

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

07/18/2024

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	36.75	32.46	48.10	28.99	26.80	27.84	33.84	37.29	59.18	43.01	30.02	30.64	31.07	40.51	38.93	37.47	53.12	55.66	42.83	36.80	35.82	35.30	31.43	26.57
24138	2.86	2.59	1.56	2.26	2.13	2.21	2.78	3.16	2.99	3.09	3.00	3.08	3.16	3.99	3.99	3.78	5.14	5.47	3.82	3.04	3.12	3.13	2.74	2.28
	-0.72	-0.29	-29.08	0.00	0.00	0.00	0.00	-1.21	-26.80	-10.75	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	36.88	32.56	48.13	29.08	26.87	27.91	33.91	37.33	59.20	43.02	30.04	30.67	31.09	40.54	39.04	37.58	53.29	55.81	42.97	36.95	35.97	35.45	31.56	26.67
24260	2.99	2.69	1.60	2.35	2.20	2.27	2.85	3.20	3.02	3.11	3.02	3.11	3.18	4.01	4.09	3.89	5.30	5.62	3.96	3.19	3.27	3.28	2.88	2.38
	-0.72	-0.29	-29.07	0.00	0.00	0.00	0.00	-1.21	-26.78	-10.74	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	36.88	32.56	48.13	29.08	26.87	27.91	33.91	37.33	59.20	43.02	30.04	30.67	31.09	40.54	39.04	37.58	53.29	55.81	42.97	36.95	35.97	35.45	31.56	26.67
24261	2.99	2.69	1.60	2.35	2.20	2.27	2.85	3.20	3.02	3.11	3.02	3.11	3.18	4.01	4.09	3.89	5.30	5.62	3.96	3.19	3.27	3.28	2.88	2.38
	-0.72	-0.29	-29.07	0.00	0.00	0.00	0.00	-1.21	-26.78	-10.74	0.00	0.00	0.00	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	35.59	31.54	22.94	28.35	26.24	27.27	33.23	35.45	35.53	32.70	28.45	29.04	29.38	38.44	36.64	35.32	50.43	53.11	41.75	36.08	35.16	34.36	30.36	25.91
24011	2.31	1.91	0.99	1.62	1.57	1.63	2.17	2.35	2.03	1.88	1.44	1.49	1.47	1.85	1.70	1.63	2.45	2.92	2.73	2.32	2.47	2.20	1.68	1.63
	-0.11	-0.04	-4.49	0.00	0.00	0.00	0.00	-0.19	-4.11	-1.65	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
ADK RESOURCE___RCVRY	35.89	31.73	22.98	28.48	26.40	27.43	33.50	35.72	35.73	32.86	28.55	29.16	29.50	38.58	36.77	35.46	50.68	53.47	42.12	36.32	35.41	34.56	30.52	26.12
23798	2.60	2.10	1.05	1.75	1.73	1.79	2.44	2.62	2.24	2.04	1.53	1.60	1.60	2.00	1.82	1.77	2.69	3.28	3.10	2.56	2.72	2.40	1.83	1.83
	-0.11	-0.04	-4.47	0.00	0.00	0.00	0.00	-0.18	-4.09	-1.64	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
ADK S GLENS___FALLS	35.59	31.54	22.94	28.35	26.24	27.27	33.23	35.45	35.53	32.70	28.45	29.04	29.38	38.44	36.64	35.32	50.43	53.11	41.75	36.08	35.16	34.36	30.36	25.91
24028	2.31	1.91	0.99	1.62	1.57	1.63	2.17	2.35	2.03	1.88	1.44	1.49	1.47	1.85	1.70	1.63	2.45	2.92	2.73	2.32	2.47	2.20	1.68	1.63
	-0.11	-0.04	-4.49	0.00	0.00	0.00	0.00	-0.19	-4.11	-1.65	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
ADK_NYS___DAM	35.42	31.60	24.10	28.52	26.33	27.34	33.23	35.45	36.49	33.12	28.60	29.15	29.49	38.59	36.63	35.01	50.14	52.65	41.09	35.77	34.76	33.97	30.23	25.81
23527	2.11	1.96	1.10	1.79	1.66	1.70	2.17	2.31	2.01	1.91	1.59	1.59	1.58	2.00	1.68	1.32	2.15	2.45	2.07	2.01	2.06	1.81	1.54	1.52
	-0.14	-0.06	-5.54	0.00	0.00	0.00	0.00	-0.23	-5.08	-2.04	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
AIR_PRODUCTS___DRP	34.09	30.44	22.73	27.52	25.42	26.34	31.87	34.01	34.61	31.73	27.72	28.26	28.62	37.42	35.72	34.35	48.98	51.34	39.94	34.55	33.54	32.90	29.31	24.93
24190	0.80	0.80	0.51	0.78	0.75	0.70	0.80	0.90	0.86	0.81	0.70	0.71	0.72	0.83	0.77	0.67	0.99	1.15	0.92	0.79	0.84	0.73	0.62	0.64
	-0.12	-0.05	-4.76	0.00	0.00	0.00	0.00	-0.20	-4.37	-1.75	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
AKWESSNE_115KV_BK	32.60	29.03	17.12	26.26	24.22	25.18	30.43	32.17	28.76	28.51	32.10	26.98	41.55	31.90	50.62	32.90	46.89	49.03	38.14	33.06	32.16	31.63	28.24	23.89
355683	-0.58	-0.55	-0.33	-0.48	-0.45	-0.46	-0.63	-0.75	-0.63	-0.66	-0.68	-0.68	-0.70	-0.80	-0.89	-0.79	-1.10	-1.16	-0.88	-0.69	-0.54	-0.54	-0.45	-0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.76	-0.11	-14.35	3.89	-16.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	34.68	30.96	18.30	28.02	25.90	26.87	32.51	34.55	34.40	31.72	27.82	28.31	28.64	37.50	35.87	34.50	49.33	51.75	40.46	35.19	34.14	33.55	29.89	25.41
323833	1.51	1.38	0.84	1.29	1.23	1.23	1.45	1.46	1.22	1.03	0.80	0.75	0.73	0.91	0.92	0.81	1.34	1.56	1.44	1.43	1.44	1.39	1.20	1.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-3.79	-1.52	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_2_SOLAR	34.66	30.96	18.30	28.01	25.89	26.86	32.49	34.54	34.40	31.71	27.81	28.30	28.63	37.49	35.86	34.50	49.32	51.73	40.45	35.17	34.13	33.54	29.88	25.39
323834	1.49	1.37	0.84	1.28	1.22	1.22	1.44	1.45	1.22	1.02	0.80	0.75	0.73	0.90	0.91	0.80	1.34	1.54	1.43	1.41	1.43	1.37	1.19	1.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.17	-3.79	-1.52	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	34.09	30.44	22.73	27.52	25.42	26.34	31.87	34.01	34.61	31.73	27.72	28.26	28.62	37.42	35.72	34.35	48.98	51.34	39.94	34.55	33.54	32.90	29.31	24.93
23571	0.80	0.80	0.51	0.78	0.75	0.70	0.80	0.90	0.86	0.81	0.70	0.71	0.72	0.83	0.77	0.67	0.99	1.15	0.92	0.79	0.84	0.73	0.62	0.64
	-0.12	-0.05	-4.76	0.00	0.00	0.00	0.00	-0.20	-4.37	-1.75	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___2 23572	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.87 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.73 0.81 -1.75	27.72 0.70 0.00	28.26 0.71 0.00	28.62 0.72 0.00	37.42 0.83 0.00	35.72 0.77 0.00	34.35 0.67 0.00	48.98 0.99 0.00	51.34 1.15 0.00	39.94 0.92 0.00	34.55 0.79 0.00	33.54 0.84 0.00	32.90 0.73 0.00	29.31 0.62 0.00	24.93 0.64 0.00
ALBANY___3 23573	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.87 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.73 0.81 -1.75	27.72 0.70 0.00	28.26 0.71 0.00	28.62 0.72 0.00	37.42 0.83 0.00	35.72 0.77 0.00	34.35 0.67 0.00	48.98 0.99 0.00	51.34 1.15 0.00	39.94 0.92 0.00	34.55 0.79 0.00	33.54 0.84 0.00	32.90 0.73 0.00	29.31 0.62 0.00	24.93 0.64 0.00
ALBANY___4 23574	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.87 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.73 0.81 -1.75	27.72 0.70 0.00	28.26 0.71 0.00	28.62 0.72 0.00	37.42 0.83 0.00	35.72 0.77 0.00	34.35 0.67 0.00	48.98 0.99 0.00	51.34 1.15 0.00	39.94 0.92 0.00	34.55 0.79 0.00	33.54 0.84 0.00	32.90 0.73 0.00	29.31 0.62 0.00	24.93 0.64 0.00
ALBANY___LFGE 323615	34.48 1.19 -0.12	30.78 1.14 -0.05	22.89 0.69 -4.74	27.79 1.07 0.00	25.68 1.01 0.00	26.61 0.97 0.00	32.21 1.15 0.00	34.40 1.29 -0.20	34.93 1.20 -4.35	32.06 1.15 -1.74	28.05 1.03 0.00	28.60 1.04 0.00	28.97 1.06 0.00	37.88 1.29 0.00	36.16 1.21 0.00	34.77 1.08 0.00	49.60 1.61 0.00	52.00 1.80 0.00	40.44 1.42 0.00	34.97 1.22 0.00	33.94 1.24 0.00	33.28 1.12 0.00	29.62 0.93 0.00	25.18 0.89 0.00
ALCOA_PA_115KV_PL-6C 55860	32.49 -0.68 0.00	28.95 -0.64 0.00	17.07 -0.39 0.00	26.17 -0.57 0.00	24.14 -0.53 0.00	25.10 -0.53 0.00	30.35 -0.71 0.00	32.06 -0.85 0.00	28.66 -0.73 0.00	28.40 -0.77 0.00	35.50 -0.79 -9.28	26.93 -0.80 -0.17	50.19 -0.81 -23.10	47.40 -0.96 -11.77	66.64 -1.04 -32.73	32.79 -0.90 0.00	46.74 -1.25 0.00	48.90 -1.30 0.00	38.02 -1.00 0.00	32.93 -0.83 0.00	32.07 -0.63 0.00	31.56 -0.60 0.00	28.17 -0.52 0.00	23.84 -0.45 0.00
ALCOA_RYNLDS___DRP 24188	32.49 -0.68 0.00	28.95 -0.64 0.00	17.07 -0.39 0.00	26.17 -0.57 0.00	24.14 -0.53 0.00	25.10 -0.53 0.00	30.35 -0.71 0.00	32.06 -0.85 0.00	28.66 -0.73 0.00	28.40 -0.77 0.00	35.50 -0.79 -9.28	26.93 -0.80 -0.17	50.19 -0.81 -23.10	47.40 -0.96 -11.77	66.64 -1.04 -32.73	32.79 -0.90 0.00	46.74 -1.25 0.00	48.90 -1.30 0.00	38.02 -1.00 0.00	32.93 -0.83 0.00	32.07 -0.63 0.00	31.56 -0.60 0.00	28.17 -0.52 0.00	23.84 -0.45 0.00
ALCOA___DSASP 323711	32.49 -0.68 0.00	28.95 -0.64 0.00	17.07 -0.39 0.00	26.17 -0.57 0.00	24.14 -0.53 0.00	25.11 -0.53 0.00	30.35 -0.71 0.00	32.06 -0.85 0.00	28.65 -0.73 0.00	28.41 -0.76 0.00	35.50 -0.79 -9.28	26.93 -0.80 -0.17	50.19 -0.82 -23.10	47.40 -0.96 -11.77	66.64 -1.04 -32.73	32.79 -0.90 0.00	46.74 -1.25 0.00	48.90 -1.30 0.00	38.03 -1.00 0.00	32.93 -0.83 0.00	32.07 -0.63 0.00	31.56 -0.61 0.00	28.17 -0.52 0.00	23.84 -0.45 0.00
ALLEGHENY___COGEN 23514	33.51 0.34 0.00	29.90 0.31 0.00	17.48 0.02 0.00	26.69 -0.05 0.00	24.64 -0.03 0.00	25.78 0.14 0.00	31.41 0.36 0.00	33.02 0.07 -0.03	28.82 -0.83 -0.25	28.45 -0.74 -0.02	26.79 -0.54 -0.32	27.19 -0.73 -0.36	27.12 -1.16 -0.37	34.95 -2.00 -0.35	34.06 -1.73 -0.84	33.17 -1.45 -0.93	47.82 -1.96 -1.80	49.68 -2.34 -1.83	38.42 -1.79 -1.19	33.50 -0.79 -0.53	32.25 -0.59 -0.15	32.46 0.29 0.00	29.26 0.57 0.00	24.59 0.30 0.00
ALTAMONT_115KV_TB 2 55880	34.43 1.15 -0.11	30.69 1.06 -0.05	22.66 0.64 -4.57	27.71 0.98 0.00	25.58 0.91 0.00	26.55 0.91 0.00	32.17 1.11 0.00	34.31 1.20 -0.19	34.68 1.10 -4.19	31.91 1.06 -1.68	27.98 0.96 0.00	28.53 0.97 0.00	28.88 0.97 0.00	37.76 1.17 0.00	36.08 1.13 0.00	34.73 1.04 0.00	49.47 1.49 0.00	51.85 1.66 0.00	40.34 1.32 0.00	34.91 1.15 0.00	33.88 1.19 0.00	33.28 1.11 0.00	29.64 0.95 0.00	25.16 0.87 0.00
ALTONA_WT_PWR 323606	32.68 -0.49 0.00	28.93 -0.66 0.00	17.13 -0.33 0.00	26.33 -0.40 0.00	24.35 -0.32 0.00	25.31 -0.33 0.00	30.80 -0.26 0.00	32.89 -0.03 0.00	29.23 -0.16 0.00	28.45 -0.72 0.00	23.13 -1.12 2.76	26.67 -0.84 0.05	19.90 -1.15 6.86	-4.08 -1.36 39.31	11.20 -1.86 21.90	31.72 -1.97 0.00	45.28 -2.71 0.00	47.99 -2.21 0.00	37.99 -1.03 0.00	33.13 -0.63 0.00	32.38 -0.32 0.00	31.86 -0.31 0.00	28.50 -0.18 0.00	24.16 -0.13 0.00
AMERICAN_REF_FUEL 24010	30.78 -2.39 0.00	27.42 -2.17 0.00	16.01 -1.45 0.00	24.43 -2.30 0.00	22.61 -2.06 0.00	23.64 -2.00 0.00	28.64 -2.42 0.00	30.14 -2.78 0.00	26.32 -3.07 0.00	26.31 -2.86 0.00	24.64 -2.38 0.00	25.00 -2.56 0.00	25.39 -2.52 0.01	30.57 -3.85 2.17	31.39 -3.44 0.11	30.77 -2.91 0.00	44.05 -3.94 0.00	45.97 -4.91 -0.68	35.24 -3.78 0.00	30.88 -2.88 0.00	29.63 -3.07 0.00	29.26 -2.90 0.00	26.56 -2.13 0.00	22.45 -1.85 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.24 -0.93 0.00	28.62 -0.97 0.00	16.74 -0.72 0.00	25.56 -1.18 0.00	23.60 -1.07 0.00	24.66 -0.98 0.00	30.09 -0.97 0.00	31.92 -1.03 -0.03	28.33 -1.27 -0.22	28.01 -1.18 -0.02	26.50 -0.78 -0.27	27.03 -0.83 -0.31	27.28 -0.94 -0.31	33.78 -1.59 1.22	34.41 -1.17 -0.63	33.52 -0.96 -0.80	48.35 -1.17 -1.54	51.03 -1.62 -2.46	38.67 -1.36 -1.01	33.36 -0.85 -0.46	31.65 -1.18 -0.13	31.17 -1.00 0.00	28.12 -0.57 0.00	23.61 -0.68 0.00
ARTHUR KILL_GT_1 23520	37.92 2.65 -2.10	34.45 2.42 -2.44	49.25 1.45 -30.34	28.88 2.15 0.00	26.69 2.03 0.00	27.74 2.10 0.00	33.66 2.60 -0.01	37.01 2.88 -1.21	58.89 2.72 -26.78	42.67 2.76 -10.74	797.68 2.73 -767.94	62.27 2.90 -31.81	38.23 2.90 -7.42	43.90 3.64 -3.67	75.17 3.77 -36.45	65.68 3.60 -28.40	55.26 4.93 -2.35	57.09 5.03 -1.87	42.54 3.44 -0.08	38.39 2.94 -1.70	37.69 3.04 -1.95	38.02 2.97 -2.89	37.88 2.59 -6.60	41.15 2.25 -14.61
ARTHUR_KILL_2 23512	37.79 2.52 -2.10	34.33 2.31 -2.44	49.18 1.38 -30.34	28.79 2.06 0.00	26.61 1.93 0.00	27.64 2.00 0.00	33.55 2.48 -0.01	36.88 2.76 -1.21	58.77 2.60 -26.78	42.55 2.64 -10.74	797.58 2.63 -767.94	62.16 2.79 -31.81	38.12 2.79 -7.42	43.75 3.50 -3.67	75.02 3.62 -36.45	65.53 3.45 -28.40	55.03 4.69 -2.35	56.85 4.79 -1.87	42.37 3.27 -0.08	38.23 2.78 -1.70	37.53 2.89 -1.95	37.88 2.82 -2.89	37.76 2.47 -6.60	41.05 2.15 -14.61
ARTHUR_KILL_3 23513	37.76 2.49 -2.10	34.28 2.26 -2.43	49.19 1.39 -30.35	28.72 1.99 0.00	26.55 1.88 0.00	27.56 1.92 0.00	33.45 2.39 0.00	36.80 2.67 -1.21	58.71 2.53 -26.79	42.55 2.64 -10.74	952.05 2.56 -922.48	63.82 2.63 -33.63	52.53 2.69 -21.93	49.48 3.41 -9.48	76.18 3.52 -37.71	65.44 3.34 -28.41	53.78 4.51 -1.29	56.43 4.90 -1.33	42.46 3.39 -0.06	37.31 2.68 -0.87	37.00 2.82 -1.48	37.23 2.87 -2.20	36.08 2.52 -4.87	33.92 2.11 -7.51

ARTHUR_KILL_COGEN 323718	37.92 2.65 -2.10	34.45 2.42 -2.44	49.25 1.45 -30.34	28.88 2.15 0.00	26.69 2.03 0.00	27.74 2.10 0.00	33.66 2.60 -0.01	37.01 2.88 -1.21	58.89 2.72 -26.78	42.67 2.76 -10.74	797.68 2.73 -767.94	62.27 2.90 -31.81	38.23 2.90 -7.42	43.90 3.64 -3.67	75.17 3.77 -36.45	65.68 3.60 -28.40	55.26 4.93 -2.35	57.09 5.03 -1.87	42.54 3.44 -0.08	38.39 2.94 -1.70	37.69 3.04 -1.95	38.02 2.97 -2.89	37.88 2.59 -6.60	41.15 2.25 -14.61
ASHOKAN____ 23654	35.68 2.51 0.00	31.77 2.19 0.00	18.73 1.27 0.00	28.67 1.94 0.00	26.48 1.81 0.00	27.50 1.86 0.00	33.39 2.33 0.00	35.44 2.53 0.00	31.74 2.35 0.00	31.36 2.19 0.00	28.96 1.94 0.00	29.61 2.05 0.00	29.94 2.04 0.00	39.13 2.60 0.06	37.59 2.64 0.00	36.19 2.50 0.00	51.82 3.83 0.00	54.29 4.10 0.00	42.28 3.26 0.00	36.62 2.86 0.00	35.54 2.84 0.00	34.87 2.70 0.00	30.97 2.28 0.00	26.19 1.90 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.52 2.63 -0.72	32.25 2.38 -0.29	47.95 1.43 -29.07	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.00 0.00	33.57 2.51 0.00	36.97 2.84 -1.21	58.84 2.67 -26.78	42.69 2.78 -10.74	29.69 2.67 0.00	30.31 2.75 0.00	30.71 2.80 0.00	40.05 3.53 0.06	38.60 3.65 0.00	37.17 3.49 0.00	52.61 4.63 0.00	55.18 4.99 0.00	42.51 3.49 0.00	36.59 2.83 0.00	35.67 2.97 0.00	35.20 3.04 0.00	31.33 2.64 0.00	26.49 2.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	36.52 2.63 -0.72	32.25 2.38 -0.29	47.95 1.43 -29.07	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.00 0.00	33.57 2.51 0.00	36.97 2.84 -1.21	58.84 2.67 -26.78	42.69 2.78 -10.74	29.69 2.67 0.00	30.31 2.75 0.00	30.71 2.80 0.00	40.05 3.53 0.06	38.60 3.65 0.00	37.17 3.49 0.00	52.61 4.63 0.00	55.18 4.99 0.00	42.51 3.49 0.00	36.59 2.83 0.00	35.67 2.97 0.00	35.20 3.04 0.00	31.33 2.64 0.00	26.49 2.20 0.00
ASTORIA_GT2_1 24094	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT2_2 24095	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT2_3 24096	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT2_4 24097	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT3_1 24098	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT3_2 24099	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT3_3 24100	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT3_4 24101	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT4_1 24102	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT4_2 24103	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT4_3 24104	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00

ASTORIA_GT4_4 24105	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.62 1.95 0.00	27.65 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.71 2.70 0.00	30.33 2.77 0.00	30.73 2.82 0.00	40.05 3.52 0.06	38.61 3.67 0.00	37.18 3.50 0.00	52.64 4.65 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.61 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA_GT_1 23523	36.63 2.73 -0.72	32.34 2.47 -0.29	48.00 1.48 -29.07	28.85 2.12 0.00	26.68 2.01 0.00	27.71 2.07 0.00	33.67 2.61 0.00	37.07 2.94 -1.21	58.95 2.78 -26.78	42.79 2.88 -10.74	29.78 2.77 0.00	30.41 2.85 0.00	30.81 2.91 0.00	40.18 3.66 0.06	38.71 3.77 0.00	37.29 3.60 0.00	52.77 4.79 0.00	55.38 5.18 0.00	42.64 3.63 0.00	36.71 2.95 0.00	35.79 3.09 0.00	35.31 3.15 0.00	31.42 2.73 0.00	26.56 2.27 0.00
ASTORIA_GT_10 24110	36.50 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.67 2.03 0.00	33.62 2.57 0.00	37.02 2.90 -1.21	58.91 2.74 -26.78	42.71 2.80 -10.74	30.62 2.76 -0.84	30.40 2.84 0.00	30.78 2.87 0.00	40.08 3.56 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.63 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.81 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.63 0.00	26.48 2.19 0.00
ASTORIA_GT_11 24225	36.50 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.67 2.03 0.00	33.62 2.57 0.00	37.02 2.90 -1.21	58.91 2.74 -26.78	42.71 2.80 -10.74	30.62 2.76 -0.84	30.40 2.84 0.00	30.78 2.87 0.00	40.08 3.56 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.63 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.81 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.63 0.00	26.48 2.19 0.00
ASTORIA_GT_12 24226	36.50 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.67 2.03 0.00	33.62 2.57 0.00	37.02 2.90 -1.21	58.91 2.74 -26.78	42.71 2.80 -10.74	30.62 2.76 -0.84	30.40 2.84 0.00	30.78 2.87 0.00	40.08 3.56 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.63 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.81 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.63 0.00	26.48 2.19 0.00
ASTORIA_GT_13 24227	36.50 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.67 2.03 0.00	33.62 2.57 0.00	37.02 2.90 -1.21	58.91 2.74 -26.78	42.71 2.80 -10.74	30.62 2.76 -0.84	30.40 2.84 0.00	30.78 2.87 0.00	40.08 3.56 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.63 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.81 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.63 0.00	26.48 2.19 0.00
ASTORIA_GT_5 24106	36.63 2.74 -0.72	32.34 2.47 -0.29	48.00 1.48 -29.07	28.85 2.12 0.00	26.68 2.01 0.00	27.71 2.07 0.00	33.67 2.61 0.00	37.07 2.95 -1.21	58.95 2.78 -26.78	42.79 2.87 -10.74	29.79 2.77 0.00	30.41 2.85 0.00	30.81 2.91 0.00	40.16 3.63 0.06	38.72 3.77 0.00	37.29 3.60 0.00	52.78 4.79 0.00	55.38 5.19 0.00	42.65 3.63 0.00	36.71 2.95 0.00	35.79 3.09 0.00	35.31 3.15 0.00	31.42 2.73 0.00	26.56 2.27 0.00
ASTORIA_GT_7 24107	36.63 2.74 -0.72	32.34 2.47 -0.29	48.00 1.48 -29.07	28.85 2.12 0.00	26.68 2.01 0.00	27.71 2.07 0.00	33.67 2.61 0.00	37.07 2.95 -1.21	58.95 2.78 -26.78	42.79 2.87 -10.74	29.79 2.77 0.00	30.41 2.85 0.00	30.81 2.91 0.00	40.16 3.63 0.06	38.72 3.77 0.00	37.29 3.60 0.00	52.78 4.79 0.00	55.38 5.19 0.00	42.65 3.63 0.00	36.71 2.95 0.00	35.79 3.09 0.00	35.31 3.15 0.00	31.42 2.73 0.00	26.56 2.27 0.00
ASTORIA_GT_8 24108	36.63 2.74 -0.72	32.34 2.47 -0.29	48.00 1.48 -29.07	28.85 2.12 0.00	26.68 2.01 0.00	27.71 2.07 0.00	33.67 2.61 0.00	37.07 2.95 -1.21	58.95 2.78 -26.78	42.79 2.87 -10.74	29.79 2.77 0.00	30.41 2.85 0.00	30.81 2.91 0.00	40.16 3.63 0.06	38.72 3.77 0.00	37.29 3.60 0.00	52.78 4.79 0.00	55.38 5.19 0.00	42.65 3.63 0.00	36.71 2.95 0.00	35.79 3.09 0.00	35.31 3.15 0.00	31.42 2.73 0.00	26.56 2.27 0.00
ASTORIA___2 24149	36.54 2.64 -0.72	32.27 2.40 -0.29	47.96 1.44 -29.07	28.79 2.06 0.00	26.63 1.95 0.00	27.66 2.02 0.00	33.59 2.53 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	29.70 2.69 0.00	30.32 2.77 0.00	30.73 2.83 0.00	40.07 3.54 0.06	38.61 3.66 0.00	37.18 3.50 0.00	52.63 4.64 0.00	55.21 5.02 0.00	42.52 3.50 0.00	36.60 2.85 0.00	35.69 3.00 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
ASTORIA___3 23516	36.49 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.68 2.04 0.00	33.62 2.57 0.00	37.02 2.89 -1.21	58.91 2.73 -26.78	42.71 2.80 -10.74	30.61 2.76 -0.84	30.40 2.84 0.00	30.77 2.87 0.00	40.11 3.58 0.06	38.61 3.66 0.00	37.16 3.47 0.00	52.62 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.80 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.62 0.00	26.48 2.19 0.00
ASTORIA___4 23517	36.49 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.67 2.03 0.00	33.62 2.57 0.00	37.02 2.90 -1.21	58.91 2.74 -26.78	42.71 2.80 -10.74	30.62 2.76 -0.84	30.40 2.84 0.00	30.78 2.87 0.00	40.08 3.56 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.63 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.81 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.63 0.00	26.48 2.19 0.00
ASTORIA___5 23518	36.49 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.68 2.04 0.00	33.62 2.57 0.00	37.02 2.89 -1.21	58.91 2.73 -26.78	42.71 2.80 -10.74	30.61 2.76 -0.84	30.40 2.84 0.00	30.77 2.87 0.00	40.11 3.58 0.06	38.61 3.66 0.00	37.16 3.47 0.00	52.62 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.80 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.62 0.00	26.48 2.19 0.00
AST_ENERGY_2_CC3 323677	36.46 2.56 -0.72	32.19 2.31 -0.29	47.94 1.40 -29.08	28.76 2.03 0.00	26.59 1.92 0.00	27.61 1.97 0.00	33.51 2.45 0.00	36.91 2.78 -1.21	58.81 2.62 -26.79	42.64 2.72 -10.74	29.67 2.66 0.00	30.29 2.73 0.00	30.71 2.80 0.00	40.06 3.54 0.06	38.57 3.62 0.00	37.13 3.44 0.00	52.63 4.64 0.00	55.16 4.97 0.00	42.48 3.46 0.00	36.52 2.76 0.00	35.58 2.88 0.00	35.07 2.91 0.00	31.24 2.55 0.00	26.41 2.12 0.00
AST_ENERGY_2_CC4 323678	36.46 2.56 -0.72	32.19 2.31 -0.29	47.94 1.40 -29.08	28.76 2.03 0.00	26.59 1.92 0.00	27.61 1.97 0.00	33.51 2.45 0.00	36.91 2.78 -1.21	58.81 2.62 -26.79	42.64 2.72 -10.74	29.67 2.66 0.00	30.29 2.73 0.00	30.71 2.80 0.00	40.06 3.54 0.06	38.57 3.62 0.00	37.13 3.44 0.00	52.63 4.64 0.00	55.16 4.97 0.00	42.48 3.46 0.00	36.52 2.76 0.00	35.58 2.88 0.00	35.07 2.91 0.00	31.24 2.55 0.00	26.41 2.12 0.00

