61	26.72 1.88 -2.97	33.56 2.24 -5.00	35.57 2.37 -5.82	38.12 2.52 -6.33	41.41 2.54 -6.75	62.77 3.80 -4.47	231.52 13.67 -10.40	242.46 13.93 -3.20	75.86 4.37 -0.77	63.79 2.85 0.00	51.76 1.79 0.00	49.64 1.69 0.00	37.16 1.49 0.00
NYPA_VERNON____GT3 24163	36.70 1.92 0.00	31.15 1.60 0.00	23.19 1.13 0.00	25.35 1.17 0.00	26.87 1.23 0.00	32.47 1.51 0.00	32.36 1.78 -0.30	37.71 2.06 -0.80	32.44 1.93 0.00	31.74 1.83 -2.84	30.17 2.06 -2.61	26.72 1.88 -2.97	33.56 2.24 -5.00	35.57 2.37 -5.82	38.12 2.52 -6.33	41.41 2.54 -6.75	62.77 3.80 -4.47	231.52 13.67 -10.40	242.46 13.93 -3.20	75.86 4.37 -0.77	63.79 2.85 0.00	51.76 1.79 0.00	49.64 1.69 0.00	37.16 1.49 0.00
NYPA____ASTORIA_CC1 323568	36.68 1.90 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.45 1.50 0.00	32.33 1.76 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.70 1.86 -2.97	33.54 2.22 -5.00	35.55 2.34 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.70 3.73 -4.47	231.28 13.44 -10.40	242.16 13.63 -3.20	75.78 4.28 -0.77	63.73 2.79 0.00	51.72 1.74 0.00	49.59 1.64 0.00	37.14 1.47 0.00
NYPA____ASTORIA_CC2 323569	36.68 1.90 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.45 1.50 0.00	32.33 1.76 -0.30	37.66 2.01 -0.80	32.41 1.90 0.00	31.72 1.81 -2.84	30.14 2.03 -2.61	26.70 1.86 -2.97	33.54 2.22 -5.00	35.55 2.34 -5.82	38.09 2.49 -6.33	41.38 2.50 -6.75	62.70 3.73 -4.47	231.28 13.44 -10.40	242.16 13.63 -3.20	75.78 4.28 -0.77	63.73 2.79 0.00	51.72 1.74 0.00	49.59 1.64 0.00	37.14 1.47 0.00
NYPA____HOLTSVILL 23794	36.39 1.60 0.00	30.89 1.33 0.00	23.03 0.98 0.00	25.09 0.91 0.00	26.62 0.98 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.32 1.20 -0.27	31.65 1.15 0.00	30.78 1.10 -2.62	23.42 1.64 3.71	-4.22 1.45 27.53	26.29 1.58 1.61	43.16 1.56 -14.22	46.81 1.62 -15.92	47.60 1.60 -13.88	62.37 2.33 -5.53	58.61 7.82 156.65	68.42 6.69 163.59	45.04 2.33 28.01	49.29 1.09 12.75	43.31 0.39 7.05	46.54 0.28 1.69	36.36 0.69 0.00
NYPA____HELLGATE_GT1 24158	36.72 1.94 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.46 1.51 0.00	32.38 1.80 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.73 1.82 -2.84	30.12 2.02 -2.61	26.68 1.84 -2.97	33.50 2.18 -5.00	35.50 2.30 -5.82	38.02 2.42 -6.33	41.36 2.48 -6.75	62.69 3.72 -4.47	230.95 13.11 -10.40	242.18 13.65 -3.20	75.84 4.35 -0.77	63.85 2.90 0.00	51.84 1.86 0.00	49.75 1.79 0.00	37.23 1.56 0.00
NYPA____HELLGATE_GT2 24159	36.72 1.94 0.00	31.14 1.58 0.00	23.18 1.13 0.00	25.34 1.15 0.00	26.85 1.22 0.00	32.46 1.51 0.00	32.38 1.80 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.73 1.82 -2.84	30.12 2.02 -2.61	26.68 1.84 -2.97	33.50 2.18 -5.00	35.50 2.30 -5.82	38.02 2.42 -6.33	41.36 2.48 -6.75	62.69 3.72 -4.47	230.95 13.11 -10.40	242.18 13.65 -3.20	75.84 4.35 -0.77	63.85 2.90 0.00	51.84 1.86 0.00	49.75 1.79 0.00	37.23 1.56 0.00
NYS_BARGE____HYD 23848	33.47 -1.34 -0.03	28.33 -1.23 0.00	20.93 -1.12 0.00	23.25 -0.93 0.00	24.58 -1.05 0.00	29.75 -1.20 0.00	28.95 -1.33 0.00	32.59 -2.26 0.00	29.45 -1.06 0.00	33.82 -0.36 -7.10	33.13 -0.28 -7.92	28.18 -0.31 -6.62	25.42 -0.20 0.70	26.43 -0.06 0.90	27.81 -0.47 0.98	30.34 -1.10 0.69	52.80 -3.19 -1.49	200.46 -11.54 -4.56	217.02 -14.74 -6.43	68.61 -4.73 -2.63	59.04 -4.18 -2.28	48.98 -3.48 -2.49	47.64 -2.61 -2.30	34.88 -1.70 -0.91
OAK ORCHARD____HYD 24046	34.43 -0.38 -0.03	29.16 -0.39 0.00	21.65 -0.41 0.00	23.88 -0.31 0.00	25.29 -0.35 0.00	30.65 -0.30 0.00	30.11 -0.17 0.00	34.30 -0.55 0.00	30.56 0.05 0.00	36.82 0.35 -9.40	36.12 0.44 -10.19	30.82 0.38 -8.56	26.31 0.55 0.55	27.26 0.62 0.74	29.61 0.56 0.20	32.77 0.30 -0.35	56.61 -0.08 -2.19	213.82 1.25 -5.13	231.56 -0.24 -6.48	73.03 -0.33 -2.64	62.61 -0.63 -2.30	51.69 -0.79 -2.51	49.73 -0.54 -2.31	36.13 -0.45 -0.91

OAKDALE___35_KV_LOAD 356122	34.72 -0.10 -0.04	29.38 -0.17 0.00	21.90 -0.16 0.00	24.10 -0.08 0.00	25.55 -0.09 0.00	30.87 -0.08 0.00	30.43 0.16 0.00	34.89 0.04 0.00	30.62 0.10 0.00	27.96 0.12 -0.77	26.62 0.31 -0.82	22.61 0.28 -0.46	25.17 0.34 1.48	26.06 0.43 1.75	27.83 0.48 1.91	30.79 0.33 1.66	55.95 0.45 -1.00	213.45 1.57 -4.44	233.52 1.25 -6.94	73.91 0.36 -2.83	63.39 -0.01 -2.46	52.36 -0.30 -2.69	50.14 -0.29 -2.48	36.32 -0.33 -0.98
OCC_CHEM___DRP 24175	33.25 -1.56 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.19 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.27 -7.47	27.84 -0.26 -6.23	25.28 -0.31 0.73	26.28 -0.18 0.92	27.73 -0.53 1.00	30.21 -1.19 0.72	52.17 -3.79 -1.45	197.14 -14.81 -4.50	212.93 -18.78 -6.39	67.39 -5.93 -2.60	58.01 -5.20 -2.27	48.22 -4.23 -2.48	47.04 -3.20 -2.28	34.51 -2.06 -0.90
OH_GEN_PROXY 24063	33.30 -1.51 -0.03	28.21 -1.35 0.00	17.37 -1.19 3.49	22.29 -1.02 0.88	23.76 -1.14 0.73	29.64 -1.31 0.00	28.93 -1.35 0.00	32.61 -2.24 0.00	29.44 -1.07 0.00	33.44 -0.32 -6.68	32.75 -0.19 -7.44	27.84 -0.21 -6.19	22.26 -0.12 3.93	26.38 -0.08 0.92	27.85 -0.41 1.00	30.38 -1.03 0.72	52.89 -3.06 -1.44	207.20 -11.34 -11.10	216.70 -14.99 -6.36	68.48 -4.83 -2.59	58.94 -4.26 -2.26	93.10 -3.55 -46.68	47.54 -2.68 -2.27	34.72 -1.84 -0.89
OLIN_CORP_DRP 24177	33.15 -1.66 -0.03	28.07 -1.49 0.00	20.74 -1.31 0.00	23.04 -1.14 0.00	24.37 -1.27 0.00	29.49 -1.46 0.00	28.63 -1.65 0.00	32.19 -2.66 0.00	29.11 -1.40 0.00	33.20 -0.61 -6.75	32.47 -0.55 -7.52	27.63 -0.51 -6.27	25.03 -0.57 0.73	26.03 -0.42 0.92	27.48 -0.78 1.01	29.97 -1.43 0.72	52.18 -3.78 -1.46	197.98 -13.98 -4.53	214.06 -17.68 -6.42	67.69 -5.64 -2.62	58.27 -4.95 -2.28	48.39 -4.07 -2.49	47.13 -3.11 -2.29	34.58 -1.99 -0.90
OLIN_CORP_DSASP 323712	33.24 -1.57 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.18 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.26 -7.47	27.83 -0.27 -6.23	25.41 -0.18 0.73	26.33 -0.13 0.92	27.76 -0.50 1.00	30.23 -1.17 0.72	52.17 -3.79 -1.45	197.05 -14.90 -4.50	212.73 -18.99 -6.39	67.32 -6.00 -2.60	57.98 -5.23 -2.27	48.19 -4.27 -2.48	47.01 -3.23 -2.28	34.51 -2.06 -0.90
ONEIDA_HERK_LFGE 323681	35.09 0.29 -0.02	29.78 0.23 0.00	22.21 0.15 0.00	24.36 0.18 0.00	25.82 0.19 0.00	31.28 0.33 0.00	30.84 0.56 0.00	35.57 0.72 0.00	31.09 0.58 0.00	27.40 0.33 0.00	25.82 0.33 0.00	22.13 0.27 0.00	26.56 0.23 0.00	27.64 0.25 -0.01	29.57 0.32 0.00	32.67 0.37 -0.17	56.49 0.89 -1.10	216.58 6.57 -2.58	237.94 9.36 -3.25	75.06 3.02 -1.33	64.46 2.37 -1.15	52.89 1.65 -1.26	50.44 1.32 -1.16	37.00 0.88 -0.46
ONEIDA___115KV_TB4 55905	35.39 0.58 -0.03	30.01 0.46 0.00	22.39 0.34 0.00	24.57 0.39 0.00	26.06 0.42 0.00	31.58 0.63 0.00	31.10 0.83 0.00	35.83 0.98 0.00	31.24 0.73 0.00	27.49 0.42 0.00	25.93 0.44 0.00	22.26 0.39 0.00	26.78 0.46 0.00	27.93 0.54 -0.01	29.89 0.63 0.00	33.14 0.75 -0.28	57.72 1.47 -1.73	219.59 8.07 -4.07	240.45 9.99 -5.14	75.93 3.12 -2.09	65.09 2.33 -1.82	53.52 1.55 -1.99	51.03 1.24 -1.83	37.22 0.83 -0.72
ONONDAGA_REF_OCCRA 23987	34.79 -0.05 -0.06	29.46 -0.09 0.00	21.97 -0.09 0.00	24.12 -0.06 0.00	25.57 -0.07 0.00	30.95 0.00 0.00	30.46 0.18 0.00	35.02 0.17 0.00	30.63 0.12 0.00	27.09 0.01 0.00	25.58 0.09 0.00	21.96 0.09 0.00	26.43 0.11 0.00	27.58 0.18 -0.02	29.49 0.23 0.00	32.92 0.24 -0.56	58.45 0.45 -3.49	218.64 2.99 -8.20	239.12 3.44 -10.35	75.99 1.05 -4.22	65.19 0.57 -3.67	54.16 0.17 -4.01	51.67 0.03 -3.70	37.09 -0.04 -1.46
ONONDAGA___COGEN 23986	34.69 -0.16 -0.07	29.38 -0.18 0.00	21.90 -0.15 0.00	24.04 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.52 0.03 0.00	21.91 0.04 0.00	26.38 0.05 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.14 2.15 -10.55	240.99 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.38 -0.17 -1.88
ONTARIO___LFGE 23819	34.66 -0.16 -0.04	29.29 -0.26 0.00	21.79 -0.27 0.00	24.01 -0.17 0.00	25.46 -0.18 0.00	30.85 -0.10 0.00	30.42 0.14 0.00	34.79 -0.06 0.00	30.66 0.15 0.00	25.78 0.15 1.45	24.13 0.27 1.63	20.59 0.20 1.48	25.91 0.32 0.73	26.97 0.42 0.83	28.81 0.47 0.92	31.95 0.33 0.51	57.03 0.24 -2.29	215.73 1.91 -6.38	235.62 1.60 -8.69	75.03 0.76 -3.55	64.35 0.32 -3.08	53.23 -0.11 -3.37	50.92 -0.13 -3.10	36.60 -0.30 -1.22
ORANGEVILLE_WT_PWR 323706	33.24 -1.57 -0.03	28.00 -1.55 0.00	20.77 -1.28 0.00	23.03 -1.16 0.00	24.39 -1.25 0.00	29.45 -1.50 0.00	29.00 -1.28 0.00	32.83 -2.02 0.00	29.40 -1.11 0.00	31.63 -0.51 -5.07	30.93 -0.21 -5.65	26.31 -0.21 -4.66	25.19 -0.25 0.88	26.19 -0.11 1.08	27.76 -0.32 1.18	30.37 -0.87 0.89	53.70 -2.25 -1.44	204.64 -7.47 -4.67	222.74 -9.30 -6.72	70.62 -2.84 -2.74	60.63 -2.69 -2.38	50.19 -2.39 -2.60	48.36 -1.99 -2.40	34.73 -1.89 -0.95
ORANGEVILLE___ESR 323794	33.24 -1.57 -0.03	28.00 -1.55 0.00	20.77 -1.28 0.00	23.03 -1.16 0.00	24.39 -1.25 0.00	29.45 -1.50 0.00	29.00 -1.28 0.00	32.83 -2.02 0.00	29.40 -1.11 0.00	31.63 -0.51 -5.07	30.93 -0.21 -5.65	26.31 -0.21 -4.66	25.19 -0.25 0.88	26.19 -0.11 1.08	27.76 -0.32 1.18	30.37 -0.87 0.89	53.70 -2.25 -1.44	204.64 -7.47 -4.67	222.74 -9.30 -6.72	70.62 -2.84 -2.74	60.63 -2.69 -2.38	50.19 -2.39 -2.60	48.36 -1.99 -2.40	34.73 -1.89 -0.95
OSWEGATCHIE___HYD 24044	35.06 0.25 -0.02	29.77 0.21 0.00	22.15 0.10 0.00	24.30 0.11 0.00	25.75 0.12 0.00	31.15 0.19 0.00	30.64 0.36 0.00	35.43 0.57 0.00	30.97 0.46 0.00	27.27 0.20 0.00	25.53 0.04 0.00	21.83 -0.04 0.00	26.16 -0.16 0.00	27.14 -0.25 -0.01	28.94 -0.32 0.00	31.92 -0.43 -0.23	55.56 -0.38 -1.44	212.74 1.93 -3.37	235.78 6.19 -4.25	74.63 2.18 -1.74	64.56 2.10 -1.51	53.49 1.87 -1.65	51.21 1.74 -1.52	37.45 1.18 -0.60
OSWEGO___5 23606	34.22 -0.77 -0.21	28.88 -0.68 0.00	21.53 -0.52 0.00	23.64 -0.54 0.00	25.06 -0.58 0.00	30.30 -0.65 0.00	29.76 -0.52 0.00	34.25 -0.60 0.00	30.00 -0.51 0.00	26.59 -0.48 0.00	25.08 -0.42 0.00	21.52 -0.35 0.00	25.89 -0.42 0.00	27.03 -0.42 -0.07	28.83 -0.43 0.00	33.66 -0.51 -2.05	66.46 -0.90 -12.85	234.93 -2.69 -30.18	260.47 -2.95 -38.09	85.31 -0.94 -15.53	73.43 -1.03 -13.51	63.73 -1.01 -14.77	60.53 -1.02 -13.60	40.24 -0.79 -5.36
OSWEGO___6 23613	34.22 -0.77 -0.21	28.88 -0.68 0.00	21.53 -0.52 0.00	23.64 -0.54 0.00	25.06 -0.58 0.00	30.30 -0.65 0.00	29.76 -0.52 0.00	34.25 -0.60 0.00	30.00 -0.51 0.00	26.59 -0.48 0.00	25.08 -0.42 0.00	21.52 -0.35 0.00	25.89 -0.42 0.00	27.03 -0.42 -0.07	28.83 -0.43 0.00	33.66 -0.51 -2.05	66.46 -0.90 -12.85	234.93 -2.69 -30.18	260.47 -2.95 -38.09	85.31 -0.94 -15.53	73.43 -1.03 -13.51	63.73 -1.01 -14.77	60.53 -1.02 -13.60	40.24 -0.79 -5.36

OUTOKUMPU-AB___DRP 24206	33.75 -1.06 -0.03	28.55 -1.00 0.00	21.09 -0.96 0.00	23.43 -0.75 0.00	24.78 -0.86 0.00	30.02 -0.94 0.00	29.31 -0.97 0.00	33.01 -1.84 0.00	29.84 -0.68 0.00	33.80 0.04 -6.69	33.09 0.13 -7.46	28.18 0.09 -6.22	25.70 0.12 0.74	26.76 0.31 0.93	28.21 -0.04 1.01	30.73 -0.66 0.73	53.42 -2.55 -1.46	202.32 -9.66 -4.53	218.69 -13.07 -6.43	69.16 -4.18 -2.62	59.52 -3.71 -2.28	49.42 -3.05 -2.49	48.12 -2.13 -2.30	35.16 -1.41 -0.90
OXBOW___BTM 323836	33.57 -1.25 -0.03	28.40 -1.15 0.00	20.99 -1.06 0.00	23.32 -0.86 0.00	24.66 -0.98 0.00	29.85 -1.10 0.00	29.13 -1.15 0.00	32.79 -2.06 0.00	29.64 -0.87 0.00	33.63 -0.14 -6.69	32.94 -0.01 -7.47	28.05 -0.04 -6.23	25.69 0.10 0.73	26.63 0.18 0.93	28.07 -0.18 1.01	30.57 -0.82 0.73	52.93 -3.03 -1.45	200.12 -11.84 -4.52	216.19 -15.54 -6.41	68.39 -4.94 -2.61	58.89 -4.32 -2.27	48.91 -3.55 -2.48	47.65 -2.59 -2.29	34.91 -1.66 -0.90
OXBOW___ 24026	33.57 -1.25 -0.03	28.41 -1.15 0.00	20.99 -1.06 0.00	23.32 -0.86 0.00	24.66 -0.98 0.00	29.85 -1.10 0.00	29.13 -1.15 0.00	32.78 -2.06 0.00	29.65 -0.86 0.00	33.63 -0.14 -6.69	32.93 -0.03 -7.47	28.05 -0.04 -6.23	25.56 -0.03 0.73	26.58 0.13 0.93	28.04 -0.21 1.01	30.56 -0.84 0.73	52.95 -3.01 -1.45	200.26 -11.70 -4.52	216.34 -15.40 -6.41	68.45 -4.89 -2.61	58.91 -4.31 -2.27	48.93 -3.52 -2.48	47.69 -2.56 -2.29	34.91 -1.66 -0.90
OXY_CHEM_DSASP 323612	33.25 -1.56 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.19 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.27 -7.47	27.84 -0.26 -6.23	25.28 -0.31 0.73	26.28 -0.18 0.92	27.73 -0.53 1.00	30.21 -1.19 0.72	52.17 -3.79 -1.45	197.14 -14.81 -4.50	212.93 -18.78 -6.39	67.39 -5.93 -2.60	58.01 -5.20 -2.27	48.22 -4.23 -2.48	47.04 -3.20 -2.28	34.51 -2.06 -0.90