ATHENS_STG_1 23668	34.79 1.46 -0.15	30.98 1.33 -0.06	24.50 0.80 -6.25	27.93 1.20 0.00	25.79 1.12 0.00	26.78 1.14 0.00	32.46 1.40 0.00	34.72 1.54 -0.26	36.54 1.44 -5.71	32.92 1.46 -2.29	28.41 1.39 0.00	28.98 1.42 0.00	29.32 1.42 0.00	38.23 1.70 0.06	36.64 1.69 0.00	35.28 1.59 0.00	50.15 2.16 0.00	52.56 2.36 0.00	40.76 1.74 0.00	35.20 1.44 0.00	34.20 1.51 0.00	33.65 1.49 0.00	30.00 1.31 0.00	25.44 1.15 0.00
ATHENS_STG_2 23670	34.79 1.46 -0.15	30.98 1.33 -0.06	24.50 0.80 -6.25	27.93 1.20 0.00	25.79 1.12 0.00	26.78 1.14 0.00	32.46 1.40 0.00	34.72 1.54 -0.26	36.54 1.44 -5.71	32.92 1.46 -2.29	28.41 1.39 0.00	28.98 1.42 0.00	29.32 1.42 0.00	38.23 1.70 0.06	36.64 1.69 0.00	35.28 1.59 0.00	50.15 2.16 0.00	52.56 2.36 0.00	40.76 1.74 0.00	35.20 1.44 0.00	34.20 1.51 0.00	33.65 1.49 0.00	30.00 1.31 0.00	25.44 1.15 0.00
ATHENS_STG_3 23677	34.79 1.46 -0.15	30.98 1.33 -0.06	24.50 0.80 -6.25	27.93 1.20 0.00	25.79 1.12 0.00	26.78 1.14 0.00	32.46 1.40 0.00	34.72 1.54 -0.26	36.54 1.44 -5.71	32.92 1.46 -2.29	28.41 1.39 0.00	28.98 1.42 0.00	29.32 1.42 0.00	38.23 1.70 0.06	36.64 1.69 0.00	35.28 1.59 0.00	50.15 2.16 0.00	52.56 2.36 0.00	40.76 1.74 0.00	35.20 1.44 0.00	34.20 1.51 0.00	33.65 1.49 0.00	30.00 1.31 0.00	25.44 1.15 0.00
AUBURN___LFGE 323710	34.71 0.05 -1.49	29.85 0.05 -0.21	17.46 0.00 0.00	26.68 -0.05 0.00	24.62 -0.06 0.00	25.90 -0.09 -0.36	32.04 -0.06 -1.04	33.07 0.04 -0.12	30.27 -0.07 -0.95	29.20 -0.05 -0.08	27.38 -0.02 -0.38	28.83 -0.05 -1.32	27.34 0.03 0.60	36.70 -0.06 -0.17	34.56 -0.04 0.35	37.19 0.02 -3.48	54.80 0.09 -6.72	57.15 0.11 -6.84	43.56 0.12 -4.42	35.97 0.22 -1.99	33.36 0.10 -0.56	32.18 0.01 0.00	28.78 0.09 0.00	24.27 -0.02 0.00
BABYLON_RES_REC 323704	38.70 3.38 -2.15	38.87 3.00 -6.29	83.27 1.79 -64.03	35.77 2.62 -6.41	83.96 2.39 -56.90	49.50 2.46 -21.41	34.12 3.06 0.00	37.50 3.36 -1.22	60.33 3.06 -27.87	54.79 3.11 -22.51	65.55 3.01 -35.53	59.82 3.02 -29.24	63.04 3.02 -32.11	68.90 3.86 -28.45	73.81 3.94 -34.92	69.66 3.78 -32.20	63.01 5.17 -9.86	73.94 5.29 -18.45	48.51 3.79 -5.71	38.92 3.04 -2.13	43.80 3.07 -8.03	44.08 3.09 -8.82	31.43 2.74 0.00	43.78 2.51 -16.99
BABYLON__69_KV_BK2 356345	39.19 3.86 -2.15	39.27 3.40 -6.29	83.50 2.02 -64.02	36.12 2.98 -6.41	84.28 2.70 -56.90	49.82 2.77 -21.40	34.52 3.46 0.00	37.95 3.81 -1.22	60.74 3.48 -27.87	55.63 3.70 -22.76	69.08 3.57 -38.50	60.41 3.59 -29.26	65.08 3.60 -33.58	76.17 4.66 -34.91	85.27 4.73 -45.59	89.39 4.59 -51.11	81.80 6.28 -27.53	107.44 6.56 -50.69	64.02 4.76 -20.24	44.75 3.80 -7.20	61.39 3.79 -24.90	53.39 3.83 -17.40	32.06 3.37 0.00	44.13 2.85 -16.98
BALL_HILL_WT_PWR 323825	31.93 -1.24 0.00	28.35 -1.23 0.00	16.57 -0.88 0.00	25.31 -1.42 0.00	23.38 -1.29 0.00	24.44 -1.20 0.00	29.70 -1.36 0.00	31.42 -1.52 -0.02	27.80 -1.78 -0.19	27.55 -1.63 -0.02	25.98 -1.26 -0.23	26.47 -1.35 -0.27	26.79 -1.39 -0.27	32.99 -2.17 1.42	33.70 -1.78 -0.53	32.89 -1.48 -0.69	47.42 -1.90 -1.33	49.87 -2.49 -2.16	37.87 -2.03 -0.88	32.73 -1.43 -0.40	31.09 -1.72 -0.11	30.64 -1.53 0.00	27.67 -1.02 0.00	23.28 -1.01 0.00
BARON_WINDS___WT_PWR 323822	32.96 -0.58 -0.38	28.96 -0.68 -0.05	16.95 -0.50 0.00	25.92 -0.82 0.00	23.87 -0.81 0.00	25.03 -0.70 -0.09	30.59 -0.72 -0.26	32.16 -0.82 -0.06	28.87 -0.99 -0.46	28.32 -0.89 -0.04	26.88 -0.71 -0.58	27.40 -0.81 -0.65	27.72 -0.86 -0.67	35.75 -1.37 -0.53	35.36 -1.11 -1.52	34.46 -0.94 -1.70	50.10 -1.18 -3.29	52.15 -1.40 -3.35	40.01 -1.17 -2.16	33.99 -0.74 -0.97	32.05 -0.92 -0.27	31.41 -0.75 0.00	28.18 -0.50 0.00	23.74 -0.55 0.00
BARRETT_IC_1 23704	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_10 23701	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_11 23702	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_12 23703	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_2 23705	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_3 23706	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_4 23707	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99

BARRETT_IC_5 23708	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_6 23709	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_7 23710	38.21 2.89 -2.15	38.46 2.59 -6.29	83.07 1.59 -64.02	35.49 2.35 -6.41	83.76 2.19 -56.90	49.29 2.25 -21.40	33.75 2.69 0.00	37.00 2.86 -1.22	59.88 2.61 -27.87	54.30 2.75 -22.38	63.79 2.67 -34.11	59.55 2.76 -29.23	62.11 2.79 -31.42	65.39 3.42 -25.37	68.09 3.51 -29.63	60.20 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.78	42.64 3.41 -0.21	36.40 2.65 0.00	35.43 2.74 0.00	39.77 2.87 -4.74	31.25 2.56 0.00	43.46 2.19 -16.98
BARRETT_IC_8 23711	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT_IC_9 23700	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT___1 23545	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BARRETT___2 23546	38.21 2.89 -2.15	38.47 2.59 -6.29	83.07 1.59 -64.03	35.49 2.35 -6.41	83.77 2.19 -56.90	49.30 2.26 -21.41	33.75 2.69 0.00	37.00 2.86 -1.22	59.87 2.61 -27.87	54.31 2.75 -22.38	63.80 2.67 -34.12	59.54 2.76 -29.23	62.11 2.79 -31.42	65.39 3.44 -25.37	68.09 3.51 -29.63	60.21 3.33 -23.19	53.97 4.54 -1.44	58.78 4.81 -3.77	42.64 3.41 -0.21	36.40 2.64 0.00	35.43 2.74 0.01	39.77 2.86 -4.74	31.25 2.56 0.00	43.47 2.19 -16.99
BATAVIA__115KV_TB1 55881	32.49 -0.69 0.00	28.89 -0.70 0.00	16.86 -0.60 0.00	25.73 -1.00 0.00	23.81 -0.86 0.00	24.89 -0.75 0.00	30.21 -0.86 0.00	31.86 -1.06 0.00	27.88 -1.51 0.00	27.81 -1.35 0.00	26.02 -1.00 0.00	26.46 -1.10 0.00	26.83 -1.07 0.00	33.68 -1.74 1.17	33.35 -1.54 0.06	32.55 -1.14 0.00	46.53 -1.46 0.00	49.51 -2.11 -1.42	37.46 -1.56 -0.01	32.88 -0.88 0.00	31.59 -1.10 0.00	31.17 -0.99 0.00	28.10 -0.59 0.00	23.66 -0.63 0.00
BAYONEEC___CTG1 323682	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG10 323750	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG2 323683	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG3 323684	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG4 323685	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG5 323686	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG6 323687	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00

BAYONEEC___CTG7 323688	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG8 323689	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BAYONEEC___CTG9 323749	36.52 2.62 -0.72	32.25 2.37 -0.29	47.96 1.43 -29.08	28.80 2.07 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.57 2.50 0.00	36.94 2.81 -1.21	58.84 2.66 -26.79	42.67 2.76 -10.74	29.69 2.68 0.00	30.31 2.75 0.00	30.73 2.83 0.00	40.08 3.56 0.06	38.59 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.22 5.02 0.00	42.52 3.50 0.00	36.55 2.79 0.00	35.61 2.92 0.00	35.12 2.96 0.00	31.28 2.60 0.00	26.46 2.17 0.00
BEACON___LESR 323632	34.68 1.39 -0.12	30.91 1.27 -0.05	23.06 0.81 -4.79	27.95 1.22 0.00	25.81 1.15 0.00	26.73 1.09 0.00	32.43 1.37 0.00	34.56 1.44 -0.20	35.17 1.38 -4.40	32.20 1.26 -1.76	28.18 1.17 0.00	28.73 1.18 0.00	29.10 1.19 0.00	38.10 1.51 0.00	36.32 1.38 0.00	34.98 1.29 0.00	50.05 2.06 0.00	52.35 2.16 0.00	40.81 1.79 0.00	35.27 1.51 0.00	34.16 1.46 0.00	33.54 1.38 0.00	29.82 1.13 0.00	25.35 1.07 0.00
BEAVER RIVER___HYD 24048	33.02 -1.29 -1.13	28.80 -0.92 -0.14	16.89 -0.56 0.00	25.86 -0.87 0.00	23.81 -0.86 0.00	25.21 -0.63 -0.21	31.05 -0.62 -0.61	32.29 -0.68 -0.05	29.09 -0.68 -0.38	28.28 -0.93 -0.03	11.04 -1.05 14.93	26.73 -1.07 -0.24	-11.08 -1.22 37.77	-35.77 -1.42 70.94	-37.46 -1.59 70.82	33.33 -1.74 -1.38	48.42 -2.25 -2.69	50.89 -2.05 -2.74	39.45 -1.34 -1.77	33.61 -0.95 -0.80	32.65 -0.26 -0.22	31.91 -0.25 0.00	28.37 -0.32 0.00	23.90 -0.39 0.00
BEEBEE_GT_13 23619	32.36 -0.81 0.00	28.79 -0.80 0.00	16.86 -0.60 0.00	25.75 -0.98 0.00	23.81 -0.86 0.00	24.84 -0.80 0.00	30.13 -0.94 0.00	31.84 -1.08 0.00	28.09 -1.30 0.00	28.03 -1.14 0.00	26.17 -0.84 0.00	26.64 -0.92 0.00	27.04 -0.87 0.00	35.45 -1.42 -0.28	33.70 -1.26 -0.02	32.72 -0.97 0.00	46.77 -1.22 0.00	48.52 -1.68 0.00	37.77 -1.25 0.00	32.85 -0.91 0.00	31.59 -1.11 0.00	31.14 -1.02 0.00	27.96 -0.73 0.00	23.59 -0.70 0.00
BENSHRST_27_KV_BENSHRST_1 355998	38.78 3.07 -2.54	35.48 2.77 -3.12	49.85 1.65 -30.75	29.16 2.42 0.00	26.94 2.27 0.00	27.99 2.35 0.00	34.01 2.94 -0.01	37.42 3.29 -1.22	59.25 3.08 -26.78	43.06 3.15 -10.74	2143.18 3.13 -2113.04	74.46 3.23 -43.68	308.30 3.27 -277.12	162.49 4.10 -121.80	97.64 4.22 -58.48	66.10 4.02 -28.40	55.74 5.41 -2.35	57.78 5.72 -1.87	43.08 3.98 -0.08	38.77 3.31 -1.70	38.05 3.41 -1.95	38.48 3.42 -2.89	38.29 3.00 -6.60	41.41 2.51 -14.61
BETHLEHEM___GRP 23843	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.87 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.73 0.81 -1.75	27.72 0.70 0.00	28.26 0.71 0.00	28.62 0.72 0.00	37.42 0.83 0.00	35.72 0.77 0.00	34.35 0.67 0.00	48.98 0.99 0.00	51.34 1.15 0.00	39.94 0.92 0.00	34.55 0.79 0.00	33.54 0.84 0.00	32.90 0.73 0.00	29.31 0.62 0.00	24.93 0.64 0.00
BETHLEHEM___GS1 323560	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.86 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.72 0.80 -1.75	27.72 0.71 0.00	28.26 0.70 0.00	28.62 0.71 0.00	37.43 0.84 0.00	35.72 0.77 0.00	34.35 0.66 0.00	48.98 0.99 0.00	51.35 1.15 0.00	39.94 0.92 0.00	34.54 0.79 0.00	33.54 0.84 0.00	32.90 0.74 0.00	29.31 0.62 0.00	24.93 0.64 0.00
BETHLEHEM___GS2 323561	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.86 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.72 0.80 -1.75	27.72 0.71 0.00	28.26 0.70 0.00	28.62 0.71 0.00	37.43 0.84 0.00	35.72 0.77 0.00	34.35 0.66 0.00	48.98 0.99 0.00	51.35 1.15 0.00	39.94 0.92 0.00	34.54 0.79 0.00	33.54 0.84 0.00	32.90 0.74 0.00	29.31 0.62 0.00	24.93 0.64 0.00
BETHLEHEM___GS3 323562	34.09 0.80 -0.12	30.44 0.80 -0.05	22.73 0.51 -4.76	27.52 0.78 0.00	25.42 0.75 0.00	26.34 0.70 0.00	31.86 0.80 0.00	34.01 0.90 -0.20	34.61 0.86 -4.37	31.72 0.80 -1.75	27.72 0.71 0.00	28.26 0.70 0.00	28.62 0.71 0.00	37.43 0.84 0.00	35.72 0.77 0.00	34.35 0.66 0.00	48.98 0.99 0.00	51.35 1.15 0.00	39.94 0.92 0.00	34.54 0.79 0.00	33.54 0.84 0.00	32.90 0.74 0.00	29.31 0.62 0.00	24.93 0.64 0.00
BETHLEHEM___STEEL 23779	31.81 -1.36 0.00	28.27 -1.32 0.00	16.51 -0.94 0.00	25.21 -1.52 0.00	23.30 -1.37 0.00	24.35 -1.28 0.00	29.54 -1.52 0.00	31.19 -1.75 -0.02	27.50 -2.06 -0.17	27.34 -1.85 -0.02	25.75 -1.48 -0.21	26.18 -1.62 -0.24	26.56 -1.59 -0.25	32.71 -2.41 1.46	33.29 -2.14 -0.48	32.58 -1.75 -0.64	46.97 -2.24 -1.22	49.86 -2.97 -2.64	37.50 -2.33 -0.81	32.42 -1.70 -0.36	30.85 -1.94 -0.10	30.39 -1.77 0.00	27.46 -1.23 0.00	23.16 -1.13 0.00
BETHLHEM_115KV_TB1 79974	34.17 0.88 -0.12	30.49 0.86 -0.05	22.74 0.54 -4.74	27.56 0.83 0.00	25.46 0.79 0.00	26.38 0.74 0.00	31.94 0.88 0.00	34.08 0.97 -0.20	34.66 0.92 -4.34	31.78 0.87 -1.74	27.79 0.78 0.00	28.34 0.78 0.00	28.70 0.79 0.00	37.51 0.92 0.00	35.82 0.87 0.00	34.45 0.76 0.00	49.10 1.12 0.00	51.47 1.27 0.00	40.03 1.01 0.00	34.63 0.87 0.00	33.61 0.91 0.00	32.99 0.82 0.00	29.38 0.69 0.00	24.98 0.70 0.00
BETHPAGE_CC_5 323564	38.36 3.03 -2.15	38.56 2.69 -6.29	83.10 1.62 -64.03	35.51 2.37 -6.41	83.75 2.18 -56.90	49.28 2.23 -21.41	33.85 2.78 0.00	37.21 3.07 -1.22	60.09 2.83 -27.87	54.60 3.01 -22.42	64.49 2.95 -34.52	59.81 3.02 -29.23	62.58 3.05 -31.62	66.75 3.92 -26.25	70.29 3.99 -31.36	63.24 3.79 -25.76	57.04 5.21 -3.84	62.88 5.46 -7.22	43.15 3.92 -0.21	37.09 3.04 -0.29	38.06 3.08 -2.29	41.16 3.09 -5.91	31.35 2.66 0.00	43.55 2.28 -16.99
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.92 -1.25 0.00	28.36 -1.22 0.00	16.57 -0.89 0.00	25.29 -1.44 0.00	23.37 -1.30 0.00	24.43 -1.21 0.00	29.64 -1.42 0.00	31.30 -1.64 -0.02	27.62 -1.95 -0.18	27.46 -1.73 -0.02	25.86 -1.38 -0.23	26.29 -1.52 -0.26	26.67 -1.50 -0.26	32.92 -2.27 1.40	33.47 -1.99 -0.52	32.76 -1.61 -0.67	47.23 -2.06 -1.30	50.10 -2.75 -2.66	37.69 -2.19 -0.86	32.57 -1.57 -0.39	30.98 -1.82 -0.11	30.51 -1.65 0.00	27.56 -1.13 0.00	23.23 -1.06 0.00

BINGHAMTON___COGEN 23790	34.06 0.22 -0.67	29.79 0.10 -0.10	17.47 0.01 0.00	26.72 -0.01 0.00	24.63 -0.04 0.00	25.83 0.03 -0.16	31.62 0.10 -0.46	33.22 0.20 -0.10	30.32 0.11 -0.82	29.37 0.13 -0.07	28.24 0.21 -1.02	28.94 0.23 -1.16	29.31 0.21 -1.20	39.28 0.17 -2.52	38.03 0.29 -2.78	37.01 0.31 -3.02	54.27 0.46 -5.82	56.67 0.54 -5.93	43.16 0.31 -3.83	35.83 0.34 -1.73	33.30 0.12 -0.49	32.28 0.11 0.00	28.82 0.13 0.00	24.30 0.01 0.00
BIXINCNT_115KV_LOAD 355685	32.26 -0.91 0.00	28.65 -0.94 0.00	16.71 -0.74 0.00	25.56 -1.17 0.00	23.64 -1.03 0.00	24.71 -0.93 0.00	30.02 -1.04 0.00	31.73 -1.21 -0.03	28.18 -1.45 -0.23	27.99 -1.21 -0.02	26.26 -1.04 -0.29	26.74 -1.15 -0.33	27.06 -1.18 -0.34	33.71 -1.79 1.09	34.02 -1.63 -0.70	33.26 -1.29 -0.86	47.94 -1.71 -1.66	50.78 -2.17 -2.76	38.25 -1.86 -1.10	32.92 -1.32 -0.49	31.32 -1.52 -0.14	30.92 -1.25 0.00	27.90 -0.79 0.00	23.51 -0.78 0.00
BLACK RIVER___HYD 24047	33.55 -1.26 -1.64	28.92 -0.88 -0.22	16.88 -0.58 0.00	25.81 -0.92 0.00	23.80 -0.87 0.00	25.39 -0.60 -0.35	31.53 -0.56 -1.02	32.40 -0.61 -0.08	29.40 -0.63 -0.64	28.34 -0.89 -0.06	16.07 -0.99 9.95	27.29 -0.98 -0.71	0.86 -1.23 25.82	-12.81 -1.34 48.06	-14.77 -1.59 48.12	34.30 -1.75 -2.36	50.41 -2.15 -4.57	53.00 -1.86 -4.66	40.78 -1.26 -3.01	34.36 -0.76 -1.36	33.04 -0.04 -0.38	32.11 -0.06 0.00	28.54 -0.15 0.00	23.99 -0.30 0.00
BLACKRVR_115KV_TB2 79977	33.55 -1.26 -1.64	28.92 -0.88 -0.22	16.88 -0.58 0.00	25.81 -0.92 0.00	23.80 -0.87 0.00	25.39 -0.60 -0.35	31.52 -0.56 -1.02	32.39 -0.61 -0.08	29.40 -0.63 -0.64	28.34 -0.89 -0.06	16.07 -0.99 9.95	27.29 -0.98 -0.71	0.86 -1.23 25.82	-12.81 -1.34 48.06	-14.77 -1.59 48.12	34.30 -1.75 -2.36	50.41 -2.15 -4.57	52.99 -1.86 -4.66	40.78 -1.25 -3.01	34.36 -0.76 -1.36	33.04 -0.04 -0.38	32.11 -0.06 0.00	28.54 -0.15 0.00	23.99 -0.30 0.00
BLISS_WT_PWR 323608	32.24 -0.94 0.00	28.63 -0.95 0.00	16.70 -0.75 0.00	25.55 -1.19 0.00	23.63 -1.04 0.00	24.69 -0.95 0.00	30.01 -1.05 0.00	31.71 -1.24 -0.03	28.20 -1.42 -0.23	28.00 -1.19 -0.02	26.26 -1.04 -0.29	26.77 -1.12 -0.33	27.08 -1.17 -0.34	33.65 -1.85 1.09	34.03 -1.62 -0.70	33.26 -1.30 -0.86	47.93 -1.72 -1.66	50.75 -2.20 -2.76	38.25 -1.87 -1.10	32.93 -1.33 -0.49	31.29 -1.54 -0.14	30.91 -1.26 0.00	27.90 -0.79 0.00	23.49 -0.80 0.00
BLUESTONE___WT_PWR 323821	35.65 1.90 -0.57	31.23 1.56 -0.08	18.30 0.84 0.00	27.83 1.10 0.00	25.39 0.72 0.00	26.63 0.85 -0.14	32.59 1.13 -0.40	34.36 1.36 -0.08	31.20 1.13 -0.68	30.43 1.20 -0.06	28.96 1.09 -0.85	29.56 1.04 -0.96	29.80 0.89 -1.00	39.48 0.73 -2.15	37.62 0.35 -2.32	36.96 0.76 -2.51	54.11 1.28 -4.84	57.09 1.97 -4.93	43.73 1.53 -3.19	36.85 1.66 -1.44	34.47 1.37 -0.40	33.54 1.38 0.00	29.83 1.14 0.00	24.95 0.66 0.00
BLUE_CIRC_CHEM_DRP 24182	34.49 1.22 -0.10	30.77 1.14 -0.04	22.36 0.70 -4.21	27.81 1.07 0.00	25.69 1.02 0.00	26.65 1.01 0.00	32.25 1.19 0.00	34.32 1.23 -0.18	34.33 1.07 -3.87	31.66 0.94 -1.55	27.80 0.78 0.00	28.31 0.75 0.00	28.65 0.74 0.00	37.48 0.89 0.00	35.81 0.86 0.00	34.45 0.76 0.00	49.17 1.18 0.00	51.55 1.36 0.00	40.21 1.19 0.00	34.89 1.14 0.00	33.86 1.16 0.00	33.26 1.10 0.00	29.64 0.95 0.00	25.19 0.90 0.00
BOC_GAS_DRP 24189	34.30 1.02 -0.11	30.59 0.95 -0.05	22.64 0.59 -4.60	27.62 0.89 0.00	25.51 0.84 0.00	26.46 0.82 0.00	32.05 0.99 0.00	34.20 1.09 -0.19	34.63 1.02 -4.22	31.85 0.99 -1.69	27.92 0.91 0.00	28.48 0.92 0.00	28.83 0.92 0.00	37.67 1.09 0.00	36.01 1.06 0.00	34.65 0.96 0.00	49.34 1.36 0.00	51.70 1.50 0.00	40.18 1.16 0.00	34.76 1.00 0.00	33.73 1.04 0.00	33.15 0.98 0.00	29.54 0.85 0.00	25.08 0.79 0.00
BOONVILLE_115KV_TB1 79983	34.20 0.13 -0.90	29.88 0.22 -0.08	17.56 0.10 0.00	26.88 0.15 0.00	24.78 0.11 0.00	26.00 0.26 -0.10	31.78 0.43 -0.29	33.38 0.44 -0.02	29.89 0.33 -0.17	29.44 0.25 -0.02	21.52 0.14 5.64	27.83 0.15 -0.13	13.68 0.07 14.31	10.86 0.10 25.83	8.58 0.09 26.46	34.25 -0.06 -0.62	49.25 0.06 -1.21	51.64 0.22 -1.23	40.19 0.37 -0.79	34.55 0.43 -0.36	33.49 0.69 -0.10	32.85 0.69 0.00	29.23 0.54 0.00	24.66 0.37 0.00
BORALEX_4TH_BRANCH 23824	35.42 2.11 -0.14	31.60 1.97 -0.06	24.10 1.10 -5.54	28.52 1.78 0.00	26.33 1.66 0.00	27.34 1.70 0.00	33.23 2.17 0.00	35.46 2.31 -0.23	36.49 2.01 -5.08	33.12 1.91 -2.04	28.60 1.59 0.00	29.15 1.59 0.00	29.49 1.58 0.00	38.58 2.00 0.00	36.64 1.69 0.00	35.01 1.32 0.00	50.14 2.15 0.00	52.65 2.45 0.00	41.09 2.08 0.00	35.77 2.02 0.00	34.76 2.06 0.00	33.97 1.81 0.00	30.23 1.54 0.00	25.80 1.52 0.00
BOWLINE___1 23526	33.80 2.15 1.53	30.90 1.92 0.61	-42.82 1.16 61.43	28.44 1.71 0.00	26.27 1.60 0.00	27.26 1.62 0.00	33.05 2.00 0.00	33.23 2.22 1.90	-10.54 2.11 42.03	14.51 2.20 16.86	29.18 2.16 0.00	29.76 2.21 0.00	30.17 2.26 0.00	39.40 2.87 0.07	37.89 2.95 0.00	36.47 2.78 0.00	51.70 3.71 0.00	54.25 4.06 0.00	41.86 2.84 0.00	36.01 2.25 0.00	35.08 2.38 0.00	34.51 2.35 0.00	30.74 2.05 0.00	26.05 1.76 0.00
BOWLINE___2 23595	33.75 2.10 1.53	30.85 1.87 0.61	-42.88 1.14 61.48	28.42 1.69 0.00	26.26 1.60 0.00	27.23 1.59 0.00	33.01 1.95 0.00	33.20 2.18 1.90	-10.60 2.08 42.07	14.45 2.15 16.87	29.14 2.13 0.00	29.74 2.18 0.00	30.13 2.22 0.00	39.34 2.82 0.07	37.83 2.89 0.00	36.43 2.74 0.00	51.66 3.67 0.00	54.19 4.00 0.00	41.80 2.78 0.00	35.96 2.20 0.00	35.03 2.33 0.00	34.47 2.31 0.00	30.71 2.02 0.00	26.03 1.74 0.00
BRADY___115KV_TB2 356060	32.86 -0.31 0.00	29.24 -0.34 0.00	17.23 -0.23 0.00	26.41 -0.33 0.00	24.36 -0.31 0.00	25.36 -0.28 0.00	30.66 -0.40 0.00	32.26 -0.66 0.00	28.73 -0.66 0.00	28.52 -0.65 0.00	-28.21 -0.74 54.48	25.77 -0.78 1.01	-108.47 -0.79 135.59	-218.69 -0.93 254.35	-220.62 -1.00 254.57	32.79 -0.90 0.00	47.03 -0.96 0.00	49.43 -0.76 0.00	38.35 -0.66 0.00	33.38 -0.38 0.00	32.72 0.03 0.00	32.24 0.08 0.00	28.75 0.06 0.00	24.27 -0.02 0.00
BRANSCOMB___SOLAR 323811	35.27 1.99 -0.11	31.34 1.71 -0.05	23.01 0.94 -4.62	28.23 1.50 0.00	26.09 1.42 0.00	27.10 1.46 0.00	32.95 1.89 0.00	35.12 2.01 -0.19	35.34 1.72 -4.23	32.48 1.61 -1.70	28.29 1.28 0.00	28.85 1.29 0.00	29.20 1.29 0.00	38.23 1.64 0.00	36.44 1.49 0.00	35.10 1.41 0.00	50.09 2.10 0.00	52.66 2.46 0.00	41.25 2.24 0.00	35.75 2.00 0.00	34.79 2.10 0.00	34.05 1.89 0.00	30.21 1.52 0.00	25.72 1.43 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	38.96 3.63 -2.15	39.08 3.21 -6.29	83.39 1.92 -64.02	35.97 2.83 -6.41	84.14 2.56 -56.90	49.66 2.61 -21.40	34.33 3.27 0.00	37.73 3.59 -1.22	60.54 3.28 -27.87	55.43 3.50 -22.76	68.82 3.25 -38.56	60.10 3.27 -29.27	64.80 3.29 -33.61	75.86 4.22 -35.05	85.37 4.21 -46.21	89.35 4.14 -51.51	81.42 5.52 -27.90	106.05 5.83 -50.03	60.95 4.22 -17.71	43.80 3.31 -6.73	61.30 3.34 -25.26	53.21 3.47 -17.58	31.84 3.15 0.00	43.96 2.68 -16.98

BRISTLHL_115KV_TB1 79998	35.69 -0.69 -3.20	29.38 -0.67 -0.46	17.04 -0.42 0.00	26.05 -0.68 0.00	24.05 -0.61 0.00	25.79 -0.62 -0.77	32.62 -0.69 -2.25	32.39 -0.71 -0.18	30.13 -0.72 -1.46	28.61 -0.69 -0.13	26.89 -0.57 -0.44	28.99 -0.60 -2.03	26.04 -0.59 1.28	35.46 -0.80 0.33	33.05 -0.72 1.18	38.39 -0.67 -5.37	57.47 -0.87 -10.35	59.76 -0.98 -10.54	45.08 -0.75 -6.81	36.21 -0.62 -3.07	32.91 -0.65 -0.87	31.53 -0.63 0.00	28.12 -0.56 0.00	23.76 -0.53 0.00
BROOKHAVEN___DRP 24191	38.86 3.53 -2.15	38.94 3.07 -6.29	83.31 1.83 -64.02	35.87 2.73 -6.41	84.08 2.50 -56.90	49.59 2.55 -21.40	34.22 3.16 0.00	37.67 3.53 -1.22	60.45 3.19 -27.87	56.83 3.47 -24.19	85.61 3.48 -55.12	60.52 3.56 -29.40	73.36 3.67 -41.79	112.44 4.74 -71.12	145.64 4.62 -106.06	195.15 4.38 -157.08	180.50 5.97 -126.54	285.58 6.35 -229.04	140.65 4.64 -96.99	72.05 3.64 -34.65	155.84 3.73 -119.41	101.32 3.74 -65.41	31.82 3.13 0.00	43.92 2.65 -16.98
BROOKLYN_NAVY_YARD 23515	36.50 2.60 -0.72	32.22 2.34 -0.29	47.95 1.42 -29.08	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.00 0.00	33.56 2.50 0.00	36.95 2.82 -1.21	58.86 2.68 -26.79	42.68 2.76 -10.74	29.70 2.69 0.00	30.33 2.77 0.00	30.76 2.85 0.00	40.12 3.60 0.06	38.63 3.68 0.00	37.17 3.48 0.00	52.68 4.70 0.00	55.27 5.07 0.00	42.54 3.52 0.00	36.58 2.82 0.00	35.64 2.95 0.00	35.14 2.98 0.00	31.28 2.59 0.00	26.45 2.16 0.00
BROOKLYN___ARMY_DRP 323595	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
BROOKVLE_69_KV_TB1 55790	38.55 3.22 -2.15	38.72 2.85 -6.29	83.19 1.71 -64.02	35.67 2.52 -6.41	84.00 2.43 -56.90	49.56 2.51 -21.40	34.18 3.12 0.00	37.59 3.44 -1.22	60.46 3.20 -27.87	54.90 3.35 -22.38	64.29 3.16 -34.11	60.03 3.25 -29.23	62.65 3.33 -31.42	66.26 4.30 -25.37	68.98 4.39 -29.63	61.07 4.19 -23.19	55.22 5.79 -1.44	60.05 6.08 -3.78	43.59 4.36 -0.21	37.19 3.43 0.00	36.12 3.42 0.00	40.29 3.39 -4.74	31.61 2.92 0.00	43.72 2.45 -16.98
BROOME_2_LFGE 323671	34.06 0.22 -0.67	29.79 0.10 -0.10	17.47 0.02 0.00	26.72 -0.01 0.00	24.63 -0.04 0.00	25.83 0.03 -0.16	31.62 0.10 -0.46	33.21 0.19 -0.10	30.33 0.11 -0.82	29.37 0.13 -0.07	28.24 0.20 -1.02	28.94 0.22 -1.16	29.31 0.20 -1.20	39.27 0.16 -2.52	38.03 0.29 -2.78	37.01 0.30 -3.02	54.28 0.46 -5.82	56.67 0.54 -5.93	43.17 0.31 -3.83	35.83 0.35 -1.73	33.30 0.12 -0.49	32.28 0.11 0.00	28.82 0.13 0.00	24.30 0.01 0.00
BROOME___LFGE 323600	34.06 0.22 -0.67	29.79 0.10 -0.10	17.47 0.02 0.00	26.72 -0.01 0.00	24.63 -0.04 0.00	25.83 0.03 -0.16	31.62 0.10 -0.46	33.21 0.19 -0.10	30.33 0.11 -0.82	29.37 0.13 -0.07	28.24 0.20 -1.02	28.94 0.22 -1.16	29.31 0.20 -1.20	39.27 0.16 -2.52	38.03 0.29 -2.78	37.01 0.30 -3.02	54.28 0.46 -5.82	56.67 0.54 -5.93	43.17 0.31 -3.83	35.83 0.35 -1.73	33.30 0.12 -0.49	32.28 0.11 0.00	28.82 0.13 0.00	24.30 0.01 0.00
BROWNFLS_115KV_TB_3_5 80003	32.32 -1.63 -0.78	28.30 -1.38 -0.09	16.63 -0.82 0.00	25.46 -1.27 0.00	23.46 -1.21 0.00	24.69 -1.09 -0.14	30.27 -1.20 -0.41	31.63 -1.32 -0.03	28.46 -1.19 -0.26	27.80 -1.39 -0.02	-1.75 -1.43 27.33	25.95 -1.45 0.15	-42.12 -1.58 68.45	-95.12 -1.89 129.82	-96.02 -2.06 128.91	32.56 -2.08 -0.95	46.96 -2.91 -1.88	49.32 -2.79 -1.92	38.29 -1.97 -1.24	32.75 -1.57 -0.56	31.87 -0.98 -0.16	31.19 -0.98 0.00	27.75 -0.94 0.00	23.42 -0.87 0.00
BROWNSV1_27_KV_LOAD 356125	37.02 3.13 -0.72	32.67 2.79 -0.29	48.20 1.67 -29.08	29.16 2.43 0.00	26.95 2.28 0.00	27.99 2.35 0.00	34.00 2.94 0.00	37.43 3.30 -1.21	59.27 3.09 -26.79	43.10 3.19 -10.74	30.11 3.09 0.00	30.75 3.19 0.00	31.18 3.27 0.00	40.67 4.14 0.06	39.17 4.23 0.00	37.73 4.04 0.00	53.49 5.50 0.00	56.04 5.84 0.00	43.15 4.13 0.00	37.11 3.35 0.00	36.11 3.42 0.00	35.61 3.45 0.00	31.70 3.02 0.00	26.79 2.50 0.00
BURROWS___LYONSDAL 23803	33.92 -0.20 -0.95	29.65 -0.03 -0.09	17.42 -0.04 0.00	26.67 -0.06 0.00	24.58 -0.09 0.00	25.84 0.08 -0.12	31.65 0.23 -0.35	33.17 0.22 -0.03	29.73 0.13 -0.21	29.20 0.01 -0.02	19.44 -0.12 7.46	27.58 -0.13 -0.15	8.78 -0.22 18.91	1.66 -0.25 34.68	-0.52 -0.30 35.16	34.00 -0.46 -0.77	49.00 -0.49 -1.50	51.40 -0.32 -1.53	39.99 -0.02 -0.99	34.32 0.12 -0.45	33.33 0.51 -0.13	32.68 0.52 0.00	29.08 0.38 0.00	24.52 0.22 0.00
CAITHNESS_CC_1 323624	38.81 3.49 -2.15	38.92 3.05 -6.29	83.30 1.82 -64.03	35.85 2.71 -6.41	84.05 2.47 -56.90	49.57 2.52 -21.41	34.19 3.13 0.00	37.62 3.48 -1.22	60.41 3.15 -27.87	56.77 3.41 -24.19	85.44 3.42 -55.00	60.45 3.49 -29.40	73.23 3.60 -41.73	112.05 4.62 -70.85	145.21 4.49 -105.77	194.26 4.27 -156.30	179.61 5.82 -125.81	283.53 6.15 -227.19	138.81 4.50 -95.30	71.50 3.53 -34.22	155.02 3.61 -118.71	100.84 3.62 -65.06	31.76 3.07 0.00	43.89 2.61 -16.99
CALPINE BETH_PAGE_GT4 24209	38.32 2.99 -2.15	38.53 2.66 -6.29	83.07 1.60 -64.02	35.48 2.34 -6.41	83.72 2.15 -56.90	49.25 2.20 -21.40	33.81 2.75 0.00	37.18 3.04 -1.22	60.06 2.80 -27.87	54.56 2.99 -22.41	64.36 2.92 -34.42	59.78 2.99 -29.23	62.50 3.02 -31.57	66.50 3.86 -26.05	69.87 3.96 -30.96	62.62 3.77 -25.16	56.44 5.17 -3.28	62.04 5.42 -6.43	43.12 3.89 -0.21	36.99 3.01 -0.22	37.51 3.05 -1.76	40.86 3.06 -5.64	31.32 2.63 0.00	43.53 2.26 -16.98
CALPINE_BETH_PAGE_GT_4 323586	38.31 2.99 -2.15	38.53 2.66 -6.29	83.08 1.60 -64.03	35.48 2.34 -6.41	83.72 2.15 -56.90	49.26 2.21 -21.41	33.80 2.74 0.00	37.17 3.03 -1.22	60.06 2.80 -27.87	54.57 2.99 -22.41	64.36 2.92 -34.43	59.78 2.99 -29.23	62.50 3.02 -31.57	66.51 3.88 -26.05	69.86 3.96 -30.96	62.62 3.77 -25.16	56.44 5.16 -3.28	62.04 5.42 -6.43	43.11 3.88 -0.21	36.99 3.01 -0.22	37.51 3.05 -1.76	40.86 3.06 -5.64	31.32 2.63 0.00	43.53 2.26 -16.99
CALPINE_BP_GT1 23823	38.31 2.99 -2.15	38.53 2.66 -6.29	83.08 1.60 -64.03	35.48 2.34 -6.41	83.72 2.15 -56.90	49.26 2.21 -21.41	33.80 2.74 0.00	37.17 3.03 -1.22	60.06 2.80 -27.87	54.57 2.99 -22.41	64.36 2.92 -34.43	59.78 2.99 -29.23	62.50 3.02 -31.57	66.51 3.88 -26.05	69.86 3.96 -30.96	62.62 3.77 -25.16	56.44 5.16 -3.28	62.04 5.42 -6.43	43.11 3.88 -0.21	36.99 3.01 -0.22	37.51 3.05 -1.76	40.86 3.06 -5.64	31.32 2.63 0.00	43.53 2.26 -16.99
CALSPAN___DRP 24200	31.81 -1.36 0.00	28.27 -1.32 0.00	16.51 -0.94 0.00	25.21 -1.52 0.00	23.30 -1.37 0.00	24.35 -1.28 0.00	29.54 -1.52 0.00	31.19 -1.75 -0.02	27.50 -2.06 -0.17	27.34 -1.85 -0.02	25.75 -1.48 -0.21	26.18 -1.62 -0.24	26.56 -1.59 -0.25	32.71 -2.41 1.46	33.29 -2.14 -0.48	32.58 -1.75 -0.64	46.97 -2.24 -1.22	49.86 -2.97 -2.64	37.50 -2.33 -0.81	32.42 -1.70 -0.36	30.85 -1.94 -0.10	30.39 -1.77 0.00	27.46 -1.23 0.00	23.16 -1.13 0.00

CALVERTON___SOLAR 323806	38.93 3.61 -2.15	38.98 3.11 -6.29	83.34 1.86 -64.03	35.94 2.79 -6.41	84.14 2.57 -56.90	49.66 2.62 -21.41	34.28 3.22 0.00	37.75 3.60 -1.22	60.53 3.27 -27.87	56.93 3.56 -24.21	85.77 3.58 -55.18	60.63 3.67 -29.40	73.51 3.79 -41.81	112.73 4.91 -71.23	145.94 4.79 -106.20	195.64 4.54 -157.41	181.04 6.20 -126.85	286.61 6.62 -229.79	141.49 4.83 -97.63	72.36 3.79 -34.81	156.29 3.89 -119.71	101.62 3.89 -65.56	31.93 3.24 0.00	43.99 2.72 -16.99
CANDIGU_WT_PWR 323617	32.96 -0.58 -0.38	28.96 -0.68 -0.05	16.95 -0.50 0.00	25.92 -0.82 0.00	23.87 -0.81 0.00	25.03 -0.70 -0.09	30.59 -0.72 -0.26	32.16 -0.82 -0.06	28.87 -0.99 -0.46	28.32 -0.89 -0.04	26.88 -0.71 -0.58	27.40 -0.81 -0.65	27.72 -0.86 -0.67	35.75 -1.37 -0.53	35.36 -1.11 -1.52	34.46 -0.94 -1.70	50.10 -1.18 -3.29	52.15 -1.40 -3.35	40.01 -1.17 -2.16	33.99 -0.74 -0.97	32.05 -0.92 -0.27	31.41 -0.75 0.00	28.18 -0.50 0.00	23.74 -0.55 0.00
CARR STREET_E_SYR 24060	33.81 -0.35 -0.99	29.34 -0.38 -0.14	17.20 -0.26 0.00	26.30 -0.43 0.00	24.28 -0.40 0.00	25.49 -0.38 -0.23	31.34 -0.40 -0.68	32.52 -0.42 -0.02	29.11 -0.47 -0.20	28.76 -0.43 -0.02	25.82 -0.32 0.87	27.49 -0.33 -0.26	25.04 -0.38 2.49	32.11 -0.60 3.88	30.08 -0.52 4.35	33.94 -0.47 -0.73	48.77 -0.61 -1.40	50.89 -0.72 -1.42	39.39 -0.55 -0.92	33.69 -0.49 -0.41	32.25 -0.57 -0.12	31.70 -0.46 0.00	28.36 -0.33 0.00	23.95 -0.34 0.00
CARTHAGE___PAPER 23857	33.52 -1.10 -1.44	29.04 -0.74 -0.19	16.99 -0.47 0.00	26.00 -0.73 0.00	23.96 -0.71 0.00	25.48 -0.45 -0.30	31.53 -0.39 -0.86	32.53 -0.45 -0.07	29.43 -0.50 -0.54	28.43 -0.79 -0.05	14.20 -0.93 11.88	27.16 -0.92 -0.53	-3.63 -1.10 30.44	-21.54 -1.22 56.91	-23.38 -1.42 56.90	34.07 -1.61 -1.98	49.82 -2.01 -3.85	52.40 -1.71 -3.92	40.45 -1.10 -2.53	34.25 -0.65 -1.14	33.06 0.04 -0.32	32.20 0.04 0.00	28.62 -0.07 0.00	24.09 -0.20 0.00
CASSADAGA_WT_PWR 323784	32.50 -0.67 0.00	28.82 -0.77 0.00	16.84 -0.61 0.00	25.72 -1.01 0.00	23.75 -0.92 0.00	24.80 -0.84 0.00	30.31 -0.75 0.00	32.24 -0.71 -0.03	28.65 -0.96 -0.22	28.35 -0.84 -0.02	26.82 -0.47 -0.28	27.33 -0.54 -0.31	27.56 -0.67 -0.32	34.21 -1.20 1.18	34.80 -0.81 -0.66	33.88 -0.63 -0.82	48.87 -0.70 -1.58	51.58 -1.11 -2.50	39.09 -0.97 -1.04	33.66 -0.56 -0.47	31.94 -0.89 -0.13	31.44 -0.72 0.00	28.38 -0.31 0.00	23.81 -0.48 0.00
CE_DUNWOOD___DRP 24194	36.40 2.46 -0.77	32.09 2.19 -0.31	49.76 1.31 -31.00	28.66 1.93 0.00	26.47 1.80 0.00	27.48 1.85 0.00	33.37 2.31 0.00	36.79 2.58 -1.29	60.40 2.44 -28.57	43.15 2.52 -11.46	29.46 2.45 0.00	30.07 2.51 0.00	30.48 2.57 0.00	39.77 3.24 0.06	38.25 3.31 0.00	36.83 3.14 0.00	52.26 4.28 0.00	54.78 4.58 0.00	42.25 3.23 0.00	36.35 2.59 0.00	35.39 2.69 0.00	34.84 2.67 0.00	31.03 2.34 0.00	26.26 1.97 0.00
CE_MILLWOOD___DRP 24193	36.34 2.36 -0.80	32.02 2.11 -0.32	51.12 1.26 -32.41	28.58 1.85 0.00	26.41 1.74 0.00	27.41 1.77 0.00	33.28 2.22 0.00	36.75 2.48 -1.35	61.62 2.34 -29.89	43.58 2.42 -11.99	29.37 2.35 0.00	29.97 2.42 0.00	30.38 2.47 0.00	39.64 3.12 0.06	38.14 3.19 0.00	36.71 3.03 0.00	52.10 4.11 0.00	54.62 4.43 0.00	42.13 3.11 0.00	36.25 2.49 0.00	35.29 2.59 0.00	34.74 2.57 0.00	30.93 2.25 0.00	26.19 1.90 0.00
CE_NYC2_DRP 24202	36.53 2.64 -0.72	32.28 2.41 -0.29	47.98 1.46 -29.07	28.85 2.12 0.00	26.67 2.00 0.00	27.70 2.06 0.00	33.66 2.60 0.00	37.06 2.93 -1.21	58.94 2.76 -26.78	42.75 2.83 -10.74	30.65 2.79 -0.84	30.43 2.87 0.00	30.81 2.90 0.00	40.13 3.61 0.06	38.66 3.72 0.00	37.21 3.52 0.00	52.70 4.72 0.00	55.23 5.03 0.00	42.51 3.49 0.00	36.60 2.85 0.00	35.69 2.99 0.00	35.21 3.05 0.00	31.35 2.66 0.00	26.50 2.21 0.00
CE_NYC_DRP 24195	36.56 2.66 -0.72	32.28 2.40 -0.29	47.98 1.44 -29.08	28.83 2.10 0.00	26.64 1.97 0.00	27.67 2.03 0.00	33.60 2.55 0.00	37.00 2.87 -1.21	58.91 2.72 -26.79	42.74 2.82 -10.75	29.76 2.74 0.00	30.39 2.83 0.00	30.81 2.90 0.00	40.17 3.65 0.06	38.69 3.74 0.00	37.23 3.54 0.00	52.79 4.81 0.00	55.32 5.13 0.00	42.60 3.58 0.00	36.62 2.86 0.00	35.67 2.97 0.00	35.16 3.00 0.00	31.33 2.64 0.00	26.48 2.19 0.00
CHAFFEE___LFGE 323603	32.02 -1.15 0.00	28.43 -1.16 0.00	16.60 -0.86 0.00	25.35 -1.39 0.00	23.42 -1.25 0.00	24.49 -1.15 0.00	29.72 -1.34 0.00	31.38 -1.56 -0.03	27.77 -1.82 -0.20	27.56 -1.63 -0.02	25.97 -1.30 -0.25	26.43 -1.42 -0.29	26.79 -1.41 -0.29	33.08 -2.23 1.28	33.67 -1.87 -0.59	32.94 -1.50 -0.75	47.54 -1.89 -1.44	50.26 -2.63 -2.70	37.89 -2.08 -0.95	32.70 -1.48 -0.43	31.07 -1.74 -0.12	30.58 -1.59 0.00	27.66 -1.04 0.00	23.30 -0.99 0.00
CHATEAUG_35_KV_LOAD 355732	32.53 -0.64 0.00	28.82 -0.76 0.00	17.07 -0.39 0.00	26.20 -0.53 0.00	24.15 -0.52 0.00	25.13 -0.51 0.00	30.50 -0.57 0.00	32.44 -0.48 0.00	28.84 -0.55 0.00	28.29 -0.88 0.00	19.64 -1.22 6.15	26.43 -1.02 0.11	11.32 -1.28 15.31	-17.92 -1.45 53.06	-3.92 -1.82 37.04	31.87 -1.82 0.00	45.54 -2.44 0.00	48.06 -2.13 0.00	37.89 -1.13 0.00	32.99 -0.77 0.00	32.24 -0.46 0.00	31.69 -0.47 0.00	28.33 -0.36 0.00	23.98 -0.30 0.00
CHATEAUG_WT_PWR 323614	32.53 -0.64 0.00	28.80 -0.79 0.00	17.07 -0.39 0.00	26.25 -0.49 0.00	24.38 -0.29 0.00	25.33 -0.31 0.00	30.84 -0.22 0.00	33.01 0.09 0.00	29.25 -0.14 0.00	28.27 -0.90 0.00	22.33 -1.37 3.32	26.52 -0.98 0.06	18.21 -1.43 8.26	-6.63 -1.62 41.60	8.24 -2.30 24.41	31.24 -2.45 0.00	44.67 -3.31 0.00	47.62 -2.57 0.00	37.91 -1.12 0.00	33.11 -0.64 0.00	32.42 -0.28 0.00	31.92 -0.25 0.00	28.60 -0.09 0.00	24.25 -0.04 0.00
CHAT_HIGH_FALL_HYD 323578	32.53 -0.64 0.00	28.82 -0.76 0.00	17.07 -0.39 0.00	26.20 -0.53 0.00	24.15 -0.52 0.00	25.13 -0.51 0.00	30.50 -0.57 0.00	32.44 -0.48 0.00	28.84 -0.55 0.00	28.29 -0.88 0.00	19.64 -1.22 6.15	26.43 -1.02 0.11	11.32 -1.28 15.31	-17.92 -1.45 53.06	-3.92 -1.82 37.04	31.87 -1.82 0.00	45.54 -2.44 0.00	48.06 -2.13 0.00	37.89 -1.13 0.00	32.99 -0.77 0.00	32.24 -0.46 0.00	31.69 -0.47 0.00	28.33 -0.36 0.00	23.98 -0.30 0.00
CHAUTAUQUA___LFGE 323629	32.24 -0.93 0.00	28.62 -0.97 0.00	16.73 -0.73 0.00	25.55 -1.19 0.00	23.59 -1.08 0.00	24.66 -0.98 0.00	30.03 -1.03 0.00	31.81 -1.13 -0.03	28.19 -1.40 -0.20	27.88 -1.31 -0.02	26.35 -0.91 -0.25	26.87 -0.97 -0.28	27.15 -1.05 -0.29	33.56 -1.71 1.31	34.24 -1.30 -0.58	33.37 -1.07 -0.74	48.12 -1.31 -1.44	50.78 -1.79 -2.38	38.45 -1.52 -0.95	33.20 -0.98 -0.43	31.51 -1.31 -0.12	31.06 -1.10 0.00	28.02 -0.67 0.00	23.54 -0.75 0.00
CHERRYST_13_KV_LD 356241	36.68 2.79 -0.72	32.37 2.50 -0.29	48.04 1.50 -29.08	28.92 2.19 0.00	26.73 2.06 0.00	27.77 2.13 0.00	33.74 2.68 0.00	37.16 3.03 -1.21	59.05 2.87 -26.79	42.88 2.97 -10.75	29.90 2.89 0.00	30.54 2.98 0.00	30.96 3.05 0.00	40.38 3.86 0.06	38.89 3.94 0.00	37.43 3.74 0.00	53.06 5.07 0.00	55.60 5.40 0.00	42.79 3.77 0.00	36.77 3.01 0.00	35.79 3.10 0.00	35.28 3.12 0.00	31.43 2.74 0.00	26.56 2.27 0.00

CHESTROR_138KV_BK263 355645	34.14 2.00 1.03	30.95 1.77 0.41	-22.88 1.06 41.39	28.29 1.56 0.00	26.12 1.45 0.00	27.11 1.47 0.00	32.86 1.80 0.00	33.76 2.01 1.17	5.35 1.90 25.95	20.73 1.96 10.40	28.91 1.90 0.00	29.51 1.95 0.00	29.90 2.00 0.00	39.04 2.52 0.07	37.55 2.60 0.00	36.17 2.48 0.00	51.35 3.36 0.00	53.85 3.66 0.00	41.61 2.59 0.00	35.84 2.09 0.00	34.89 2.19 0.00	34.32 2.15 0.00	30.55 1.86 0.00	25.87 1.58 0.00
CH_MIDHUDSON___DRP 24192	35.74 2.46 -0.10	31.81 2.18 -0.04	22.88 1.27 -4.16	28.62 1.89 0.00	26.43 1.76 0.00	27.45 1.81 0.00	33.36 2.30 0.00	35.68 2.57 -0.19	35.82 2.41 -4.02	33.25 2.47 -1.61	29.39 2.38 0.00	30.00 2.45 0.00	30.41 2.50 0.00	39.69 3.16 0.06	38.13 3.19 0.00	36.72 3.03 0.00	52.18 4.19 0.00	54.73 4.53 0.00	42.29 3.27 0.00	36.41 2.65 0.00	35.41 2.72 0.00	34.80 2.64 0.00	30.97 2.28 0.00	26.20 1.91 0.00
CH_MISC_IPPS 23765	35.80 2.62 0.00	31.89 2.31 0.00	18.80 1.35 0.00	28.74 2.01 0.00	26.54 1.87 0.00	27.58 1.94 0.00	33.51 2.44 0.00	35.65 2.73 0.00	31.93 2.54 0.00	31.76 2.59 0.00	29.51 2.50 0.00	30.13 2.58 0.00	30.54 2.64 0.00	39.90 3.38 0.06	38.35 3.40 0.00	36.98 3.29 0.00	52.59 4.60 0.00	55.13 4.93 0.00	42.59 3.57 0.00	36.64 2.89 0.00	35.65 2.96 0.00	35.03 2.87 0.00	31.16 2.47 0.00	26.34 2.06 0.00
CH_RES_BVR_FALLS 23983	32.74 -0.43 0.00	29.25 -0.33 0.00	17.28 -0.18 0.00	26.48 -0.25 0.00	24.44 -0.23 0.00	25.42 -0.22 0.00	30.78 -0.28 0.00	32.42 -0.50 0.00	28.95 -0.44 0.00	28.65 -0.52 0.00	28.40 -0.61 -2.00	26.95 -0.64 -0.04	32.23 -0.65 -4.97	0.75 -0.75 35.09	28.29 -0.85 5.80	32.90 -0.78 0.00	46.93 -1.06 0.00	49.09 -1.11 0.00	38.16 -0.86 0.00	33.04 -0.71 0.00	32.23 -0.46 0.00	31.76 -0.40 0.00	28.36 -0.33 0.00	24.02 -0.27 0.00
CH_RES_NIAGARA 23895	30.43 -2.75 0.00	27.10 -2.48 0.00	15.83 -1.62 0.00	24.16 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.30 -2.76 0.00	29.78 -3.14 0.00	25.95 -3.44 0.00	25.96 -3.20 0.00	24.32 -2.69 0.00	24.67 -2.89 0.00	25.06 -2.84 0.01	29.76 -4.18 2.65	30.95 -3.84 0.15	30.39 -3.30 0.01	43.50 -4.48 0.00	38.18 -5.45 6.57	34.79 -4.21 0.03	30.45 -3.30 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.22 -2.47 0.00	22.18 -2.11 0.00
CH_RES_SYRACUSE 23985	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.25 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.12 -0.22 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.79 -0.13 0.58	33.66 -0.09 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.96 -0.21 0.00	28.54 -0.15 0.00	24.09 -0.20 0.00
CLINTON_WT_PWR 323605	32.53 -0.64 0.00	28.80 -0.79 0.00	17.07 -0.39 0.00	26.25 -0.49 0.00	24.38 -0.29 0.00	25.33 -0.31 0.00	30.84 -0.22 0.00	33.01 0.09 0.00	29.25 -0.14 0.00	28.27 -0.90 0.00	22.33 -1.37 3.32	26.52 -0.98 0.06	18.21 -1.43 8.26	-6.63 -1.62 41.60	8.24 -2.30 24.41	31.24 -2.45 0.00	44.67 -3.31 0.00	47.62 -2.57 0.00	37.91 -1.12 0.00	33.11 -0.64 0.00	32.42 -0.28 0.00	31.92 -0.25 0.00	28.60 -0.09 0.00	24.25 -0.04 0.00
CLINTON___LFGE 323618	32.94 -0.24 0.00	29.14 -0.45 0.00	17.24 -0.21 0.00	26.52 -0.21 0.00	24.56 -0.12 0.00	25.51 -0.12 0.00	31.08 0.02 0.00	33.20 0.28 0.00	29.48 0.09 0.00	28.69 -0.48 0.00	22.31 -0.92 3.78	26.88 -0.61 0.07	17.59 -0.92 9.40	-7.94 -1.08 43.45	6.92 -1.58 26.45	31.98 -1.71 0.00	45.63 -2.36 0.00	48.44 -1.76 0.00	38.38 -0.64 0.00	33.49 -0.26 0.00	32.72 0.02 0.00	32.19 0.03 0.00	28.79 0.10 0.00	24.38 0.09 0.00
COBBLENY_34_KV_TB1 80064	32.02 -1.16 0.00	28.43 -1.16 0.00	16.60 -0.86 0.00	25.35 -1.38 0.00	23.42 -1.25 0.00	24.49 -1.14 0.00	29.72 -1.35 0.00	31.39 -1.55 -0.03	27.74 -1.86 -0.20	27.54 -1.65 -0.02	25.96 -1.31 -0.25	26.40 -1.44 -0.29	26.77 -1.43 -0.29	33.15 -2.17 1.28	33.65 -1.89 -0.59	32.93 -1.50 -0.75	47.52 -1.91 -1.44	50.25 -2.65 -2.70	37.87 -2.10 -0.95	32.69 -1.50 -0.43	31.07 -1.75 -0.12	30.58 -1.58 0.00	27.65 -1.04 0.00	23.30 -0.99 0.00
COFFEEN___115KV_TB3 355620	33.78 -1.07 -1.67	29.09 -0.72 -0.22	16.96 -0.50 0.00	25.93 -0.81 0.00	23.90 -0.76 0.00	25.51 -0.49 -0.36	31.68 -0.44 -1.05	32.54 -0.46 -0.08	29.54 -0.51 -0.66	28.47 -0.76 -0.06	16.53 -0.87 9.61	27.47 -0.83 -0.74	1.79 -1.12 25.00	-11.03 -1.13 46.49	-13.07 -1.45 46.56	34.50 -1.62 -2.43	50.77 -1.92 -4.70	53.42 -1.57 -4.79	41.05 -1.07 -3.10	34.60 -0.55 -1.40	33.25 0.17 -0.39	32.31 0.14 0.00	28.70 0.01 0.00	24.11 -0.18 0.00
COLDSPRG_115KV_BK1 355956	32.89 -0.29 0.00	29.15 -0.43 0.00	17.02 -0.44 0.00	26.03 -0.70 0.00	24.03 -0.64 0.00	25.13 -0.51 0.00	30.65 -0.41 0.00	32.56 -0.39 -0.03	28.92 -0.72 -0.25	28.68 -0.51 -0.02	27.07 -0.26 -0.32	27.54 -0.38 -0.36	27.79 -0.48 -0.37	34.84 -0.78 0.96	35.17 -0.54 -0.77	34.27 -0.35 -0.94	49.52 -0.27 -1.81	52.20 -0.68 -2.68	39.48 -0.73 -1.19	33.85 -0.44 -0.53	32.10 -0.75 -0.15	31.65 -0.51 0.00	28.52 -0.17 0.00	23.96 -0.33 0.00
COLONIE_LFGE___ 323577	34.86 1.57 -0.12	31.06 1.43 -0.05	23.14 0.81 -4.88	28.02 1.28 0.00	25.87 1.20 0.00	26.86 1.22 0.00	32.61 1.54 0.00	34.78 1.66 -0.20	35.34 1.48 -4.47	32.37 1.41 -1.79	28.22 1.20 0.00	28.76 1.21 0.00	29.13 1.22 0.00	38.11 1.52 0.00	36.30 1.35 0.00	34.89 1.20 0.00	49.82 1.83 0.00	52.27 2.07 0.00	40.75 1.73 0.00	35.31 1.56 0.00	34.31 1.61 0.00	33.60 1.43 0.00	29.89 1.20 0.00	25.45 1.16 0.00
COOPERNY_115KV_TB1 80082	34.22 1.33 0.28	30.64 1.17 0.11	6.89 0.71 11.28	27.76 1.03 0.00	25.63 0.96 0.00	26.64 0.99 0.00	32.33 1.27 0.00	33.89 1.42 0.45	20.53 1.34 10.21	26.44 1.40 4.14	28.55 1.37 -0.16	29.15 1.41 -0.18	29.53 1.44 -0.19	38.80 1.81 -0.40	37.25 1.87 -0.44	35.95 1.78 -0.48	51.33 2.42 -0.92	53.76 2.63 -0.94	41.49 1.86 -0.60	35.49 1.46 -0.27	33.82 1.05 -0.08	33.19 1.03 0.00	29.57 0.88 0.00	25.02 0.73 0.00
COPENHAGEN_WT_PWR 323753	33.48 -1.43 -1.74	28.81 -1.01 -0.23	16.82 -0.64 0.00	25.70 -1.03 0.00	23.69 -0.98 0.00	25.34 -0.68 -0.38	31.53 -0.64 -1.10	32.34 -0.67 -0.09	29.39 -0.69 -0.69	28.27 -0.96 -0.06	16.95 -1.05 9.01	27.30 -1.05 -0.79	3.04 -1.32 23.55	-8.61 -1.49 43.71	-10.60 -1.74 43.81	34.32 -1.92 -2.55	50.58 -2.34 -4.93	53.16 -2.06 -5.03	40.86 -1.41 -3.25	34.34 -0.88 -1.47	32.98 -0.13 -0.41	32.02 -0.15 0.00	28.48 -0.20 0.00	23.96 -0.33 0.00
CORNELL_____ 23752	34.78 0.68 -0.94	30.22 0.50 -0.13	17.70 0.24 0.00	27.06 0.33 0.00	24.95 0.28 0.00	26.21 0.35 -0.22	32.22 0.51 -0.65	33.69 0.65 -0.12	30.82 0.48 -0.94	29.70 0.44 -0.08	28.59 0.40 -1.18	29.26 0.38 -1.33	29.69 0.40 -1.38	40.12 0.43 -3.10	38.65 0.49 -3.21	37.71 0.55 -3.47	55.56 0.87 -6.70	58.08 1.06 -6.82	44.29 0.86 -4.41	36.65 0.90 -1.99	33.99 0.74 -0.56	32.81 0.64 0.00	29.24 0.55 0.00	24.63 0.34 0.00