OZONE_PARK_ESR 323760	36.98 2.19 0.00	31.34 1.79 0.00	23.31 1.26 0.00	25.48 1.29 0.00	27.00 1.37 0.00	32.65 1.70 0.00	32.57 1.99 -0.30	37.99 2.34 -0.80	32.69 2.18 0.00	31.94 2.03 -2.84	30.36 2.26 -2.62	26.89 2.05 -2.97	33.80 2.47 -5.01	35.82 2.62 -5.82	38.43 2.83 -6.34	41.79 2.91 -6.76	63.43 4.46 -4.47	234.10 16.25 -10.41	245.07 16.55 -3.20	76.67 5.18 -0.77	64.49 3.54 0.00	52.32 2.35 0.00	50.14 2.19 0.00	37.47 1.80 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	33.25 -1.56 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.19 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.27 -7.47	27.84 -0.26 -6.23	25.28 -0.31 0.73	26.28 -0.18 0.92	27.73 -0.53 1.00	30.21 -1.19 0.72	52.17 -3.79 -1.45	197.14 -14.81 -4.50	212.93 -18.78 -6.39	67.39 -5.93 -2.60	58.01 -5.20 -2.27	48.22 -4.23 -2.48	47.04 -3.20 -2.28	34.51 -2.06 -0.90
PACKARD__115KV_DUPONT_184 80571	33.25 -1.56 -0.03	28.16 -1.39 0.00	20.82 -1.24 0.00	23.13 -1.05 0.00	24.45 -1.19 0.00	29.58 -1.38 0.00	28.84 -1.44 0.00	32.44 -2.41 0.00	29.34 -1.17 0.00	33.40 -0.37 -6.70	32.70 -0.27 -7.47	27.84 -0.26 -6.23	25.28 -0.31 0.73	26.28 -0.18 0.92	27.73 -0.53 1.00	30.21 -1.19 0.72	52.17 -3.79 -1.45	197.14 -14.81 -4.50	212.93 -18.78 -6.39	67.39 -5.93 -2.60	58.01 -5.20 -2.27	48.22 -4.23 -2.48	47.04 -3.20 -2.28	34.51 -2.06 -0.90
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.65 1.86 0.00	31.08 1.52 0.00	23.14 1.08 0.00	25.29 1.11 0.00	26.80 1.16 0.00	32.40 1.45 0.00	32.32 1.74 -0.30	37.69 2.04 -0.80	32.42 1.91 0.00	31.67 1.77 -2.84	30.08 1.98 -2.61	26.64 1.80 -2.97	33.47 2.15 -5.00	35.47 2.27 -5.82	38.00 2.41 -6.33	41.33 2.46 -6.75	62.69 3.71 -4.47	231.00 13.16 -10.40	242.22 13.69 -3.20	75.85 4.36 -0.77	63.80 2.85 0.00	51.80 1.83 0.00	49.68 1.73 0.00	37.15 1.48 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	37.42 2.64 0.00	31.73 2.17 0.00	23.62 1.57 0.00	25.84 1.66 0.00	27.40 1.76 0.00	33.14 2.19 0.00	33.06 2.48 -0.30	38.49 2.84 -0.80	33.13 2.62 0.00	32.28 2.37 -2.84	30.66 2.55 -2.61	27.14 2.30 -2.97	34.09 2.77 -5.00	36.12 2.92 -5.82	38.65 3.05 -6.33	42.06 3.18 -6.75	63.92 4.95 -4.47	235.45 17.61 -10.40	247.04 18.51 -3.20	77.35 5.86 -0.77	65.07 4.13 0.00	52.86 2.88 0.00	50.71 2.76 0.00	37.90 2.23 0.00
PATROON__115KV_TB1 80586	35.20 0.41 0.00	29.98 0.43 0.00	22.42 0.37 0.00	24.54 0.35 0.00	26.01 0.38 0.00	31.45 0.49 0.00	31.98 0.71 -0.99	38.33 0.85 -2.63	31.11 0.60 0.00	28.02 0.39 -0.55	26.55 0.38 -0.67	23.00 0.37 -0.77	28.02 0.40 -1.30	29.36 0.46 -1.51	31.46 0.55 -1.65	34.57 0.69 -1.76	56.65 0.98 -1.16	220.25 4.62 -8.19	239.08 4.85 -8.91	72.98 1.44 -0.82	61.69 0.75 0.00	50.38 0.41 0.00	48.17 0.21 0.00	35.87 0.20 0.00
PATTRSNVILLE___SOLAR 323815	35.58 0.80 0.00	30.24 0.68 0.00	22.57 0.51 0.00	24.72 0.54 0.00	26.23 0.59 0.00	31.72 0.76 0.00	32.38 0.94 -1.17	39.04 1.09 -3.10	31.12 0.61 0.00	27.72 0.27 -0.39	26.18 0.22 -0.46	22.61 0.21 -0.53	27.48 0.27 -0.89	28.74 0.33 -1.04	30.75 0.36 -1.13	33.79 0.46 -1.20	56.23 0.92 -0.80	225.42 5.63 -12.34	243.83 7.67 -10.84	74.56 2.52 -1.32	62.76 1.82 0.00	51.22 1.24 0.00	49.01 1.06 0.00	36.42 0.75 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	33.70 -1.12 -0.03	28.48 -1.08 0.00	21.04 -1.01 0.00	23.36 -0.82 0.00	24.72 -0.91 0.00	29.94 -1.01 0.00	29.35 -0.93 0.00	33.20 -1.65 0.00	29.91 -0.60 0.00	33.32 0.08 -6.17	32.66 0.29 -6.88	27.78 0.19 -5.72	25.71 0.18 0.79	26.70 0.30 0.99	28.29 0.11 1.08	30.89 -0.44 0.79	54.18 -1.76 -1.44	205.43 -6.56 -4.55	222.37 -9.45 -6.50	70.24 -3.13 -2.65	60.35 -2.90 -2.30	49.97 -2.52 -2.52	48.45 -1.83 -2.32	35.18 -1.41 -0.91
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.57 1.79 0.00	31.01 1.46 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.77 1.14 0.00	32.38 1.42 0.00	32.26 1.71 -0.28	37.61 2.02 -0.73	32.34 1.83 0.00	29.69 1.66 -0.97	29.63 1.83 -2.31	26.14 1.64 -2.64	32.72 1.97 -4.43	34.63 2.09 -5.16	37.17 2.29 -5.62	40.56 2.45 -5.98	62.30 3.83 -3.96	231.50 14.47 -9.58	243.24 15.01 -2.90	76.18 4.74 -0.72	64.14 3.20 0.00	52.06 2.09 0.00	49.82 1.86 0.00	37.14 1.47 0.00
PEEKSKILL___ 23653	36.29 1.50 0.00	30.77 1.21 0.00	22.90 0.85 0.00	25.04 0.86 0.00	26.56 0.92 0.00	32.09 1.14 0.00	31.98 1.41 -0.29	37.30 1.67 -0.78	32.01 1.50 0.00	31.52 1.37 -3.08	29.95 1.61 -2.84	26.58 1.48 -3.24	33.52 1.76 -5.45	35.60 1.88 -6.34	38.23 2.07 -6.90	41.59 2.12 -7.35	62.56 3.19 -4.87	229.84 11.87 -10.53	240.62 12.19 -3.11	75.27 3.80 -0.75	63.33 2.39 0.00	51.41 1.43 0.00	49.27 1.32 0.00	36.78 1.11 0.00
PGE MADISON___WINDPWR 24146	36.01 1.19 -0.04	30.48 0.93 0.00	22.67 0.62 0.00	25.16 0.97 0.00	26.67 1.03 0.00	32.42 1.47 0.00	32.19 1.92 0.00	37.01 2.16 0.00	32.76 2.25 0.00	28.40 1.35 0.02	26.65 1.22 0.06	22.65 1.06 0.27	26.13 1.37 1.56	27.01 1.35 1.72	28.80 1.42 1.89	31.98 1.49 1.64	58.39 2.86 -1.03	225.54 13.61 -4.49	249.94 17.63 -6.99	79.08 5.51 -2.85	67.19 3.77 -2.48	54.89 2.20 -2.71	51.87 1.42 -2.49	37.56 0.90 -0.98

PIERCEFIELD___HYD 23852	35.46 0.67 -0.01	30.10 0.54 0.00	22.40 0.35 0.00	24.57 0.39 0.00	26.05 0.42 0.00	31.46 0.51 0.00	30.74 0.46 0.00	35.49 0.63 0.00	31.03 0.52 0.00	27.40 0.33 0.00	25.52 0.03 0.00	21.81 -0.05 0.00	26.24 -0.08 0.00	27.19 -0.20 -0.01	28.91 -0.35 0.00	31.84 -0.42 -0.13	54.89 -0.45 -0.83	208.43 -0.96 -1.95	229.61 1.82 -2.47	72.37 0.65 -1.01	63.07 1.25 -0.87	52.46 1.53 -0.96	50.56 1.73 -0.88	37.25 1.23 -0.35
PINELAWN_CC_1 323563	36.80 2.02 0.00	31.20 1.65 0.00	23.23 1.18 0.00	25.34 1.16 0.00	26.87 1.23 0.00	32.34 1.39 0.00	32.04 1.46 -0.30	36.85 1.64 -0.35	32.06 1.55 0.00	33.27 1.51 -4.69	44.22 1.99 -16.73	43.02 1.74 -19.41	45.57 1.97 -17.28	50.41 1.98 -21.04	54.65 2.13 -23.26	65.25 2.17 -30.96	86.62 3.29 -28.82	107.92 11.56 111.09	93.83 10.55 142.05	60.43 3.65 13.94	62.66 2.30 0.58	51.02 1.37 0.32	49.06 1.18 0.08	36.89 1.21 0.00
PJM_GEN_HTTP_PROXY 323702	36.56 1.78 0.00	31.02 1.47 0.00	23.08 1.02 0.00	25.23 1.05 0.00	26.74 1.11 0.00	32.32 1.37 0.00	33.74 1.64 -1.83	37.58 1.93 -0.80	32.31 1.79 0.00	31.60 1.69 -2.84	30.03 1.92 -2.62	26.60 1.76 -2.98	33.42 2.09 -5.01	35.44 2.23 -5.83	38.02 2.41 -6.34	41.34 2.46 -6.76	62.69 3.71 -4.48	231.24 13.39 -10.41	242.05 13.52 -3.20	75.71 4.22 -0.77	63.67 2.73 0.00	51.67 1.70 0.00	50.91 1.58 -1.38	34.54 1.36 2.49
PJM_GEN_KEystone 24065	34.91 0.11 -0.02	29.57 0.02 0.00	21.95 -0.11 0.00	24.14 -0.04 0.00	25.59 -0.05 0.00	30.95 -0.01 0.00	32.02 0.21 -1.53	34.92 0.07 0.00	30.86 0.35 0.00	24.97 0.53 2.62	31.00 0.83 -4.68	27.03 0.74 -4.42	30.24 0.90 -3.01	31.84 0.99 -3.48	34.07 1.02 -3.78	37.04 0.76 -4.16	61.81 0.67 -6.64	220.86 2.36 -11.06	230.65 1.26 -4.06	72.83 0.22 -1.89	62.23 -0.40 -1.68	48.63 -0.72 0.62	50.19 -0.44 -2.67	33.41 -0.28 1.98
PJM_GEN_NEPTUNE_PROXY 323594	36.52 1.74 0.00	30.97 1.41 0.00	23.06 1.01 0.00	25.17 0.98 0.00	26.69 1.05 0.00	32.12 1.17 0.00	33.38 1.28 -1.83	36.51 1.43 -0.23	31.88 1.37 0.00	32.85 1.35 -4.43	42.24 1.77 -14.98	41.70 1.56 -18.27	43.90 1.78 -15.80	43.40 1.82 -14.20	46.30 1.95 -15.08	57.75 1.96 -23.67	74.12 2.91 -16.71	51.40 10.18 166.22	61.80 8.91 172.44	57.06 3.02 16.68	62.70 1.76 0.00	50.93 0.96 0.01	50.15 0.82 -1.38	34.14 0.96 2.49
PJM_GEN_VFT_PROXY 323633	36.42 1.64 0.00	30.89 1.34 0.00	22.98 0.93 0.00	25.12 0.94 0.00	26.64 1.00 0.00	32.18 1.23 0.00	33.63 1.52 -1.83	37.43 1.78 -0.80	32.19 1.67 0.00	31.49 1.58 -2.84	29.93 1.82 -2.62	26.53 1.69 -2.97	33.33 2.01 -5.01	35.35 2.14 -5.82	37.93 2.33 -6.34	41.22 2.34 -6.76	62.46 3.49 -4.47	230.54 12.69 -10.41	241.32 12.79 -3.20	75.46 3.97 -0.77	63.42 2.48 0.00	51.46 1.48 0.00	50.70 1.37 -1.38	34.39 1.21 2.49
PLATSBURG_115KV_PMLD1 355749	35.60 0.81 0.00	29.95 0.40 0.00	22.22 0.17 0.00	24.22 0.04 0.00	25.66 0.02 0.00	31.19 0.23 0.00	30.47 0.19 0.00	35.17 0.32 0.00	30.91 0.40 0.00	27.81 0.74 0.00	26.03 0.54 0.00	22.00 0.14 0.00	25.97 -0.35 0.00	26.50 -0.88 0.00	28.08 -1.18 0.00	30.46 -1.67 0.00	51.96 -2.54 0.00	198.04 -9.40 0.00	217.46 -7.87 0.00	44.26 -3.29 23.18	26.66 -2.52 31.76	23.22 -1.23 25.52	47.92 -0.04 0.00	36.19 0.52 0.00
PLEASANTVLY___LBMP 24000	36.07 1.29 0.00	30.61 1.05 0.00	22.83 0.78 0.00	24.97 0.78 0.00	26.46 0.83 0.00	31.97 1.02 0.00	31.90 1.29 -0.34	37.28 1.54 -0.90	31.90 1.39 0.00	30.07 1.24 -1.76	28.80 1.41 -1.90	25.30 1.27 -2.16	31.45 1.50 -3.64	33.20 1.59 -4.23	35.60 1.73 -4.61	38.87 1.83 -4.91	60.51 2.75 -3.25	227.84 10.09 -10.30	239.25 10.25 -3.67	74.86 3.28 -0.87	62.99 2.05 0.00	51.21 1.23 0.00	49.04 1.08 0.00	36.61 0.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.39 1.61 0.00	30.87 1.31 0.00	22.99 0.94 0.00	25.13 0.95 0.00	26.64 1.01 0.00	32.19 1.24 0.00	32.10 1.52 -0.30	37.44 1.79 -0.81	32.16 1.65 0.00	31.08 1.51 -2.51	29.72 1.81 -2.42	26.26 1.65 -2.75	32.91 1.97 -4.62	34.86 2.09 -5.38	37.40 2.29 -5.86	40.74 2.38 -6.24	62.05 3.41 -4.13	230.10 12.40 -10.26	241.15 12.56 -3.26	75.48 3.98 -0.79	63.51 2.56 0.00	51.57 1.60 0.00	49.41 1.45 0.00	36.90 1.23 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.39 1.61 0.00	30.87 1.31 0.00	22.99 0.94 0.00	25.13 0.95 0.00	26.64 1.01 0.00	32.19 1.24 0.00	32.10 1.52 -0.30	37.44 1.79 -0.81	32.16 1.65 0.00	31.08 1.51 -2.51	29.72 1.81 -2.42	26.26 1.65 -2.75	32.91 1.97 -4.62	34.86 2.09 -5.38	37.40 2.29 -5.86	40.74 2.38 -6.24	62.05 3.41 -4.13	230.10 12.40 -10.26	241.15 12.56 -3.26	75.48 3.98 -0.79	63.51 2.56 0.00	51.57 1.60 0.00	49.41 1.45 0.00	36.90 1.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	36.33 1.55 0.00	30.81 1.26 0.00	22.99 0.93 0.00	25.15 0.97 0.00	26.65 1.01 0.00	32.20 1.25 0.00	32.16 1.55 -0.34	37.59 1.84 -0.90	32.11 1.60 0.00	28.46 1.39 0.00	29.13 1.51 -2.13	25.65 1.36 -2.42	32.03 1.63 -4.08	33.87 1.74 -4.75	36.34 1.91 -5.17	39.70 2.06 -5.51	61.37 3.21 -3.65	228.33 12.01 -8.88	240.36 12.43 -2.60	75.33 3.94 -0.67	63.53 2.59 0.00	51.64 1.66 0.00	49.42 1.46 0.00	36.85 1.18 0.00
POLETTI_____ 23519	36.38 1.60 0.00	30.86 1.31 0.00	22.98 0.93 0.00	25.10 0.92 0.00	26.61 0.97 0.00	32.16 1.21 0.00	32.09 1.51 -0.30	37.43 1.78 -0.80	32.18 1.67 0.00	31.47 1.56 -2.84	29.88 1.77 -2.61	26.49 1.65 -2.97	33.27 1.95 -5.00	35.24 2.04 -5.82	37.74 2.14 -6.33	41.05 2.18 -6.75	62.19 3.21 -4.47	228.87 11.03 -10.40	239.95 11.42 -3.20	75.15 3.66 -0.77	63.25 2.31 0.00	51.36 1.38 0.00	49.29 1.33 0.00	36.89 1.22 0.00
POMONA___ESR 323819	36.30 1.52 0.00	30.76 1.21 0.00	22.89 0.84 0.00	25.02 0.84 0.00	26.54 0.90 0.00	32.07 1.12 0.00	31.96 1.41 -0.28	37.26 1.66 -0.75	31.98 1.47 0.00	21.12 1.35 7.30	30.54 1.62 -3.43	27.26 1.50 -3.90	34.69 1.80 -6.57	36.96 1.93 -7.65	39.74 2.16 -8.32	43.20 2.21 -8.87	63.72 3.35 -5.87	230.96 12.57 -10.95	241.16 12.92 -2.91	75.40 3.97 -0.71	63.43 2.49 0.00	51.45 1.48 0.00	49.33 1.37 0.00	36.80 1.13 0.00
PORT_JEFF_3 23555	36.41 1.63 0.00	30.91 1.35 0.00	23.04 0.99 0.00	25.10 0.92 0.00	26.63 0.99 0.00	32.03 1.08 0.00	31.68 1.10 -0.30	36.33 1.21 -0.27	31.67 1.17 0.00	30.78 1.12 -2.59	23.18 1.66 3.97	-4.87 1.44 28.18	26.07 1.60 1.85	43.24 1.60 -14.26	46.91 1.68 -15.98	47.52 1.62 -13.78	62.25 2.29 -5.46	58.43 7.10 156.11	67.78 5.69 163.24	44.68 2.12 28.15	49.00 0.98 12.93	43.16 0.34 7.16	46.54 0.30 1.72	36.39 0.72 0.00
PORT_JEFF_4 23616	36.41 1.63 0.00	30.91 1.35 0.00	23.04 0.99 0.00	25.10 0.92 0.00	26.63 0.99 0.00	32.03 1.08 0.00	31.68 1.10 -0.30	36.33 1.21 -0.27	31.67 1.17 0.00	30.78 1.12 -2.59	23.18 1.66 3.97	-4.87 1.44 28.18	26.07 1.60 1.85	43.24 1.60 -14.26	46.91 1.68 -15.98	47.52 1.62 -13.78	62.25 2.29 -5.46	58.43 7.10 156.11	67.78 5.69 163.24	44.68 2.12 28.15	49.00 0.98 12.93	43.16 0.34 7.16	46.54 0.30 1.72	36.39 0.72 0.00

PORT_JEFF_IC 23713	36.47 1.68 0.00	30.94 1.39 0.00	23.07 1.02 0.00	25.13 0.95 0.00	26.65 1.02 0.00	32.07 1.12 0.00	31.73 1.15 -0.30	36.38 1.26 -0.28	31.73 1.22 0.00	30.74 1.16 -2.50	22.28 1.70 4.91	-7.19 1.48 30.53	25.25 1.66 2.73	43.40 1.66 -14.36	47.13 1.73 -16.14	47.23 1.72 -13.38	62.07 2.44 -5.12	60.32 7.29 154.41	68.83 5.61 162.11	44.26 2.21 28.67	48.51 1.16 13.60	42.91 0.46 7.52	46.52 0.37 1.81	36.45 0.78 0.00
PPL PILGRIM_ST_GT1 24216	36.91 2.12 0.00	31.28 1.72 0.00	23.29 1.24 0.00	25.40 1.22 0.00	26.93 1.30 0.00	32.41 1.46 0.00	32.07 1.49 -0.30	36.77 1.62 -0.29	32.05 1.54 0.00	33.06 1.58 -4.41	41.99 2.17 -14.32	38.98 1.91 -15.20	43.59 2.14 -15.12	46.87 2.09 -17.40	50.46 2.22 -18.98	60.63 2.14 -26.36	79.54 3.03 -22.01	80.12 9.30 136.62	77.42 7.85 155.76	57.96 3.34 16.11	62.02 2.36 1.28	50.81 1.55 0.71	49.06 1.28 0.17	36.96 1.29 0.00
PPL PILGRIM_ST_GT2 24217	36.91 2.12 0.00	31.28 1.72 0.00	23.29 1.24 0.00	25.40 1.22 0.00	26.93 1.30 0.00	32.41 1.46 0.00	32.07 1.49 -0.30	36.77 1.62 -0.29	32.05 1.54 0.00	33.06 1.58 -4.41	41.99 2.17 -14.32	38.98 1.91 -15.20	43.59 2.14 -15.12	46.87 2.09 -17.40	50.46 2.22 -18.98	60.63 2.14 -26.36	79.54 3.03 -22.01	80.12 9.30 136.62	77.42 7.85 155.76	57.96 3.34 16.11	62.02 2.36 1.28	50.81 1.55 0.71	49.06 1.28 0.17	36.96 1.29 0.00
PPL_SHRM_GT3 24213	36.08 1.30 0.00	30.62 1.07 0.00	22.85 0.79 0.00	24.85 0.67 0.00	26.40 0.76 0.00	31.76 0.81 0.00	31.39 0.82 -0.30	36.04 0.92 -0.27	31.37 0.86 0.00	30.50 0.82 -2.61	23.08 1.37 3.79	-4.69 1.23 27.79	25.93 1.29 1.68	43.01 1.25 -14.38	46.69 1.32 -16.12	47.39 1.28 -13.99	62.18 1.87 -5.80	59.20 6.75 154.99	68.86 6.18 162.65	44.62 1.90 28.00	48.75 0.64 12.84	42.84 -0.03 7.10	46.10 -0.15 1.70	35.99 0.32 0.00
PPL_SHRM_GT4 24214	36.08 1.30 0.00	30.62 1.07 0.00	22.85 0.79 0.00	24.85 0.67 0.00	26.40 0.76 0.00	31.76 0.81 0.00	31.39 0.82 -0.30	36.04 0.92 -0.27	31.37 0.86 0.00	30.50 0.82 -2.61	23.08 1.37 3.79	-4.69 1.23 27.79	25.93 1.29 1.68	43.01 1.25 -14.38	46.69 1.32 -16.12	47.39 1.28 -13.99	62.18 1.87 -5.80	59.20 6.75 154.99	68.86 6.18 162.65	44.62 1.90 28.00	48.75 0.64 12.84	42.84 -0.03 7.10	46.10 -0.15 1.70	35.99 0.32 0.00
PROJECT___ORANGE 1 24174	34.54 -0.30 -0.05	29.26 -0.30 0.00	21.82 -0.23 0.00	23.96 -0.23 0.00	25.40 -0.24 0.00	30.73 -0.22 0.00	30.22 -0.06 0.00	34.74 -0.11 0.00	30.41 -0.10 0.00	26.93 -0.14 0.00	25.45 -0.04 0.00	21.85 -0.02 0.00	26.30 -0.02 0.00	27.44 0.05 -0.02	29.35 0.09 0.00	32.70 0.06 -0.51	57.83 0.10 -3.23	216.31 1.30 -7.57	236.21 1.33 -9.56	74.96 0.34 -3.90	64.34 0.01 -3.39	53.39 -0.29 -3.71	50.99 -0.38 -3.41	36.71 -0.31 -1.35
PROJECT___ORANGE 2 24166	34.54 -0.30 -0.05	29.26 -0.30 0.00	21.82 -0.23 0.00	23.96 -0.23 0.00	25.40 -0.24 0.00	30.73 -0.22 0.00	30.22 -0.06 0.00	34.74 -0.11 0.00	30.41 -0.10 0.00	26.93 -0.14 0.00	25.45 -0.04 0.00	21.85 -0.02 0.00	26.30 -0.02 0.00	27.44 0.05 -0.02	29.35 0.09 0.00	32.70 0.06 -0.51	57.83 0.10 -3.23	216.31 1.30 -7.57	236.21 1.33 -9.56	74.96 0.34 -3.90	64.34 0.01 -3.39	53.39 -0.29 -3.71	50.99 -0.38 -3.41	36.71 -0.31 -1.35
PUCKETT___SOLAR 323809	35.00 0.18 -0.04	29.62 0.06 0.00	22.06 0.01 0.00	24.36 0.18 0.00	25.83 0.19 0.00	31.26 0.31 0.00	30.89 0.61 0.00	35.57 0.72 0.00	32.53 2.02 0.00	27.96 1.05 0.16	26.25 0.97 0.22	22.15 0.72 0.44	25.46 0.88 1.74	26.00 0.43 1.81	27.73 0.44 1.98	30.74 0.36 1.74	56.14 0.77 -0.87	215.92 4.27 -4.21	237.71 5.68 -6.71	75.29 1.83 -2.74	64.29 0.97 -2.38	52.78 0.21 -2.60	50.31 -0.04 -2.39	36.48 -0.13 -0.94
PYRITES___HYD 24023	36.09 1.30 -0.01	30.67 1.11 0.00	22.83 0.78 0.00	25.03 0.85 0.00	26.56 0.93 0.00	32.08 1.13 0.00	31.32 1.04 0.00	36.06 1.20 0.00	31.44 0.93 0.00	27.61 0.54 0.00	25.62 0.13 0.00	21.90 0.03 0.00	26.39 0.07 0.00	27.36 -0.03 0.00	29.05 -0.21 0.00	32.03 -0.21 -0.12	55.16 -0.10 -0.76	210.17 0.95 -1.78	233.00 5.42 -2.25	73.61 1.97 -0.92	64.22 2.47 -0.80	53.32 2.47 -0.87	51.33 2.58 -0.80	37.80 1.81 -0.32
QUAKERRD_115KV_BK1 80622	33.72 -1.09 -0.03	28.57 -0.99 0.00	21.23 -0.82 0.00	23.39 -0.79 0.00	24.79 -0.85 0.00	30.04 -0.92 0.00	29.51 -0.77 0.00	33.57 -1.28 0.00	29.74 -0.78 0.00	23.41 -0.46 3.20	21.56 -0.35 3.58	18.57 -0.29 3.01	26.10 -0.18 0.03	27.30 -0.09 -0.01	29.14 -0.12 0.00	32.13 -0.36 -0.36	55.69 -1.08 -2.27	210.19 -2.58 -5.33	227.77 -4.28 -6.72	71.89 -1.57 -2.74	61.65 -1.68 -2.39	50.94 -1.65 -2.61	48.95 -1.41 -2.40	35.50 -1.11 -0.95
QUENSBRY_115KV_TB8 356137	36.10 1.32 0.00	30.77 1.22 0.00	22.97 0.92 0.00	25.17 0.99 0.00	26.69 1.05 0.00	32.32 1.37 0.00	33.93 1.74 -1.92	42.09 2.15 -5.09	31.99 1.48 0.00	28.37 0.80 -0.50	26.65 0.56 -0.59	23.05 0.50 -0.68	28.14 0.67 -1.15	29.45 0.73 -1.33	31.57 0.86 -1.45	35.01 1.35 -1.55	58.49 2.96 -1.02	241.54 13.16 -20.94	257.65 14.43 -17.90	77.54 4.56 -2.26	64.36 3.42 0.00	52.15 2.18 0.00	49.70 1.74 0.00	36.91 1.24 0.00
RAMAPO___LBMP 323565	36.13 1.35 0.00	30.63 1.08 0.00	22.79 0.74 0.00	24.91 0.73 0.00	26.43 0.79 0.00	31.94 0.99 0.00	31.82 1.26 -0.28	37.09 1.50 -0.73	31.83 1.32 0.00	21.16 1.19 7.11	30.36 1.47 -3.40	27.10 1.37 -3.87	34.49 1.66 -6.51	36.73 1.77 -7.58	39.48 1.97 -8.25	42.91 1.99 -8.80	63.29 2.96 -5.82	229.50 11.29 -10.77	239.82 11.66 -2.83	74.97 3.56 -0.69	63.10 2.16 0.00	51.19 1.22 0.00	49.09 1.14 0.00	36.62 0.95 0.00
RANKINE___ 23646	33.75 -1.06 -0.03	28.50 -1.06 0.00	21.07 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.35 -0.92 0.00	33.15 -1.70 0.00	29.89 -0.62 0.00	33.41 0.07 -6.27	32.72 0.24 -6.99	27.84 0.17 -5.81	25.73 0.19 0.77	26.75 0.35 0.97	28.33 0.12 1.06	30.93 -0.42 0.78	54.15 -1.80 -1.44	205.44 -6.54 -4.55	222.40 -9.40 -6.48	70.27 -3.09 -2.64	60.40 -2.84 -2.30	50.00 -2.49 -2.51	48.50 -1.77 -2.31	35.21 -1.38 -0.91
RAVENSWOOD_GT2_1 24244	36.61 1.82 0.00	31.05 1.50 0.00	23.11 1.06 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.63 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.14 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.46 -10.40	242.19 13.66 -3.20	75.78 4.28 -0.77	63.73 2.79 0.00	51.71 1.74 0.00	49.58 1.62 0.00	37.07 1.40 0.00
RAVENSWOOD_GT2_2 24245	36.61 1.82 0.00	31.05 1.50 0.00	23.11 1.06 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.63 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.14 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.46 -10.40	242.19 13.66 -3.20	75.78 4.28 -0.77	63.73 2.79 0.00	51.71 1.74 0.00	49.58 1.62 0.00	37.07 1.40 0.00



RAVENSWOOD_GT2_3 24246	36.62 1.84 0.00	31.07 1.51 0.00	23.12 1.07 0.00	25.27 1.09 0.00	26.79 1.15 0.00	32.37 1.42 0.00	32.27 1.69 -0.30	37.63 1.98 -0.80	32.36 1.85 0.00	31.64 1.74 -2.84	30.07 1.97 -2.61	26.64 1.79 -2.97	33.47 2.15 -5.00	35.48 2.28 -5.82	38.05 2.46 -6.33	41.37 2.50 -6.75	62.75 3.77 -4.47	231.52 13.67 -10.40	242.32 13.79 -3.20	75.82 4.33 -0.77	63.77 2.83 0.00	51.74 1.76 0.00	49.60 1.65 0.00	37.09 1.42 0.00
RAVENSWOOD_GT2_4 24247	36.62 1.84 0.00	31.07 1.51 0.00	23.12 1.07 0.00	25.27 1.09 0.00	26.79 1.15 0.00	32.37 1.42 0.00	32.27 1.69 -0.30	37.63 1.98 -0.80	32.36 1.85 0.00	31.64 1.74 -2.84	30.07 1.97 -2.61	26.64 1.79 -2.97	33.47 2.15 -5.00	35.48 2.28 -5.82	38.05 2.46 -6.33	41.37 2.50 -6.75	62.75 3.77 -4.47	231.52 13.67 -10.40	242.32 13.79 -3.20	75.82 4.33 -0.77	63.77 2.83 0.00	51.74 1.76 0.00	49.60 1.65 0.00	37.09 1.42 0.00
RAVENSWOOD_GT3_1 24248	36.61 1.82 0.00	31.05 1.50 0.00	23.11 1.06 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.63 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.14 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.46 -10.40	242.19 13.66 -3.20	75.78 4.28 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.07 1.40 0.00
RAVENSWOOD_GT3_2 24249	36.61 1.82 0.00	31.05 1.50 0.00	23.11 1.06 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.63 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.14 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.46 -10.40	242.19 13.66 -3.20	75.78 4.28 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.07 1.40 0.00
RAVENSWOOD_GT3_3 24250	36.66 1.87 0.00	31.10 1.54 0.00	23.14 1.09 0.00	25.30 1.12 0.00	26.82 1.18 0.00	32.40 1.45 0.00	32.32 1.74 -0.30	37.68 2.02 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.11 2.00 -2.61	26.67 1.83 -2.97	33.51 2.19 -5.00	35.52 2.32 -5.82	38.09 2.50 -6.33	41.42 2.55 -6.75	62.82 3.85 -4.47	231.73 13.88 -10.40	242.64 14.11 -3.20	75.92 4.43 -0.77	63.85 2.91 0.00	51.81 1.84 0.00	49.67 1.72 0.00	37.13 1.46 0.00
RAVENSWOOD_GT3_4 24251	36.66 1.87 0.00	31.10 1.54 0.00	23.14 1.09 0.00	25.30 1.12 0.00	26.82 1.18 0.00	32.40 1.45 0.00	32.32 1.74 -0.30	37.68 2.02 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.11 2.00 -2.61	26.67 1.83 -2.97	33.51 2.19 -5.00	35.52 2.32 -5.82	38.09 2.50 -6.33	41.42 2.55 -6.75	62.82 3.85 -4.47	231.73 13.88 -10.40	242.64 14.11 -3.20	75.92 4.43 -0.77	63.85 2.91 0.00	51.81 1.84 0.00	49.67 1.72 0.00	37.13 1.46 0.00
RAVENSWOOD_GT_1 23729	36.70 1.92 0.00	31.16 1.60 0.00	23.19 1.13 0.00	25.35 1.17 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.36 1.78 -0.30	37.70 2.06 -0.80	32.44 1.93 0.00	31.74 1.84 -2.84	30.16 2.06 -2.61	26.72 1.88 -2.97	33.58 2.26 -5.00	35.58 2.37 -5.82	38.12 2.52 -6.33	41.41 2.54 -6.75	62.77 3.79 -4.47	231.52 13.67 -10.40	242.45 13.92 -3.20	75.84 4.35 -0.77	63.79 2.84 0.00	51.75 1.77 0.00	49.62 1.67 0.00	37.16 1.49 0.00
RAVENSWOOD_GT_10 24258	36.61 1.83 0.00	31.05 1.50 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.62 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.13 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.47 -10.40	242.19 13.66 -3.20	75.78 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.07 1.40 0.00
RAVENSWOOD_GT_11 24259	36.61 1.83 0.00	31.05 1.50 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.62 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.13 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.47 -10.40	242.19 13.66 -3.20	75.78 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.07 1.40 0.00
RAVENSWOOD_GT_4 24252	36.60 1.82 0.00	31.04 1.49 0.00	23.10 1.05 0.00	25.25 1.07 0.00	26.77 1.14 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.61 1.96 -0.80	32.33 1.82 0.00	31.61 1.70 -2.84	30.04 1.94 -2.61	26.60 1.76 -2.97	33.44 2.12 -5.00	35.44 2.24 -5.82	38.02 2.42 -6.33	41.35 2.48 -6.75	62.71 3.74 -4.47	231.35 13.50 -10.40	242.24 13.71 -3.20	75.79 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.06 1.39 0.00
RAVENSWOOD_GT_5 24254	36.60 1.82 0.00	31.04 1.49 0.00	23.10 1.05 0.00	25.25 1.07 0.00	26.77 1.14 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.61 1.96 -0.80	32.33 1.82 0.00	31.61 1.70 -2.84	30.04 1.94 -2.61	26.60 1.76 -2.97	33.44 2.12 -5.00	35.44 2.24 -5.82	38.02 2.42 -6.33	41.35 2.48 -6.75	62.71 3.74 -4.47	231.35 13.50 -10.40	242.24 13.71 -3.20	75.79 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.06 1.39 0.00
RAVENSWOOD_GT_6 24253	36.60 1.82 0.00	31.04 1.49 0.00	23.10 1.05 0.00	25.25 1.07 0.00	26.77 1.14 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.61 1.96 -0.80	32.33 1.82 0.00	31.61 1.70 -2.84	30.04 1.94 -2.61	26.60 1.76 -2.97	33.44 2.12 -5.00	35.44 2.24 -5.82	38.02 2.42 -6.33	41.35 2.48 -6.75	62.71 3.74 -4.47	231.35 13.50 -10.40	242.24 13.71 -3.20	75.79 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.06 1.39 0.00
RAVENSWOOD_GT_7 24255	36.60 1.82 0.00	31.04 1.49 0.00	23.10 1.05 0.00	25.25 1.07 0.00	26.77 1.14 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.61 1.96 -0.80	32.33 1.82 0.00	31.61 1.70 -2.84	30.04 1.94 -2.61	26.60 1.76 -2.97	33.44 2.12 -5.00	35.44 2.24 -5.82	38.02 2.42 -6.33	41.35 2.48 -6.75	62.71 3.74 -4.47	231.35 13.50 -10.40	242.24 13.71 -3.20	75.79 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.06 1.39 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.61 1.83 0.00	31.05 1.50 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.62 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.13 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.47 -10.40	242.19 13.66 -3.20	75.78 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.07 1.40 0.00