CORONA__69_KV_TB1 355595	38.50 3.18 -2.15	38.75 2.88 -6.29	83.21 1.73 -64.02	35.70 2.56 -6.41	83.95 2.38 -56.90	49.48 2.44 -21.40	34.05 2.99 0.00	37.40 3.26 -1.22	60.24 2.98 -27.87	54.65 3.10 -22.38	64.10 2.97 -34.11	59.83 3.04 -29.23	62.43 3.11 -31.42	65.89 3.93 -25.37	68.61 4.03 -29.63	60.72 3.85 -23.19	54.70 5.27 -1.44	59.60 5.62 -3.78	43.24 4.01 -0.21	36.93 3.17 0.00	35.97 3.28 0.00	40.22 3.31 -4.74	31.58 2.89 0.00	43.73 2.46 -16.98
CORTLAND__115KV_TB3 80093	34.60 0.48 -0.94	30.07 0.35 -0.13	17.62 0.16 0.00	26.95 0.22 0.00	24.86 0.19 0.00	26.11 0.25 -0.22	32.09 0.39 -0.64	33.56 0.52 -0.12	30.72 0.37 -0.96	29.61 0.35 -0.09	27.67 0.34 -0.31	29.24 0.34 -1.34	27.45 0.34 0.80	36.49 0.33 0.43	34.68 0.44 0.71	37.68 0.45 -3.55	55.49 0.66 -6.84	57.96 0.80 -6.97	44.15 0.63 -4.50	36.45 0.66 -2.03	33.80 0.54 -0.57	32.64 0.48 0.00	29.10 0.41 0.00	24.53 0.24 0.00
COXSACKIE__GT 23611	36.01 2.84 0.00	32.10 2.51 0.00	18.93 1.48 0.00	29.00 2.27 0.00	26.78 2.11 0.00	27.81 2.17 0.00	33.69 2.62 0.00	35.60 2.68 0.00	31.80 2.41 0.00	31.19 2.02 0.00	28.53 1.52 0.00	29.07 1.52 0.00	29.42 1.52 0.00	38.46 1.92 0.05	36.99 2.04 0.00	35.51 1.82 0.00	50.94 2.96 0.00	53.51 3.32 0.00	42.15 3.13 0.00	36.80 3.04 0.00	35.68 2.98 0.00	34.95 2.79 0.00	30.99 2.30 0.00	26.27 1.98 0.00
CPV_VALLEY__CC1 323721	34.31 1.56 0.42	30.81 1.39 0.17	1.32 0.84 16.98	27.96 1.23 0.00	25.82 1.15 0.00	26.82 1.19 0.00	32.56 1.51 0.00	33.89 1.70 0.73	14.94 1.61 16.06	24.41 1.68 6.44	28.65 1.63 0.00	29.23 1.68 0.00	29.62 1.72 0.00	38.68 2.17 0.07	37.18 2.24 0.00	35.81 2.12 0.00	50.85 2.86 0.00	53.30 3.11 0.00	41.19 2.17 0.00	35.41 1.63 -0.03	33.52 0.75 -0.08	32.88 0.72 0.00	29.30 0.61 0.00	24.80 0.51 0.00
CPV_VALLEY__CC2 323722	34.31 1.56 0.42	30.81 1.39 0.17	1.32 0.84 16.98	27.96 1.23 0.00	25.82 1.15 0.00	26.82 1.19 0.00	32.56 1.51 0.00	33.89 1.70 0.73	14.94 1.61 16.06	24.41 1.68 6.44	28.65 1.63 0.00	29.23 1.68 0.00	29.62 1.72 0.00	38.68 2.17 0.07	37.18 2.24 0.00	35.81 2.12 0.00	50.85 2.86 0.00	53.30 3.11 0.00	41.19 2.17 0.00	35.41 1.63 -0.03	33.52 0.75 -0.08	32.88 0.72 0.00	29.30 0.61 0.00	24.80 0.51 0.00
CRESCENT__HYD 24018	34.86 1.57 -0.12	31.06 1.43 -0.05	23.14 0.81 -4.88	28.02 1.28 0.00	25.87 1.20 0.00	26.86 1.22 0.00	32.61 1.54 0.00	34.78 1.66 -0.20	35.34 1.48 -4.47	32.37 1.41 -1.79	28.22 1.20 0.00	28.76 1.21 0.00	29.13 1.22 0.00	38.11 1.52 0.00	36.30 1.35 0.00	34.89 1.20 0.00	49.82 1.83 0.00	52.27 2.07 0.00	40.75 1.73 0.00	35.31 1.56 0.00	34.31 1.61 0.00	33.60 1.43 0.00	29.89 1.20 0.00	25.45 1.16 0.00
CRICKET__VALLEY_CC1 323756	35.59 2.12 -0.30	31.58 1.87 -0.12	30.50 1.05 -11.99	28.32 1.59 0.00	26.16 1.49 0.00	27.16 1.52 0.00	33.02 1.96 0.00	35.60 2.19 -0.50	42.48 2.08 -11.01	35.70 2.12 -4.42	29.00 1.98 0.00	29.57 2.02 0.00	29.95 2.04 0.00	39.09 2.57 0.06	37.46 2.52 0.00	36.05 2.36 0.00	51.33 3.34 0.00	53.84 3.65 0.00	41.70 2.68 0.00	35.90 2.15 0.00	34.93 2.24 0.00	34.27 2.11 0.00	30.52 1.83 0.00	25.88 1.60 0.00
CRICKET__VALLEY_CC2 323757	35.59 2.12 -0.30	31.58 1.87 -0.12	30.50 1.05 -11.99	28.32 1.59 0.00	26.16 1.49 0.00	27.16 1.52 0.00	33.02 1.96 0.00	35.60 2.19 -0.50	42.48 2.08 -11.01	35.70 2.12 -4.42	29.00 1.98 0.00	29.57 2.02 0.00	29.95 2.04 0.00	39.09 2.57 0.06	37.46 2.52 0.00	36.05 2.36 0.00	51.33 3.34 0.00	53.84 3.65 0.00	41.70 2.68 0.00	35.90 2.15 0.00	34.93 2.24 0.00	34.27 2.11 0.00	30.52 1.83 0.00	25.88 1.60 0.00
CRICKET__VALLEY_CC3 323758	35.59 2.12 -0.30	31.58 1.87 -0.12	30.50 1.05 -11.99	28.32 1.59 0.00	26.16 1.49 0.00	27.16 1.52 0.00	33.02 1.96 0.00	35.60 2.19 -0.50	42.48 2.08 -11.01	35.70 2.12 -4.42	29.00 1.98 0.00	29.57 2.02 0.00	29.95 2.04 0.00	39.09 2.57 0.06	37.46 2.52 0.00	36.05 2.36 0.00	51.33 3.34 0.00	53.84 3.65 0.00	41.70 2.68 0.00	35.90 2.15 0.00	34.93 2.24 0.00	34.27 2.11 0.00	30.52 1.83 0.00	25.88 1.60 0.00
CRUCIBLE__METL_DRP 24180	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.24 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.11 -0.23 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.80 -0.21 0.58	33.65 -0.14 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.95 -0.21 0.00	28.53 -0.16 0.00	24.09 -0.20 0.00
DAHOWA__HYDRO 323763	35.41 2.12 -0.11	31.44 1.81 -0.05	23.00 0.98 -4.57	28.30 1.57 0.00	26.17 1.50 0.00	27.19 1.55 0.00	33.08 2.02 0.00	35.27 2.16 -0.19	35.43 1.86 -4.18	32.58 1.74 -1.68	28.37 1.36 0.00	28.94 1.39 0.00	29.29 1.38 0.00	38.34 1.75 0.00	36.55 1.60 0.00	35.21 1.52 0.00	50.25 2.26 0.00	52.87 2.67 0.00	41.47 2.45 0.00	35.91 2.15 0.00	34.95 2.26 0.00	34.20 2.03 0.00	30.29 1.60 0.00	25.81 1.52 0.00
DANC__LFGE 323619	34.04 -1.21 -2.08	28.93 -0.94 -0.29	16.85 -0.60 0.00	25.78 -0.95 0.00	23.78 -0.90 0.00	25.40 -0.71 -0.47	31.72 -0.73 -1.38	32.28 -0.75 -0.11	29.49 -0.77 -0.87	28.32 -0.93 -0.08	20.38 -0.94 5.69	27.71 -0.95 -1.10	11.21 -1.11 15.58	6.80 -1.34 28.45	4.83 -1.44 28.68	35.41 -1.49 -3.20	52.30 -1.88 -6.19	54.77 -1.72 -6.31	41.88 -1.22 -4.08	34.75 -0.84 -1.84	32.82 -0.39 -0.52	31.78 -0.38 0.00	28.30 -0.39 0.00	23.84 -0.45 0.00
DANSKAMMER__1 23586	35.80 2.62 0.00	31.89 2.31 0.00	18.80 1.35 0.00	28.74 2.01 0.00	26.54 1.87 0.00	27.58 1.94 0.00	33.51 2.44 0.00	35.65 2.73 0.00	31.93 2.54 0.00	31.76 2.59 0.00	29.51 2.50 0.00	30.13 2.58 0.00	30.54 2.64 0.00	39.90 3.38 0.06	38.35 3.40 0.00	36.98 3.29 0.00	52.59 4.60 0.00	55.13 4.93 0.00	42.59 3.57 0.00	36.64 2.89 0.00	35.65 2.96 0.00	35.03 2.87 0.00	31.16 2.47 0.00	26.34 2.06 0.00
DANSKAMMER__2 23589	35.80 2.62 0.00	31.89 2.31 0.00	18.80 1.35 0.00	28.74 2.01 0.00	26.54 1.87 0.00	27.58 1.94 0.00	33.51 2.44 0.00	35.65 2.73 0.00	31.93 2.54 0.00	31.76 2.59 0.00	29.51 2.50 0.00	30.13 2.58 0.00	30.54 2.64 0.00	39.90 3.38 0.06	38.35 3.40 0.00	36.98 3.29 0.00	52.59 4.60 0.00	55.13 4.93 0.00	42.59 3.57 0.00	36.64 2.89 0.00	35.65 2.96 0.00	35.03 2.87 0.00	31.16 2.47 0.00	26.34 2.06 0.00
DANSKAMMER__3 23590	35.80 2.62 0.00	31.89 2.31 0.00	18.80 1.35 0.00	28.74 2.01 0.00	26.54 1.87 0.00	27.58 1.94 0.00	33.51 2.44 0.00	35.65 2.73 0.00	31.93 2.54 0.00	31.76 2.59 0.00	29.51 2.50 0.00	30.13 2.58 0.00	30.54 2.64 0.00	39.90 3.38 0.06	38.35 3.40 0.00	36.98 3.29 0.00	52.59 4.60 0.00	55.13 4.93 0.00	42.59 3.57 0.00	36.64 2.89 0.00	35.65 2.96 0.00	35.03 2.87 0.00	31.16 2.47 0.00	26.34 2.06 0.00

DANSKAMMER___4 23591	35.80 2.62 0.00	31.89 2.31 0.00	18.80 1.35 0.00	28.74 2.01 0.00	26.54 1.87 0.00	27.58 1.94 0.00	33.51 2.44 0.00	35.65 2.73 0.00	31.93 2.54 0.00	31.76 2.59 0.00	29.51 2.50 0.00	30.13 2.58 0.00	30.54 2.64 0.00	39.90 3.38 0.06	38.35 3.40 0.00	36.98 3.29 0.00	52.59 4.60 0.00	55.13 4.93 0.00	42.59 3.57 0.00	36.64 2.89 0.00	35.65 2.96 0.00	35.03 2.87 0.00	31.16 2.47 0.00	26.34 2.06 0.00
DANSKAMMER___DIESEL 23592	35.80 2.62 0.00	31.89 2.31 0.00	18.81 1.35 0.00	28.74 2.01 0.00	26.54 1.87 0.00	27.57 1.93 0.00	33.51 2.44 0.00	35.66 2.74 0.00	31.93 2.54 0.00	31.76 2.59 0.00	29.51 2.50 0.00	30.14 2.58 0.00	30.55 2.64 0.00	39.89 3.37 0.06	38.35 3.40 0.00	36.98 3.29 0.00	52.59 4.60 0.00	55.12 4.93 0.00	42.59 3.57 0.00	36.65 2.89 0.00	35.65 2.96 0.00	35.03 2.87 0.00	31.16 2.47 0.00	26.34 2.06 0.00
DARBY___SOLAR 323810	35.28 1.99 -0.11	31.35 1.71 -0.05	23.00 0.93 -4.61	28.23 1.49 0.00	26.09 1.42 0.00	27.10 1.46 0.00	32.96 1.90 0.00	35.14 2.03 -0.19	35.36 1.74 -4.23	32.48 1.62 -1.70	28.29 1.27 0.00	28.85 1.29 0.00	29.20 1.29 0.00	38.21 1.62 0.00	36.44 1.49 0.00	35.10 1.41 0.00	50.12 2.13 0.00	52.68 2.49 0.00	41.28 2.26 0.00	35.75 2.00 0.00	34.80 2.10 0.00	34.06 1.89 0.00	30.20 1.51 0.00	25.72 1.43 0.00
DASHVILLE___HYD 23610	35.40 2.23 0.00	31.55 1.96 0.00	18.60 1.15 0.00	28.43 1.70 0.00	26.26 1.59 0.00	27.27 1.63 0.00	33.14 2.08 0.00	35.27 2.36 0.00	31.66 2.27 0.00	31.54 2.37 0.00	29.35 2.33 0.00	29.99 2.44 0.00	30.37 2.46 0.00	39.64 3.11 0.06	38.12 3.18 0.00	36.73 3.04 0.00	52.12 4.14 0.00	54.61 4.42 0.00	42.10 3.08 0.00	36.20 2.44 0.00	35.27 2.58 0.00	34.71 2.55 0.00	30.92 2.23 0.00	26.13 1.85 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.41 4.08 -2.15	39.24 3.37 -6.29	83.58 2.10 -64.02	36.42 3.27 -6.41	84.72 3.15 -56.90	50.17 3.13 -21.40	34.72 3.66 0.00	38.36 4.22 -1.22	61.19 3.93 -27.87	57.70 4.33 -24.21	86.67 4.41 -55.24	61.45 4.49 -29.40	74.36 4.61 -41.85	114.03 6.06 -71.38	147.30 5.99 -106.36	197.23 5.68 -157.86	183.08 7.82 -127.27	289.41 8.33 -230.89	143.65 5.96 -98.67	73.37 4.54 -35.07	157.48 4.68 -120.11	102.64 4.70 -65.77	32.68 3.99 0.00	44.46 3.19 -16.98
DELAWARE___LFGE 323621	34.60 1.13 -0.30	30.61 0.98 -0.04	18.03 0.58 0.00	27.58 0.85 0.00	25.44 0.77 0.00	26.52 0.82 -0.07	32.30 1.03 -0.21	34.13 1.16 -0.05	30.85 1.05 -0.41	30.28 1.08 -0.04	28.57 1.05 -0.51	29.20 1.07 -0.57	29.58 1.08 -0.59	39.16 1.29 -1.27	37.64 1.31 -1.38	36.48 1.30 -1.50	52.64 1.77 -2.89	55.05 1.92 -2.94	42.35 1.44 -1.90	35.84 1.23 -0.86	34.00 1.07 -0.24	33.20 1.04 0.00	29.60 0.91 0.00	25.00 0.72 0.00
DERFIELD_115KV_TB7 355931	33.37 0.20 0.00	29.81 0.22 0.00	17.60 0.14 0.00	26.95 0.21 0.00	24.87 0.20 0.00	25.84 0.21 0.00	31.32 0.26 0.00	33.21 0.29 0.00	29.65 0.26 0.00	29.43 0.26 0.00	26.34 0.24 0.92	27.79 0.25 0.02	25.88 0.25 2.28	34.41 0.28 2.46	31.57 0.29 3.67	33.94 0.25 0.00	48.37 0.38 0.00	50.59 0.40 0.00	39.33 0.31 0.00	34.03 0.28 0.00	32.97 0.27 0.00	32.42 0.26 0.00	28.91 0.22 0.00	24.49 0.20 0.00
DOGLEVILLE___HYD 23807	34.19 1.02 0.00	30.53 0.95 0.00	18.00 0.54 0.00	27.57 0.84 0.00	25.45 0.78 0.00	26.46 0.82 0.00	32.01 0.96 0.00	33.74 0.82 0.00	29.83 0.43 0.00	29.52 0.34 0.00	26.29 0.19 0.92	27.77 0.23 0.02	25.94 0.32 2.28	34.47 0.34 2.46	31.63 0.35 3.67	33.85 0.16 0.00	48.31 0.32 0.00	50.82 0.63 0.00	39.92 0.90 0.00	34.87 1.12 0.00	33.87 1.17 0.00	33.32 1.15 0.00	29.55 0.85 0.00	25.02 0.73 0.00
DUNKIRK___115KV_TB_200 55889	32.20 -0.97 0.00	28.58 -1.01 0.00	16.70 -0.75 0.00	25.51 -1.22 0.00	23.55 -1.12 0.00	24.63 -1.01 0.00	29.97 -1.09 0.00	31.75 -1.19 -0.03	28.10 -1.49 -0.20	27.82 -1.37 -0.02	26.29 -0.98 -0.25	26.79 -1.05 -0.28	27.09 -1.11 -0.29	33.54 -1.73 1.33	34.14 -1.38 -0.58	33.29 -1.14 -0.74	48.00 -1.41 -1.42	50.66 -1.90 -2.37	38.36 -1.59 -0.94	33.12 -1.06 -0.42	31.44 -1.38 -0.12	31.00 -1.17 0.00	27.95 -0.74 0.00	23.49 -0.80 0.00
DUNKIRK___1 23563	32.20 -0.97 0.00	28.58 -1.01 0.00	16.70 -0.75 0.00	25.51 -1.22 0.00	23.55 -1.12 0.00	24.63 -1.01 0.00	29.97 -1.09 0.00	31.75 -1.19 -0.03	28.10 -1.49 -0.20	27.82 -1.37 -0.02	26.29 -0.98 -0.25	26.79 -1.05 -0.28	27.09 -1.11 -0.29	33.54 -1.73 1.33	34.14 -1.38 -0.58	33.29 -1.14 -0.74	48.00 -1.41 -1.42	50.66 -1.90 -2.37	38.36 -1.59 -0.94	33.12 -1.06 -0.42	31.44 -1.38 -0.12	31.00 -1.17 0.00	27.95 -0.74 0.00	23.49 -0.80 0.00
DUNKIRK___2 23564	32.20 -0.97 0.00	28.58 -1.01 0.00	16.70 -0.75 0.00	25.51 -1.22 0.00	23.55 -1.12 0.00	24.63 -1.01 0.00	29.97 -1.09 0.00	31.75 -1.19 -0.03	28.10 -1.49 -0.20	27.82 -1.37 -0.02	26.29 -0.98 -0.25	26.79 -1.05 -0.28	27.09 -1.11 -0.29	33.54 -1.73 1.33	34.14 -1.38 -0.58	33.29 -1.14 -0.74	48.00 -1.41 -1.42	50.66 -1.90 -2.37	38.36 -1.59 -0.94	33.12 -1.06 -0.42	31.44 -1.38 -0.12	31.00 -1.17 0.00	27.95 -0.74 0.00	23.49 -0.80 0.00
DUNKIRK___3 23565	32.05 -1.13 0.00	28.45 -1.14 0.00	16.63 -0.83 0.00	25.39 -1.34 0.00	23.45 -1.22 0.00	24.52 -1.12 0.00	29.81 -1.25 0.00	31.54 -1.40 -0.02	27.90 -1.68 -0.20	27.65 -1.54 -0.02	26.11 -1.15 -0.24	26.59 -1.25 -0.28	26.91 -1.28 -0.28	33.26 -1.96 1.37	33.88 -1.63 -0.56	33.05 -1.35 -0.72	47.66 -1.71 -1.39	50.17 -2.25 -2.23	38.08 -1.86 -0.92	32.86 -1.31 -0.41	31.21 -1.60 -0.12	30.77 -1.39 0.00	27.76 -0.93 0.00	23.35 -0.94 0.00
DUNKIRK___4 23566	32.05 -1.13 0.00	28.45 -1.14 0.00	16.63 -0.83 0.00	25.39 -1.34 0.00	23.45 -1.22 0.00	24.52 -1.12 0.00	29.81 -1.25 0.00	31.54 -1.40 -0.02	27.90 -1.68 -0.20	27.65 -1.54 -0.02	26.11 -1.15 -0.24	26.59 -1.25 -0.28	26.91 -1.28 -0.28	33.26 -1.96 1.37	33.88 -1.63 -0.56	33.05 -1.35 -0.72	47.66 -1.71 -1.39	50.17 -2.25 -2.23	38.08 -1.86 -0.92	32.86 -1.31 -0.41	31.21 -1.60 -0.12	30.77 -1.39 0.00	27.76 -0.93 0.00	23.35 -0.94 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.44 2.55 -0.72	32.16 2.29 -0.29	47.86 1.36 -29.04	28.74 2.01 0.00	26.54 1.87 0.00	27.56 1.92 0.00	33.47 2.41 0.00	36.83 2.70 -1.21	58.69 2.54 -26.76	42.53 2.63 -10.73	29.56 2.55 0.00	30.18 2.62 0.00	30.59 2.68 0.00	39.90 3.38 0.06	38.39 3.45 0.00	36.96 3.27 0.00	52.45 4.46 0.00	54.96 4.76 0.00	42.37 3.35 0.00	36.44 2.69 0.00	35.48 2.79 0.00	34.95 2.78 0.00	31.12 2.43 0.00	26.34 2.05 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.13 2.22 0.26	31.43 1.95 0.10	8.12 1.15 10.48	28.44 1.71 0.00	26.26 1.59 0.00	27.28 1.64 0.00	33.15 2.09 0.00	34.87 2.33 0.38	22.89 2.19 8.69	27.92 2.25 3.50	29.19 2.18 0.00	29.80 2.24 0.00	30.20 2.29 0.00	39.44 2.92 0.07	37.93 2.99 0.00	36.55 2.86 0.00	51.92 3.93 0.00	54.44 4.24 0.00	42.05 3.03 0.00	36.21 2.45 0.00	35.29 2.59 0.00	34.70 2.54 0.00	30.88 2.19 0.00	26.12 1.83 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	36.50 2.61 -0.72	32.22 2.35 -0.29	47.93 1.41 -29.07	28.76 2.03 0.00	26.60 1.93 0.00	27.62 1.98 0.00	33.55 2.49 0.00	36.94 2.81 -1.21	58.82 2.64 -26.78	42.64 2.72 -10.74	29.66 2.65 0.00	30.28 2.72 0.00	30.68 2.77 0.00	39.98 3.45 0.06	38.54 3.59 0.00	37.10 3.41 0.00	52.55 4.57 0.00	55.12 4.93 0.00	42.47 3.45 0.00	36.59 2.83 0.00	35.65 2.96 0.00	35.14 2.98 0.00	31.27 2.58 0.00	26.44 2.15 0.00
E179THST_13_KV_LOAD 356214	36.74 2.85 -0.72	32.43 2.55 -0.29	48.05 1.52 -29.07	28.94 2.20 0.00	26.75 2.08 0.00	27.79 2.15 0.00	33.76 2.69 0.00	37.16 3.03 -1.21	59.02 2.85 -26.78	42.83 2.92 -10.74	29.85 2.84 0.00	30.48 2.92 0.00	30.88 2.97 0.00	40.25 3.72 0.06	38.80 3.85 0.00	37.35 3.66 0.00	52.91 4.93 0.00	55.48 5.29 0.00	42.76 3.74 0.00	36.84 3.08 0.00	35.89 3.19 0.00	35.37 3.20 0.00	31.47 2.78 0.00	26.60 2.31 0.00
EAST HAMPTON___GT 23717	39.44 4.11 -2.15	39.09 3.21 -6.29	83.62 2.14 -64.03	36.64 3.50 -6.41	85.12 3.54 -56.90	50.49 3.44 -21.41	34.81 3.75 0.00	38.61 4.47 -1.22	61.49 4.22 -27.87	58.02 4.64 -24.21	87.10 4.84 -55.25	61.84 4.88 -29.40	74.69 4.94 -41.85	114.54 6.56 -71.39	147.84 6.52 -106.36	197.69 6.11 -157.89	183.68 8.39 -127.30	290.08 8.92 -230.96	143.99 6.23 -98.75	73.35 4.50 -35.09	157.66 4.84 -120.13	102.94 4.99 -65.78	33.05 4.35 0.00	44.61 3.34 -16.99
EAST RIVER___6 23660	36.50 2.61 -0.72	32.24 2.36 -0.29	47.95 1.42 -29.08	28.78 2.05 0.00	26.61 1.94 0.00	27.65 2.01 0.00	33.56 2.50 0.00	36.98 2.85 -1.21	58.89 2.70 -26.79	42.79 2.87 -10.75	29.82 2.80 0.00	30.43 2.88 0.00	30.83 2.92 0.00	40.22 3.69 0.06	38.71 3.77 0.00	37.27 3.58 0.00	52.81 4.83 0.00	55.32 5.13 0.00	42.59 3.57 0.00	36.60 2.85 0.00	35.66 2.97 0.00	35.17 3.01 0.00	31.33 2.64 0.00	26.48 2.19 0.00
EAST RIVER___7 23524	36.50 2.61 -0.72	32.24 2.36 -0.29	47.95 1.42 -29.08	28.78 2.05 0.00	26.61 1.94 0.00	27.65 2.01 0.00	33.56 2.50 0.00	36.98 2.85 -1.21	58.89 2.70 -26.79	42.79 2.87 -10.75	29.82 2.80 0.00	30.43 2.88 0.00	30.83 2.92 0.00	40.22 3.69 0.06	38.71 3.77 0.00	37.27 3.58 0.00	52.81 4.83 0.00	55.32 5.13 0.00	42.59 3.57 0.00	36.60 2.85 0.00	35.66 2.97 0.00	35.17 3.01 0.00	31.33 2.64 0.00	26.48 2.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	36.40 2.46 -0.77	32.09 2.19 -0.31	49.76 1.31 -31.00	28.66 1.93 0.00	26.47 1.80 0.00	27.48 1.85 0.00	33.37 2.31 0.00	36.79 2.58 -1.29	60.40 2.44 -28.57	43.15 2.52 -11.46	29.46 2.45 0.00	30.07 2.51 0.00	30.48 2.57 0.00	39.77 3.24 0.06	38.25 3.31 0.00	36.83 3.14 0.00	52.26 4.28 0.00	54.78 4.58 0.00	42.25 3.23 0.00	36.35 2.59 0.00	35.39 2.69 0.00	34.84 2.67 0.00	31.03 2.34 0.00	26.26 1.97 0.00
EAST_HAMPTON___DIESEL 23722	39.38 4.05 -2.15	39.01 3.13 -6.29	83.59 2.11 -64.03	36.62 3.47 -6.41	85.11 3.54 -56.90	50.47 3.42 -21.41	34.76 3.70 0.00	38.57 4.43 -1.22	61.49 4.22 -27.87	58.03 4.65 -24.21	87.12 4.86 -55.25	61.86 4.90 -29.40	74.71 4.95 -41.85	114.56 6.58 -71.39	147.86 6.55 -106.37	197.72 6.14 -157.89	183.70 8.42 -127.30	290.10 8.94 -230.96	143.98 6.22 -98.75	73.31 4.47 -35.09	157.62 4.80 -120.13	102.92 4.98 -65.78	33.04 4.35 0.00	44.58 3.30 -16.99
EAST_POINT___SOLAR 323840	35.44 2.27 0.00	31.54 1.95 0.00	18.58 1.12 0.00	28.40 1.67 0.00	26.21 1.54 0.00	27.32 1.68 0.00	32.98 1.92 0.00	34.42 1.50 0.00	30.09 0.70 0.00	29.78 0.61 0.00	27.49 0.47 0.00	28.06 0.50 0.00	28.51 0.60 0.00	37.60 1.09 0.08	35.99 1.04 0.00	34.94 1.25 0.00	49.87 1.88 0.00	52.22 2.02 0.00	40.85 1.83 0.00	35.88 2.13 0.00	35.24 2.54 0.00	34.74 2.58 0.00	30.92 2.23 0.00	26.02 1.73 0.00
EAST_PULASKI___ESR 323781	35.12 -0.92 -2.86	29.20 -0.80 -0.41	16.95 -0.50 0.00	25.93 -0.80 0.00	23.93 -0.75 0.00	25.64 -0.67 -0.68	32.32 -0.72 -1.98	32.33 -0.75 -0.16	29.90 -0.77 -1.28	28.47 -0.81 -0.11	24.20 -0.75 2.06	28.51 -0.78 -1.74	19.85 -0.84 7.22	23.27 -1.08 12.24	21.26 -1.03 12.65	37.39 -1.01 -4.71	55.76 -1.32 -9.09	58.15 -1.30 -9.26	44.06 -0.94 -5.98	35.73 -0.72 -2.70	32.89 -0.56 -0.76	31.63 -0.54 0.00	28.19 -0.50 0.00	23.78 -0.51 0.00
EAST_RIVER___1 323558	36.56 2.66 -0.72	32.28 2.40 -0.29	47.98 1.44 -29.08	28.83 2.10 0.00	26.65 1.97 0.00	27.68 2.04 0.00	33.61 2.55 0.00	37.00 2.87 -1.21	58.90 2.72 -26.79	42.74 2.82 -10.75	29.76 2.74 0.00	30.38 2.82 0.00	30.81 2.90 0.00	40.18 3.66 0.06	38.69 3.74 0.00	37.23 3.54 0.00	52.79 4.81 0.00	55.32 5.13 0.00	42.60 3.58 0.00	36.61 2.86 0.00	35.67 2.97 0.00	35.16 3.00 0.00	31.32 2.63 0.00	26.48 2.20 0.00
EAST_RIVER___2 323559	36.50 2.61 -0.72	32.24 2.36 -0.29	47.95 1.42 -29.08	28.78 2.05 0.00	26.61 1.94 0.00	27.65 2.01 0.00	33.56 2.50 0.00	36.98 2.85 -1.21	58.89 2.70 -26.79	42.79 2.87 -10.75	29.82 2.80 0.00	30.43 2.88 0.00	30.83 2.92 0.00	40.22 3.69 0.06	38.71 3.77 0.00	37.27 3.58 0.00	52.81 4.83 0.00	55.32 5.13 0.00	42.59 3.57 0.00	36.60 2.85 0.00	35.66 2.97 0.00	35.17 3.01 0.00	31.33 2.64 0.00	26.48 2.19 0.00
EAST___DELAWARE_HYD 23607	34.27 1.26 0.17	30.60 1.08 0.07	11.20 0.63 6.89	27.62 0.89 0.00	25.50 0.84 0.00	26.50 0.87 0.00	32.21 1.15 0.00	33.98 1.33 0.26	24.71 1.33 6.00	28.11 1.36 2.41	28.35 1.33 0.00	28.94 1.39 0.00	29.33 1.42 0.00	38.42 1.90 0.07	36.92 1.98 0.00	35.64 1.95 0.00	50.55 2.57 0.00	53.08 2.89 0.00	41.10 2.08 0.00	35.40 1.64 0.00	34.23 1.54 0.00	33.64 1.48 0.00	29.91 1.22 0.00	25.24 0.95 0.00
EIGHT_POINT___WT_PWR 323820	33.23 -0.33 -0.38	29.09 -0.55 -0.05	17.00 -0.46 0.00	25.86 -0.87 0.00	23.84 -0.83 0.00	25.06 -0.67 -0.09	30.83 -0.49 -0.26	32.39 -0.58 -0.05	28.97 -0.86 -0.44	28.45 -0.76 -0.04	26.95 -0.61 -0.55	27.38 -0.80 -0.62	27.76 -0.79 -0.64	35.79 -1.34 -0.55	35.28 -1.13 -1.46	34.50 -0.81 -1.63	50.18 -0.95 -3.15	52.56 -1.20 -3.56	40.08 -1.01 -2.07	34.22 -0.47 -0.93	32.39 -0.57 -0.26	31.76 -0.41 0.00	28.56 -0.13 0.00	24.06 -0.23 0.00
ELBRIDGE_115KV_TB2 80188	34.71 -0.35 -1.88	29.51 -0.35 -0.27	17.23 -0.23 0.00	26.34 -0.39 0.00	24.31 -0.36 0.00	25.71 -0.37 -0.45	31.98 -0.40 -1.32	32.75 -0.31 -0.14	30.19 -0.33 -1.13	28.96 -0.31 -0.10	27.32 -0.23 -0.53	28.89 -0.24 -1.57	27.16 -0.23 0.52	36.74 -0.37 -0.53	34.58 -0.30 0.07	37.58 -0.25 -4.14	55.67 -0.30 -7.99	58.00 -0.33 -8.14	44.01 -0.26 -5.26	35.92 -0.20 -2.37	33.06 -0.30 -0.67	31.77 -0.39 0.00	28.38 -0.31 0.00	23.96 -0.32 0.00
ELEC_TRO_TEK 24086	38.28 2.96 -2.15	38.50 2.63 -6.29	83.07 1.60 -64.02	35.48 2.34 -6.41	83.76 2.19 -56.90	49.29 2.25 -21.40	33.83 2.77 0.00	37.19 3.05 -1.22	60.08 2.82 -27.87	54.52 2.97 -22.38	64.02 2.89 -34.11	59.75 2.97 -29.23	62.35 3.02 -31.42	65.80 3.84 -25.37	68.48 3.89 -29.63	60.59 3.71 -23.19	54.51 5.08 -1.44	59.34 5.37 -3.78	43.07 3.84 -0.21	36.76 3.01 0.00	35.75 3.06 0.00	39.98 3.08 -4.74	31.36 2.67 0.00	43.54 2.27 -16.98