RAVENSWOOD_GT_9 24257	36.61 1.83 0.00	31.05 1.50 0.00	23.10 1.05 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.36 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.62 1.72 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.46 2.13 -5.00	35.46 2.26 -5.82	38.03 2.43 -6.33	41.35 2.48 -6.75	62.70 3.72 -4.47	231.31 13.47 -10.40	242.19 13.66 -3.20	75.78 4.29 -0.77	63.73 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.07 1.40 0.00

RAVENSWOOD___1 23533	36.66 1.88 0.00	31.12 1.56 0.00	23.16 1.11 0.00	25.33 1.14 0.00	26.85 1.21 0.00	32.44 1.49 0.00	32.34 1.76 -0.30	37.69 2.04 -0.80	32.43 1.92 0.00	31.72 1.81 -2.84	30.15 2.05 -2.61	26.70 1.86 -2.97	33.54 2.22 -5.00	35.56 2.35 -5.82	38.10 2.50 -6.33	41.39 2.52 -6.75	62.75 3.78 -4.47	231.49 13.65 -10.40	242.37 13.84 -3.20	75.83 4.34 -0.77	63.76 2.81 0.00	51.73 1.76 0.00	49.61 1.65 0.00	37.14 1.47 0.00
RAVENSWOOD___2 23534	36.42 1.64 0.00	31.03 1.48 0.00	23.14 1.08 0.00	25.29 1.11 0.00	26.80 1.16 0.00	32.39 1.44 0.00	32.29 1.71 -0.30	37.58 1.93 -0.80	32.35 1.83 0.00	31.67 1.76 -2.84	30.11 2.00 -2.61	26.67 1.83 -2.97	33.50 2.18 -5.00	35.49 2.29 -5.82	38.00 2.41 -6.33	41.16 2.29 -6.75	62.32 3.34 -4.47	229.81 11.97 -10.40	240.57 12.04 -3.20	75.26 3.77 -0.77	63.27 2.33 0.00	51.33 1.36 0.00	49.23 1.28 0.00	36.93 1.26 0.00
RAVENSWOOD___3 23535	36.61 1.83 0.00	31.05 1.50 0.00	23.11 1.06 0.00	25.26 1.08 0.00	26.78 1.14 0.00	32.37 1.41 0.00	32.26 1.68 -0.30	37.62 1.97 -0.80	32.34 1.83 0.00	31.63 1.73 -2.84	30.06 1.95 -2.61	26.62 1.78 -2.97	33.45 2.13 -5.00	35.46 2.26 -5.82	38.03 2.44 -6.33	41.36 2.48 -6.75	62.71 3.73 -4.47	231.31 13.47 -10.40	242.21 13.68 -3.20	75.78 4.29 -0.77	63.74 2.79 0.00	51.72 1.75 0.00	49.58 1.62 0.00	37.08 1.41 0.00
RAVENSWOOD___4 23820	36.66 1.88 0.00	31.12 1.56 0.00	23.16 1.11 0.00	25.33 1.14 0.00	26.85 1.21 0.00	32.44 1.49 0.00	32.34 1.76 -0.30	37.69 2.04 -0.80	32.43 1.92 0.00	31.72 1.81 -2.84	30.15 2.05 -2.61	26.70 1.86 -2.97	33.54 2.22 -5.00	35.56 2.35 -5.82	38.10 2.50 -6.33	41.39 2.52 -6.75	62.75 3.78 -4.47	231.49 13.65 -10.40	242.37 13.84 -3.20	75.83 4.34 -0.77	63.76 2.81 0.00	51.73 1.76 0.00	49.61 1.65 0.00	37.14 1.47 0.00
RCPL_TRUST___DRP 24196	36.64 1.86 0.00	31.08 1.53 0.00	23.13 1.07 0.00	25.29 1.11 0.00	26.80 1.16 0.00	32.40 1.45 0.00	32.29 1.72 -0.30	37.67 2.02 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.12 2.01 -2.62	26.68 1.84 -2.98	33.54 2.21 -5.01	35.55 2.34 -5.83	38.12 2.52 -6.34	41.45 2.57 -6.76	62.85 3.87 -4.48	231.76 13.92 -10.41	242.60 14.08 -3.20	75.88 4.39 -0.77	63.80 2.85 0.00	51.76 1.78 0.00	49.61 1.65 0.00	37.10 1.43 0.00
RED___ROCHESTER 323720	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.76 0.25 0.00	36.72 0.54 -9.11	35.99 0.64 -9.86	30.76 0.59 -8.29	26.49 0.72 0.56	27.44 0.80 0.74	29.82 0.76 0.20	33.00 0.53 -0.34	57.01 0.35 -2.16	215.41 2.91 -5.06	233.04 1.33 -6.38	73.40 0.08 -2.60	62.89 -0.32 -2.26	51.92 -0.53 -2.47	49.94 -0.29 -2.28	36.29 -0.28 -0.90
REGAN___SOLAR 323812	35.85 1.07 0.00	30.43 0.87 0.00	22.68 0.63 0.00	24.87 0.68 0.00	26.39 0.76 0.00	31.97 1.02 0.00	32.61 1.25 -1.08	39.21 1.48 -2.88	31.25 0.74 0.00	26.90 -0.17 0.00	25.50 -0.33 -0.34	21.99 -0.26 -0.38	26.62 -0.35 -0.65	27.82 -0.31 -0.75	29.75 -0.33 -0.82	32.71 -0.29 -0.88	55.30 0.21 -0.58	225.34 6.50 -11.39	246.03 10.64 -10.06	75.51 3.56 -1.23	63.70 2.76 0.00	51.92 1.95 0.00	49.63 1.68 0.00	36.80 1.13 0.00
RENSSELAER___COGEN 23796	34.95 0.16 0.00	29.78 0.22 0.00	22.28 0.23 0.00	24.37 0.18 0.00	25.84 0.21 0.00	31.24 0.28 0.00	24.46 0.48 6.29	18.72 0.59 16.71	30.88 0.37 0.00	27.81 0.18 -0.56	26.37 0.18 -0.70	22.85 0.19 -0.79	27.84 0.18 -1.34	29.16 0.21 -1.56	31.23 0.27 -1.70	34.26 0.33 -1.81	56.05 0.35 -1.20	127.66 2.08 81.86	167.07 2.30 60.55	62.13 0.72 9.31	61.09 0.15 0.00	49.96 -0.02 0.00	47.78 -0.18 0.00	35.60 -0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.55 2.77 0.00	32.23 2.67 0.00	23.94 1.89 0.00	26.30 2.11 0.00	27.89 2.25 0.00	33.89 2.93 0.00	35.86 3.62 -1.96	44.54 4.49 -5.20	33.69 3.18 0.00	29.46 1.88 -0.50	27.49 1.40 -0.60	23.78 1.23 -0.68	29.15 1.68 -1.15	30.49 1.77 -1.34	32.73 2.01 -1.46	36.64 2.97 -1.56	62.07 6.54 -1.03	254.88 26.03 -21.41	272.52 28.90 -18.29	82.31 9.27 -2.32	68.55 7.61 0.00	55.02 5.05 0.00	52.08 4.12 0.00	38.70 3.03 0.00
REVERE_CPPR_DRP 24186	35.58 0.77 -0.03	30.17 0.61 0.00	22.50 0.45 0.00	24.69 0.51 0.00	26.20 0.56 0.00	31.77 0.81 0.00	31.30 1.03 0.00	36.07 1.22 0.00	31.45 0.94 0.00	27.64 0.56 0.00	26.05 0.56 0.00	22.35 0.49 0.00	26.86 0.54 0.00	28.00 0.61 -0.01	29.97 0.71 0.00	33.24 0.87 -0.25	57.79 1.74 -1.55	221.06 9.99 -3.63	242.48 12.58 -4.58	76.55 3.96 -1.87	65.65 3.08 -1.62	53.90 2.16 -1.77	51.35 1.76 -1.63	37.49 1.18 -0.64
REYNLDPA_13_KV_LD 356490	35.30 0.51 0.00	29.98 0.43 0.00	22.34 0.28 0.00	24.51 0.33 0.00	25.98 0.34 0.00	31.33 0.38 0.00	30.45 0.17 0.00	35.04 0.19 0.00	30.74 0.22 0.00	27.37 0.30 0.00	25.57 0.08 0.00	21.87 0.01 0.00	26.36 0.04 0.00	27.35 -0.03 0.00	29.11 -0.15 0.00	31.97 -0.15 0.00	54.52 0.02 0.00	206.50 -0.94 0.00	224.21 -1.12 0.00	70.62 -0.10 0.00	61.50 0.56 0.00	50.79 0.82 0.00	48.93 0.97 0.00	36.39 0.72 0.00
REYNOLDS_115KV_TB3 80639	35.34 0.56 0.00	30.10 0.54 0.00	22.51 0.46 0.00	24.63 0.45 0.00	26.11 0.48 0.00	31.59 0.63 0.00	36.31 0.83 -5.21	49.68 0.99 -13.83	31.23 0.71 0.00	28.14 0.48 -0.59	26.67 0.46 -0.71	23.10 0.42 -0.81	28.17 0.47 -1.37	29.51 0.53 -1.60	31.59 0.59 -1.74	34.72 0.74 -1.86	56.81 1.08 -1.23	271.52 4.89 -59.19	279.57 5.27 -48.98	78.88 1.62 -6.54	61.81 0.87 0.00	50.50 0.52 0.00	48.28 0.32 0.00	35.97 0.30 0.00
RIVERBAY____ 323610	37.42 2.64 0.00	31.73 2.17 0.00	23.62 1.57 0.00	25.84 1.66 0.00	27.40 1.76 0.00	33.14 2.19 0.00	33.06 2.48 -0.30	38.49 2.84 -0.80	33.13 2.62 0.00	32.28 2.37 -2.84	30.66 2.55 -2.61	27.14 2.30 -2.97	34.09 2.77 -5.00	36.12 2.92 -5.82	38.65 3.05 -6.33	42.06 3.18 -6.75	63.92 4.95 -4.47	235.45 17.61 -10.40	247.04 18.51 -3.20	77.35 5.86 -0.77	65.07 4.13 0.00	52.86 2.88 0.00	50.71 2.76 0.00	37.90 2.23 0.00
RIVERSDE_115KV_TB3 55908	35.19 0.41 0.00	29.97 0.42 0.00	22.42 0.37 0.00	24.54 0.35 0.00	26.01 0.38 0.00	31.46 0.50 0.00	33.54 0.70 -2.56	42.51 0.85 -6.81	31.11 0.60 0.00	28.03 0.39 -0.58	26.55 0.36 -0.70	23.02 0.35 -0.80	28.05 0.38 -1.35	29.38 0.43 -1.57	31.48 0.50 -1.71	34.58 0.63 -1.82	56.59 0.88 -1.21	238.69 4.20 -27.05	253.65 4.48 -23.84	75.01 1.36 -2.93	61.59 0.64 0.00	50.32 0.34 0.00	48.11 0.16 0.00	35.84 0.17 0.00
ROARING___BROOK_WT_PWR 323790	33.88 -0.90 0.00	28.75 -0.81 0.00	21.47 -0.58 0.00	23.55 -0.63 0.00	25.00 -0.63 0.00	30.23 -0.72 0.00	29.60 -0.68 0.00	34.17 -0.68 0.00	30.07 -0.44 0.00	26.92 -0.16 0.00	25.40 -0.09 0.00	21.79 -0.08 0.00	26.14 -0.18 0.00	27.15 -0.23 0.00	29.05 -0.21 0.00	31.88 -0.24 0.00	54.24 -0.26 0.00	206.88 -0.56 0.00	224.99 -0.33 0.00	70.51 -0.21 0.00	60.64 -0.31 0.00	49.77 -0.20 0.00	47.83 -0.13 0.00	35.65 -0.02 0.00

ROCHESRG_115KV_T4 355643	34.31 -0.50 -0.03	29.07 -0.49 0.00	21.58 -0.47 0.00	23.80 -0.38 0.00	25.21 -0.42 0.00	30.55 -0.41 0.00	29.99 -0.29 0.00	34.16 -0.70 0.00	30.42 -0.09 0.00	36.24 0.24 -8.93	35.81 0.33 -9.99	30.54 0.29 -8.38	26.13 0.37 0.55	27.13 0.49 0.74	29.47 0.41 0.20	32.61 0.15 -0.34	56.28 -0.34 -2.12	212.59 0.17 -4.98	230.22 -1.39 -6.29	72.60 -0.68 -2.56	62.25 -0.92 -2.23	51.41 -1.00 -2.44	49.48 -0.72 -2.24	35.98 -0.58 -0.88
ROCHESTER_9_IC 23652	34.48 -0.33 -0.03	29.20 -0.36 0.00	21.67 -0.38 0.00	23.91 -0.27 0.00	25.33 -0.31 0.00	30.69 -0.26 0.00	30.15 -0.12 0.00	34.37 -0.48 0.00	30.62 0.11 0.00	36.60 0.42 -9.11	35.85 0.50 -9.86	30.62 0.46 -8.29	26.30 0.53 0.56	27.29 0.65 0.74	29.67 0.61 0.20	32.82 0.36 -0.34	56.71 0.05 -2.16	214.21 1.71 -5.06	231.95 0.24 -6.38	73.12 -0.20 -2.60	62.67 -0.53 -2.26	51.74 -0.71 -2.47	49.78 -0.45 -2.28	36.17 -0.40 -0.90
ROCKVIEW_13_KV_LD 356306	36.59 1.81 0.00	31.03 1.47 0.00	23.09 1.04 0.00	25.25 1.07 0.00	26.77 1.13 0.00	32.34 1.39 0.00	32.24 1.66 -0.30	37.59 1.95 -0.80	32.30 1.78 0.00	31.57 1.66 -2.84	29.98 1.88 -2.61	26.55 1.71 -2.97	33.36 2.04 -5.00	35.36 2.16 -5.82	37.95 2.35 -6.34	41.31 2.43 -6.75	62.70 3.72 -4.47	231.50 13.65 -10.40	242.40 13.87 -3.20	75.85 4.35 -0.77	63.81 2.86 0.00	51.78 1.81 0.00	49.62 1.67 0.00	37.07 1.40 0.00
ROME____115KV_TB2 80656	35.58 0.77 -0.03	30.17 0.61 0.00	22.50 0.45 0.00	24.69 0.51 0.00	26.20 0.56 0.00	31.77 0.81 0.00	31.30 1.03 0.00	36.07 1.22 0.00	31.45 0.94 0.00	27.64 0.56 0.00	26.05 0.56 0.00	22.35 0.49 0.00	26.86 0.54 0.00	28.00 0.61 -0.01	29.97 0.71 0.00	33.24 0.87 -0.25	57.79 1.74 -1.55	221.06 9.99 -3.63	242.48 12.58 -4.58	76.55 3.96 -1.87	65.65 3.08 -1.62	53.90 2.16 -1.77	51.35 1.76 -1.63	37.49 1.18 -0.64
ROSETON___1 23587	36.05 1.27 0.00	30.59 1.04 0.00	22.81 0.75 0.00	24.95 0.76 0.00	26.45 0.81 0.00	31.94 0.99 0.00	31.81 1.26 -0.27	37.08 1.50 -0.72	31.93 1.42 0.00	29.56 1.25 -1.24	29.02 1.47 -2.06	25.50 1.30 -2.33	31.69 1.48 -3.89	33.49 1.58 -4.52	35.92 1.73 -4.93	39.19 1.82 -5.25	60.68 2.70 -3.47	226.60 9.70 -9.46	238.24 9.82 -3.10	74.61 3.14 -0.75	62.88 1.94 0.00	51.16 1.19 0.00	49.03 1.08 0.00	36.60 0.93 0.00
ROSETON___2 23588	36.05 1.27 0.00	30.59 1.04 0.00	22.81 0.75 0.00	24.95 0.76 0.00	26.45 0.81 0.00	31.94 0.99 0.00	31.81 1.26 -0.27	37.08 1.50 -0.72	31.93 1.42 0.00	29.56 1.25 -1.24	29.02 1.47 -2.06	25.50 1.30 -2.33	31.69 1.48 -3.89	33.49 1.58 -4.52	35.92 1.73 -4.93	39.19 1.82 -5.25	60.68 2.70 -3.47	226.60 9.70 -9.46	238.24 9.82 -3.10	74.61 3.14 -0.75	62.88 1.94 0.00	51.16 1.19 0.00	49.03 1.08 0.00	36.60 0.93 0.00
ROTRRDAM_115KV_TB3 80664	35.54 0.76 0.00	30.23 0.68 0.00	22.58 0.53 0.00	24.73 0.55 0.00	26.22 0.58 0.00	31.69 0.74 0.00	32.40 0.89 -1.22	39.15 1.06 -3.24	31.29 0.78 0.00	28.06 0.53 -0.46	26.54 0.51 -0.54	22.95 0.46 -0.62	27.92 0.55 -1.04	29.21 0.61 -1.22	31.27 0.69 -1.33	34.38 0.84 -1.42	56.89 1.45 -0.94	226.66 6.27 -12.96	243.60 6.94 -11.34	74.31 2.22 -1.37	62.46 1.52 0.00	50.99 1.01 0.00	48.80 0.85 0.00	36.32 0.65 0.00
RUSSELL___1 23602	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.77 0.26 0.00	36.73 0.55 -9.11	35.99 0.64 -9.86	30.75 0.59 -8.29	26.41 0.65 0.56	27.41 0.77 0.74	29.80 0.75 0.20	32.99 0.52 -0.34	57.02 0.36 -2.16	215.43 2.93 -5.06	233.17 1.46 -6.38	73.44 0.12 -2.60	62.92 -0.29 -2.26	51.94 -0.51 -2.47	49.96 -0.27 -2.28	36.29 -0.28 -0.90
RUSSELL___2 23532	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.77 0.26 0.00	36.73 0.55 -9.11	35.99 0.64 -9.86	30.75 0.59 -8.29	26.41 0.65 0.56	27.41 0.77 0.74	29.80 0.75 0.20	32.99 0.52 -0.34	57.02 0.36 -2.16	215.43 2.93 -5.06	233.17 1.46 -6.38	73.44 0.12 -2.60	62.92 -0.29 -2.26	51.94 -0.51 -2.47	49.96 -0.27 -2.28	36.29 -0.28 -0.90
RUSSELL___3 23549	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.77 0.26 0.00	36.73 0.55 -9.11	35.99 0.64 -9.86	30.75 0.59 -8.29	26.41 0.65 0.56	27.41 0.77 0.74	29.80 0.75 0.20	32.99 0.52 -0.34	57.02 0.36 -2.16	215.43 2.93 -5.06	233.17 1.46 -6.38	73.44 0.12 -2.60	62.92 -0.29 -2.26	51.94 -0.51 -2.47	49.96 -0.27 -2.28	36.29 -0.28 -0.90
RUSSELL___4 23556	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.77 0.26 0.00	36.73 0.55 -9.11	35.99 0.64 -9.86	30.75 0.59 -8.29	26.41 0.65 0.56	27.41 0.77 0.74	29.80 0.75 0.20	32.99 0.52 -0.34	57.02 0.36 -2.16	215.43 2.93 -5.06	233.17 1.46 -6.38	73.44 0.12 -2.60	62.92 -0.29 -2.26	51.94 -0.51 -2.47	49.96 -0.27 -2.28	36.29 -0.28 -0.90
RUSSELL___STATION 23914	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.77 0.26 0.00	36.73 0.55 -9.11	35.99 0.64 -9.86	30.75 0.59 -8.29	26.41 0.65 0.56	27.41 0.77 0.74	29.80 0.75 0.20	32.99 0.52 -0.34	57.02 0.36 -2.16	215.43 2.93 -5.06	233.17 1.46 -6.38	73.44 0.12 -2.60	62.92 -0.29 -2.26	51.94 -0.51 -2.47	49.96 -0.27 -2.28	36.29 -0.28 -0.90