ELLENBURG_WT_PWR 323604	32.53 -0.64 0.00	28.80 -0.79 0.00	17.07 -0.39 0.00	26.25 -0.49 0.00	24.38 -0.29 0.00	25.33 -0.31 0.00	30.84 -0.22 0.00	33.01 0.09 0.00	29.25 -0.14 0.00	28.27 -0.90 0.00	22.33 -1.37 3.32	26.52 -0.98 0.06	18.21 -1.43 8.26	-6.63 -1.62 41.60	8.24 -2.30 24.41	31.24 -2.45 0.00	44.67 -3.31 0.00	47.62 -2.57 0.00	37.91 -1.12 0.00	33.11 -0.64 0.00	32.42 -0.28 0.00	31.92 -0.25 0.00	28.60 -0.09 0.00	24.25 -0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.58 -1.60 0.00	28.08 -1.51 0.00	16.40 -1.05 0.00	25.05 -1.69 0.00	23.16 -1.51 0.00	24.20 -1.44 0.00	29.35 -1.71 0.00	30.97 -1.96 -0.02	27.27 -2.27 -0.15	27.13 -2.06 -0.01	25.54 -1.66 -0.19	25.97 -1.80 -0.21	26.34 -1.78 -0.21	32.19 -2.69 1.71	32.94 -2.41 -0.40	32.26 -1.98 -0.55	46.46 -2.59 -1.07	48.35 -3.37 -1.52	37.09 -2.63 -0.71	32.11 -1.96 -0.32	30.60 -2.19 -0.09	30.14 -2.02 0.00	27.25 -1.44 0.00	23.00 -1.29 0.00
EMPIRE_CC_1 323656	34.47 1.14 -0.16	30.83 1.19 -0.06	24.44 0.68 -6.30	27.83 1.10 0.00	25.69 1.02 0.00	26.54 0.90 0.00	32.21 1.15 0.00	34.43 1.25 -0.26	36.31 1.15 -5.77	32.58 1.10 -2.32	27.98 0.96 0.00	28.52 0.96 0.00	28.89 0.98 0.00	37.69 1.16 0.05	35.94 0.99 0.00	34.53 0.84 0.00	49.25 1.27 0.00	51.64 1.45 0.00	40.18 1.16 0.00	34.80 1.04 0.00	33.82 1.13 0.00	33.16 0.99 0.00	29.52 0.83 0.00	25.14 0.85 0.00
EMPIRE_CC_2 323658	34.47 1.14 -0.16	30.83 1.19 -0.06	24.44 0.68 -6.30	27.83 1.10 0.00	25.69 1.02 0.00	26.54 0.90 0.00	32.21 1.15 0.00	34.43 1.25 -0.26	36.31 1.15 -5.77	32.58 1.10 -2.32	27.98 0.96 0.00	28.52 0.96 0.00	28.89 0.98 0.00	37.69 1.16 0.05	35.94 0.99 0.00	34.53 0.84 0.00	49.25 1.27 0.00	51.64 1.45 0.00	40.18 1.16 0.00	34.80 1.04 0.00	33.82 1.13 0.00	33.16 0.99 0.00	29.52 0.83 0.00	25.14 0.85 0.00
ENORWICH_115KV_TB1 80156	36.34 2.47 -0.70	31.71 2.02 -0.10	18.54 1.08 0.00	28.30 1.57 0.00	26.05 1.39 0.00	27.35 1.55 -0.16	33.58 2.03 -0.48	35.28 2.27 -0.10	31.95 1.79 -0.77	30.88 1.64 -0.07	29.39 1.41 -0.96	29.96 1.31 -1.09	30.39 1.35 -1.13	40.56 1.48 -2.49	38.90 1.33 -2.62	38.02 1.49 -2.84	55.70 2.24 -5.48	58.79 3.02 -5.58	45.09 2.46 -3.61	37.96 2.58 -1.63	35.51 2.36 -0.46	34.44 2.28 0.00	30.62 1.93 0.00	25.66 1.37 0.00
ERIE_ST__34_KV_TB1-2 80199	32.10 -1.07 0.00	28.51 -1.08 0.00	16.63 -0.82 0.00	25.39 -1.34 0.00	23.47 -1.20 0.00	24.53 -1.11 0.00	29.78 -1.28 0.00	31.46 -1.48 -0.02	27.78 -1.80 -0.18	27.64 -1.55 -0.02	25.98 -1.26 -0.23	26.40 -1.41 -0.26	26.78 -1.38 -0.26	33.11 -2.09 1.39	33.67 -1.79 -0.52	32.95 -1.41 -0.67	47.54 -1.74 -1.30	50.27 -2.43 -2.50	37.95 -1.93 -0.86	32.77 -1.37 -0.39	31.16 -1.65 -0.11	30.68 -1.48 0.00	27.68 -1.01 0.00	23.33 -0.96 0.00
ERIE_WT_PWR 323693	31.84 -1.33 0.00	28.30 -1.29 0.00	16.53 -0.93 0.00	25.24 -1.50 0.00	23.32 -1.35 0.00	24.37 -1.27 0.00	29.57 -1.49 0.00	31.22 -1.72 -0.02	27.56 -2.00 -0.17	27.38 -1.80 -0.02	25.78 -1.45 -0.21	26.23 -1.57 -0.24	26.59 -1.56 -0.25	32.68 -2.45 1.46	33.34 -2.09 -0.48	32.61 -1.71 -0.64	47.00 -2.21 -1.22	49.91 -2.93 -2.64	37.53 -2.30 -0.81	32.47 -1.65 -0.36	30.90 -1.90 -0.10	30.42 -1.75 0.00	27.49 -1.20 0.00	23.17 -1.11 0.00
ESPRGFLD_115KV_TB1 80157	34.75 1.57 0.00	30.90 1.32 0.00	18.21 0.76 0.00	27.80 1.07 0.00	25.65 0.98 0.00	26.71 1.07 0.00	32.44 1.38 0.00	34.41 1.46 -0.02	30.75 1.17 -0.19	30.32 1.13 -0.02	28.37 1.11 -0.24	28.96 1.14 -0.27	29.33 1.14 -0.28	38.71 1.53 -0.59	37.11 1.51 -0.65	36.02 1.62 -0.71	51.62 2.27 -1.37	53.97 2.38 -1.39	41.72 1.80 -0.90	35.82 1.66 -0.41	34.48 1.67 -0.11	33.85 1.68 0.00	30.19 1.50 0.00	25.39 1.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.76 0.62 -0.97	30.19 0.46 -0.14	17.68 0.22 0.00	27.03 0.30 0.00	24.92 0.25 0.00	26.19 0.32 -0.23	32.20 0.47 -0.67	33.65 0.61 -0.12	30.81 0.44 -0.97	29.66 0.40 -0.09	28.60 0.37 -1.21	29.27 0.34 -1.37	29.70 0.37 -1.42	40.21 0.38 -3.24	38.71 0.45 -3.31	37.77 0.51 -3.57	55.68 0.80 -6.90	58.20 0.98 -7.02	44.36 0.80 -4.54	36.65 0.84 -2.04	33.96 0.68 -0.58	32.76 0.59 0.00	29.21 0.52 0.00	24.60 0.31 0.00
ETNA____115KV_TB2 80207	34.76 0.62 -0.97	30.19 0.46 -0.14	17.68 0.22 0.00	27.03 0.30 0.00	24.92 0.25 0.00	26.19 0.32 -0.23	32.20 0.47 -0.67	33.65 0.61 -0.12	30.81 0.44 -0.97	29.66 0.40 -0.09	28.60 0.37 -1.21	29.27 0.34 -1.37	29.70 0.37 -1.42	40.21 0.38 -3.24	38.71 0.45 -3.31	37.77 0.51 -3.57	55.68 0.80 -6.90	58.20 0.98 -7.02	44.36 0.80 -4.54	36.65 0.84 -2.04	33.96 0.68 -0.58	32.76 0.59 0.00	29.21 0.52 0.00	24.60 0.31 0.00
EUCLID__115KV_TB2 356179	33.47 -0.54 -0.83	29.17 -0.53 -0.12	17.11 -0.34 0.00	26.18 -0.56 0.00	24.16 -0.51 0.00	25.32 -0.51 -0.19	31.07 -0.56 -0.57	32.37 -0.58 -0.03	29.00 -0.61 -0.22	28.63 -0.56 -0.02	25.69 -0.46 0.86	27.38 -0.47 -0.29	24.92 -0.49 2.50	32.01 -0.71 3.87	29.96 -0.63 4.35	33.93 -0.58 -0.82	48.80 -0.77 -1.59	50.94 -0.87 -1.62	39.40 -0.67 -1.05	33.64 -0.59 -0.47	32.18 -0.64 -0.13	31.58 -0.58 0.00	28.21 -0.48 0.00	23.83 -0.46 0.00
E_CANADA_CAP_HY 24051	34.98 1.81 0.00	31.13 1.54 0.00	18.35 0.90 0.00	28.03 1.30 0.00	25.87 1.20 0.00	26.95 1.31 0.00	32.68 1.62 0.00	34.47 1.56 0.00	30.48 1.09 0.00	30.13 0.96 0.00	27.88 0.86 0.00	28.47 0.91 0.00	28.84 0.93 0.00	37.86 1.36 0.09	36.27 1.33 0.01	35.17 1.48 0.00	50.07 2.08 0.00	52.37 2.18 0.00	40.78 1.76 0.00	35.55 1.79 0.00	34.73 2.04 0.00	34.27 2.11 0.00	30.57 1.88 0.00	25.74 1.45 0.00
E_CANADA_MHWK_HY 24050	34.19 1.02 0.00	30.53 0.95 0.00	18.00 0.54 0.00	27.57 0.84 0.00	25.45 0.78 0.00	26.46 0.82 0.00	32.01 0.96 0.00	33.74 0.82 0.00	29.83 0.43 0.00	29.52 0.34 0.00	26.29 0.19 0.92	27.77 0.23 0.02	25.94 0.32 2.28	34.47 0.34 2.46	31.63 0.35 3.67	33.85 0.16 0.00	48.31 0.32 0.00	50.82 0.63 0.00	39.92 0.90 0.00	34.87 1.12 0.00	33.87 1.17 0.00	29.55 1.15 0.00	25.02 0.85 0.00	
E_FISHKILL__LBMP 23776	35.59 2.16 -0.25	31.62 1.93 -0.10	28.81 1.14 -10.21	28.42 1.69 0.00	26.25 1.58 0.00	27.26 1.62 0.00	33.10 2.04 0.00	35.62 2.28 -0.42	40.89 2.16 -9.34	35.13 2.22 -3.75	29.14 2.13 0.00	29.75 2.19 0.00	30.13 2.22 0.00	39.31 2.79 0.06	37.77 2.82 0.00	36.36 2.68 0.00	51.64 3.66 0.00	54.15 3.95 0.00	41.84 2.82 0.00	36.02 2.26 0.00	35.06 2.36 0.00	34.49 2.32 0.00	30.72 2.03 0.00	26.02 1.73 0.00
FALCON__SEABRD_CC1 323796	32.91 -0.27 0.00	29.12 -0.46 0.00	17.24 -0.22 0.00	26.52 -0.21 0.00	24.59 -0.08 0.00	25.52 -0.12 0.00	31.11 0.05 0.00	33.25 0.33 0.00	29.52 0.13 0.00	28.68 -0.50 0.00	22.73 -0.96 3.33	26.88 -0.61 0.06	18.65 -0.96 8.29	-6.23 -1.18 41.64	8.74 -1.76 24.45	31.74 -1.95 0.00	45.26 -2.73 0.00	48.09 -2.10 0.00	38.15 -0.87 0.00	33.28 -0.48 0.00	32.53 -0.17 0.00	32.03 -0.14 0.00	28.67 -0.02 0.00	24.30 0.01 0.00

FALCON___SEABRD_CC2 323797	32.91 -0.27 0.00	29.12 -0.46 0.00	17.24 -0.22 0.00	26.52 -0.21 0.00	24.59 -0.08 0.00	25.52 -0.12 0.00	31.11 0.05 0.00	33.25 0.33 0.00	29.52 0.13 0.00	28.68 -0.50 0.00	22.73 -0.96 3.33	26.88 -0.61 0.06	18.65 -0.96 8.29	-6.23 -1.18 41.64	8.74 -1.76 24.45	31.74 -1.95 0.00	45.26 -2.73 0.00	48.09 -2.10 0.00	38.15 -0.87 0.00	33.28 -0.48 0.00	32.53 -0.17 0.00	32.03 -0.14 0.00	28.67 -0.02 0.00	24.30 0.01 0.00
FAR ROCKAWAY___4 23548	38.64 3.31 -2.15	39.02 3.15 -6.29	83.38 1.90 -64.02	35.94 2.80 -6.41	84.16 2.59 -56.90	49.72 2.68 -21.40	34.34 3.27 0.00	37.71 3.57 -1.22	60.41 3.15 -27.87	54.76 3.21 -22.38	64.09 2.97 -34.11	59.79 3.00 -29.23	62.41 3.08 -31.42	65.89 3.93 -25.37	68.63 4.05 -29.63	60.73 3.86 -23.19	54.74 5.31 -1.44	59.61 5.64 -3.78	43.25 4.03 -0.21	36.95 3.20 0.00	36.17 3.48 0.00	40.40 3.49 -4.74	31.72 3.04 0.00	43.92 2.65 -16.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.59 2.69 -0.72	32.31 2.43 -0.29	47.99 1.46 -29.08	28.85 2.12 0.00	26.67 2.00 0.00	27.69 2.05 0.00	33.63 2.57 0.00	37.03 2.90 -1.21	58.92 2.74 -26.79	42.75 2.84 -10.74	29.77 2.76 0.00	30.40 2.84 0.00	30.82 2.91 0.00	40.19 3.67 0.06	38.70 3.76 0.00	37.26 3.57 0.00	52.82 4.83 0.00	55.36 5.17 0.00	42.63 3.61 0.00	36.65 2.89 0.00	35.69 3.00 0.00	35.19 3.03 0.00	31.34 2.65 0.00	26.50 2.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.62 2.73 -0.72	32.33 2.46 -0.29	48.01 1.48 -29.08	28.88 2.14 0.00	26.69 2.02 0.00	27.72 2.08 0.00	33.66 2.60 0.00	37.06 2.93 -1.21	58.94 2.76 -26.79	42.77 2.86 -10.74	29.79 2.78 0.00	30.42 2.86 0.00	30.84 2.93 0.00	40.21 3.69 0.06	38.73 3.78 0.00	37.28 3.59 0.00	52.86 4.87 0.00	55.41 5.21 0.00	42.66 3.64 0.00	36.68 2.92 0.00	35.72 3.02 0.00	35.22 3.06 0.00	31.37 2.68 0.00	26.52 2.24 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.55 2.66 -0.72	32.28 2.40 -0.29	47.98 1.45 -29.08	28.83 2.10 0.00	26.65 1.97 0.00	27.68 2.03 0.00	33.61 2.56 0.00	37.00 2.87 -1.21	58.90 2.72 -26.79	42.73 2.81 -10.74	29.75 2.73 0.00	30.37 2.81 0.00	30.79 2.88 0.00	40.15 3.63 0.06	38.67 3.72 0.00	37.22 3.54 0.00	52.76 4.78 0.00	55.31 5.11 0.00	42.59 3.57 0.00	36.61 2.85 0.00	35.65 2.96 0.00	35.15 2.99 0.00	31.31 2.62 0.00	26.48 2.18 0.00
FARRAGUT___LBMP 323566	36.54 2.64 -0.72	32.25 2.38 -0.29	47.97 1.44 -29.08	28.82 2.08 0.00	26.63 1.96 0.00	27.65 2.01 0.00	33.59 2.52 0.00	36.97 2.84 -1.21	58.87 2.69 -26.79	42.70 2.78 -10.74	29.72 2.71 0.00	30.34 2.79 0.00	30.76 2.85 0.00	40.12 3.59 0.06	38.63 3.69 0.00	37.19 3.50 0.00	52.72 4.73 0.00	55.26 5.07 0.00	42.55 3.54 0.00	36.58 2.83 0.00	35.63 2.94 0.00	35.13 2.97 0.00	31.30 2.61 0.00	26.46 2.17 0.00
FENNER___WINDPWR 24204	34.57 0.59 -0.80	30.19 0.50 -0.11	17.70 0.24 0.00	27.09 0.36 0.00	24.99 0.32 0.00	26.21 0.39 -0.17	32.13 0.56 -0.51	33.62 0.63 -0.07	30.44 0.46 -0.59	29.70 0.47 -0.05	26.58 0.43 0.87	28.80 0.44 -0.80	25.17 0.39 3.13	32.32 0.42 4.69	30.20 0.48 5.23	36.29 0.43 -2.17	52.87 0.69 -4.19	55.29 0.83 -4.27	42.51 0.74 -2.76	35.75 0.75 -1.24	33.77 0.72 -0.35	32.86 0.70 0.00	29.28 0.60 0.00	24.72 0.43 0.00
FIBERTEK___ENERGY 23856	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.24 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.11 -0.23 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.80 -0.21 0.58	33.65 -0.14 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.95 -0.21 0.00	28.53 -0.16 0.00	24.09 -0.20 0.00
FITZPATRICK____ 23598	22.38 -1.08 9.72	27.19 -0.98 1.42	16.86 -0.59 0.00	25.80 -0.94 0.00	23.81 -0.86 0.00	22.40 -0.89 2.35	23.13 -1.03 6.90	31.30 -1.06 0.56	23.87 -1.01 4.51	27.80 -0.97 0.40	20.53 -0.87 5.62	20.31 -0.89 6.36	20.41 -0.90 6.60	18.67 -1.22 16.69	18.37 -1.13 15.45	16.03 -1.07 16.59	14.50 -1.48 32.00	15.99 -1.61 32.60	16.72 -1.23 21.07	23.18 -1.09 9.49	28.91 -1.11 2.67	31.07 -1.09 0.01	27.75 -0.94 0.00	23.46 -0.82 0.00
FLOWRFLD_69_KV_BK1 356044	38.97 3.65 -2.15	39.07 3.20 -6.29	83.38 1.90 -64.02	35.96 2.82 -6.41	84.13 2.55 -56.90	49.65 2.60 -21.40	34.32 3.26 0.00	37.73 3.60 -1.22	60.43 3.17 -27.87	57.45 3.46 -24.82	92.96 3.57 -62.37	60.67 3.65 -29.46	76.99 3.72 -45.37	128.14 4.65 -86.91	166.89 4.56 -127.38	241.31 4.31 -203.31	223.66 5.93 -169.74	380.61 6.16 -324.26	210.74 4.51 -167.21	91.31 3.57 -53.99	196.95 3.61 -160.64	122.12 3.59 -86.36	31.76 3.07 0.00	43.99 2.72 -16.98
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	35.89 2.72 0.00	31.97 2.39 0.00	18.84 1.39 0.00	28.80 2.07 0.00	26.60 1.93 0.00	27.63 1.99 0.00	33.58 2.52 0.00	35.73 2.81 0.00	36.55 2.78 -4.38	34.01 2.96 -1.88	29.88 2.86 0.00	30.50 2.94 0.00	30.94 3.03 0.00	40.40 3.87 0.06	38.84 3.89 0.00	37.30 3.61 0.00	52.74 4.75 0.00	55.29 5.10 0.00	42.72 3.69 0.00	36.75 2.99 0.00	35.74 3.04 0.00	35.12 2.95 0.00	31.23 2.54 0.00	26.40 2.11 0.00
FORT ORANGE____ 23900	34.49 1.21 -0.11	30.80 1.17 -0.05	22.79 0.71 -4.62	27.82 1.09 0.00	25.70 1.03 0.00	26.63 0.99 0.00	32.16 1.10 0.00	34.19 1.08 -0.19	34.64 1.00 -4.24	31.78 0.91 -1.70	27.79 0.77 0.00	28.34 0.78 0.00	28.70 0.79 0.00	37.53 0.94 0.00	35.83 0.88 0.00	34.42 0.73 0.00	49.12 1.13 0.00	51.48 1.29 0.00	40.11 1.09 0.00	34.75 1.00 0.00	33.77 1.07 0.00	33.14 0.98 0.00	29.49 0.80 0.00	25.20 0.91 0.00
FORT_DRUM_COGEN 23780	33.51 -1.26 -1.60	28.91 -0.88 -0.21	16.88 -0.57 0.00	25.82 -0.91 0.00	23.80 -0.87 0.00	25.38 -0.59 -0.34	31.49 -0.56 -0.99	32.39 -0.61 -0.08	29.38 -0.63 -0.62	28.35 -0.88 -0.06	15.71 -0.99 10.31	27.25 -0.98 -0.67	0.00 -1.22 26.69	-14.46 -1.34 49.71	-16.40 -1.58 49.76	34.23 -1.75 -2.29	50.27 -2.15 -4.44	52.84 -1.87 -4.52	40.68 -1.27 -2.92	34.30 -0.77 -1.32	33.01 -0.06 -0.37	32.09 -0.07 0.00	28.53 -0.16 0.00	23.99 -0.30 0.00
FOX_HILLS___ESR 323835	38.41 2.71 -2.54	35.17 2.46 -3.12	49.67 1.47 -30.75	28.90 2.17 0.00	26.72 2.05 0.00	27.75 2.11 0.00	33.70 2.64 -0.01	37.07 2.94 -1.22	58.93 2.76 -26.78	42.73 2.82 -10.74	806.94 2.80 -777.13	62.17 2.92 -31.69	35.44 2.94 -4.60	42.67 3.65 -2.43	74.96 3.80 -36.21	65.70 3.61 -28.40	55.23 4.89 -2.35	57.15 5.09 -1.87	42.59 3.50 -0.08	38.38 2.93 -1.70	37.69 3.04 -1.95	38.07 3.02 -2.89	37.93 2.64 -6.60	41.16 2.26 -14.61
FPL FAR_ROCK_GT1 24212	38.64 3.31 -2.15	39.02 3.15 -6.29	83.39 1.90 -64.03	35.94 2.80 -6.41	84.16 2.59 -56.90	49.73 2.68 -21.41	34.34 3.27 0.00	37.71 3.57 -1.22	60.41 3.15 -27.87	54.76 3.21 -22.38	64.10 2.96 -34.12	59.79 3.00 -29.23	62.41 3.08 -31.42	65.90 3.94 -25.37	68.63 4.04 -29.63	60.73 3.86 -23.19	54.73 5.31 -1.44	59.61 5.64 -3.78	43.25 4.03 -0.21	36.95 3.19 0.00	36.17 3.48 0.00	40.40 3.49 -4.74	31.72 3.03 0.00	43.92 2.65 -16.99

FPL FAR_ROCK_GT2 23815	38.64 3.31 -2.15	39.02 3.15 -6.29	83.39 1.90 -64.03	35.94 2.80 -6.41	84.16 2.59 -56.90	49.73 2.68 -21.41	34.34 3.27 0.00	37.71 3.57 -1.22	60.41 3.15 -27.87	54.76 3.21 -22.38	64.10 2.96 -34.12	59.79 3.00 -29.23	62.41 3.08 -31.42	65.90 3.94 -25.37	68.63 4.04 -29.63	60.73 3.86 -23.19	54.73 5.31 -1.44	59.61 5.64 -3.78	43.25 4.03 -0.21	36.95 3.19 0.00	36.17 3.48 0.00	40.40 3.49 -4.74	31.72 3.03 0.00	43.92 2.65 -16.99
FRANKLIN_FALL_HYD 24054	32.50 -0.67 0.00	28.81 -0.78 0.00	17.03 -0.43 0.00	26.14 -0.59 0.00	24.10 -0.57 0.00	25.10 -0.54 0.00	30.45 -0.61 0.00	32.38 -0.54 0.00	28.84 -0.55 0.00	28.32 -0.85 0.00	11.03 -1.10 14.89	26.36 -0.92 0.28	-10.29 -1.15 37.05	-53.20 -1.35 88.44	-42.68 -1.62 76.01	32.10 -1.59 0.00	45.80 -2.19 0.00	48.25 -1.95 0.00	37.92 -1.10 0.00	33.01 -0.75 0.00	32.25 -0.45 0.00	31.70 -0.46 0.00	28.31 -0.38 0.00	23.93 -0.36 0.00
FREEPORT_EQUS_GT1 23764	38.60 3.28 -2.15	38.76 2.89 -6.29	83.21 1.73 -64.03	35.70 2.56 -6.41	83.93 2.36 -56.90	49.49 2.44 -21.41	34.06 2.99 0.00	37.43 3.29 -1.22	60.29 3.03 -27.87	54.76 3.21 -22.38	64.17 3.04 -34.12	59.89 3.11 -29.23	62.40 3.08 -31.42	65.92 3.96 -25.37	68.64 4.06 -29.63	60.73 3.86 -23.19	54.74 5.31 -1.44	59.58 5.61 -3.78	43.26 4.03 -0.21	36.90 3.14 0.00	35.89 3.19 0.00	40.20 3.29 -4.74	31.53 2.84 0.00	43.72 2.44 -16.99
FREEPORT___CT2 23818	38.60 3.28 -2.15	38.76 2.89 -6.29	83.21 1.73 -64.03	35.70 2.56 -6.41	83.93 2.36 -56.90	49.49 2.44 -21.41	34.06 2.99 0.00	37.43 3.29 -1.22	60.29 3.03 -27.87	54.76 3.21 -22.38	64.17 3.04 -34.12	59.89 3.11 -29.23	62.40 3.08 -31.42	65.92 3.96 -25.37	68.64 4.06 -29.63	60.73 3.86 -23.19	54.74 5.31 -1.44	59.58 5.61 -3.78	43.26 4.03 -0.21	36.90 3.14 0.00	35.89 3.19 0.00	40.20 3.29 -4.74	31.53 2.84 0.00	43.72 2.44 -16.99
FRESHKLS_33_KV_LOAD 356253	37.92 2.65 -2.10	34.45 2.43 -2.44	49.25 1.45 -30.34	28.88 2.15 0.00	26.69 2.03 0.00	27.73 2.09 0.00	33.66 2.60 -0.01	37.01 2.88 -1.21	58.89 2.72 -26.78	42.67 2.75 -10.74	797.68 2.73 -767.94	62.27 2.91 -31.81	38.23 2.90 -7.42	43.86 3.60 -3.67	75.18 3.78 -36.45	65.68 3.60 -28.40	55.28 4.94 -2.35	57.09 5.03 -1.87	42.54 3.45 -0.08	38.40 2.94 -1.70	37.69 3.04 -1.95	38.02 2.97 -2.89	37.88 2.59 -6.60	41.15 2.25 -14.61
FULTON COGEN____ 23766	35.69 -0.69 -3.20	29.38 -0.67 -0.46	17.04 -0.42 0.00	26.05 -0.68 0.00	24.05 -0.61 0.00	25.79 -0.62 -0.77	32.62 -0.69 -2.25	32.39 -0.71 -0.18	30.13 -0.72 -1.46	28.61 -0.69 -0.13	26.89 -0.57 -0.44	28.99 -0.60 -2.03	26.04 -0.59 1.28	35.46 -0.80 0.33	33.05 -0.72 1.18	38.39 -0.67 -5.37	57.47 -0.87 -10.35	59.76 -0.98 -10.54	45.08 -0.75 -6.81	36.21 -0.62 -3.07	32.91 -0.65 -0.87	31.53 -0.63 0.00	28.12 -0.56 0.00	23.76 -0.53 0.00
FULTON___LFGE 323630	37.27 4.09 0.00	33.10 3.51 0.00	19.47 2.01 0.00	29.74 3.01 0.00	27.45 2.78 0.00	28.61 2.97 0.00	34.56 3.51 0.00	36.00 3.09 0.00	30.98 1.59 0.00	29.98 0.81 0.00	27.37 0.36 0.00	28.18 0.63 0.00	28.49 0.59 0.00	37.66 1.15 0.07	35.96 1.01 0.00	34.73 1.04 0.00	49.52 1.53 0.00	52.24 2.04 0.00	42.16 3.14 0.00	37.84 4.08 0.00	37.22 4.53 0.00	36.57 4.40 0.00	32.43 3.74 0.00	27.10 2.82 0.00
G.F.CEMENT___DRP 24184	35.59 2.31 -0.11	31.54 1.91 -0.04	22.94 0.99 -4.49	28.35 1.62 0.00	26.24 1.57 0.00	27.27 1.63 0.00	33.23 2.17 0.00	35.45 2.35 -0.19	35.53 2.03 -4.11	32.70 1.88 -1.65	28.45 1.44 0.00	29.04 1.49 0.00	29.38 1.47 0.00	38.44 1.85 0.00	36.64 1.70 0.00	35.32 1.63 0.00	50.43 2.45 0.00	53.11 2.92 0.00	41.75 2.73 0.00	36.08 2.32 0.00	35.16 2.47 0.00	34.36 2.20 0.00	30.36 1.68 0.00	25.91 1.63 0.00
GARDENVILLE___LBMP 24039	31.73 -1.45 0.00	28.20 -1.38 0.00	16.47 -0.98 0.00	25.15 -1.58 0.00	23.25 -1.42 0.00	24.30 -1.34 0.00	29.48 -1.58 0.00	31.13 -1.81 -0.02	27.44 -2.12 -0.17	27.27 -1.91 -0.02	25.69 -1.53 -0.21	26.12 -1.68 -0.24	26.49 -1.66 -0.24	32.54 -2.51 1.54	33.19 -2.23 -0.47	32.50 -1.82 -0.62	46.81 -2.38 -1.20	49.12 -3.11 -2.03	37.37 -2.43 -0.79	32.33 -1.79 -0.35	30.78 -2.02 -0.10	30.32 -1.85 0.00	27.40 -1.29 0.00	23.10 -1.18 0.00
GARDNVLA_35_KV_LD 355827	31.88 -1.30 0.00	28.33 -1.26 0.00	16.54 -0.91 0.00	25.26 -1.47 0.00	23.34 -1.33 0.00	24.40 -1.24 0.00	29.60 -1.47 0.00	31.25 -1.69 -0.02	27.56 -2.01 -0.17	27.39 -1.79 -0.02	25.81 -1.42 -0.22	26.25 -1.55 -0.24	26.63 -1.52 -0.25	32.83 -2.32 1.44	33.39 -2.05 -0.49	32.68 -1.65 -0.64	47.10 -2.12 -1.23	50.22 -2.85 -2.87	37.60 -2.23 -0.81	32.51 -1.62 -0.37	30.94 -1.86 -0.10	30.46 -1.71 0.00	27.52 -1.17 0.00	23.20 -1.09 0.00
GELCKHM___115KV_LOAD 80723	33.93 -0.42 -1.17	29.33 -0.42 -0.17	17.18 -0.28 0.00	26.28 -0.46 0.00	24.25 -0.42 0.00	25.50 -0.42 -0.28	31.43 -0.44 -0.81	32.56 -0.42 -0.06	29.43 -0.46 -0.50	28.79 -0.42 -0.04	26.25 -0.33 0.44	27.91 -0.33 -0.68	25.65 -0.34 1.92	33.53 -0.50 2.56	31.42 -0.44 3.08	35.14 -0.38 -1.83	51.04 -0.49 -3.54	53.23 -0.58 -3.61	40.95 -0.40 -2.33	34.42 -0.39 -1.05	32.53 -0.46 -0.30	31.72 -0.44 0.00	28.32 -0.36 0.00	23.93 -0.36 0.00
GENERAL___MILLS 23808	31.81 -1.36 0.00	28.27 -1.32 0.00	16.51 -0.94 0.00	25.21 -1.52 0.00	23.30 -1.37 0.00	24.35 -1.28 0.00	29.54 -1.52 0.00	31.19 -1.75 -0.02	27.50 -2.06 -0.17	27.34 -1.85 -0.02	25.75 -1.48 -0.21	26.18 -1.62 -0.24	26.56 -1.59 -0.25	32.71 -2.41 1.46	33.29 -2.14 -0.48	32.58 -1.75 -0.64	46.97 -2.24 -1.22	49.86 -2.97 -2.64	37.50 -2.33 -0.81	32.42 -1.70 -0.36	30.85 -1.94 -0.10	30.39 -1.77 0.00	27.46 -1.23 0.00	23.16 -1.13 0.00
GE_PLASTICS___DRP 24183	34.35 1.07 -0.11	30.64 1.01 -0.05	22.67 0.62 -4.60	27.68 0.95 0.00	25.56 0.90 0.00	26.51 0.87 0.00	32.10 1.04 0.00	34.24 1.13 -0.19	34.65 1.05 -4.21	31.87 1.01 -1.69	27.91 0.89 0.00	28.46 0.91 0.00	28.81 0.91 0.00	37.67 1.08 0.00	35.98 1.03 0.00	34.61 0.92 0.00	49.34 1.36 0.00	51.70 1.50 0.00	40.21 1.19 0.00	34.80 1.04 0.00	33.78 1.08 0.00	33.16 1.00 0.00	29.55 0.86 0.00	25.11 0.82 0.00
GILBOA___1 23756	34.32 1.15 0.00	30.63 1.04 0.00	18.12 0.67 0.00	27.74 1.00 0.00	25.62 0.94 0.00	26.59 0.95 0.00	32.16 1.10 0.00	34.16 1.22 -0.02	30.64 1.12 -0.12	30.32 1.14 -0.01	28.24 1.08 -0.15	28.83 1.10 -0.17	29.17 1.09 -0.18	38.24 1.27 -0.38	36.64 1.27 -0.42	35.34 1.20 -0.45	50.42 1.56 -0.88	52.77 1.69 -0.89	40.92 1.33 -0.58	35.17 1.16 -0.26	33.92 1.15 -0.07	33.28 1.12 0.00	29.67 0.98 0.00	25.15 0.86 0.00
GILBOA___2 23757	34.32 1.15 0.00	30.63 1.04 0.00	18.12 0.67 0.00	27.74 1.00 0.00	25.62 0.94 0.00	26.59 0.95 0.00	32.16 1.10 0.00	34.16 1.22 -0.02	30.64 1.12 -0.12	30.32 1.14 -0.01	28.24 1.08 -0.15	28.83 1.10 -0.17	29.17 1.09 -0.18	38.24 1.27 -0.38	36.64 1.27 -0.42	35.34 1.20 -0.45	50.42 1.56 -0.88	52.77 1.69 -0.89	40.92 1.33 -0.58	35.17 1.16 -0.26	33.92 1.15 -0.07	33.28 1.12 0.00	29.67 0.98 0.00	25.15 0.86 0.00

GILBOA___3 23758	34.32 1.15 0.00	30.63 1.04 0.00	18.12 0.67 0.00	27.74 1.00 0.00	25.62 0.94 0.00	26.59 0.95 0.00	32.16 1.10 0.00	34.16 1.22 -0.02	30.64 1.12 -0.12	30.32 1.14 -0.01	28.24 1.08 -0.15	28.83 1.10 -0.17	29.17 1.09 -0.18	38.24 1.27 -0.38	36.64 1.27 -0.42	35.34 1.20 -0.45	50.42 1.56 -0.88	52.77 1.69 -0.89	40.92 1.33 -0.58	35.17 1.16 -0.26	33.92 1.15 -0.07	33.28 1.12 0.00	29.67 0.98 0.00	25.15 0.86 0.00
GILBOA___4 23759	34.32 1.15 0.00	30.63 1.04 0.00	18.12 0.67 0.00	27.74 1.00 0.00	25.62 0.94 0.00	26.59 0.95 0.00	32.16 1.10 0.00	34.16 1.22 -0.02	30.64 1.12 -0.12	30.32 1.14 -0.01	28.24 1.08 -0.15	28.83 1.10 -0.17	29.17 1.09 -0.18	38.24 1.27 -0.38	36.64 1.27 -0.42	35.34 1.20 -0.45	50.42 1.56 -0.88	52.77 1.69 -0.89	40.92 1.33 -0.58	35.17 1.16 -0.26	33.92 1.15 -0.07	33.28 1.12 0.00	29.67 0.98 0.00	25.15 0.86 0.00
GILBOA___ 23599	34.32 1.15 0.00	30.63 1.04 0.00	18.12 0.67 0.00	27.74 1.00 0.00	25.61 0.94 0.00	26.59 0.95 0.00	32.16 1.10 0.00	34.15 1.22 -0.02	30.64 1.12 -0.12	30.32 1.14 -0.01	28.24 1.08 -0.15	28.83 1.10 -0.17	29.17 1.09 -0.18	38.23 1.27 -0.38	36.64 1.27 -0.42	35.34 1.20 -0.45	50.42 1.56 -0.88	52.77 1.68 -0.89	40.92 1.33 -0.58	35.17 1.16 -0.26	33.92 1.15 -0.07	33.28 1.12 0.00	29.67 0.98 0.00	25.15 0.86 0.00
GINNA___ 23603	31.13 -2.05 0.00	27.68 -1.91 0.00	16.22 -1.23 0.00	24.79 -1.94 0.00	22.92 -1.75 0.00	23.90 -1.74 0.00	29.00 -2.06 0.00	30.70 -2.22 0.00	27.15 -2.24 0.00	27.07 -2.10 0.00	25.23 -1.79 0.00	25.69 -1.87 0.00	26.05 -1.85 0.00	34.19 -2.70 -0.31	32.50 -2.47 -0.02	31.51 -2.18 0.00	45.06 -2.93 0.00	46.83 -3.36 0.00	36.49 -2.53 0.00	31.71 -2.05 0.00	30.49 -2.21 0.00	30.03 -2.14 0.00	26.91 -1.78 0.00	22.69 -1.60 0.00
GLEN PARK___ 23778	33.66 -1.18 -1.67	28.98 -0.83 -0.22	16.90 -0.55 0.00	25.84 -0.89 0.00	23.82 -0.85 0.00	25.42 -0.57 -0.36	31.58 -0.53 -1.04	32.43 -0.57 -0.08	29.44 -0.61 -0.66	28.38 -0.85 -0.06	16.35 -0.97 9.70	27.36 -0.93 -0.73	1.49 -1.21 25.22	-11.58 -1.27 46.90	-13.58 -1.56 46.97	34.38 -1.72 -2.41	50.58 -2.08 -4.67	53.19 -1.76 -4.76	40.90 -1.20 -3.08	34.46 -0.68 -1.39	33.13 0.05 -0.39	32.19 0.02 0.00	28.60 -0.09 0.00	24.02 -0.27 0.00
GLENDALE_27_KV_LOAD 356172	36.75 2.86 -0.72	32.47 2.60 -0.29	48.08 1.56 -29.07	29.00 2.27 0.00	26.80 2.14 0.00	27.85 2.21 0.00	33.84 2.78 0.00	37.27 3.14 -1.21	59.13 2.96 -26.78	42.94 3.03 -10.74	60.44 2.97 -30.45	30.88 3.06 -0.27	37.04 3.09 -6.04	43.04 3.87 -2.58	39.40 3.96 -0.49	37.46 3.77 0.00	53.06 5.08 0.00	55.58 5.39 0.00	42.78 3.76 0.00	36.84 3.09 0.00	35.91 3.22 0.00	35.44 3.27 0.00	31.53 2.85 0.00	26.65 2.36 0.00
GLENWOOD_IC_1_G5 23712	38.27 2.95 -2.15	38.48 2.61 -6.29	83.05 1.57 -64.02	35.48 2.34 -6.41	83.91 2.34 -56.90	49.46 2.41 -21.40	34.05 2.98 0.00	37.43 3.29 -1.22	60.32 3.05 -27.87	54.75 3.20 -22.38	64.06 2.93 -34.11	59.81 3.02 -29.23	62.42 3.10 -31.42	65.95 3.99 -25.37	68.66 4.08 -29.63	60.76 3.88 -23.19	54.75 5.33 -1.44	59.61 5.64 -3.78	43.24 4.02 -0.21	36.90 3.15 0.00	35.85 3.15 0.00	40.05 3.14 -4.74	31.39 2.70 0.00	43.54 2.27 -16.98
GLENWOOD_IC_2_G1 23688	38.35 3.03 -2.15	38.57 2.70 -6.29	83.11 1.63 -64.03	35.55 2.40 -6.41	83.84 2.27 -56.90	49.38 2.34 -21.41	33.95 2.89 0.00	37.32 3.18 -1.22	60.21 2.94 -27.87	54.65 3.09 -22.38	64.09 2.96 -34.12	59.82 3.04 -29.23	62.43 3.11 -31.42	65.96 4.00 -25.37	68.65 4.07 -29.63	60.75 3.87 -23.19	54.74 5.31 -1.44	59.58 5.61 -3.78	43.24 4.01 -0.21	36.91 3.16 0.00	35.89 3.19 0.00	40.10 3.19 -4.74	31.44 2.75 0.00	43.60 2.33 -16.99
GLENWOOD_IC_3_G1 23689	38.35 3.03 -2.15	38.57 2.70 -6.29	83.11 1.63 -64.03	35.55 2.40 -6.41	83.84 2.27 -56.90	49.38 2.34 -21.41	33.95 2.89 0.00	37.32 3.18 -1.22	60.21 2.94 -27.87	54.65 3.09 -22.38	64.09 2.96 -34.12	59.82 3.04 -29.23	62.43 3.11 -31.42	65.96 4.00 -25.37	68.65 4.07 -29.63	60.75 3.87 -23.19	54.74 5.31 -1.44	59.58 5.61 -3.78	43.24 4.01 -0.21	36.91 3.16 0.00	35.89 3.19 0.00	40.10 3.19 -4.74	31.44 2.75 0.00	43.60 2.33 -16.99
GLENWOOD___4 23550	38.35 3.03 -2.15	38.56 2.69 -6.29	83.10 1.62 -64.02	35.53 2.39 -6.41	83.91 2.34 -56.90	49.46 2.41 -21.40	34.05 2.98 0.00	37.43 3.29 -1.22	60.32 3.05 -27.87	54.76 3.20 -22.38	64.12 3.00 -34.11	59.87 3.08 -29.23	62.49 3.17 -31.42	66.04 4.08 -25.37	68.74 4.16 -29.63	60.84 3.96 -23.19	54.88 5.45 -1.44	59.72 5.75 -3.78	43.34 4.12 -0.21	36.98 3.22 0.00	35.93 3.24 0.00	40.12 3.22 -4.74	31.45 2.76 0.00	43.60 2.32 -16.98
GLENWOOD___5 23614	38.35 3.03 -2.15	38.56 2.69 -6.29	83.10 1.62 -64.02	35.53 2.39 -6.41	83.91 2.34 -56.90	49.46 2.41 -21.40	34.05 2.98 0.00	37.43 3.29 -1.22	60.32 3.05 -27.87	54.76 3.20 -22.38	64.12 3.00 -34.11	59.87 3.08 -29.23	62.49 3.17 -31.42	66.04 4.08 -25.37	68.74 4.16 -29.63	60.84 3.96 -23.19	54.88 5.45 -1.44	59.72 5.75 -3.78	43.34 4.12 -0.21	36.98 3.22 0.00	35.93 3.24 0.00	40.12 3.22 -4.74	31.45 2.76 0.00	43.60 2.32 -16.98
GLOBAL GREEN_PORT_GT1 23814	39.62 4.30 -2.15	39.32 3.45 -6.29	83.68 2.20 -64.03	36.65 3.51 -6.41	85.06 3.48 -56.90	50.48 3.43 -21.41	34.93 3.87 0.00	38.68 4.55 -1.22	61.26 3.99 -27.87	57.65 4.27 -24.21	86.70 4.43 -55.26	61.46 4.49 -29.40	74.33 4.57 -41.85	114.07 6.07 -71.40	147.36 6.03 -106.38	197.31 5.69 -157.93	183.16 7.84 -127.34	289.61 8.35 -231.06	143.74 5.87 -98.85	73.19 4.31 -35.11	157.78 4.91 -120.17	103.04 5.08 -65.80	33.06 4.37 0.00	44.68 3.41 -16.99
GLOBE___DSASP 323697	30.35 -2.82 0.00	27.04 -2.55 0.00	15.80 -1.66 0.00	24.10 -2.63 0.00	22.30 -2.36 0.00	23.31 -2.33 0.00	28.24 -2.82 0.00	29.70 -3.22 0.00	25.89 -3.50 0.00	25.90 -3.27 0.00	24.26 -2.76 0.00	24.61 -2.94 0.00	25.00 -2.90 0.01	29.68 -4.26 2.65	30.87 -3.93 0.15	30.30 -3.38 0.00	43.38 -4.60 0.00	38.68 -5.56 5.96	34.70 -4.30 0.02	30.38 -3.38 0.00	29.16 -3.53 0.00	28.81 -3.36 0.00	26.16 -2.53 0.00	22.12 -2.17 0.00
GOETHSLN___LBMP 323567	36.38 2.48 -0.72	32.12 2.24 -0.29	47.91 1.38 -29.08	28.71 1.98 0.00	26.53 1.86 0.00	27.55 1.91 0.00	33.42 2.36 0.00	36.79 2.66 -1.21	58.72 2.53 -26.79	42.54 2.63 -10.74	29.57 2.56 0.00	30.18 2.62 0.00	30.59 2.69 0.00	39.91 3.38 0.06	38.46 3.52 0.00	37.02 3.33 0.00	52.48 4.49 0.00	55.07 4.88 0.00	42.39 3.38 0.00	36.43 2.68 0.00	35.51 2.82 0.00	35.02 2.85 0.00	31.20 2.51 0.00	26.39 2.10 0.00
GOLAH___69_KV_TB 1_2 80279	32.49 -0.68 0.00	28.90 -0.68 0.00	16.91 -0.55 0.00	25.83 -0.90 0.00	23.89 -0.78 0.00	24.93 -0.71 0.00	30.24 -0.82 0.00	31.96 -0.96 0.00	28.12 -1.27 0.00	28.05 -1.12 0.00	26.19 -0.82 0.00	26.66 -0.90 0.00	27.05 -0.85 0.00	35.31 -1.40 -0.13	33.72 -1.24 -0.01	32.75 -0.94 0.00	46.81 -1.17 0.00	48.53 -1.66 0.00	37.79 -1.22 0.00	32.94 -0.81 0.00	31.70 -1.00 0.00	31.26 -0.90 0.00	28.09 -0.60 0.00	23.68 -0.61 0.00

GOODYEAR_LAKE_HYD 323669	34.57 1.39 0.00	30.77 1.18 0.00	18.14 0.69 0.00	27.72 0.98 0.00	25.56 0.89 0.00	26.60 0.96 0.00	32.30 1.24 0.00	34.33 1.37 -0.04	30.93 1.21 -0.33	30.43 1.23 -0.03	28.65 1.22 -0.42	29.26 1.23 -0.47	29.64 1.24 -0.49	39.17 1.54 -1.04	37.62 1.54 -1.13	36.48 1.56 -1.23	52.53 2.18 -2.37	54.93 2.33 -2.41	42.33 1.75 -1.56	35.98 1.52 -0.70	34.27 1.38 -0.20	33.51 1.34 0.00	29.87 1.18 0.00	25.18 0.89 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.06 0.22 -0.66	29.78 0.10 -0.09	17.47 0.02 0.00	26.72 -0.01 0.00	24.63 -0.04 0.00	25.83 0.03 -0.16	31.62 0.10 -0.46	33.21 0.19 -0.10	30.29 0.09 -0.81	29.36 0.11 -0.07	28.23 0.20 -1.01	28.92 0.22 -1.15	29.29 0.19 -1.19	39.21 0.14 -2.48	37.99 0.28 -2.76	36.98 0.29 -2.99	54.21 0.44 -5.78	56.60 0.52 -5.88	43.11 0.29 -3.80	35.80 0.33 -1.71	33.28 0.10 -0.48	32.28 0.11 0.00	28.83 0.14 0.00	24.30 0.00 0.00
GOUDEY___7 23579	34.09 0.25 -0.66	29.81 0.13 -0.09	17.48 0.03 0.00	26.74 0.01 0.00	24.65 -0.02 0.00	25.85 0.05 -0.16	31.65 0.13 -0.46	33.24 0.22 -0.10	30.32 0.12 -0.81	29.39 0.14 -0.07	28.26 0.23 -1.01	28.95 0.25 -1.15	29.32 0.22 -1.19	39.26 0.19 -2.48	38.03 0.32 -2.76	37.01 0.33 -2.99	54.26 0.50 -5.78	56.66 0.58 -5.88	43.16 0.34 -3.80	35.83 0.36 -1.71	33.31 0.13 -0.48	32.31 0.15 0.00	28.85 0.16 0.00	24.31 0.02 0.00
GOUDEY___8 23580	34.06 0.22 -0.66	29.78 0.10 -0.09	17.47 0.02 0.00	26.72 -0.01 0.00	24.63 -0.04 0.00	25.83 0.03 -0.16	31.62 0.10 -0.46	33.21 0.19 -0.10	30.29 0.09 -0.81	29.36 0.11 -0.07	28.23 0.20 -1.01	28.92 0.22 -1.15	29.29 0.19 -1.19	39.21 0.14 -2.48	37.99 0.28 -2.76	36.98 0.29 -2.99	54.21 0.44 -5.78	56.60 0.52 -5.88	43.11 0.29 -3.80	35.80 0.33 -1.71	33.28 0.10 -0.48	32.28 0.11 0.00	28.83 0.14 0.00	24.30 0.00 0.00
GOWANUS_GT1_1 24077	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_2 24078	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_3 24079	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_4 24080	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_5 24084	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_6 24111	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_7 24112	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT1_8 24113	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_1 24114	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_2 24115	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_3 24116	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61