S SALMON___HYD 24043	34.43 -0.43 -0.08	29.18 -0.37 0.00	21.74 -0.32 0.00	23.85 -0.33 0.00	25.28 -0.36 0.00	30.60 -0.35 0.00	30.20 -0.07 0.00	34.82 -0.04 0.00	30.44 -0.07 0.00	26.86 -0.21 0.00	25.31 -0.18 0.00	21.72 -0.15 0.00	26.02 -0.30 0.00	27.09 -0.31 -0.03	28.89 -0.36 0.00	32.41 -0.48 -0.76	58.64 -0.65 -4.78	219.50 0.84 -11.22	242.75 3.26 -14.16	77.72 1.23 -5.78	66.84 0.88 -5.02	55.91 0.45 -5.49	53.20 0.19 -5.05	37.70 0.03 -1.99
S.PERRY__115KV_TB1 80734	34.95 0.14 -0.03	29.47 -0.09 0.00	21.87 -0.18 0.00	24.16 -0.02 0.00	25.59 -0.04 0.00	31.04 0.09 0.00	30.79 0.51 0.00	35.15 0.30 0.00	31.13 0.62 0.00	33.34 0.52 -5.74	32.58 0.69 -6.40	27.80 0.61 -5.32	26.22 0.71 0.81	27.23 0.84 0.99	28.99 0.81 1.08	31.91 0.57 0.79	56.45 0.41 -1.53	216.74 4.50 -4.79	238.96 6.83 -6.80	75.72 2.22 -2.78	64.83 1.48 -2.41	53.47 0.86 -2.64	51.26 0.87 -2.43	36.80 0.18 -0.96
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	33.60 -1.21 -0.03	28.41 -1.15 0.00	21.00 -1.05 0.00	23.32 -0.87 0.00	24.66 -0.97 0.00	29.87 -1.09 0.00	29.19 -1.09 0.00	32.92 -1.93 0.00	29.71 -0.80 0.00	33.52 -0.07 -6.52	32.82 0.06 -7.26	27.94 0.02 -6.05	25.61 0.03 0.75	26.62 0.18 0.94	28.15 -0.09 1.03	30.72 -0.66 0.74	53.59 -2.36 -1.44	203.32 -8.64 -4.51	219.85 -11.89 -6.41	69.47 -3.86 -2.61	59.74 -3.48 -2.27	49.49 -2.97 -2.49	48.08 -2.17 -2.29	35.03 -1.54 -0.90

SAWYER___23_KV_LOAD 55526	33.60 -1.21 -0.03	28.41 -1.15 0.00	21.00 -1.05 0.00	23.32 -0.87 0.00	24.66 -0.97 0.00	29.87 -1.09 0.00	29.19 -1.09 0.00	32.92 -1.93 0.00	29.71 -0.80 0.00	33.52 -0.07 -6.52	32.82 0.06 -7.26	27.94 0.02 -6.05	25.61 0.03 0.75	26.62 0.18 0.94	28.15 -0.09 1.03	30.72 -0.66 0.74	53.59 -2.36 -1.44	203.32 -8.64 -4.51	219.85 -11.89 -6.41	69.47 -3.86 -2.61	59.74 -3.48 -2.27	49.49 -2.97 -2.49	48.08 -2.17 -2.29	35.03 -1.54 -0.90
SELKIRK___I 23801	34.51 -0.28 0.00	29.40 -0.16 0.00	21.99 -0.07 0.00	24.08 -0.11 0.00	25.53 -0.11 0.00	30.85 -0.10 0.00	27.17 0.05 3.16	26.52 0.05 8.38	30.33 -0.18 0.00	27.14 -0.38 -0.45	25.85 -0.36 -0.71	22.40 -0.28 -0.81	27.32 -0.37 -1.37	28.62 -0.37 -1.60	30.65 -0.35 -1.74	33.65 -0.33 -1.86	55.10 -0.63 -1.22	165.26 -1.23 40.96	193.89 -1.04 30.39	65.71 -0.29 4.71	60.33 -0.62 0.00	49.35 -0.62 0.00	47.23 -0.73 0.00	35.19 -0.48 0.00
SELKIRK___II 23799	34.80 0.01 0.00	29.64 0.08 0.00	22.16 0.11 0.00	24.25 0.07 0.00	25.72 0.08 0.00	31.08 0.12 0.00	26.92 0.30 3.66	25.50 0.35 9.70	30.69 0.18 0.00	27.63 0.03 -0.52	26.22 0.05 -0.67	22.72 0.09 -0.77	27.69 0.06 -1.30	28.99 0.09 -1.52	31.04 0.13 -1.65	34.03 0.16 -1.76	55.69 0.04 -1.15	160.38 0.61 47.67	190.79 0.68 35.21	65.53 0.28 5.46	60.81 -0.14 0.00	49.75 -0.23 0.00	47.60 -0.36 0.00	35.47 -0.20 0.00
SENECA OSWGO___HYD 24041	34.23 -0.66 -0.11	28.96 -0.59 0.00	21.60 -0.45 0.00	23.71 -0.47 0.00	25.13 -0.51 0.00	30.41 -0.54 0.00	29.89 -0.39 0.00	34.42 -0.43 0.00	30.13 -0.38 0.00	26.65 -0.42 0.00	25.15 -0.35 0.00	21.57 -0.29 0.00	25.97 -0.35 0.00	27.08 -0.34 -0.04	28.93 -0.33 0.00	32.78 -0.39 -1.05	60.42 -0.64 -6.56	221.46 -1.39 -15.41	243.45 -1.32 -19.45	78.26 -0.39 -7.93	67.19 -0.65 -6.90	56.77 -0.74 -7.54	54.08 -0.82 -6.94	37.74 -0.66 -2.74
SENECA___115KV_TB3 355854	33.80 -1.01 -0.03	28.55 -1.01 0.00	21.10 -0.95 0.00	23.42 -0.76 0.00	24.78 -0.85 0.00	30.01 -0.94 0.00	29.41 -0.87 0.00	33.21 -1.64 0.00	29.94 -0.57 0.00	33.45 0.11 -6.27	32.76 0.28 -6.99	27.88 0.21 -5.81	25.79 0.24 0.77	26.81 0.40 0.97	28.38 0.18 1.06	30.98 -0.36 0.78	54.26 -1.69 -1.44	205.84 -6.15 -4.55	222.78 -9.03 -6.48	70.41 -2.96 -2.64	60.52 -2.72 -2.30	50.09 -2.40 -2.51	48.57 -1.70 -2.31	35.26 -1.32 -0.91
SENECA___ENERGY 23797	34.59 -0.25 -0.06	29.25 -0.30 0.00	21.77 -0.28 0.00	23.95 -0.24 0.00	25.40 -0.23 0.00	30.78 -0.17 0.00	30.31 0.03 0.00	34.77 -0.08 0.00	30.55 0.04 0.00	27.11 0.04 0.00	25.63 0.14 0.00	21.97 0.11 0.00	26.49 0.17 0.00	27.66 0.26 -0.02	29.56 0.30 0.00	32.98 0.25 -0.61	58.51 0.17 -3.84	218.39 1.93 -9.02	238.62 1.90 -11.39	75.93 0.56 -4.64	65.15 0.17 -4.04	54.19 -0.20 -4.41	51.78 -0.24 -4.07	36.97 -0.31 -1.61
SHOEMAKER___GT 23640	35.94 1.16 0.00	30.49 0.94 0.00	22.73 0.68 0.00	24.86 0.68 0.00	26.36 0.73 0.00	31.85 0.89 0.00	31.69 1.16 -0.25	36.88 1.37 -0.66	31.63 1.12 0.00	22.02 0.96 6.00	16.26 1.17 10.40	11.11 1.10 11.86	7.59 1.32 20.06	5.47 1.45 23.35	5.48 1.64 25.42	6.69 1.66 27.09	39.06 2.49 17.93	208.63 9.80 8.62	238.34 10.52 -2.50	74.60 3.25 -0.62	62.93 1.98 0.00	51.10 1.12 0.00	48.96 1.01 0.00	36.48 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	35.94 1.16 0.00	30.49 0.94 0.00	22.72 0.67 0.00	24.86 0.67 0.00	26.36 0.72 0.00	31.84 0.89 0.00	31.67 1.15 -0.25	36.86 1.35 -0.66	31.63 1.12 0.00	22.12 0.97 5.92	12.32 1.20 14.37	6.60 1.12 16.39	-0.02 1.37 27.71	-3.40 1.48 32.26	-4.19 1.67 35.12	-3.62 1.69 37.43	32.26 2.52 24.78	203.21 9.85 14.08	238.21 10.41 -2.47	74.56 3.23 -0.61	62.90 1.95 0.00	51.06 1.09 0.00	48.95 0.99 0.00	36.47 0.80 0.00
SHOREHAM_IC_1 23715	36.08 1.30 0.00	30.62 1.07 0.00	22.85 0.79 0.00	24.85 0.67 0.00	26.40 0.76 0.00	31.76 0.81 0.00	31.39 0.82 -0.30	36.04 0.92 -0.27	31.37 0.86 0.00	30.50 0.82 -2.61	23.08 1.37 3.79	-4.69 1.23 27.79	25.93 1.29 1.68	43.01 1.25 -14.38	46.69 1.32 -16.12	47.39 1.28 -13.99	62.18 1.87 -5.80	59.20 6.75 154.99	68.86 6.18 162.65	44.62 1.90 28.00	48.75 0.64 12.84	42.84 -0.03 7.10	46.10 -0.15 1.70	35.99 0.32 0.00
SHOREHAM_IC_2 23716	36.07 1.29 0.00	30.63 1.07 0.00	22.85 0.79 0.00	24.86 0.68 0.00	26.39 0.75 0.00	31.76 0.81 0.00	31.39 0.82 -0.30	36.04 0.92 -0.27	31.37 0.86 0.00	30.50 0.81 -2.61	23.07 1.37 3.79	-4.70 1.22 27.79	25.94 1.30 1.68	43.02 1.26 -14.38	46.69 1.31 -16.12	47.39 1.28 -13.99	62.18 1.88 -5.80	59.25 6.80 154.99	68.74 6.05 162.65	44.63 1.91 28.00	48.75 0.64 12.84	42.84 -0.03 7.10	46.08 -0.17 1.70	35.99 0.32 0.00
SISSONVILLE____ 23735	35.46 0.67 -0.01	30.10 0.54 0.00	22.40 0.35 0.00	24.57 0.39 0.00	26.05 0.42 0.00	31.46 0.51 0.00	30.74 0.46 0.00	35.49 0.63 0.00	31.03 0.52 0.00	27.40 0.33 0.00	25.52 0.03 0.00	21.81 -0.05 0.00	26.24 -0.08 0.00	27.19 -0.20 -0.01	28.91 -0.35 0.00	31.84 -0.42 -0.13	54.89 -0.45 -0.83	208.43 -0.96 -1.95	229.61 1.82 -2.47	72.37 0.65 -1.01	63.07 1.25 -0.87	52.46 1.53 -0.96	50.56 1.73 -0.88	37.25 1.23 -0.35
SITHE_IND_GS1 24169	33.34 -1.04 0.40	28.64 -0.91 0.00	21.38 -0.68 0.00	23.46 -0.73 0.00	24.86 -0.78 0.00	30.06 -0.89 0.00	29.51 -0.76 0.00	33.98 -0.87 0.00	29.76 -0.76 0.00	26.38 -0.70 0.00	24.88 -0.61 0.00	21.35 -0.52 0.00	25.68 -0.64 0.00	26.60 -0.65 0.13	28.59 -0.67 0.00	27.40 -0.78 3.95	28.37 -1.34 24.80	144.80 -4.42 58.22	147.05 -4.79 73.49	39.23 -1.52 29.97	33.36 -1.51 26.07	20.09 -1.40 28.49	20.32 -1.41 26.23	24.25 -1.07 10.34
SITHE_IND_GS2 24170	33.34 -1.04 0.40	28.64 -0.91 0.00	21.38 -0.68 0.00	23.46 -0.73 0.00	24.86 -0.78 0.00	30.06 -0.89 0.00	29.51 -0.76 0.00	33.98 -0.87 0.00	29.76 -0.76 0.00	26.38 -0.70 0.00	24.88 -0.61 0.00	21.35 -0.52 0.00	25.68 -0.64 0.00	26.60 -0.65 0.13	28.59 -0.67 0.00	27.40 -0.78 3.95	28.37 -1.34 24.80	144.80 -4.42 58.22	147.05 -4.79 73.49	39.23 -1.52 29.97	33.36 -1.51 26.07	20.09 -1.40 28.49	20.32 -1.41 26.23	24.25 -1.07 10.34
SITHE_IND_GS3 24171	33.34 -1.04 0.40	28.64 -0.91 0.00	21.38 -0.68 0.00	23.46 -0.73 0.00	24.86 -0.78 0.00	30.06 -0.89 0.00	29.51 -0.76 0.00	33.98 -0.87 0.00	29.76 -0.76 0.00	26.38 -0.70 0.00	24.88 -0.61 0.00	21.35 -0.52 0.00	25.68 -0.64 0.00	26.60 -0.65 0.13	28.59 -0.67 0.00	27.40 -0.78 3.95	28.37 -1.34 24.80	144.80 -4.42 58.22	147.05 -4.79 73.49	39.23 -1.52 29.97	33.36 -1.51 26.07	20.09 -1.40 28.49	20.32 -1.41 26.23	24.25 -1.07 10.34
SITHE_IND_GS4 24172	33.34 -1.04 0.40	28.64 -0.91 0.00	21.38 -0.68 0.00	23.46 -0.73 0.00	24.86 -0.78 0.00	30.06 -0.89 0.00	29.51 -0.76 0.00	33.98 -0.87 0.00	29.76 -0.76 0.00	26.38 -0.70 0.00	24.88 -0.61 0.00	21.35 -0.52 0.00	25.68 -0.64 0.00	26.60 -0.65 0.13	28.59 -0.67 0.00	27.40 -0.78 3.95	28.37 -1.34 24.80	144.80 -4.42 58.22	147.05 -4.79 73.49	39.23 -1.52 29.97	33.36 -1.51 26.07	20.09 -1.40 28.49	20.32 -1.41 26.23	24.25 -1.07 10.34

SITHE___BATAVIA 24024	34.53 -0.28 -0.03	29.20 -0.35 0.00	21.61 -0.44 0.00	23.93 -0.26 0.00	25.34 -0.30 0.00	30.73 -0.22 0.00	30.10 -0.18 0.00	34.19 -0.66 0.00	30.69 0.18 0.00	35.35 0.50 -7.78	34.59 0.41 -8.69	29.41 0.27 -7.27	26.13 0.46 0.65	27.34 0.81 0.85	28.69 0.35 0.92	31.43 -0.06 0.63	54.90 -1.14 -1.53	210.30 -1.74 -4.60	229.39 -2.38 -6.45	72.49 -0.86 -2.63	62.20 -1.04 -2.29	51.37 -1.11 -2.50	49.64 -0.61 -2.30	36.19 -0.38 -0.91
SITHE___INDEPEND 23800	33.34 -1.04 0.40	28.64 -0.91 0.00	21.38 -0.68 0.00	23.46 -0.73 0.00	24.86 -0.77 0.00	30.06 -0.89 0.00	29.51 -0.76 0.00	33.98 -0.87 0.00	29.76 -0.76 0.00	26.37 -0.70 0.00	24.87 -0.62 0.00	21.35 -0.52 0.00	25.67 -0.65 0.00	26.60 -0.64 0.13	28.59 -0.67 0.00	27.40 -0.78 3.95	28.37 -1.34 24.80	144.81 -4.41 58.22	147.05 -4.79 73.49	39.23 -1.52 29.97	33.37 -1.51 26.07	20.09 -1.40 28.49	20.32 -1.41 26.23	24.25 -1.07 10.34
SITHE___MASSENA 23902	35.30 0.52 0.00	29.99 0.43 0.00	22.34 0.28 0.00	24.51 0.32 0.00	25.98 0.34 0.00	31.34 0.38 0.00	30.46 0.18 0.00	35.07 0.21 0.00	30.74 0.23 0.00	27.34 0.27 0.00	25.53 0.04 0.00	21.84 -0.03 0.00	26.31 -0.02 0.00	27.31 -0.08 0.00	29.06 -0.20 0.00	31.91 -0.21 0.00	54.42 -0.09 0.00	206.82 -0.62 0.00	225.35 0.03 0.00	70.71 -0.01 0.00	61.57 0.62 0.00	50.86 0.88 0.00	48.98 1.03 0.00	36.43 0.76 0.00
SITHE___OGDNSBRG 24021	36.01 1.21 -0.01	30.59 1.04 0.00	22.77 0.72 0.00	24.97 0.79 0.00	26.50 0.86 0.00	32.00 1.04 0.00	31.18 0.90 0.00	35.88 1.03 0.00	31.29 0.78 0.00	27.54 0.47 0.00	25.59 0.10 0.00	21.88 0.01 0.00	26.37 0.05 0.00	27.35 -0.04 0.00	29.06 -0.20 0.00	32.02 -0.20 -0.10	55.07 -0.06 -0.62	209.45 0.55 -1.45	231.69 4.53 -1.83	73.14 1.68 -0.75	63.81 2.21 -0.65	52.92 2.23 -0.71	50.93 2.32 -0.65	37.58 1.65 -0.26
SITHE___STERLING 23777	35.39 0.58 -0.03	30.01 0.46 0.00	22.39 0.34 0.00	24.57 0.39 0.00	26.06 0.42 0.00	31.58 0.62 0.00	31.10 0.83 0.00	35.83 0.98 0.00	31.24 0.73 0.00	27.49 0.42 0.00	25.93 0.44 0.00	22.26 0.39 0.00	26.79 0.47 0.00	27.93 0.54 -0.01	29.89 0.63 0.00	33.14 0.75 -0.28	57.71 1.47 -1.73	219.59 8.08 -4.07	240.45 9.99 -5.14	75.92 3.10 -2.09	65.09 2.33 -1.82	53.52 1.55 -1.99	51.03 1.24 -1.83	37.22 0.83 -0.72
SLEIGHT__34_KV_TB1 80719	34.35 -0.48 -0.04	29.08 -0.48 0.00	21.60 -0.45 0.00	23.78 -0.40 0.00	25.22 -0.41 0.00	30.58 -0.37 0.00	30.08 -0.20 0.00	34.34 -0.51 0.00	30.32 -0.19 0.00	24.51 -0.08 2.48	22.69 -0.02 2.78	19.53 -0.01 2.33	26.43 0.13 0.02	27.63 0.23 -0.01	29.50 0.23 0.00	32.69 0.13 -0.43	57.08 -0.13 -2.71	215.21 1.40 -6.37	234.11 0.75 -8.04	74.00 0.01 -3.28	63.48 -0.32 -2.85	52.49 -0.60 -3.12	50.31 -0.51 -2.87	36.32 -0.48 -1.13
SMITHTWN_69_KV_BK 1 55830	36.61 1.83 0.00	31.06 1.50 0.00	23.14 1.09 0.00	25.21 1.03 0.00	26.74 1.10 0.00	32.18 1.22 0.00	31.83 1.25 -0.30	36.50 1.37 -0.28	31.83 1.32 0.00	30.40 1.27 -2.06	17.85 1.80 9.44	-18.06 1.57 41.50	21.15 1.77 6.94	43.20 1.77 -14.05	47.11 1.89 -15.96	44.74 1.91 -10.72	59.29 2.85 -1.93	62.45 9.51 154.50	72.19 8.17 161.31	42.08 2.85 31.49	45.95 1.61 16.61	41.57 0.79 9.19	46.38 0.63 2.21	36.61 0.94 0.00
SOUTH CAIRO___GT 23612	35.60 0.81 0.00	30.30 0.74 0.00	22.65 0.60 0.00	24.79 0.61 0.00	26.30 0.66 0.00	31.85 0.90 0.00	28.08 1.18 3.38	27.36 1.48 8.97	31.51 1.00 0.00	27.49 0.42 0.00	26.58 0.22 -0.86	23.01 0.16 -0.98	28.14 0.15 -1.66	29.51 0.19 -1.94	31.62 0.25 -2.11	34.84 0.47 -2.25	56.98 0.99 -1.48	171.52 7.11 43.04	202.50 9.67 32.50	68.82 3.07 4.97	63.05 2.11 0.00	51.46 1.48 0.00	49.06 1.10 0.00	36.43 0.76 0.00
SOUTH HAMPTN___IC 23720	36.36 1.57 0.00	30.93 1.38 0.00	23.06 1.01 0.00	25.11 0.93 0.00	26.68 1.04 0.00	32.13 1.17 0.00	31.77 1.19 -0.30	36.46 1.34 -0.27	31.76 1.25 0.00	30.90 1.20 -2.63	23.67 1.77 3.60	-3.87 1.57 27.31	26.51 1.70 1.51	43.36 1.65 -14.33	47.04 1.74 -16.04	47.86 1.71 -14.04	62.93 2.62 -5.80	61.19 9.42 155.67	70.59 8.33 163.06	45.35 2.53 27.91	49.41 1.16 12.69	43.27 0.33 7.03	46.42 0.15 1.69	36.22 0.55 0.00