GOWANUS_GT2_4 24117	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_5 24118	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_6 24119	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_7 24120	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT2_8 24121	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_1 24122	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_2 24123	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_3 24124	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_4 24125	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_5 24126	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_6 24127	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_7 24128	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT3_8 24129	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_1 24130	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_2 24131	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61

GOWANUS_GT4_3 24132	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_4 24133	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_5 24134	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_6 24135	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_7 24136	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GOWANUS_GT4_8 24137	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.73 3.00 -53.18	523.89 3.04 -492.94	256.58 3.79 -216.20	114.96 3.91 -76.11	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GREENBSH_115KV_TB3 55895	34.27 0.98 -0.12	30.59 0.96 -0.05	22.85 0.60 -4.79	27.65 0.91 0.00	25.54 0.87 0.00	26.46 0.82 0.00	32.03 0.96 0.00	34.17 1.05 -0.20	34.77 0.99 -4.40	31.86 0.93 -1.76	27.83 0.82 0.00	28.38 0.82 0.00	28.74 0.83 0.00	37.58 0.99 0.00	35.87 0.92 0.00	34.49 0.80 0.00	49.19 1.20 0.00	51.55 1.36 0.00	40.10 1.08 0.00	34.70 0.95 0.00	33.70 1.00 0.00	33.05 0.89 0.00	29.44 0.75 0.00	25.05 0.76 0.00
GREENIDGE_115KV_TB5 80291	33.45 -0.27 -0.55	29.37 -0.30 -0.08	17.20 -0.26 0.00	26.27 -0.46 0.00	24.24 -0.43 0.00	25.44 -0.33 -0.13	31.07 -0.37 -0.38	32.63 -0.35 -0.06	29.36 -0.53 -0.50	28.68 -0.53 -0.04	27.22 -0.42 -0.62	27.61 -0.65 -0.70	28.14 -0.49 -0.73	37.11 -0.86 -1.39	35.84 -0.80 -1.68	34.97 -0.55 -1.84	50.87 -0.66 -3.54	52.98 -0.82 -3.61	40.84 -0.51 -2.33	34.66 -0.14 -1.05	32.66 -0.33 -0.30	31.88 -0.29 0.00	28.57 -0.12 0.00	24.07 -0.22 0.00
GREENIDGE___3 23582	33.45 -0.27 -0.55	29.37 -0.30 -0.08	17.20 -0.26 0.00	26.27 -0.46 0.00	24.24 -0.43 0.00	25.44 -0.33 -0.13	31.07 -0.37 -0.38	32.63 -0.35 -0.06	29.36 -0.53 -0.50	28.68 -0.53 -0.04	27.22 -0.42 -0.62	27.61 -0.65 -0.70	28.14 -0.49 -0.73	37.11 -0.86 -1.39	35.84 -0.80 -1.68	34.97 -0.55 -1.84	50.87 -0.66 -3.54	52.98 -0.82 -3.61	40.84 -0.51 -2.33	34.66 -0.14 -1.05	32.66 -0.33 -0.30	31.88 -0.29 0.00	28.57 -0.12 0.00	24.07 -0.22 0.00
GREENIDGE___4 23583	33.46 -0.27 -0.55	29.37 -0.30 -0.08	17.20 -0.26 0.00	26.27 -0.46 0.00	24.24 -0.43 0.00	25.44 -0.33 -0.13	31.07 -0.37 -0.38	32.64 -0.35 -0.06	29.37 -0.52 -0.50	28.67 -0.54 -0.04	27.21 -0.42 -0.62	27.62 -0.64 -0.70	28.15 -0.49 -0.73	37.08 -0.89 -1.39	35.84 -0.80 -1.68	34.98 -0.55 -1.84	50.88 -0.65 -3.54	52.98 -0.82 -3.61	40.84 -0.51 -2.33	34.67 -0.14 -1.05	32.66 -0.33 -0.30	31.88 -0.29 0.00	28.58 -0.11 0.00	24.07 -0.22 0.00
GREENLWN_69_KV_BK 3 55738	38.46 3.14 -2.15	38.72 2.84 -6.29	83.21 1.73 -64.02	35.63 2.49 -6.41	83.80 2.23 -56.90	49.28 2.23 -21.40	33.84 2.78 0.00	37.14 3.00 -1.22	60.02 2.76 -27.87	54.09 2.94 -21.98	59.56 3.07 -29.48	59.88 3.14 -29.19	60.30 3.27 -29.13	55.99 4.13 -15.28	55.07 4.05 -16.07	31.10 3.77 6.36	26.99 5.18 26.18	-1.77 5.35 57.31	-2.28 3.84 45.14	24.29 2.99 12.45	9.39 3.06 26.36	26.54 3.03 8.65	31.29 2.61 0.00	43.55 2.28 -16.98
GREENWD_138_KV_38B11_REV_LBMP_J 345004	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61
GRISSOM___SOLAR 323813	37.27 4.09 0.00	33.10 3.51 0.00	19.47 2.01 0.00	29.74 3.01 0.00	27.45 2.78 0.00	28.61 2.97 0.00	34.56 3.51 0.00	36.00 3.09 0.00	30.98 1.59 0.00	29.98 0.81 0.00	27.37 0.36 0.00	28.18 0.63 0.00	28.49 0.59 0.00	37.66 1.15 0.07	35.96 1.01 0.00	34.73 1.04 0.00	49.52 1.53 0.00	52.24 2.04 0.00	42.16 3.14 0.00	37.84 4.08 0.00	37.22 4.53 0.00	36.57 4.40 0.00	32.43 3.74 0.00	27.10 2.82 0.00
GROVEVILLE___HYD 323602	35.89 2.72 0.00	31.97 2.39 0.00	18.84 1.39 0.00	28.80 2.07 0.00	26.60 1.93 0.00	27.63 1.99 0.00	33.58 2.52 0.00	35.73 2.81 0.00	36.55 2.78 -4.38	34.01 2.96 -1.88	29.88 2.86 0.00	30.50 2.94 0.00	30.94 3.03 0.00	40.40 3.87 0.06	38.84 3.89 0.00	37.30 3.61 0.00	52.74 4.75 0.00	55.29 5.10 0.00	42.72 3.69 0.00	36.75 2.99 0.00	35.74 3.04 0.00	35.12 2.95 0.00	31.23 2.54 0.00	26.40 2.11 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.24 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.11 -0.23 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.80 -0.21 0.58	33.65 -0.14 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.95 -0.21 0.00	28.53 -0.16 0.00	24.09 -0.20 0.00

HAMLTNNY_34_KV_TB 80303	34.87 -0.12 -1.82	29.68 -0.16 -0.26	17.33 -0.13 0.00	26.50 -0.23 0.00	24.45 -0.22 0.00	25.86 -0.22 -0.43	32.14 -0.19 -1.28	32.96 -0.09 -0.14	30.32 -0.16 -1.09	29.14 -0.12 -0.10	27.47 -0.04 -0.50	29.02 -0.06 -1.52	27.33 -0.03 0.55	36.89 -0.14 -0.43	34.75 -0.05 0.15	37.69 -0.01 -4.01	55.76 0.04 -7.74	58.10 0.03 -7.88	44.13 0.02 -5.09	36.13 0.08 -2.30	33.28 -0.07 -0.65	32.00 -0.17 0.00	28.58 -0.11 0.00	24.11 -0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	32.32 -1.63 -0.78	28.30 -1.38 -0.09	16.63 -0.82 0.00	25.47 -1.27 0.00	23.46 -1.21 0.00	24.69 -1.09 -0.14	30.27 -1.20 -0.41	31.63 -1.32 -0.03	28.45 -1.19 -0.26	27.80 -1.39 -0.02	-1.76 -1.44 27.33	25.95 -1.46 0.15	-42.13 -1.58 68.45	-95.12 -1.89 129.82	-96.02 -2.06 128.91	32.56 -2.08 -0.95	46.96 -2.91 -1.88	49.32 -2.79 -1.92	38.29 -1.97 -1.24	32.75 -1.57 -0.56	31.87 -0.98 -0.16	31.19 -0.98 0.00	27.75 -0.94 0.00	23.42 -0.87 0.00
HARDSCRABBLE_WT_PWR 323673	34.09 0.92 0.00	30.44 0.85 0.00	17.94 0.49 0.00	27.48 0.75 0.00	25.37 0.70 0.00	26.38 0.74 0.00	31.92 0.86 0.00	33.70 0.78 0.00	29.86 0.47 0.00	29.59 0.42 0.00	26.38 0.28 0.92	27.86 0.32 0.02	26.01 0.38 2.28	34.58 0.45 2.46	31.72 0.44 3.67	33.98 0.29 0.00	48.48 0.49 0.00	50.91 0.72 0.00	39.92 0.90 0.00	34.78 1.02 0.00	33.76 1.06 0.00	33.20 1.04 0.00	29.47 0.78 0.00	24.96 0.66 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.41 2.40 1.15	31.24 2.11 0.46	-27.72 1.26 46.43	28.58 1.84 0.00	26.40 1.72 0.00	27.39 1.75 0.00	33.21 2.15 0.00	33.98 2.41 1.34	2.00 2.28 29.67	19.62 2.35 11.90	29.33 2.32 0.00	29.95 2.39 0.00	30.36 2.46 0.00	39.66 3.14 0.07	38.17 3.22 0.00	36.79 3.10 0.00	52.24 4.25 0.00	54.81 4.62 0.00	42.28 3.26 0.00	36.37 2.61 0.00	35.38 2.69 0.00	34.78 2.62 0.00	30.95 2.26 0.00	26.18 1.89 0.00
HARSNRAD_115KV_TB1 81005	31.19 -1.99 0.00	27.83 -1.75 0.00	16.24 -1.21 0.00	24.79 -1.94 0.00	22.94 -1.73 0.00	23.99 -1.65 0.00	29.07 -1.99 0.00	30.61 -2.30 0.00	26.73 -2.66 0.00	26.73 -2.44 0.00	25.03 -1.99 0.00	25.39 -2.16 0.00	25.80 -2.11 0.00	31.59 -3.19 1.80	31.94 -2.92 0.09	31.28 -2.42 0.00	44.76 -3.23 0.00	47.68 -4.11 -1.60	35.87 -3.15 -0.01	31.40 -2.36 0.00	30.16 -2.54 0.00	29.79 -2.37 0.00	26.98 -1.71 0.00	22.79 -1.50 0.00
HARZA MOOSE___RIVER 24016	33.92 -0.20 -0.95	29.65 -0.03 -0.09	17.42 -0.04 0.00	26.67 -0.06 0.00	24.58 -0.09 0.00	25.84 0.08 -0.12	31.65 0.23 -0.35	33.17 0.22 -0.03	29.73 0.13 -0.21	29.20 0.01 -0.02	19.44 -0.12 7.46	27.58 -0.13 -0.15	8.78 -0.22 18.91	1.66 -0.25 34.68	-0.52 -0.30 35.16	34.00 -0.46 -0.77	49.00 -0.49 -1.50	51.40 -0.32 -1.53	39.99 -0.02 -0.99	34.32 0.12 -0.45	33.33 0.51 -0.13	32.68 0.52 0.00	29.08 0.38 0.00	24.52 0.22 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.78 -0.38 -0.99	29.32 -0.40 -0.14	17.19 -0.27 0.00	26.29 -0.44 0.00	24.26 -0.41 0.00	25.47 -0.39 -0.23	31.32 -0.41 -0.67	32.49 -0.45 -0.02	29.06 -0.51 -0.18	28.73 -0.45 -0.02	25.79 -0.35 0.87	27.43 -0.36 -0.23	25.08 -0.38 2.46	32.16 -0.57 3.86	30.13 -0.50 4.32	33.89 -0.44 -0.65	48.65 -0.59 -1.25	50.79 -0.68 -1.28	39.32 -0.52 -0.82	33.66 -0.47 -0.37	32.25 -0.54 -0.11	31.72 -0.44 0.00	28.34 -0.35 0.00	23.93 -0.36 0.00
HELLGATE_13_KV_LD 55870	36.51 2.62 -0.72	32.28 2.41 -0.29	47.96 1.44 -29.07	28.83 2.10 0.00	26.65 1.98 0.00	27.68 2.04 0.00	33.64 2.58 0.00	37.04 2.91 -1.21	58.92 2.75 -26.78	42.72 2.81 -10.74	30.63 2.77 -0.84	30.41 2.85 0.00	30.79 2.89 0.00	40.10 3.57 0.06	38.63 3.69 0.00	37.18 3.50 0.00	52.66 4.68 0.00	55.18 4.99 0.00	42.48 3.46 0.00	36.58 2.83 0.00	35.68 2.99 0.00	35.21 3.04 0.00	31.33 2.64 0.00	26.49 2.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.51 2.62 -0.72	32.28 2.41 -0.29	47.96 1.44 -29.07	28.83 2.10 0.00	26.65 1.98 0.00	27.68 2.04 0.00	33.64 2.58 0.00	37.04 2.91 -1.21	58.92 2.75 -26.78	42.72 2.81 -10.74	30.63 2.77 -0.84	30.41 2.85 0.00	30.79 2.89 0.00	40.10 3.57 0.06	38.63 3.69 0.00	37.18 3.50 0.00	52.66 4.68 0.00	55.18 4.99 0.00	42.48 3.46 0.00	36.58 2.83 0.00	35.68 2.99 0.00	35.21 3.04 0.00	31.33 2.64 0.00	26.49 2.20 0.00
HEMPSTEAD____ 23647	38.28 2.95 -2.15	38.48 2.61 -6.29	83.06 1.58 -64.03	35.46 2.32 -6.41	83.77 2.19 -56.90	49.31 2.26 -21.41	33.85 2.79 0.00	37.22 3.08 -1.22	60.11 2.85 -27.87	54.57 3.01 -22.38	64.02 2.89 -34.12	59.75 2.96 -29.23	62.34 3.02 -31.42	65.83 3.87 -25.37	68.53 3.94 -29.63	60.63 3.76 -23.19	54.59 5.16 -1.44	59.41 5.44 -3.78	43.12 3.89 -0.21	36.79 3.03 0.00	35.76 3.06 0.00	39.99 3.09 -4.74	31.34 2.65 0.00	43.53 2.25 -16.99
HEWLETT_69_KV_BK3 55828	38.54 3.21 -2.15	38.86 2.98 -6.29	83.28 1.80 -64.02	35.78 2.64 -6.41	84.03 2.46 -56.90	49.58 2.54 -21.40	34.15 3.09 0.00	37.51 3.37 -1.22	60.29 3.03 -27.87	54.68 3.13 -22.38	64.09 2.96 -34.11	59.81 3.02 -29.23	62.42 3.10 -31.42	65.89 3.93 -25.37	68.61 4.02 -29.63	60.72 3.84 -23.19	54.71 5.28 -1.44	59.60 5.62 -3.78	43.23 4.01 -0.21	36.93 3.17 0.00	36.04 3.35 0.00	40.28 3.38 -4.74	31.63 2.94 0.00	43.80 2.53 -16.98
HICKLING___1 23621	33.62 -0.10 -0.55	29.40 -0.26 -0.08	17.21 -0.25 0.00	26.31 -0.43 0.00	24.22 -0.45 0.00	25.45 -0.31 -0.13	31.18 -0.26 -0.38	32.74 -0.25 -0.08	29.61 -0.42 -0.64	28.83 -0.39 -0.06	27.61 -0.20 -0.80	28.26 -0.21 -0.91	28.59 -0.25 -0.94	37.65 -0.47 -1.53	36.87 -0.24 -2.16	35.87 -0.19 -2.36	52.43 -0.12 -4.56	54.74 -0.10 -4.65	41.77 -0.26 -3.00	35.06 -0.05 -1.35	32.73 -0.35 -0.38	31.96 -0.21 0.00	28.58 -0.11 0.00	24.03 -0.26 0.00
HICKLING___2 23622	33.62 -0.10 -0.55	29.40 -0.26 -0.08	17.21 -0.25 0.00	26.31 -0.43 0.00	24.22 -0.45 0.00	25.45 -0.31 -0.13	31.18 -0.26 -0.38	32.74 -0.25 -0.08	29.61 -0.42 -0.64	28.83 -0.39 -0.06	27.61 -0.20 -0.80	28.26 -0.21 -0.91	28.59 -0.25 -0.94	37.65 -0.47 -1.53	36.87 -0.24 -2.16	35.87 -0.19 -2.36	52.43 -0.12 -4.56	54.74 -0.10 -4.65	41.77 -0.26 -3.00	35.06 -0.05 -1.35	32.73 -0.35 -0.38	31.96 -0.21 0.00	28.58 -0.11 0.00	24.03 -0.26 0.00
HIGH FALLS___HY 23754	35.63 2.46 0.00	31.71 2.13 0.00	18.70 1.24 0.00	28.55 1.82 0.00	26.36 1.69 0.00	27.39 1.75 0.00	33.30 2.24 0.00	35.46 2.54 0.00	31.82 2.43 0.00	31.64 2.46 0.00	29.46 2.44 0.00	30.07 2.52 0.00	30.45 2.54 0.00	39.88 3.36 0.06	38.37 3.43 0.00	37.05 3.36 0.00	52.49 4.51 0.00	55.07 4.87 0.00	42.57 3.55 0.00	36.62 2.86 0.00	35.54 2.85 0.00	34.95 2.79 0.00	31.09 2.40 0.00	26.21 1.92 0.00
HIGH_RIVER___SOLAR 323847	34.84 1.67 0.00	31.06 1.47 0.00	18.30 0.84 0.00	28.01 1.28 0.00	25.86 1.18 0.00	26.88 1.24 0.00	32.59 1.52 0.00	34.35 1.43 0.00	30.38 0.99 0.00	29.96 0.79 0.00	27.61 0.59 0.00	28.19 0.63 0.00	28.57 0.67 0.00	37.40 0.87 0.05	35.82 0.88 0.00	34.59 0.90 0.00	49.19 1.20 0.00	51.76 1.56 0.00	40.55 1.53 0.00	35.38 1.62 0.00	34.48 1.78 0.00	33.89 1.73 0.00	30.15 1.46 0.00	25.52 1.23 0.00

HILLBURN___GT 23639	34.14 2.28 1.31	31.09 2.02 0.52	-34.12 1.22 52.79	28.52 1.79 0.00	26.35 1.68 0.00	27.33 1.69 0.00	33.15 2.09 0.00	33.70 2.35 1.56	-2.97 2.22 34.59	17.61 2.31 13.87	29.29 2.27 0.00	29.89 2.34 0.00	30.31 2.40 0.00	39.59 3.06 0.07	38.08 3.13 0.00	36.68 2.99 0.00	52.04 4.05 0.00	54.58 4.38 0.00	42.07 3.05 0.00	36.18 2.42 0.00	35.24 2.55 0.00	34.67 2.51 0.00	30.87 2.18 0.00	26.14 1.85 0.00
HILLSIDE_115KV_TB1 80332	33.28 -0.46 -0.57	29.09 -0.57 -0.08	17.03 -0.42 0.00	26.05 -0.68 0.00	23.98 -0.69 0.00	25.20 -0.58 -0.13	30.86 -0.60 -0.39	32.42 -0.58 -0.08	29.39 -0.67 -0.67	28.57 -0.66 -0.06	27.40 -0.44 -0.83	28.09 -0.41 -0.94	28.42 -0.47 -0.98	37.52 -0.72 -1.65	36.74 -0.46 -2.25	35.70 -0.45 -2.46	52.21 -0.53 -4.75	54.53 -0.50 -4.84	41.51 -0.63 -3.13	34.76 -0.40 -1.41	32.38 -0.71 -0.40	31.60 -0.56 0.00	28.27 -0.42 0.00	23.76 -0.53 0.00
HISHELDN_WT_PWR 323625	31.83 -1.34 0.00	28.29 -1.30 0.00	16.54 -0.92 0.00	25.27 -1.46 0.00	23.33 -1.34 0.00	24.39 -1.25 0.00	29.61 -1.46 0.00	31.30 -1.65 -0.03	27.74 -1.89 -0.24	27.46 -1.73 -0.02	25.90 -1.41 -0.30	26.37 -1.53 -0.34	26.70 -1.55 -0.35	33.18 -2.41 0.99	33.58 -2.10 -0.72	32.81 -1.76 -0.89	47.39 -2.31 -1.71	49.55 -2.90 -2.25	37.86 -2.28 -1.13	32.63 -1.63 -0.51	31.00 -1.84 -0.14	30.50 -1.66 0.00	27.53 -1.16 0.00	23.22 -1.07 0.00
HOLTSVILLE_IC_1 23690	38.75 3.42 -2.15	38.89 3.02 -6.29	83.27 1.79 -64.03	35.81 2.67 -6.41	84.00 2.42 -56.90	49.52 2.48 -21.41	34.15 3.08 0.00	37.55 3.41 -1.22	60.34 3.08 -27.87	56.68 3.33 -24.17	85.16 3.32 -54.82	60.36 3.40 -29.40	73.01 3.46 -41.64	111.48 4.43 -70.46	144.66 4.32 -105.39	192.96 4.11 -155.17	178.33 5.58 -124.75	280.46 5.86 -224.40	135.91 4.29 -92.60	70.67 3.36 -33.55	153.82 3.42 -117.70	100.16 3.45 -64.55	31.65 2.96 0.00	43.83 2.55 -16.99
HOLTSVILLE_IC_10 23699	38.99 3.66 -2.15	39.09 3.22 -6.29	83.39 1.91 -64.03	35.97 2.83 -6.41	84.14 2.57 -56.90	49.68 2.63 -21.41	34.34 3.28 0.00	37.78 3.64 -1.22	60.53 3.27 -27.87	57.04 3.55 -24.31	87.03 3.57 -56.45	60.62 3.65 -29.42	74.06 3.71 -42.44	115.34 4.75 -74.00	148.41 4.65 -108.81	203.65 4.44 -165.52	188.48 6.07 -134.43	306.69 6.13 -250.36	161.75 4.62 -118.11	77.28 3.69 -39.84	163.36 3.73 -126.94	105.12 3.72 -69.24	31.87 3.18 0.00	44.00 2.73 -16.99
HOLTSVILLE_IC_2 23691	38.75 3.42 -2.15	38.89 3.02 -6.29	83.27 1.79 -64.03	35.81 2.67 -6.41	84.00 2.42 -56.90	49.52 2.48 -21.41	34.15 3.08 0.00	37.55 3.41 -1.22	60.34 3.08 -27.87	56.68 3.33 -24.17	85.16 3.32 -54.82	60.36 3.40 -29.40	73.01 3.46 -41.64	111.48 4.43 -70.46	144.66 4.32 -105.39	192.96 4.11 -155.17	178.33 5.58 -124.75	280.46 5.86 -224.40	135.91 4.29 -92.60	70.67 3.36 -33.55	153.82 3.42 -117.70	100.16 3.45 -64.55	31.65 2.96 0.00	43.83 2.55 -16.99
HOLTSVILLE_IC_3 23692	38.75 3.42 -2.15	38.89 3.02 -6.29	83.27 1.79 -64.03	35.81 2.67 -6.41	84.00 2.42 -56.90	49.52 2.48 -21.41	34.15 3.08 0.00	37.55 3.41 -1.22	60.34 3.08 -27.87	56.68 3.33 -24.17	85.16 3.32 -54.82	60.36 3.40 -29.40	73.01 3.46 -41.64	111.48 4.43 -70.46	144.66 4.32 -105.39	192.96 4.11 -155.17	178.33 5.58 -124.75	280.46 5.86 -224.40	135.91 4.29 -92.60	70.67 3.36 -33.55	153.82 3.42 -117.70	100.16 3.45 -64.55	31.65 2.96 0.00	43.83 2.55 -16.99
HOLTSVILLE_IC_4 23693	38.75 3.42 -2.15	38.89 3.02 -6.29	83.27 1.79 -64.03	35.81 2.67 -6.41	84.00 2.42 -56.90	49.52 2.48 -21.41	34.15 3.08 0.00	37.55 3.41 -1.22	60.34 3.08 -27.87	56.68 3.33 -24.17	85.16 3.32 -54.82	60.36 3.40 -29.40	73.01 3.46 -41.64	111.48 4.43 -70.46	144.66 4.32 -105.39	192.96 4.11 -155.17	178.33 5.58 -124.75	280.46 5.86 -224.40	135.91 4.29 -92.60	70.67 3.36 -33.55	153.82 3.42 -117.70	100.16 3.45 -64.55	31.65 2.96 0.00	43.83 2.55 -16.99
HOLTSVILLE_IC_5 23694	38.75 3.42 -2.15	38.89 3.02 -6.29	83.27 1.79 -64.03	35.81 2.67 -6.41	84.00 2.42 -56.90	49.52 2.48 -21.41	34.15 3.08 0.00	37.55 3.41 -1.22	60.34 3.08 -27.87	56.68 3.33 -24.17	85.16 3.32 -54.82	60.36 3.40 -29.40	73.01 3.46 -41.64	111.48 4.43 -70.46	144.66 4.32 -105.39	192.96 4.11 -155.17	178.33 5.58 -124.75	280.46 5.86 -224.40	135.91 4.29 -92.60	70.67 3.36 -33.55	153.82 3.42 -117.70	100.16 3.45 -64.55	31.65 2.96 0.00	43.83 2.55 -16.99
HOLTSVILLE_IC_6 23695	38.99 3.66 -2.15	39.09 3.22 -6.29	83.39 1.91 -64.03	35.97 2.83 -6.41	84.14 2.57 -56.90	49.68 2.63 -21.41	34.34 3.28 0.00	37.78 3.64 -1.22	60.53 3.27 -27.87	57.04 3.55 -24.31	87.03 3.57 -56.45	60.62 3.65 -29.42	74.06 3.71 -42.44	115.34 4.75 -74.00	148.41 4.65 -108.81	203.65 4.44 -165.52	188.48 6.07 -134.43	306.69 6.13 -250.36	161.75 4.62 -118.11	77.28 3.69 -39.84	163.36 3.73 -126.94	105.12 3.72 -69.24	31.87 3.18 0.00	44.00 2.73 -16.99
HOLTSVILLE_IC_7 23696	38.99 3.66 -2.15	39.09 3.22 -6.29	83.39 1.91 -64.03	35.97 2.83 -6.41	84.14 2.57 -56.90	49.68 2.63 -21.41	34.34 3.28 0.00	37.78 3.64 -1.22	60.53 3.27 -27.87	57.04 3.55 -24.31	87.03 3.57 -56.45	60.62 3.65 -29.42	74.06 3.71 -42.44	115.34 4.75 -74.00	148.41 4.65 -108.81	203.65 4.44 -165.52	188.48 6.07 -134.43	306.69 6.13 -250.36	161.75 4.62 -118.11	77.28 3.69 -39.84	163.36 3.73 -126.94	105.12 3.72 -69.24	31.87 3.18 0.00	44.00 2.73 -16.99
HOLTSVILLE_IC_8 23697	38.99 3.66 -2.15	39.09 3.22 -6.29	83.39 1.91 -64.03	35.97 2.83 -6.41	84.14 2.57 -56.90	49.68 2.63 -21.41	34.34 3.28 0.00	37.78 3.64 -1.22	60.53 3.27 -27.87	57.04 3.55 -24.31	87.03 3.57 -56.45	60.62 3.65 -29.42	74.06 3.71 -42.44	115.34 4.75 -74.00	148.41 4.65 -108.81	203.65 4.44 -165.52	188.48 6.07 -134.43	306.69 6.13 -250.36	161.75 4.62 -118.11	77.28 3.69 -39.84	163.36 3.73 -126.94	105.12 3.72 -69.24	31.87 3.18 0.00	44.00 2.73 -16.99
HOLTSVILLE_IC_9 23698	38.99 3.66 -2.15	39.09 3.22 -6.29	83.39 1.91 -64.03	35.97 2.83 -6.41	84.14 2.57 -56.90	49.68 2.63 -21.41	34.34 3.28 0.00	37.78 3.64 -1.22	60.53 3.27 -27.87	57.04 3.55 -24.31	87.03 3.57 -56.45	60.62 3.65 -29.42	74.06 3.71 -42.44	115.34 4.75 -74.00	148.41 4.65 -108.81	203.65 4.44 -165.52	188.48 6.07 -134.43	306.69 6.13 -250.36	161.75 4.62 -118.11	77.28 3.69 -39.84	163.36 3.73 -126.94	105.12 3.72 -69.24	31.87 3.18 0.00	44.00 2.73 -16.99
HOMER_HL_115KV_TB2 355744	32.36 -0.81 0.00	28.72 -0.86 0.00	16.75 -0.71 0.00	25.67 -1.06 0.00	23.69 -0.98 0.00	24.78 -0.86 0.00	30.12 -0.94 0.00	31.91 -1.04 -0.04	28.35 -1.33 -0.28	28.15 -1.05 -0.03	26.46 -0.90 -0.35	26.87 -1.09 -0.40	27.12 -1.19 -0.41	34.19 -1.62 0.78	34.39 -1.43 -0.87	33.51 -1.22 -1.04	48.53 -1.46 -2.00	51.19 -1.85 -2.85	38.60 -1.75 -1.32	33.00 -1.35 -0.59	31.30 -1.56 -0.17	30.94 -1.23 0.00	27.89 -0.80 0.00	23.50 -0.79 0.00
HOWARD_WT_PWR 323690	33.28 -0.30 -0.41	29.11 -0.54 -0.06	17.01 -0.45 0.00	25.87 -0.86 0.00	23.85 -0.82 0.00	25.08 -0.65 -0.09	30.87 -0.47 -0.28	32.43 -0.55 -0.06	29.02 -0.84 -0.47	28.48 -0.73 -0.04	27.01 -0.59 -0.58	27.42 -0.80 -0.66	27.80 -0.78 -0.68	35.94 -1.34 -0.69	35.38 -1.12 -1.55	34.60 -0.81 -1.72	50.37 -0.94 -3.33	52.74 -1.18 -3.73	40.22 -0.99 -2.19	34.29 -0.45 -0.99	32.42 -0.56 -0.28	31.78 -0.39 0.00	28.57 -0.12 0.00	24.06 -0.22 0.00