SOUTHDOW_115KV_TB1 355954	34.18 -0.63 -0.03	28.68 -0.87 0.00	21.18 -0.87 0.00	23.45 -0.73 0.00	24.88 -0.76 0.00	30.36 -0.60 0.00	30.04 -0.24 0.00	34.17 -0.69 0.00	30.81 0.30 0.00	33.85 0.84 -5.94	33.29 1.18 -6.62	28.35 0.99 -5.49	26.58 1.07 0.81	27.59 1.23 1.02	29.31 1.16 1.11	31.96 0.67 0.83	56.21 0.27 -1.42	213.29 1.28 -4.57	230.89 -0.98 -6.55	72.92 -0.47 -2.67	62.18 -1.08 -2.32	51.00 -1.51 -2.54	49.25 -1.04 -2.34	35.49 -1.10 -0.92
SOUTHOLD_69_KV_BK 2 55809	36.45 1.67 0.00	31.13 1.58 0.00	23.20 1.15 0.00	25.28 1.10 0.00	26.90 1.26 0.00	32.42 1.46 0.00	32.04 1.46 -0.30	36.80 1.68 -0.27	32.07 1.55 0.00	31.20 1.50 -2.63	24.00 2.10 3.59	-3.56 1.86 27.28	26.85 2.02 1.50	43.63 1.92 -14.33	47.31 2.00 -16.05	48.12 1.95 -14.04	63.46 3.14 -5.81	63.21 11.41 155.64	72.06 9.79 163.04	45.60 2.78 27.90	49.54 1.28 12.69	43.26 0.31 7.02	46.37 0.10 1.68	36.19 0.52 0.00
SOUTHOLD___IC 23719	36.46 1.67 0.00	31.13 1.58 0.00	23.20 1.15 0.00	25.28 1.10 0.00	26.90 1.27 0.00	32.42 1.46 0.00	32.04 1.46 -0.30	36.80 1.68 -0.27	32.06 1.56 0.00	31.20 1.50 -2.63	24.01 2.11 3.59	-3.55 1.87 27.28	26.84 2.01 1.50	43.63 1.91 -14.33	47.31 2.00 -16.05	48.11 1.95 -14.04	63.46 3.14 -5.81	63.20 11.40 155.64	72.15 9.87 163.04	45.61 2.79 27.90	49.54 1.28 12.69	43.27 0.32 7.02	46.38 0.11 1.68	36.20 0.53 0.00
SOUTH_FORK_WT_PWR 323839	36.20 1.42 0.00	31.01 1.46 0.00	23.09 1.04 0.00	25.18 1.00 0.00	26.82 1.18 0.00	32.32 1.37 0.00	31.93 1.36 -0.30	36.69 1.57 -0.27	31.95 1.44 0.00	31.11 1.41 -2.63	23.96 2.06 3.59	-3.60 1.83 27.30	26.76 1.94 1.50	43.49 1.78 -14.33	47.14 1.83 -16.04	47.88 1.71 -14.04	63.09 2.78 -5.80	61.81 10.02 155.66	70.24 7.97 163.06	44.83 2.02 27.90	48.85 0.60 12.69	42.70 -0.25 7.02	45.84 -0.43 1.69	35.82 0.15 0.00
SPIERFLS_115KV_TB 1 80737	35.91 1.13 0.00	30.61 1.05 0.00	22.85 0.80 0.00	25.03 0.85 0.00	26.54 0.90 0.00	32.13 1.17 0.00	33.66 1.50 -1.88	41.69 1.84 -5.00	31.77 1.26 0.00	28.23 0.66 -0.50	26.54 0.45 -0.59	22.96 0.42 -0.67	28.01 0.55 -1.14	29.31 0.61 -1.33	31.42 0.72 -1.45	34.80 1.14 -1.54	58.04 2.51 -1.02	239.43 11.45 -20.54	255.43 12.53 -17.57	76.88 3.94 -2.22	63.83 2.88 0.00	51.78 1.81 0.00	49.40 1.44 0.00	36.69 1.02 0.00
ST LAWRENCE____ 23600	34.91 0.12 0.00	29.64 0.08 0.00	22.09 0.04 0.00	24.22 0.04 0.00	25.68 0.04 0.00	30.97 0.02 0.00	30.10 -0.18 0.00	34.66 -0.19 0.00	30.40 -0.11 0.00	27.08 0.01 0.00	25.32 -0.17 0.00	21.66 -0.20 0.00	26.10 -0.23 0.00	27.08 -0.30 0.00	28.84 -0.42 0.00	31.68 -0.45 0.00	53.98 -0.52 0.00	204.97 -2.48 0.00	222.74 -2.58 0.00	69.90 -0.82 0.00	60.81 -0.14 0.00	50.20 0.22 0.00	48.34 0.39 0.00	35.95 0.29 0.00

STATE_CA_115KV_115_LB 55624	35.20 0.42 0.00	29.99 0.44 0.00	22.42 0.37 0.00	24.54 0.35 0.00	26.01 0.38 0.00	31.45 0.49 0.00	32.15 0.71 -1.16	38.78 0.85 -3.08	31.12 0.61 0.00	28.02 0.39 -0.55	26.55 0.39 -0.67	23.00 0.37 -0.77	28.02 0.41 -1.29	29.35 0.46 -1.51	31.46 0.56 -1.64	34.57 0.69 -1.75	56.66 0.99 -1.16	222.34 4.62 -10.28	240.71 4.87 -10.51	73.22 1.44 -1.05	61.69 0.75 0.00	50.38 0.41 0.00	48.17 0.21 0.00	35.88 0.21 0.00
STATE_ST_34_KV_LOAD 55959	34.93 0.08 -0.06	29.60 0.04 0.00	21.97 -0.08 0.00	24.14 -0.04 0.00	25.68 0.04 0.00	31.12 0.16 0.00	30.53 0.25 0.00	35.16 0.31 0.00	30.80 0.29 0.00	27.23 0.16 0.00	25.69 0.20 0.00	22.05 0.19 0.00	26.55 0.23 0.00	27.71 0.31 -0.02	29.53 0.27 0.00	33.10 0.32 -0.65	59.13 0.52 -4.10	220.62 3.55 -9.62	241.56 4.09 -12.15	76.73 1.05 -4.95	65.94 0.69 -4.31	54.95 0.27 -4.71	52.50 0.21 -4.34	37.44 0.06 -1.71
STATION_5_MISC_HYD 23604	34.48 -0.33 -0.03	29.20 -0.35 0.00	21.68 -0.38 0.00	23.91 -0.27 0.00	25.33 -0.31 0.00	30.69 -0.26 0.00	30.15 -0.12 0.00	34.37 -0.48 0.00	30.61 0.10 0.00	36.59 0.41 -9.11	35.86 0.51 -9.86	30.61 0.45 -8.29	26.38 0.61 0.56	27.32 0.68 0.74	29.68 0.62 0.20	32.83 0.37 -0.34	56.71 0.05 -2.16	214.16 1.66 -5.06	231.89 0.17 -6.38	73.09 -0.23 -2.60	62.65 -0.56 -2.26	51.73 -0.72 -2.47	49.76 -0.48 -2.28	36.17 -0.40 -0.90
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	34.54 -0.28 -0.04	29.22 -0.33 0.00	21.72 -0.33 0.00	23.92 -0.26 0.00	25.37 -0.27 0.00	30.75 -0.21 0.00	30.25 -0.02 0.00	34.57 -0.28 0.00	30.58 0.07 0.00	27.30 0.23 0.00	25.80 0.31 0.00	22.13 0.26 0.00	26.70 0.38 0.00	27.89 0.49 -0.01	29.78 0.52 0.00	32.93 0.38 -0.42	57.45 0.27 -2.67	216.28 2.57 -6.27	234.91 1.67 -7.92	74.33 0.38 -3.23	63.73 -0.02 -2.81	52.69 -0.35 -3.07	50.51 -0.27 -2.83	36.46 -0.32 -1.12
STA_56_34_KV_BUS2_REV_LBMP_B 345033	34.29 -0.52 -0.03	29.04 -0.51 0.00	21.56 -0.49 0.00	23.77 -0.41 0.00	25.18 -0.45 0.00	30.52 -0.43 0.00	30.00 -0.28 0.00	34.18 -0.68 0.00	30.39 -0.12 0.00	38.03 0.18 -10.77	37.22 0.28 -11.44	35.66 0.27 -13.52	26.71 0.34 -0.05	27.85 0.46 -0.01	29.70 0.44 0.00	32.67 0.20 -0.35	56.52 -0.18 -2.20	213.48 0.88 -5.16	231.16 -0.69 -6.52	72.90 -0.48 -2.66	62.48 -0.77 -2.31	51.59 -0.91 -2.53	49.59 -0.69 -2.33	36.01 -0.58 -0.92
STA_56___34_KV_BUS2 355983	34.29 -0.52 -0.03	29.04 -0.51 0.00	21.56 -0.49 0.00	23.77 -0.41 0.00	25.18 -0.45 0.00	30.52 -0.43 0.00	30.00 -0.28 0.00	34.18 -0.68 0.00	30.39 -0.12 0.00	38.03 0.18 -10.77	37.22 0.28 -11.44	35.66 0.27 -13.52	26.71 0.34 -0.05	27.85 0.46 -0.01	29.70 0.44 0.00	32.67 0.20 -0.35	56.52 -0.18 -2.20	213.48 0.88 -5.16	231.16 -0.69 -6.52	72.90 -0.48 -2.66	62.48 -0.77 -2.31	51.59 -0.91 -2.53	49.59 -0.69 -2.33	36.01 -0.58 -0.92
STA_67___115KV_BK2 355882	34.41 -0.40 -0.03	29.14 -0.42 0.00	21.64 -0.41 0.00	23.87 -0.32 0.00	25.28 -0.36 0.00	30.63 -0.32 0.00	30.10 -0.18 0.00	34.29 -0.56 0.00	30.54 0.03 0.00	36.50 0.34 -9.08	35.75 0.43 -9.83	30.52 0.39 -8.27	26.22 0.46 0.56	27.23 0.59 0.74	29.59 0.53 0.20	32.74 0.27 -0.34	56.56 -0.10 -2.15	213.58 1.09 -5.05	231.40 -0.30 -6.37	72.96 -0.36 -2.60	62.52 -0.68 -2.26	51.63 -0.82 -2.47	49.68 -0.55 -2.27	36.10 -0.46 -0.90
STA_7___115KV_9TRANS 80674	34.62 -0.19 -0.03	29.32 -0.24 0.00	21.76 -0.30 0.00	23.99 -0.19 0.00	25.42 -0.22 0.00	30.81 -0.14 0.00	30.28 0.00 0.00	34.53 -0.32 0.00	30.77 0.26 0.00	36.73 0.55 -9.11	35.99 0.64 -9.86	30.75 0.59 -8.29	26.41 0.65 0.56	27.41 0.77 0.74	29.80 0.75 0.20	32.99 0.52 -0.34	57.02 0.36 -2.16	215.43 2.93 -5.06	233.17 1.46 -6.38	73.44 0.12 -2.60	62.92 -0.29 -2.26	51.94 -0.51 -2.47	49.96 -0.27 -2.28	36.29 -0.28 -0.90
STA_82___115KV_TB1 80780	34.42 -0.39 -0.03	29.16 -0.40 0.00	21.64 -0.41 0.00	23.87 -0.31 0.00	25.29 -0.35 0.00	30.64 -0.31 0.00	30.10 -0.18 0.00	34.29 -0.56 0.00	30.54 0.03 0.00	36.64 0.34 -9.23	35.91 0.43 -9.99	30.66 0.39 -8.41	26.23 0.46 0.56	27.23 0.59 0.74	29.59 0.54 0.20	32.76 0.28 -0.35	56.60 -0.08 -2.18	213.81 1.26 -5.11	231.53 -0.24 -6.45	73.02 -0.33 -2.63	62.60 -0.63 -2.29	51.68 -0.79 -2.50	49.73 -0.53 -2.30	36.13 -0.45 -0.91
STEEL___WIND 323596	33.76 -1.05 -0.03	28.50 -1.06 0.00	21.06 -0.99 0.00	23.39 -0.79 0.00	24.75 -0.89 0.00	29.97 -0.98 0.00	29.37 -0.91 0.00	33.17 -1.68 0.00	29.90 -0.61 0.00	33.41 0.07 -6.27	32.73 0.26 -6.99	27.84 0.16 -5.81	25.84 0.30 0.77	26.80 0.39 0.97	28.35 0.15 1.06	30.94 -0.40 0.78	54.16 -1.79 -1.44	205.52 -6.46 -4.55	222.42 -9.38 -6.48	70.26 -3.10 -2.64	60.41 -2.83 -2.30	49.97 -2.51 -2.51	48.48 -1.79 -2.31	35.20 -1.39 -0.91
STEPHTWN_115KV_BK_2 55603	35.22 0.43 0.00	29.97 0.41 0.00	22.42 0.36 0.00	24.51 0.32 0.00	26.00 0.36 0.00	31.47 0.52 0.00	24.76 0.77 6.29	19.03 0.89 16.71	31.09 0.58 0.00	27.99 0.36 -0.56	26.48 0.29 -0.70	22.92 0.27 -0.79	27.97 0.31 -1.34	29.26 0.32 -1.56	31.35 0.39 -1.70	34.42 0.48 -1.81	56.44 0.73 -1.20	129.60 4.01 81.86	169.44 4.66 60.55	62.83 1.42 9.31	61.70 0.76 0.00	50.38 0.41 0.00	48.14 0.19 0.00	35.87 0.19 0.00
STEBEN_REC_LFGE 323667	33.01 -1.81 -0.04	27.73 -1.83 0.00	20.62 -1.43 0.00	22.84 -1.34 0.00	24.17 -1.46 0.00	29.37 -1.58 0.00	29.23 -1.05 0.00	32.99 -1.86 0.00	29.12 -1.39 0.00	30.32 -0.74 -3.98	29.72 -0.20 -4.43	25.24 -0.25 -3.62	24.89 -0.49 0.94	26.20 -0.07 1.11	27.83 -0.21 1.21	30.57 -0.63 0.92	54.64 -1.34 -1.48	208.72 -3.53 -4.80	229.09 -3.15 -6.91	72.51 -1.03 -2.82	61.75 -1.64 -2.45	51.04 -1.61 -2.68	48.77 -1.66 -2.47	34.72 -1.92 -0.97
STILLWATER___SOLAR 323814	36.07 1.29 0.00	30.67 1.12 0.00	22.92 0.87 0.00	25.10 0.92 0.00	26.62 0.98 0.00	32.23 1.28 0.00	34.01 1.52 -2.21	42.54 1.81 -5.88	31.83 1.32 0.00	28.42 0.84 -0.52	26.81 0.71 -0.62	23.19 0.62 -0.70	28.24 0.74 -1.18	29.57 0.81 -1.38	31.69 0.93 -1.50	34.98 1.26 -1.60	57.97 2.41 -1.06	242.74 10.95 -24.35	257.95 11.92 -20.70	77.10 3.74 -2.64	63.65 2.71 0.00	51.82 1.84 0.00	49.48 1.53 0.00	36.80 1.12 0.00
STONY___BROOK 24151	36.53 1.75 0.00	31.00 1.44 0.00	23.10 1.04 0.00	25.17 0.99 0.00	26.70 1.06 0.00	32.11 1.16 0.00	31.78 1.20 -0.30	36.44 1.31 -0.28	31.78 1.27 0.00	30.69 1.22 -2.40	21.34 1.76 5.90	-9.56 1.53 32.95	24.37 1.70 3.66	43.41 1.72 -14.32	47.22 1.83 -16.13	46.76 1.81 -12.82	61.62 2.65 -4.46	61.62 8.39 154.21	70.43 6.91 161.81	43.97 2.53 29.29	48.08 1.40 14.26	42.69 0.61 7.89	46.56 0.50 1.89	36.52 0.85 0.00
STURGEON_POOL_HYD 23609	36.29 1.50 0.00	30.78 1.23 0.00	22.95 0.90 0.00	25.10 0.92 0.00	26.61 0.98 0.00	32.14 1.19 0.00	31.21 1.46 0.52	35.19 1.73 1.39	32.03 1.52 0.00	27.71 1.34 0.70	28.29 1.43 -1.37	24.78 1.35 -1.56	30.69 1.71 -2.66	32.30 1.83 -3.09	34.64 2.01 -3.37	37.85 2.14 -3.59	60.19 3.31 -2.37	216.63 12.19 3.01	232.96 12.50 4.87	74.12 3.95 0.55	63.50 2.56 0.00	51.62 1.64 0.00	49.46 1.50 0.00	36.88 1.21 0.00

ST_LAW_115_BK7_LBMP 345037	34.94 0.15 0.00	29.66 0.11 0.00	22.10 0.05 0.00	24.24 0.06 0.00	25.70 0.06 0.00	30.99 0.04 0.00	30.11 -0.17 0.00	34.68 -0.17 0.00	30.41 -0.10 0.00	27.08 0.01 0.00	25.30 -0.19 0.00	21.65 -0.22 0.00	26.09 -0.23 0.00	27.06 -0.32 0.00	28.82 -0.44 0.00	31.66 -0.46 0.00	53.96 -0.54 0.00	204.87 -2.57 0.00	222.68 -2.65 0.00	69.91 -0.81 0.00	60.86 -0.08 0.00	50.27 0.30 0.00	48.41 0.45 0.00	36.01 0.34 0.00
ST_LAW_115_BK8_LBMP 345038	34.94 0.15 0.00	29.66 0.11 0.00	22.10 0.05 0.00	24.24 0.06 0.00	25.70 0.06 0.00	30.99 0.04 0.00	30.11 -0.17 0.00	34.68 -0.17 0.00	30.41 -0.10 0.00	27.08 0.01 0.00	25.30 -0.19 0.00	21.65 -0.22 0.00	26.09 -0.23 0.00	27.06 -0.32 0.00	28.82 -0.44 0.00	31.66 -0.46 0.00	53.96 -0.54 0.00	204.87 -2.57 0.00	222.68 -2.65 0.00	69.91 -0.81 0.00	60.86 -0.08 0.00	50.27 0.30 0.00	48.41 0.45 0.00	36.01 0.34 0.00
ST_LAW_230_BK5_LBMP 345035	34.91 0.12 0.00	29.64 0.08 0.00	22.09 0.04 0.00	24.22 0.04 0.00	25.68 0.04 0.00	30.97 0.02 0.00	30.10 -0.18 0.00	34.66 -0.19 0.00	30.40 -0.11 0.00	27.08 0.01 0.00	25.32 -0.17 0.00	21.66 -0.20 0.00	26.10 -0.23 0.00	27.08 -0.30 0.00	28.84 -0.42 0.00	31.68 -0.45 0.00	53.98 -0.52 0.00	204.97 -2.48 0.00	222.74 -2.58 0.00	69.90 -0.82 0.00	60.81 -0.14 0.00	50.20 0.22 0.00	48.34 0.39 0.00	35.95 0.29 0.00
ST_LAW_230_BK6_LBMP 345036	34.91 0.12 0.00	29.64 0.08 0.00	22.09 0.04 0.00	24.22 0.04 0.00	25.68 0.04 0.00	30.97 0.02 0.00	30.10 -0.18 0.00	34.66 -0.19 0.00	30.40 -0.11 0.00	27.08 0.01 0.00	25.32 -0.17 0.00	21.66 -0.20 0.00	26.10 -0.23 0.00	27.08 -0.30 0.00	28.84 -0.42 0.00	31.68 -0.45 0.00	53.98 -0.52 0.00	204.97 -2.48 0.00	222.74 -2.58 0.00	69.90 -0.82 0.00	60.81 -0.14 0.00	50.20 0.22 0.00	48.34 0.39 0.00	35.95 0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	36.08 1.30 0.00	30.59 1.04 0.00	22.78 0.73 0.00	24.91 0.73 0.00	26.42 0.78 0.00	31.92 0.97 0.00	31.78 1.24 -0.26	37.00 1.47 -0.69	31.77 1.25 0.00	21.91 1.12 6.28	29.74 1.38 -2.87	26.43 1.29 -3.27	33.40 1.58 -5.50	35.49 1.70 -6.41	38.14 1.91 -6.98	41.50 1.95 -7.43	62.34 2.92 -4.92	228.18 11.11 -9.63	239.50 11.57 -2.60	74.91 3.55 -0.64	63.11 2.17 0.00	51.22 1.24 0.00	49.10 1.14 0.00	36.59 0.92 0.00
SWANROAD_115KV_TB1 355699	33.18 -1.63 -0.03	28.09 -1.46 0.00	20.76 -1.30 0.00	23.06 -1.13 0.00	24.39 -1.25 0.00	29.51 -1.44 0.00	28.64 -1.63 0.00	32.20 -2.65 0.00	29.13 -1.39 0.00	33.35 -0.61 -6.88	32.62 -0.55 -7.68	27.76 -0.51 -6.41	25.03 -0.57 0.72	26.05 -0.42 0.91	27.48 -0.78 0.99	29.98 -1.43 0.71	52.20 -13.90 -1.47	198.08 -17.53 -4.54	214.21 -5.60 -6.42	67.73 -4.92 -2.62	58.30 -4.04 -2.28	48.42 -3.10 -2.49	47.14 -0.90	34.60 -1.98
SYNERGY___BIOGAS 323694	34.53 -0.29 -0.03	29.20 -0.35 0.00	21.61 -0.44 0.00	23.93 -0.25 0.00	25.34 -0.30 0.00	30.73 -0.22 0.00	30.10 -0.18 0.00	34.19 -0.66 0.00	30.69 0.18 0.00	35.35 0.50 -7.78	34.58 0.40 -8.69	29.42 0.27 -7.27	26.01 0.35 0.65	27.30 0.76 0.85	28.67 0.33 0.92	31.42 -0.07 0.63	54.92 -1.12 -1.53	210.41 -1.63 -4.60	229.50 -2.27 -6.45	72.53 -0.82 -2.63	62.22 -1.01 -2.29	51.39 -1.08 -2.50	49.66 -0.59 -2.30	36.20 -0.38 -0.91
SYRACUSE___ENERGY_ST1 323597	34.69 -0.16 -0.07	29.38 -0.18 0.00	21.90 -0.15 0.00	24.04 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.52 0.03 0.00	21.91 0.04 0.00	26.38 0.05 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.14 2.15 -10.55	240.99 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.38 -0.17 -1.88
SYRACUSE___ENERGY_ST2 323598	34.69 -0.16 -0.07	29.38 -0.18 0.00	21.90 -0.15 0.00	24.04 -0.14 0.00	25.50 -0.13 0.00	30.86 -0.09 0.00	30.35 0.07 0.00	34.92 0.07 0.00	30.56 0.05 0.00	27.04 -0.03 0.00	25.52 0.03 0.00	21.91 0.04 0.00	26.38 0.05 0.00	27.53 0.12 -0.02	29.41 0.14 0.00	32.99 0.15 -0.71	59.28 0.28 -4.49	220.14 2.15 -10.55	240.99 2.34 -13.32	76.81 0.66 -5.43	65.94 0.27 -4.72	55.10 -0.04 -5.16	52.56 -0.15 -4.75	37.38 -0.17 -1.88
SYRACUSE___POWER 24017	34.74 -0.10 -0.06	29.41 -0.14 0.00	21.94 -0.12 0.00	24.09 -0.10 0.00	25.53 -0.10 0.00	30.91 -0.04 0.00	30.41 0.13 0.00	34.98 0.13 0.00	30.59 0.08 0.00	27.06 -0.02 0.00	25.55 0.06 0.00	21.93 0.07 0.00	26.40 0.08 0.00	27.55 0.16 -0.02	29.46 0.20 0.00	32.89 0.21 -0.56	58.40 0.37 -3.52	218.34 2.64 -8.26	238.75 2.99 -10.43	75.88 0.91 -4.25	65.10 0.46 -3.70	54.10 0.08 -4.04	51.62 -0.05 -3.72	37.06 -0.08 -1.47
TALLMAN_138KV_BK151 55660	36.25 1.47 0.00	30.72 1.17 0.00	22.85 0.80 0.00	24.98 0.79 0.00	26.49 0.86 0.00	32.03 1.07 0.00	31.91 1.35 -0.28	37.19 1.61 -0.73	31.92 1.41 0.00	21.30 1.30 7.07	30.82 1.58 -3.75	27.61 1.47 -4.27	35.30 1.78 -7.20	37.66 1.91 -8.38	40.50 2.12 -9.12	44.00 2.16 -9.72	64.19 3.25 -6.43	230.98 12.29 -11.25	240.79 12.63 -2.84	75.26 3.85 -0.69	63.33 2.39 0.00	51.36 1.38 0.00	49.25 1.29 0.00	36.74 1.07 0.00
TEALLAVE_115KV_TB7 355573	34.52 -0.32 -0.05	29.24 -0.31 0.00	21.80 -0.25 0.00	23.94 -0.24 0.00	25.38 -0.26 0.00	30.72 -0.24 0.00	30.20 -0.07 0.00	34.73 -0.12 0.00	30.39 -0.12 0.00	26.91 -0.16 0.00	25.43 -0.07 0.00	21.83 -0.04 0.00	26.27 -0.05 0.00	27.42 0.02 -0.02	29.32 0.06 0.00	32.67 0.03 -0.51	57.76 0.04 -3.22	216.14 1.14 -7.56	236.04 1.17 -9.54	74.92 0.31 -3.89	64.30 -0.03 -3.38	53.36 -0.31 -3.70	50.97 -0.39 -3.41	36.69 -0.32 -1.34
TELGRAPH_34_KV_EAST 80808	33.83 -0.98 -0.03	28.62 -0.93 0.00	21.16 -0.89 0.00	23.48 -0.71 0.00	24.84 -0.80 0.00	30.08 -0.88 0.00	29.34 -0.94 0.00	33.13 -1.72 0.00	29.87 -0.64 0.00	34.39 -0.06 -7.38	33.67 -0.05 -8.24	28.66 -0.10 -6.89	25.56 -0.07 0.68	26.76 0.26 0.88	28.12 -0.18 0.95	30.74 -0.72 0.67	53.60 -2.41 -1.50	204.09 -7.92 -4.57	221.44 -10.33 -6.44	70.02 -3.33 -2.63	60.18 -3.05 -2.28	49.84 -2.63 -2.49	48.37 -1.89 -2.30	35.34 -1.24 -0.91
TEMPLE___115KV_TB 2 55572	34.54 -0.30 -0.05	29.26 -0.30 0.00	21.82 -0.23 0.00	23.96 -0.23 0.00	25.40 -0.24 0.00	30.73 -0.22 0.00	30.22 -0.06 0.00	34.74 -0.11 0.00	30.41 -0.10 0.00	26.93 -0.14 0.00	25.45 -0.04 0.00	21.85 -0.02 0.00	26.30 -0.02 0.00	27.44 0.05 -0.02	29.35 0.09 0.00	32.70 0.06 -0.51	57.83 0.10 -3.23	216.31 1.30 -7.57	236.21 1.33 -9.56	74.96 0.34 -3.90	64.34 0.01 -3.39	53.39 -0.29 -3.71	50.99 -0.38 -3.41	36.71 -0.31 -1.35
TIANA___69_KV_BK 1 55817	36.36 1.58 0.00	30.90 1.35 0.00	23.04 0.99 0.00	25.09 0.91 0.00	26.64 1.01 0.00	32.08 1.13 0.00	31.72 1.14 -0.30	36.41 1.28 -0.27	31.72 1.21 0.00	30.84 1.14 -2.63	23.60 1.70 3.59	-3.91 1.51 27.29	26.47 1.65 1.50	43.32 1.61 -14.33	46.98 1.68 -16.05	47.84 1.68 -14.04	62.86 2.54 -5.81	60.99 9.19 155.64	70.44 8.17 163.05	45.37 2.55 27.90	49.46 1.20 12.69	43.33 0.38 7.02	46.47 0.20 1.69	36.26 0.59 0.00

TILDEN___115KV_TB1 80814	34.74 -0.10 -0.06	29.41 -0.14 0.00	21.94 -0.12 0.00	24.09 -0.10 0.00	25.53 -0.10 0.00	30.91 -0.04 0.00	30.41 0.13 0.00	34.98 0.13 0.00	30.59 0.08 0.00	27.06 -0.02 0.00	25.55 0.06 0.00	21.93 0.07 0.00	26.40 0.08 0.00	27.55 0.16 -0.02	29.46 0.20 0.00	32.89 0.21 -0.56	58.40 0.37 -3.52	218.34 2.64 -8.26	238.75 2.99 -10.43	75.88 0.91 -4.25	65.10 0.46 -3.70	54.10 0.08 -4.04	51.62 -0.05 -3.72	37.06 -0.08 -1.47
TRIGEN___CC 323695	36.71 1.92 0.00	31.12 1.57 0.00	23.17 1.11 0.00	25.29 1.11 0.00	26.82 1.18 0.00	32.32 1.36 0.00	32.08 1.50 -0.30	37.27 1.70 -0.72	32.12 1.61 0.00	34.52 1.55 -5.90	53.69 1.93 -26.27	55.81 1.70 -32.24	53.98 1.99 -25.67	70.55 2.06 -41.11	78.38 2.19 -46.93	90.01 2.23 -55.65	130.86 3.39 -72.96	309.89 12.13 -90.31	210.51 11.13 25.95	73.49 3.66 0.89	63.26 2.30 -0.01	51.37 1.39 0.00	49.17 1.21 0.00	36.88 1.21 0.00
TRINITY__115KV__4 BK 55933	35.07 0.29 0.00	29.87 0.32 0.00	22.35 0.30 0.00	24.45 0.27 0.00	25.93 0.29 0.00	31.35 0.39 0.00	29.99 0.60 0.89	33.22 0.72 2.36	31.00 0.49 0.00	27.92 0.29 -0.56	26.46 0.28 -0.69	22.93 0.27 -0.79	27.94 0.29 -1.33	29.26 0.33 -1.55	31.35 0.40 -1.69	34.43 0.50 -1.80	56.35 0.65 -1.19	195.74 3.33 15.04	219.88 3.55 9.00	70.00 1.07 1.80	61.35 0.41 0.00	50.15 0.17 0.00	47.94 -0.01 0.00	35.72 0.05 0.00
UNION___PROCESSING_DRP 323587	34.43 -0.38 -0.03	29.16 -0.39 0.00	21.65 -0.41 0.00	23.87 -0.31 0.00	25.29 -0.35 0.00	30.65 -0.30 0.00	30.11 -0.17 0.00	34.30 -0.55 0.00	30.56 0.05 0.00	36.82 0.35 -9.40	36.11 0.43 -10.19	30.82 0.39 -8.56	26.24 0.47 0.55	27.24 0.60 0.74	29.60 0.54 0.20	32.76 0.29 -0.35	56.62 -0.08 -2.19	213.85 1.27 -5.13	231.73 -0.08 -6.48	73.07 -0.29 -2.64	62.62 -0.62 -2.30	51.71 -0.77 -2.51	49.75 -0.51 -2.31	36.14 -0.44 -0.91
UPPER HUDSON___HYD 24058	35.91 1.13 0.00	30.61 1.05 0.00	22.85 0.80 0.00	25.03 0.85 0.00	26.54 0.90 0.00	32.13 1.17 0.00	33.66 1.50 -1.88	41.69 1.84 -5.00	31.77 1.26 0.00	28.23 0.66 -0.50	26.54 0.45 -0.59	22.96 0.42 -0.67	28.01 0.55 -1.14	29.31 0.61 -1.33	31.42 0.72 -1.45	34.80 1.14 -1.54	58.04 2.51 -1.02	239.43 11.44 -20.54	255.37 12.47 -17.57	76.88 3.94 -2.22	63.83 2.88 0.00	51.78 1.81 0.00	49.40 1.45 0.00	36.70 1.03 0.00
UPPER RAQUET___HYD 24056	35.46 0.67 -0.01	30.10 0.54 0.00	22.40 0.35 0.00	24.57 0.39 0.00	26.05 0.42 0.00	31.46 0.51 0.00	30.74 0.46 0.00	35.49 0.63 0.00	31.03 0.52 0.00	27.40 0.32 0.00	25.52 0.03 0.00	21.81 -0.05 0.00	26.23 -0.08 0.00	27.19 -0.20 -0.01	28.91 -0.35 0.00	31.84 -0.42 -0.13	54.90 -0.44 -0.83	208.43 1.84 -1.95	229.63 0.65 -2.47	72.37 0.65 -1.01	63.07 1.25 -0.87	52.46 1.53 -0.96	50.56 1.73 -0.88	37.24 1.23 -0.35
VALLEY44_115KV_TB2 355964	33.86 -0.95 -0.03	28.71 -0.85 0.00	21.21 -0.84 0.00	23.53 -0.65 0.00	24.92 -0.72 0.00	30.21 -0.74 0.00	29.72 -0.55 0.00	33.83 -1.02 0.00	30.35 -0.16 0.00	33.14 0.31 -5.76	32.54 0.63 -6.42	27.60 0.42 -5.32	25.80 0.32 0.84	26.69 0.35 1.04	28.31 0.19 1.14	30.89 -0.37 0.86	54.40 -1.53 -1.42	206.04 -5.98 -4.58	223.50 -8.40 -6.58	70.51 -2.89 -2.68	60.52 -2.75 -2.33	50.17 -2.35 -2.55	48.70 -1.60 -2.35	35.35 -1.25 -0.93
VALLEY___115KV_TB 1-4 80826	36.16 1.37 0.00	30.73 1.17 0.00	22.95 0.89 0.00	25.16 0.98 0.00	26.68 1.05 0.00	32.30 1.35 0.00	31.84 1.57 0.00	36.70 1.85 0.00	31.69 1.18 0.00	27.64 0.56 0.00	26.04 0.55 0.00	22.37 0.51 0.00	26.92 0.60 0.00	28.04 0.65 0.00	30.02 0.76 0.00	33.05 0.93 0.00	56.39 1.88 0.00	217.63 10.19 0.00	237.87 12.54 0.00	74.65 3.93 0.00	63.88 2.94 0.00	52.04 2.07 0.00	49.61 1.65 0.00	36.76 1.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.79 0.99 -0.02	30.39 0.83 0.00	22.68 0.62 0.00	24.88 0.70 0.00	26.40 0.76 0.00	31.90 0.94 0.00	31.42 1.15 0.00	36.09 1.24 0.00	31.61 1.10 0.00	27.68 0.96 0.35	26.14 1.09 0.44	22.16 0.97 0.68	25.48 1.19 2.03	26.32 1.28 2.34	28.10 1.39 2.55	31.07 1.47 2.52	56.30 2.36 0.56	220.43 9.24 -3.75	238.59 9.32 -3.94	75.33 2.86 -1.75	64.19 1.94 -1.30	52.64 1.24 -1.42	50.35 1.08 -1.31	36.96 0.77 -0.52
VISCHER___FERRY HYD 24020	35.73 0.95 0.00	30.38 0.83 0.00	22.72 0.67 0.00	24.87 0.68 0.00	26.37 0.73 0.00	31.92 0.97 0.00	34.77 1.19 -3.30	45.06 1.44 -8.77	31.56 1.05 0.00	28.36 0.71 -0.58	26.80 0.63 -0.68	23.20 0.56 -0.78	28.28 0.64 -1.31	29.63 0.71 -1.53	31.72 0.79 -1.67	34.93 1.03 -1.78	57.44 1.76 -1.18	252.27 7.98 -36.84	264.88 8.60 -30.96	77.45 2.69 -4.04	62.74 1.79 0.00	51.15 1.18 0.00	48.89 0.93 0.00	36.38 0.72 0.00
V_A_10_SYNC_DSASP 323832	33.67 -1.14 -0.03	28.53 -1.02 0.00	21.12 -0.94 0.00	23.41 -0.77 0.00	24.76 -0.87 0.00	29.98 -0.97 0.00	29.30 -0.98 0.00	33.11 -1.74 0.00	29.79 -0.72 0.00	34.05 -0.08 -7.06	33.40 0.03 -7.88	28.45 0.00 -6.59	25.66 0.01 0.68	26.65 0.14 0.86	28.21 -0.11 0.94	30.83 -0.63 0.66	53.74 -2.21 -1.45	203.98 -7.89 -4.43	220.67 -10.90 -6.24	69.69 -3.57 -2.55	59.87 -3.29 -2.21	49.60 -2.79 -2.42	48.14 -2.04 -2.23	35.14 -1.41 -0.88
V_CMM_10_SYNC_DSASP 323787	35.11 0.33 0.00	29.82 0.27 0.00	22.22 0.16 0.00	24.37 0.19 0.00	25.83 0.20 0.00	31.16 0.21 0.00	30.27 -0.01 0.00	34.85 0.00 0.00	30.57 0.05 0.00	27.22 0.15 0.00	25.44 -0.06 0.00	21.76 -0.11 0.00	26.22 -0.10 0.00	27.20 -0.18 0.00	28.96 -0.30 0.00	31.81 -0.31 0.00	54.24 -0.27 0.00	205.64 -1.80 0.00	223.44 -1.89 0.00	70.26 -0.46 0.00	61.18 0.23 0.00	50.54 0.56 0.00	48.67 0.72 0.00	36.20 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	35.60 0.81 0.00	29.95 0.40 0.00	22.22 0.17 0.00	24.22 0.04 0.00	25.66 0.02 0.00	31.19 0.23 0.00	30.47 0.19 0.00	35.17 0.32 0.00	30.91 0.40 0.00	27.81 0.74 0.00	26.03 0.54 0.00	22.00 0.14 0.00	25.97 -0.35 0.00	26.50 -0.88 0.00	28.08 -1.18 0.00	30.46 -1.66 0.00	51.96 -2.54 0.00	198.04 -9.40 0.00	217.46 -7.87 0.00	44.26 -3.28 23.18	26.66 -2.52 31.76	23.21 -1.24 25.52	47.92 -0.04 0.00	36.19 0.52 0.00
V_D_10_SYNC_DSASP 323841	35.30 0.51 0.00	29.99 0.43 0.00	22.33 0.28 0.00	24.50 0.32 0.00	25.97 0.34 0.00	31.33 0.38 0.00	30.46 0.18 0.00	35.06 0.21 0.00	30.74 0.23 0.00	27.34 0.27 0.00	25.53 0.04 0.00	21.84 -0.03 0.00	26.31 -0.02 0.00	27.31 -0.07 0.00	29.06 -0.20 0.00	31.92 -0.20 0.00	54.42 -0.09 0.00	206.82 -0.62 0.00	225.33 0.00 0.00	70.70 -0.02 0.00	61.55 0.61 0.00	50.85 0.87 0.00	48.98 1.02 0.00	36.42 0.75 0.00
V_E_10_SYNC_DSASP 323830	36.01 1.19 -0.04	30.48 0.92 0.00	22.67 0.62 0.00	25.16 0.97 0.00	26.67 1.03 0.00	32.42 1.47 0.00	32.19 1.92 0.00	37.01 2.16 0.00	32.76 2.25 0.00	28.41 1.36 0.02	26.66 1.23 0.06	22.65 1.06 0.27	26.14 1.38 1.56	27.01 1.35 1.72	28.80 1.43 1.89	31.97 1.48 1.64	58.39 2.86 -1.03	225.53 13.60 -4.49	249.88 17.57 -6.99	79.07 5.50 -2.85	67.19 3.77 -2.48	54.89 2.20 -2.71	51.87 1.42 -2.49	37.55 0.90 -0.98



V_F_30_NSYNC___DSASP 323816	36.11 1.33 0.00	30.70 1.15 0.00	22.94 0.89 0.00	25.12 0.94 0.00	26.64 1.01 0.00	32.26 1.31 0.00	33.88 1.54 -2.07	42.17 1.83 -5.49	31.86 1.35 0.00	28.46 0.88 -0.51	26.86 0.77 -0.61	23.23 0.67 -0.69	28.29 0.81 -1.17	29.62 0.89 -1.36	31.74 1.00 -1.48	35.03 1.33 -1.57	58.05 2.50 -1.04	241.30 11.22 -22.64	256.77 12.15 -19.30	76.98 3.81 -2.45	63.73 2.79 0.00	51.87 1.90 0.00	49.55 1.59 0.00	36.83 1.16 0.00
V_F_30_SYNC_DSASP 323786	35.20 0.41 0.00	29.98 0.43 0.00	22.42 0.37 0.00	24.54 0.35 0.00	26.01 0.38 0.00	31.45 0.49 0.00	31.98 0.71 -0.99	38.33 0.85 -2.63	31.11 0.60 0.00	28.02 0.39 -0.55	26.55 0.38 -0.67	23.00 0.37 -0.77	28.02 0.40 -1.30	29.36 0.46 -1.51	31.46 0.55 -1.65	34.57 0.69 -1.76	56.65 0.98 -1.16	220.25 4.62 -8.19	239.08 4.85 -8.91	72.98 1.44 -0.82	61.69 0.75 0.00	50.38 0.41 0.00	48.17 0.21 0.00	35.87 0.20 0.00
V_XM_10_SYNC_DSASP 323789	35.60 0.81 0.00	29.95 0.40 0.00	22.22 0.17 0.00	24.22 0.04 0.00	25.66 0.02 0.00	31.19 0.23 0.00	30.47 0.19 0.00	35.17 0.32 0.00	30.91 0.40 0.00	27.81 0.74 0.00	26.03 0.54 0.00	22.00 0.14 0.00	25.97 -0.35 0.00	26.50 -0.88 0.00	28.08 -1.18 0.00	30.46 -1.66 0.00	51.96 -2.54 0.00	198.04 -9.40 0.00	217.46 -7.87 0.00	44.26 -3.28 23.18	26.66 -2.52 31.76	23.21 -1.24 25.52	47.92 -0.04 0.00	36.19 0.52 0.00
W.BABYLN_69_KV_BK1 56697	37.11 2.33 0.00	31.45 1.90 0.00	23.41 1.36 0.00	25.53 1.35 0.00	27.06 1.43 0.00	32.58 1.63 0.00	32.29 1.71 -0.30	37.12 1.90 -0.36	32.30 1.79 0.00	33.46 1.76 -4.64	43.87 2.24 -16.14	41.69 1.98 -17.84	45.32 2.27 -16.73	51.00 2.26 -21.36	55.35 2.43 -23.66	65.53 2.48 -30.92	87.15 3.78 -28.87	111.93 13.16 108.67	96.82 12.06 140.56	60.76 4.27 14.24	62.82 2.92 1.05	51.29 1.90 0.58	49.48 1.67 0.14	37.20 1.53 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	36.43 1.65 0.00	30.87 1.32 0.00	22.97 0.92 0.00	25.11 0.93 0.00	26.64 1.00 0.00	32.19 1.24 0.00	32.09 1.53 -0.28	37.41 1.81 -0.75	32.13 1.61 0.00	21.23 1.48 7.31	30.62 1.73 -3.40	27.34 1.60 -3.87	34.78 1.94 -6.52	37.04 2.07 -7.60	39.83 2.30 -8.27	43.31 2.38 -8.81	63.96 3.63 -5.83	232.04 13.67 -10.92	242.29 14.06 -2.91	75.75 4.32 -0.71	63.73 2.79 0.00	51.69 1.72 0.00	49.54 1.59 0.00	36.94 1.27 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.64 1.86 0.00	31.08 1.53 0.00	23.13 1.07 0.00	25.29 1.11 0.00	26.80 1.16 0.00	32.40 1.45 0.00	32.29 1.72 -0.30	37.67 2.02 -0.80	32.40 1.89 0.00	31.69 1.78 -2.84	30.12 2.01 -2.62	26.68 1.84 -2.98	33.54 2.21 -5.01	35.55 2.34 -5.83	38.12 2.52 -6.34	41.45 2.57 -6.76	62.85 3.87 -4.48	231.76 13.92 -10.41	242.60 14.08 -3.20	75.89 4.40 -0.77	63.80 2.85 0.00	51.77 1.79 0.00	49.62 1.66 0.00	37.10 1.43 0.00
W50THST__13_KV_LOAD 356117	36.86 2.07 0.00	31.27 1.72 0.00	23.26 1.21 0.00	25.44 1.26 0.00	26.97 1.33 0.00	32.61 1.66 0.00	32.53 1.95 -0.30	37.95 2.30 -0.80	32.68 2.17 0.00	31.96 2.05 -2.84	30.37 2.26 -2.62	26.90 2.05 -2.98	33.81 2.48 -5.01	35.83 2.62 -5.83	38.42 2.82 -6.34	41.75 2.87 -6.76	63.31 4.33 -4.48	233.52 15.68 -10.41	244.27 15.74 -3.20	76.35 4.86 -0.77	64.16 3.22 0.00	52.03 2.05 0.00	49.87 1.92 0.00	37.30 1.63 0.00
WADING RIVER_IC_1 23522	36.12 1.33 0.00	30.66 1.11 0.00	22.87 0.82 0.00	24.88 0.70 0.00	26.43 0.79 0.00	31.80 0.85 0.00	31.44 0.86 -0.30	36.09 0.97 -0.27	31.42 0.91 0.00	30.56 0.87 -2.62	23.27 1.43 3.66	-4.30 1.27 27.44	26.11 1.35 1.56	43.01 1.32 -14.31	46.67 1.39 -16.02	47.45 1.34 -13.98	62.19 1.96 -5.72	58.47 6.86 155.84	68.27 6.09 163.15	44.72 1.95 27.95	48.93 0.72 12.73	42.97 0.04 7.04	46.18 -0.08 1.69	36.04 0.37 0.00
WADING RIVER_IC_2 23547	36.12 1.33 0.00	30.66 1.11 0.00	22.87 0.82 0.00	24.88 0.70 0.00	26.43 0.79 0.00	31.80 0.85 0.00	31.44 0.86 -0.30	36.09 0.97 -0.27	31.42 0.91 0.00	30.56 0.87 -2.62	23.27 1.43 3.66	-4.30 1.27 27.44	26.11 1.35 1.56	43.01 1.32 -14.31	46.67 1.39 -16.02	47.45 1.34 -13.98	62.19 1.96 -5.72	58.47 6.86 155.84	68.27 6.09 163.15	44.72 1.95 27.95	48.93 0.72 12.73	42.97 0.04 7.04	46.18 -0.08 1.69	36.04 0.37 0.00
WADING RIVER_IC_3 23601	36.12 1.33 0.00	30.66 1.11 0.00	22.87 0.82 0.00	24.88 0.70 0.00	26.43 0.79 0.00	31.80 0.85 0.00	31.44 0.86 -0.30	36.09 0.97 -0.27	31.42 0.91 0.00	30.56 0.87 -2.62	23.27 1.43 3.66	-4.30 1.27 27.44	26.11 1.35 1.56	43.01 1.32 -14.31	46.67 1.39 -16.02	47.45 1.34 -13.98	62.19 1.96 -5.72	58.47 6.86 155.84	68.27 6.09 163.15	44.72 1.95 27.95	48.93 0.72 12.73	42.97 0.04 7.04	46.18 -0.08 1.69	36.04 0.37 0.00
WALDENNY_12_KV_BK2 80841	33.82 -1.00 -0.03	28.57 -0.99 0.00	21.11 -0.94 0.00	23.43 -0.75 0.00	24.79 -0.85 0.00	30.03 -0.93 0.00	29.39 -0.89 0.00	33.19 -1.66 0.00	29.94 -0.57 0.00	33.51 0.11 -6.33	32.82 0.28 -7.05	27.93 0.20 -5.87	25.79 0.24 0.77	26.83 0.42 0.97	28.40 0.20 1.06	31.00 -0.35 0.77	54.24 -1.71 -1.44	205.82 -6.17 -4.54	222.65 -9.15 -6.47	70.37 -2.99 -2.64	60.46 -2.78 -2.30	50.05 -2.44 -2.51	48.54 -1.72 -2.31	35.29 -1.29 -0.91
WALDEN__HYDRO 24148	36.25 1.46 0.00	30.73 1.18 0.00	22.90 0.84 0.00	25.04 0.86 0.00	26.56 0.92 0.00	32.09 1.14 0.00	31.89 1.41 -0.21	37.07 1.67 -0.55	31.95 1.43 0.00	25.48 1.26 2.85	30.01 1.48 -3.04	26.70 1.37 -3.46	33.83 1.67 -5.83	35.98 1.80 -6.80	38.68 2.02 -7.40	42.10 2.09 -7.88	62.95 3.23 -5.22	229.00 12.35 -9.21	240.40 12.97 -2.10	75.30 4.01 -0.57	63.53 2.59 0.00	51.55 1.58 0.00	49.38 1.43 0.00	36.80 1.13 0.00
WARRENSBURG____ 23737	35.91 1.13 0.00	30.61 1.05 0.00	22.85 0.80 0.00	25.03 0.85 0.00	26.54 0.90 0.00	32.13 1.17 0.00	33.66 1.50 -1.88	41.69 1.84 -5.00	31.77 1.26 0.00	28.23 0.66 -0.50	26.54 0.45 -0.59	22.96 0.42 -0.67	28.01 0.55 -1.14	29.31 0.61 -1.33	31.42 0.72 -1.45	34.80 1.14 -1.54	58.04 2.51 -1.02	239.43 11.45 -20.54	255.43 12.53 -17.57	76.88 3.94 -2.22	63.83 2.88 0.00	51.78 1.81 0.00	49.40 1.44 0.00	36.69 1.02 0.00
WATERSIDE____6 8 9 23538	36.66 1.88 0.00	31.12 1.57 0.00	23.16 1.11 0.00	25.33 1.14 0.00	26.84 1.21 0.00	32.44 1.49 0.00	32.34 1.77 -0.30	37.69 2.04 -0.80	32.43 1.92 0.00	31.72 1.81 -2.84	30.16 2.05 -2.61	26.70 1.86 -2.97	33.57 2.24 -5.00	35.56 2.36 -5.82	38.10 2.51 -6.33	41.39 2.52 -6.75	62.76 3.78 -4.47	231.48 13.63 -10.40	242.35 13.82 -3.20	75.82 4.33 -0.77	63.76 2.81 0.00	51.73 1.75 0.00	49.61 1.65 0.00	37.14 1.47 0.00
WATKINRD_115KV_LN8_ILLION 55919	35.71 0.93 0.00	30.35 0.79 0.00	22.66 0.61 0.00	24.85 0.66 0.00	26.35 0.71 0.00	31.87 0.92 0.00	31.38 1.10 0.00	36.15 1.30 0.00	31.33 0.82 0.00	27.45 0.38 0.00	25.88 0.38 0.00	22.22 0.36 0.00	26.74 0.42 0.00	27.84 0.46 0.00	29.80 0.55 0.00	32.78 0.66 0.00	55.84 1.33 0.00	214.68 7.24 0.00	234.23 8.91 0.00	73.54 2.82 0.00	62.98 2.04 0.00	51.37 1.40 0.00	49.07 1.11 0.00	36.41 0.74 0.00

WDELAWARE___HYD 323627	35.48 0.70 0.00	30.08 0.52 0.00	22.41 0.36 0.00	24.50 0.32 0.00	25.98 0.34 0.00	31.41 0.45 0.00	31.04 0.76 0.00	35.80 0.94 0.00	31.27 0.76 0.00	25.17 0.60 2.50	25.90 0.77 0.37	22.19 0.74 0.42	26.53 0.91 0.71	27.58 1.02 0.82	29.57 1.20 0.89	32.41 1.24 0.95	55.84 1.97 0.63	215.04 8.09 0.50	234.04 8.71 0.00	73.42 2.70 0.00	62.42 1.48 0.00	50.64 0.66 0.00	48.45 0.50 0.00	36.07 0.40 0.00
WEST BABYLON___IC 23714	37.11 2.33 0.00	31.45 1.90 0.00	23.41 1.36 0.00	25.53 1.35 0.00	27.06 1.43 0.00	32.58 1.63 0.00	32.29 1.71 -0.30	37.12 1.90 -0.36	32.30 1.79 0.00	33.46 1.76 -4.64	43.87 2.24 -16.14	41.69 1.98 -17.84	45.32 2.27 -16.73	51.00 2.26 -21.36	55.35 2.43 -23.66	65.53 2.48 -30.92	87.15 3.78 -28.87	111.93 13.16 108.67	96.82 12.06 140.56	60.76 4.27 14.24	62.82 2.92 1.05	51.29 1.90 0.58	49.48 1.67 0.14	37.20 1.53 0.00
WEST CANADA___HYD 24049	34.84 0.06 0.00	29.62 0.06 0.00	22.10 0.05 0.00	24.23 0.05 0.00	25.69 0.05 0.00	31.04 0.09 0.00	30.45 0.17 0.00	35.06 0.21 0.00	30.66 0.15 0.00	27.15 0.08 0.00	25.60 0.11 0.00	21.98 0.11 0.00	26.45 0.13 0.00	27.52 0.14 0.00	29.44 0.18 0.00	32.33 0.21 0.00	54.84 0.34 0.00	209.07 1.63 0.00	227.16 1.84 0.00	71.30 0.58 0.00	61.25 0.30 0.00	50.12 0.14 0.00	48.01 0.05 0.00	35.71 0.04 0.00
WESTERN_NY_WIND 24143	34.49 -0.32 -0.03	29.16 -0.40 0.00	21.58 -0.48 0.00	23.89 -0.29 0.00	25.30 -0.33 0.00	30.69 -0.27 0.00	30.04 -0.24 0.00	34.11 -0.74 0.00	30.63 0.12 0.00	35.19 0.46 -7.65	34.40 0.36 -8.54	29.26 0.24 -7.15	25.96 0.30 0.66	27.26 0.73 0.86	28.61 0.28 0.93	31.35 -0.13 0.64	54.79 -1.24 -1.52	209.83 -2.20 -4.59	228.86 -2.91 -6.44	72.37 -0.97 -2.63	62.07 -1.16 -2.29	51.28 -1.19 -2.50	49.58 -0.68 -2.30	36.14 -0.44 -0.91
WESTOVER___LESR 323668	34.75 -0.06 -0.04	29.39 -0.16 0.00	21.90 -0.15 0.00	24.11 -0.07 0.00	25.56 -0.08 0.00	30.89 -0.06 0.00	30.47 0.19 0.00	34.92 0.07 0.00	30.64 0.13 0.00	27.93 0.14 -0.72	26.59 0.32 -0.77	22.58 0.30 -0.42	25.19 0.36 1.49	26.08 0.45 1.75	27.86 0.51 1.91	30.81 0.36 1.66	56.03 0.50 -1.02	213.62 1.69 -4.49	233.80 1.46 -7.01	74.01 0.43 -2.86	63.49 0.07 -2.48	52.42 -0.27 -2.72	50.22 -0.24 -2.50	36.35 -0.31 -0.99
WETHRSFD_WT_PWR 323626	33.24 -1.58 -0.03	28.00 -1.55 0.00	20.77 -1.28 0.00	23.03 -1.16 0.00	24.39 -1.25 0.00	29.45 -1.50 0.00	29.02 -1.26 0.00	32.85 -2.00 0.00	29.39 -1.12 0.00	31.53 -0.53 -5.00	30.83 -0.23 -5.57	26.23 -0.23 -4.59	25.17 -0.26 0.88	26.18 -0.12 1.08	27.75 -0.33 1.19	30.36 -0.87 0.90	53.71 -2.23 -1.44	204.75 -7.36 -4.68	223.00 -9.06 -6.73	70.69 -2.77 -2.74	60.70 -2.63 -2.39	50.24 -2.35 -2.61	48.39 -1.96 -2.40	34.73 -1.89 -0.95
WHAVSTOR_138KV_BK127 55557	36.22 1.44 0.00	30.70 1.15 0.00	22.85 0.80 0.00	24.99 0.80 0.00	26.50 0.86 0.00	32.03 1.07 0.00	31.91 1.35 -0.28	37.20 1.60 -0.75	31.92 1.41 0.00	21.01 1.30 7.36	30.39 1.56 -3.34	27.12 1.44 -3.80	34.47 1.74 -6.41	36.70 1.85 -7.46	39.44 2.06 -8.12	42.88 2.10 -8.66	63.37 3.13 -5.73	230.07 11.76 -10.87	240.39 12.14 -2.93	75.17 3.73 -0.71	63.24 2.30 0.00	51.32 1.35 0.00	49.20 1.24 0.00	36.72 1.05 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	36.22 1.44 0.00	30.70 1.15 0.00	22.85 0.80 0.00	24.99 0.80 0.00	26.50 0.86 0.00	32.03 1.07 0.00	31.91 1.35 -0.28	37.20 1.60 -0.75	31.92 1.41 0.00	21.01 1.30 7.36	30.39 1.56 -3.34	27.12 1.44 -3.80	34.47 1.74 -6.41	36.70 1.85 -7.46	39.44 2.06 -8.12	42.88 2.10 -8.66	63.37 3.13 -5.73	230.07 11.76 -10.87	240.39 12.14 -2.93	75.17 3.73 -0.71	63.24 2.30 0.00	51.32 1.35 0.00	49.20 1.24 0.00	36.72 1.05 0.00
WHITEHAL_115KV_TB1 80871	36.42 1.64 0.00	31.19 1.63 0.00	23.25 1.20 0.00	25.53 1.34 0.00	27.07 1.43 0.00	32.83 1.87 0.00	34.75 2.51 -1.96	43.23 3.17 -5.20	32.63 2.12 0.00	28.59 1.02 -0.50	26.71 0.63 -0.60	23.14 0.59 -0.68	28.31 0.84 -1.15	29.59 0.87 -1.34	31.73 1.01 -1.46	35.47 1.80 -1.56	59.86 4.32 -1.03	246.48 17.62 -21.41	262.98 19.37 -18.29	79.22 6.18 -2.32	65.93 4.99 0.00	53.07 3.09 0.00	50.35 2.39 0.00	37.46 1.79 0.00
WHITEPLN_13_KV_LOAD 356215	36.70 1.92 0.00	31.11 1.56 0.00	23.15 1.10 0.00	25.31 1.13 0.00	26.83 1.20 0.00	32.44 1.48 0.00	32.35 1.78 -0.30	37.75 2.11 -0.80	32.44 1.93 0.00	31.78 1.78 -2.94	30.16 1.99 -2.67	26.71 1.81 -3.04	33.61 2.18 -5.11	35.64 2.31 -5.95	38.27 2.53 -6.48	41.67 2.64 -6.91	63.18 4.11 -4.57	233.10 15.21 -10.45	243.94 15.43 -3.19	76.31 4.82 -0.77	64.17 3.23 0.00	52.06 2.09 0.00	49.86 1.91 0.00	37.21 1.54 0.00
WM_FLOYD_69_KV_BK2 356380	36.38 1.60 0.00	30.88 1.33 0.00	23.03 0.97 0.00	25.08 0.89 0.00	26.61 0.97 0.00	32.02 1.07 0.00	31.67 1.10 -0.30	36.34 1.22 -0.27	31.66 1.15 0.00	30.80 1.08 -2.66	23.76 1.61 3.35	-3.45 1.43 26.74	26.60 1.55 1.27	43.35 1.52 -14.45	47.03 1.59 -16.18	48.01 1.60 -14.29	63.07 2.38 -6.19	61.42 8.56 154.59	70.52 7.70 162.50	45.56 2.55 27.71	49.62 1.23 12.55	43.45 0.43 6.95	46.57 0.28 1.67	36.33 0.66 0.00
WOODARD___115KV_TB2 355635	34.48 -0.37 -0.06	29.20 -0.35 0.00	21.78 -0.28 0.00	23.91 -0.27 0.00	25.35 -0.29 0.00	30.67 -0.28 0.00	30.15 -0.13 0.00	34.68 -0.17 0.00	30.36 -0.15 0.00	26.87 -0.20 0.00	25.37 -0.12 0.00	21.78 -0.08 0.00	26.22 -0.11 0.00	27.36 -0.04 0.00	29.24 -0.02 0.00	32.67 -0.05 -0.60	58.17 -0.08 -3.75	216.89 0.64 -8.81	237.13 0.69 -11.11	75.43 0.18 -4.54	64.76 -0.13 -3.94	53.91 -0.38 -4.31	51.47 -0.45 -3.97	36.85 -0.39 -1.57
WOODMERE_69_KV_BK1 55827	37.13 2.35 0.00	31.47 1.91 0.00	23.42 1.36 0.00	25.55 1.37 0.00	27.09 1.45 0.00	32.64 1.68 0.00	32.41 1.83 -0.30	37.67 2.02 -0.80	32.42 1.91 0.00	34.56 1.86 -5.64	51.96 2.23 -24.24	53.58 1.98 -29.73	52.56 2.34 -23.89	74.56 2.44 -44.74	83.55 2.60 -51.69	92.22 2.69 -57.41	143.68 4.05 -85.12	381.87 14.17 -160.26	243.95 12.98 -5.64	77.71 4.74 -2.26	64.19 3.23 -0.01	52.05 2.08 0.00	49.74 1.79 0.00	37.27 1.60 0.00
YORK___WARBASSE 23770	36.74 1.96 0.00	31.17 1.61 0.00	23.18 1.13 0.00	25.34 1.16 0.00	26.86 1.23 0.00	32.46 1.51 0.00	32.38 1.81 -0.30	37.75 2.10 -0.80	32.47 1.96 0.00	31.75 1.84 -2.84	30.18 2.08 -2.61	26.74 1.90 -2.97	33.60 2.27 -5.00	35.61 2.40 -5.82	38.14 2.54 -6.33	41.41 2.54 -6.75	62.78 3.80 -4.47	231.74 13.89 -10.40	242.80 14.27 -3.20	75.98 4.49 -0.77	63.87 2.92 0.00	51.84 1.87 0.00	49.73 1.78 0.00	37.24 1.57 0.00