HQ_GEN_CEDARS 23644	32.27 -0.90 0.00	28.74 -0.85 0.00	16.95 -0.51 0.00	25.98 -0.75 0.00	23.97 -0.70 0.00	24.93 -0.71 0.00	30.15 -0.91 0.00	31.83 -1.08 0.00	28.46 -0.93 0.00	28.20 -0.97 0.00	-31.28 -0.98 57.31	25.50 -1.00 1.06	-115.75 -1.02 142.64	-231.60 -1.22 266.97	-233.96 -1.31 267.59	32.57 -1.12 0.00	46.41 -1.58 0.00	48.57 -1.62 0.00	37.77 -1.25 0.00	32.68 -1.09 0.00	31.84 -0.86 0.00	31.34 -0.82 0.00	27.97 -0.72 0.00	23.67 -0.62 0.00
HQ_GEN_CEDARS_PROXY 323590	32.27 -0.90 0.00	28.74 -0.85 0.00	16.95 -0.51 0.00	25.98 -0.75 0.00	23.97 -0.70 0.00	24.93 -0.71 0.00	30.15 -0.91 0.00	31.83 -1.08 0.00	28.46 -0.94 0.00	28.20 -0.97 0.00	-31.28 -0.98 57.31	25.50 -0.99 1.06	-115.75 -1.02 142.64	-231.60 -1.22 266.97	-233.96 -1.31 267.59	32.57 -1.12 0.00	46.40 -1.58 0.00	30.18 -1.62 18.39	19.13 -1.25 18.63	16.06 -1.09 16.61	15.90 -0.86 15.94	31.34 -0.82 0.00	27.97 -0.72 0.00	23.67 -0.62 0.00
HQ_GEN_IMPORT 323601	32.70 -0.47 0.00	29.16 -0.43 0.00	17.21 -0.25 0.00	26.38 -0.35 0.00	24.33 -0.34 0.00	25.29 -0.35 0.00	30.58 -0.48 0.00	32.34 -0.58 0.00	28.91 -0.48 0.00	28.65 -0.52 0.00	28.53 -0.53 -2.05	27.07 -0.53 -0.04	32.47 -0.53 -5.09	38.23 -0.57 -2.21	41.37 -0.64 -7.06	32.24 -0.57 0.88	47.17 -0.82 0.00	49.31 -0.89 0.00	38.36 -0.66 0.00	33.23 -0.53 0.00	33.33 -0.43 -1.07	31.74 -0.42 0.00	28.33 -0.36 0.00	23.98 -0.31 0.00
HQ_GEN_WHEEL 23651	32.70 -0.47 0.00	29.16 -0.43 0.00	17.21 -0.25 0.00	26.38 -0.35 0.00	24.33 -0.34 0.00	25.29 -0.35 0.00	30.58 -0.48 0.00	32.34 -0.58 0.00	28.91 -0.48 0.00	28.65 -0.52 0.00	28.53 -0.53 -2.05	27.07 -0.53 -0.04	32.47 -0.53 -5.09	38.23 -0.57 -2.21	41.37 -0.64 -7.06	32.24 -0.57 0.88	47.17 -0.82 0.00	49.31 -0.89 0.00	38.36 -0.66 0.00	33.23 -0.53 0.00	33.33 -0.43 -1.07	31.74 -0.42 0.00	28.33 -0.36 0.00	23.98 -0.31 0.00
HUDSON AVE_GT_3 23810	36.62 2.73 -0.72	32.32 2.45 -0.29	48.01 1.48 -29.08	28.88 2.14 0.00	26.69 2.02 0.00	27.71 2.07 0.00	33.66 2.60 0.00	37.05 2.93 -1.21	58.94 2.76 -26.79	42.78 2.86 -10.74	29.80 2.78 0.00	30.42 2.86 0.00	30.84 2.94 0.00	40.23 3.70 0.06	38.74 3.79 0.00	37.29 3.60 0.00	52.86 4.88 0.00	55.41 5.22 0.00	42.66 3.64 0.00	36.68 2.92 0.00	35.72 3.02 0.00	35.21 3.05 0.00	31.36 2.67 0.00	26.51 2.22 0.00
HUDSON AVE_GT_4 23540	36.62 2.73 -0.72	32.32 2.45 -0.29	48.01 1.48 -29.08	28.88 2.14 0.00	26.69 2.02 0.00	27.71 2.07 0.00	33.66 2.60 0.00	37.05 2.93 -1.21	58.94 2.76 -26.79	42.78 2.86 -10.74	29.80 2.78 0.00	30.42 2.86 0.00	30.84 2.94 0.00	40.23 3.70 0.06	38.74 3.79 0.00	37.29 3.60 0.00	52.86 4.88 0.00	55.41 5.22 0.00	42.66 3.64 0.00	36.68 2.92 0.00	35.72 3.02 0.00	35.21 3.05 0.00	31.36 2.67 0.00	26.51 2.22 0.00
HUDSON AVE_GT_5 23657	36.62 2.73 -0.72	32.32 2.45 -0.29	48.01 1.48 -29.08	28.88 2.14 0.00	26.69 2.02 0.00	27.71 2.07 0.00	33.66 2.60 0.00	37.05 2.93 -1.21	58.94 2.76 -26.79	42.78 2.86 -10.74	29.80 2.78 0.00	30.42 2.86 0.00	30.84 2.94 0.00	40.23 3.70 0.06	38.74 3.79 0.00	37.29 3.60 0.00	52.86 4.88 0.00	55.41 5.22 0.00	42.66 3.64 0.00	36.68 2.92 0.00	35.72 3.02 0.00	35.21 3.05 0.00	31.36 2.67 0.00	26.51 2.22 0.00
HUDSON_AVE_10 24168	36.50 2.60 -0.72	32.22 2.34 -0.29	47.95 1.42 -29.08	28.78 2.05 0.00	26.62 1.95 0.00	27.63 1.99 0.00	33.56 2.50 0.00	36.96 2.83 -1.21	58.87 2.68 -26.79	42.68 2.76 -10.74	29.70 2.69 0.00	30.34 2.78 0.00	30.76 2.85 0.00	40.10 3.58 0.06	38.63 3.69 0.00	37.18 3.49 0.00	52.68 4.70 0.00	55.27 5.07 0.00	42.54 3.52 0.00	36.58 2.83 0.00	35.64 2.95 0.00	35.13 2.97 0.00	31.28 2.59 0.00	26.45 2.16 0.00
HUDSON___115KV_TB 4 355613	35.03 1.86 0.00	31.28 1.69 0.00	18.46 1.01 0.00	28.28 1.55 0.00	26.12 1.45 0.00	27.09 1.45 0.00	32.77 1.71 0.00	34.67 1.75 0.00	30.96 1.57 0.00	30.55 1.39 0.00	28.16 1.14 0.00	28.69 1.14 0.00	29.06 1.15 0.00	37.96 1.42 0.05	36.35 1.40 0.00	34.97 1.28 0.00	49.97 1.98 0.00	52.38 2.19 0.00	40.98 1.96 0.00	35.62 1.87 0.00	34.55 1.86 0.00	33.88 1.72 0.00	30.12 1.43 0.00	25.62 1.33 0.00
HUNTER MOUNT___DRP 323613	35.23 2.06 0.00	31.44 1.85 0.00	18.55 1.10 0.00	28.42 1.69 0.00	26.26 1.59 0.00	27.24 1.60 0.00	32.98 1.92 0.00	34.88 1.96 0.00	31.14 1.75 0.00	30.66 1.49 0.00	28.19 1.17 0.00	28.74 1.18 0.00	29.09 1.19 0.00	38.01 1.47 0.05	36.42 1.47 0.00	35.02 1.33 0.00	50.13 2.14 0.00	52.59 2.40 0.00	41.23 2.21 0.00	35.89 2.14 0.00	34.81 2.11 0.00	34.11 1.94 0.00	30.29 1.60 0.00	25.74 1.45 0.00
HUNTINGTON_RES_REC 323705	38.73 3.41 -2.15	38.91 3.03 -6.29	83.30 1.82 -64.03	35.79 2.65 -6.41	83.97 2.39 -56.90	49.46 2.42 -21.41	34.07 3.01 0.00	37.43 3.29 -1.22	60.23 2.97 -27.87	59.31 3.23 -26.92	116.92 3.34 -86.56	60.62 3.40 -29.67	88.72 3.51 -57.30	180.58 4.43 -139.56	240.62 4.38 -201.28	395.25 4.11 -357.45	367.42 5.65 -313.79	687.69 5.89 -631.60	423.57 4.28 -380.28	151.34 3.36 -114.22	334.08 3.41 -297.98	191.73 3.37 -156.19	31.57 2.88 0.00	43.77 2.50 -16.99
HUNTLEY___63 23557	31.43 -1.74 0.00	27.97 -1.62 0.00	16.33 -1.13 0.00	24.89 -1.84 0.00	23.02 -1.65 0.00	24.07 -1.56 0.00	29.19 -1.87 0.00	30.76 -2.17 -0.02	27.02 -2.49 -0.12	26.93 -2.25 -0.01	25.35 -1.82 -0.15	25.75 -1.98 -0.17	26.14 -1.94 -0.17	32.21 -2.94 1.44	32.63 -2.65 -0.33	31.99 -2.15 -0.45	45.95 -2.90 -0.86	54.68 -3.75 -8.23	36.75 -2.86 -0.59	31.88 -2.13 -0.26	30.41 -2.36 -0.07	29.96 -2.20 0.00	27.14 -1.55 0.00	22.89 -1.39 0.00
HUNTLEY___64 23558	31.43 -1.74 0.00	27.97 -1.62 0.00	16.33 -1.13 0.00	24.89 -1.84 0.00	23.02 -1.65 0.00	24.07 -1.56 0.00	29.19 -1.87 0.00	30.76 -2.17 -0.02	27.02 -2.49 -0.12	26.93 -2.25 -0.01	25.35 -1.82 -0.15	25.75 -1.98 -0.17	26.14 -1.94 -0.17	32.21 -2.94 1.44	32.63 -2.65 -0.33	31.99 -2.15 -0.45	45.95 -2.90 -0.86	54.68 -3.75 -8.23	36.75 -2.86 -0.59	31.88 -2.13 -0.26	30.41 -2.36 -0.07	29.96 -2.20 0.00	27.14 -1.55 0.00	22.89 -1.39 0.00
HUNTLEY___65 23559	31.43 -1.74 0.00	27.97 -1.62 0.00	16.33 -1.13 0.00	24.89 -1.84 0.00	23.02 -1.65 0.00	24.07 -1.56 0.00	29.19 -1.87 0.00	30.76 -2.17 -0.02	27.02 -2.49 -0.12	26.93 -2.25 -0.01	25.35 -1.82 -0.15	25.75 -1.98 -0.17	26.14 -1.94 -0.17	32.21 -2.94 1.44	32.63 -2.65 -0.33	31.99 -2.15 -0.45	45.95 -2.90 -0.86	54.68 -3.75 -8.23	36.75 -2.86 -0.59	31.88 -2.13 -0.26	30.41 -2.36 -0.07	29.96 -2.20 0.00	27.14 -1.55 0.00	22.89 -1.39 0.00
HUNTLEY___66 23560	31.43 -1.74 0.00	27.97 -1.62 0.00	16.33 -1.13 0.00	24.89 -1.84 0.00	23.02 -1.65 0.00	24.07 -1.56 0.00	29.19 -1.87 0.00	30.76 -2.17 -0.02	27.02 -2.49 -0.12	26.93 -2.25 -0.01	25.35 -1.82 -0.15	25.75 -1.98 -0.17	26.14 -1.94 -0.17	32.21 -2.94 1.44	32.63 -2.65 -0.33	31.99 -2.15 -0.45	45.95 -2.90 -0.86	54.68 -3.75 -8.23	36.75 -2.86 -0.59	31.88 -2.13 -0.26	30.41 -2.36 -0.07	29.96 -2.20 0.00	27.14 -1.55 0.00	22.89 -1.39 0.00

HUNTLEY___67 23561	31.29 -1.89 0.00	27.85 -1.74 0.00	16.27 -1.19 0.00	24.83 -1.90 0.00	22.97 -1.70 0.00	24.00 -1.64 0.00	29.10 -1.96 0.00	30.67 -2.26 -0.02	26.95 -2.57 -0.13	26.83 -2.35 -0.01	25.25 -1.93 -0.17	25.65 -2.09 -0.19	26.04 -2.05 -0.19	31.63 -3.08 1.88	32.49 -2.79 -0.33	31.85 -2.33 -0.49	45.85 -3.08 -0.94	47.26 -3.90 -0.96	36.60 -3.04 -0.62	31.74 -2.30 -0.28	30.27 -2.50 -0.08	29.83 -2.34 0.00	26.99 -1.70 0.00	22.80 -1.49 0.00
HUNTLEY___68 23562	31.29 -1.89 0.00	27.85 -1.74 0.00	16.27 -1.19 0.00	24.83 -1.90 0.00	22.97 -1.70 0.00	24.00 -1.64 0.00	29.10 -1.96 0.00	30.67 -2.26 -0.02	26.95 -2.57 -0.13	26.83 -2.35 -0.01	25.25 -1.93 -0.17	25.65 -2.09 -0.19	26.04 -2.05 -0.19	31.63 -3.08 1.88	32.49 -2.79 -0.33	31.85 -2.33 -0.49	45.85 -3.08 -0.94	47.26 -3.90 -0.96	36.60 -3.04 -0.62	31.74 -2.30 -0.28	30.27 -2.50 -0.08	29.83 -2.34 0.00	26.99 -1.70 0.00	22.80 -1.49 0.00
HYLAND___LFG 323620	33.65 0.48 0.00	30.01 0.42 0.00	17.54 0.09 0.00	26.77 0.04 0.00	24.72 0.05 0.00	25.87 0.24 0.00	31.54 0.48 0.00	33.10 0.16 -0.03	28.79 -0.85 -0.25	28.41 -0.78 -0.02	26.76 -0.57 -0.32	27.15 -0.76 -0.36	27.09 -1.19 -0.37	34.90 -2.04 -0.35	34.03 -1.76 -0.84	33.13 -1.49 -0.93	47.76 -2.03 -1.80	49.62 -2.40 -1.83	38.37 -1.84 -1.19	33.55 -0.74 -0.53	32.40 -0.45 -0.15	32.62 0.46 0.00	29.39 0.70 0.00	24.69 0.40 0.00
INDECK___CORINTH 23802	35.07 1.79 -0.11	31.09 1.46 -0.04	22.64 0.74 -4.44	27.95 1.22 0.00	25.86 1.19 0.00	26.87 1.23 0.00	32.72 1.66 0.00	34.92 1.82 -0.18	35.06 1.60 -4.07	32.27 1.47 -1.63	28.06 1.05 0.00	28.65 1.10 0.00	28.97 1.07 0.00	37.92 1.33 0.00	36.15 1.20 0.00	34.84 1.15 0.00	49.73 1.74 0.00	52.33 2.13 0.00	41.14 2.12 0.00	35.55 1.79 0.00	34.68 1.99 0.00	33.92 1.75 0.00	29.94 1.25 0.00	25.56 1.27 0.00
INDECK___ILION 23567	33.77 0.59 0.00	30.14 0.56 0.00	17.78 0.33 0.00	27.23 0.50 0.00	25.13 0.46 0.00	26.13 0.49 0.00	31.65 0.58 0.00	33.49 0.57 0.00	29.77 0.38 0.00	29.52 0.35 0.00	26.37 0.27 0.92	27.82 0.28 0.02	25.94 0.32 2.28	34.51 0.38 2.46	31.66 0.38 3.67	33.98 0.29 0.00	48.43 0.45 0.00	50.78 0.59 0.00	39.67 0.65 0.00	34.45 0.69 0.00	33.40 0.70 0.00	32.85 0.68 0.00	29.22 0.53 0.00	24.74 0.45 0.00
INDECK___OLEAN 23982	32.36 -0.81 0.00	28.72 -0.87 0.00	16.75 -0.70 0.00	25.67 -1.06 0.00	23.69 -0.98 0.00	24.77 -0.86 0.00	30.12 -0.94 0.00	31.90 -1.05 -0.04	28.38 -1.29 -0.28	28.16 -1.03 -0.03	26.47 -0.90 -0.35	26.89 -1.06 -0.40	27.14 -1.18 -0.41	34.13 -1.69 0.78	34.42 -1.40 -0.87	33.51 -1.22 -1.04	48.54 -1.45 -2.00	51.19 -1.85 -2.85	38.60 -1.74 -1.32	33.02 -1.33 -0.59	31.30 -1.56 -0.17	30.94 -1.23 0.00	27.90 -0.79 0.00	23.50 -0.79 0.00
INDECK___OSWEGO 23783	36.50 -0.90 -4.24	29.37 -0.83 -0.61	16.95 -0.51 0.00	25.92 -0.81 0.00	23.93 -0.74 0.00	25.90 -0.75 -1.02	33.19 -0.84 -2.98	32.32 -0.84 -0.25	30.55 -0.83 -1.99	28.54 -0.80 -0.18	26.98 -0.70 -0.67	29.58 -0.75 -2.78	25.55 -0.77 1.59	34.66 -1.01 0.92	32.44 -0.93 1.58	40.13 -0.89 -7.33	60.93 -1.20 -14.14	63.32 -1.28 -14.40	47.34 -0.99 -9.31	37.11 -0.84 -4.19	33.05 -0.84 -1.18	31.34 -0.83 0.00	27.96 -0.73 0.00	23.62 -0.67 0.00
INDECK___YERKES 23781	31.47 -1.70 0.00	28.01 -1.58 0.00	16.34 -1.12 0.00	24.92 -1.81 0.00	23.05 -1.62 0.00	24.10 -1.54 0.00	29.23 -1.83 0.00	30.81 -2.13 -0.02	27.08 -2.43 -0.12	26.98 -2.20 -0.01	25.39 -1.77 -0.15	25.82 -1.91 -0.17	26.19 -1.89 -0.17	32.20 -2.96 1.44	32.70 -2.58 -0.33	32.05 -2.09 -0.45	46.03 -2.81 -0.86	54.77 -3.66 -8.23	36.80 -2.81 -0.59	31.95 -2.07 -0.26	30.46 -2.31 -0.07	30.01 -2.15 0.00	27.19 -1.50 0.00	22.93 -1.36 0.00
INDIAN POINT_GT_1 24139	36.35 2.33 -0.84	32.00 2.08 -0.34	52.74 1.24 -34.05	28.55 1.82 0.00	26.38 1.71 0.00	27.38 1.74 0.00	33.23 2.17 0.00	36.77 2.43 -1.42	63.10 2.30 -31.41	44.15 2.38 -12.60	29.33 2.32 0.00	29.93 2.37 0.00	30.34 2.43 0.00	39.59 3.07 0.06	38.10 3.15 0.00	36.68 2.99 0.00	52.04 4.05 0.00	54.57 4.37 0.00	42.09 3.07 0.00	36.21 2.45 0.00	35.26 2.56 0.00	34.70 2.53 0.00	30.90 2.21 0.00	26.16 1.87 0.00
INDIAN POINT_GT_2 23659	36.35 2.33 -0.84	32.00 2.08 -0.34	52.74 1.24 -34.05	28.55 1.82 0.00	26.38 1.71 0.00	27.38 1.74 0.00	33.23 2.17 0.00	36.77 2.43 -1.42	63.10 2.30 -31.41	44.15 2.38 -12.60	29.33 2.32 0.00	29.93 2.37 0.00	30.34 2.43 0.00	39.59 3.07 0.06	38.10 3.15 0.00	36.68 2.99 0.00	52.04 4.05 0.00	54.57 4.37 0.00	42.09 3.07 0.00	36.21 2.45 0.00	35.26 2.56 0.00	34.70 2.53 0.00	30.90 2.21 0.00	26.16 1.87 0.00
INDIAN POINT_GT_3 24019	36.35 2.33 -0.84	32.00 2.08 -0.34	52.74 1.24 -34.05	28.55 1.82 0.00	26.38 1.71 0.00	27.38 1.74 0.00	33.23 2.17 0.00	36.77 2.43 -1.42	63.10 2.30 -31.41	44.15 2.38 -12.60	29.33 2.32 0.00	29.93 2.37 0.00	30.34 2.43 0.00	39.59 3.07 0.06	38.10 3.15 0.00	36.68 2.99 0.00	52.04 4.05 0.00	54.57 4.37 0.00	42.09 3.07 0.00	36.21 2.45 0.00	35.26 2.56 0.00	34.70 2.53 0.00	30.90 2.21 0.00	26.16 1.87 0.00
INDIAN POINT___2 23530	36.57 2.26 -1.14	32.06 2.02 -0.45	64.62 1.21 -45.96	28.50 1.77 0.00	26.34 1.67 0.00	27.33 1.69 0.00	33.16 2.10 0.00	37.19 2.36 -1.92	73.98 2.23 -42.36	48.46 2.31 -16.99	29.27 2.26 0.00	29.86 2.31 0.00	30.28 2.37 0.00	39.53 3.01 0.07	38.02 3.08 0.00	36.61 2.92 0.00	51.93 3.94 0.00	54.45 4.25 0.00	41.99 2.97 0.00	36.12 2.36 0.00	35.18 2.49 0.00	34.63 2.47 0.00	30.84 2.15 0.00	26.12 1.83 0.00
INDIAN POINT___3 23531	36.30 2.26 -0.87	31.95 2.02 -0.34	53.61 1.21 -34.94	28.51 1.78 0.00	26.34 1.67 0.00	27.33 1.70 0.00	33.17 2.11 0.00	36.74 2.37 -1.46	63.86 2.24 -32.23	44.42 2.32 -12.92	29.28 2.26 0.00	29.87 2.32 0.00	30.28 2.37 0.00	39.51 2.99 0.06	38.01 3.06 0.00	36.59 2.90 0.00	51.92 3.93 0.00	54.44 4.24 0.00	41.99 2.98 0.00	36.13 2.37 0.00	35.19 2.49 0.00	34.63 2.47 0.00	30.84 2.15 0.00	26.12 1.83 0.00
INGHAM_C_115KV_TB7 356103	34.19 1.02 0.00	30.54 0.95 0.00	18.00 0.54 0.00	27.57 0.84 0.00	25.45 0.78 0.00	26.46 0.82 0.00	32.02 0.95 0.00	33.74 0.82 0.00	29.83 0.43 0.00	29.52 0.34 0.00	26.29 0.19 0.92	27.77 0.24 0.02	25.94 0.32 2.28	34.47 0.34 2.46	31.63 0.35 3.67	33.85 0.16 0.00	48.31 0.32 0.00	50.82 0.63 0.00	39.93 0.91 0.00	34.87 1.12 0.00	33.86 1.17 0.00	33.32 1.15 0.00	29.55 0.85 0.00	25.02 0.73 0.00
IP CORINTH___1 23988	35.26 1.98 -0.11	31.25 1.62 -0.04	22.74 0.84 -4.44	28.09 1.36 0.00	25.99 1.32 0.00	27.01 1.37 0.00	32.90 1.84 0.00	35.11 2.00 -0.18	35.22 1.75 -4.07	32.43 1.63 -1.63	28.21 1.20 0.00	28.81 1.25 0.00	29.13 1.22 0.00	38.11 1.52 0.00	36.34 1.39 0.00	35.02 1.33 0.00	49.98 1.99 0.00	52.60 2.41 0.00	41.35 2.34 0.00	35.74 1.98 0.00	34.87 2.18 0.00	34.10 1.93 0.00	30.09 1.40 0.00	25.69 1.40 0.00

IP__TICONDEROGA 23804	37.37 4.09 -0.11	32.82 3.19 -0.04	23.46 1.54 -4.47	29.43 2.69 0.00	27.39 2.72 0.00	28.50 2.86 0.00	34.99 3.93 0.00	37.19 4.09 -0.18	36.88 3.39 -4.09	33.92 3.11 -1.64	29.42 2.40 0.00	30.06 2.51 0.00	30.45 2.54 0.00	39.79 3.21 0.00	37.90 2.95 0.00	36.61 2.92 0.00	52.35 4.36 0.00	55.27 5.08 0.00	43.64 4.63 0.00	37.57 3.81 0.00	36.81 4.12 0.00	35.81 3.64 0.00	31.58 2.89 0.00	27.14 2.85 0.00
ISLIP_RES_REC 323679	39.21 3.89 -2.15	39.27 3.40 -6.29	83.49 2.01 -64.03	36.13 2.99 -6.41	84.29 2.71 -56.90	49.83 2.79 -21.41	34.54 3.48 0.00	38.01 3.87 -1.22	60.74 3.48 -27.87	57.10 3.79 -24.14	85.28 3.81 -54.45	60.83 3.87 -29.40	73.30 3.94 -41.46	111.31 5.07 -69.65	141.75 4.97 -101.83	191.28 4.78 -152.81	177.11 6.58 -122.55	284.90 6.68 -228.03	150.96 5.01 -106.93	73.90 3.99 -36.15	152.30 4.01 -115.60	99.63 3.99 -63.48	32.08 3.39 0.00	44.17 2.89 -16.99
JAMAICA__27_KV_LOAD 355505	36.75 2.85 -0.72	32.42 2.54 -0.29	48.09 1.55 -29.08	28.97 2.24 0.00	26.81 2.14 0.00	27.85 2.21 0.00	33.81 2.75 0.00	37.22 3.09 -1.21	59.12 2.94 -26.79	42.88 2.97 -10.74	29.90 2.88 0.00	30.57 3.02 0.00	30.99 3.08 0.00	40.40 3.88 0.06	38.96 4.01 0.00	37.48 3.79 0.00	53.02 5.03 0.00	55.78 5.59 0.00	42.92 3.90 0.00	36.94 3.19 0.00	36.03 3.33 0.00	35.52 3.35 0.00	31.58 2.89 0.00	26.68 2.39 0.00
JANIS__SOLAR 323808	35.49 1.50 -0.82	30.90 1.20 -0.12	18.08 0.63 0.00	27.62 0.89 0.00	25.45 0.78 0.00	26.73 0.90 -0.19	32.84 1.22 -0.57	34.39 1.37 -0.11	31.26 1.01 -0.86	30.12 0.87 -0.08	28.78 0.70 -1.07	29.40 0.63 -1.21	29.86 0.69 -1.26	40.13 0.71 -2.83	38.56 0.67 -2.93	37.68 0.82 -3.17	55.47 1.37 -6.12	58.27 1.84 -6.23	44.60 1.56 -4.02	37.28 1.71 -1.81	34.73 1.52 -0.51	33.60 1.43 0.00	29.90 1.21 0.00	25.11 0.82 0.00
JARVIS____ 23743	33.37 0.20 0.00	29.81 0.22 0.00	17.60 0.14 0.00	26.95 0.21 0.00	24.87 0.20 0.00	25.84 0.21 0.00	31.32 0.26 0.00	33.21 0.29 0.00	29.65 0.26 0.00	29.43 0.26 0.00	26.34 0.24 0.92	27.79 0.25 0.02	25.88 0.25 2.28	34.41 0.28 2.46	31.57 0.28 3.67	33.94 0.26 0.00	48.37 0.38 0.00	50.59 0.40 0.00	39.33 0.31 0.00	34.03 0.28 0.00	32.96 0.27 0.00	32.42 0.26 0.00	28.91 0.22 0.00	24.49 0.20 0.00
JENNISON__1 23625	35.48 1.74 -0.57	31.08 1.41 -0.08	18.22 0.76 0.00	27.78 1.05 0.00	25.48 0.81 0.00	26.71 0.94 -0.14	32.69 1.23 -0.40	34.43 1.43 -0.08	31.24 1.17 -0.68	30.40 1.17 -0.06	28.95 1.08 -0.85	29.57 1.05 -0.96	29.88 0.98 -1.00	39.72 0.98 -2.15	38.06 0.79 -2.32	37.22 1.02 -2.51	54.40 1.57 -4.84	57.25 2.12 -4.93	43.86 1.66 -3.19	36.91 1.71 -1.44	34.55 1.44 -0.40	33.59 1.42 0.00	29.89 1.20 0.00	25.07 0.78 0.00
JENNISON__2 23626	35.48 1.74 -0.57	31.08 1.41 -0.08	18.22 0.76 0.00	27.78 1.05 0.00	25.48 0.81 0.00	26.71 0.94 -0.14	32.69 1.23 -0.40	34.43 1.43 -0.08	31.24 1.17 -0.68	30.40 1.17 -0.06	28.95 1.08 -0.85	29.57 1.05 -0.96	29.88 0.98 -1.00	39.72 0.98 -2.15	38.06 0.79 -2.32	37.22 1.02 -2.51	54.40 1.57 -4.84	57.25 2.12 -4.93	43.86 1.66 -3.19	36.91 1.71 -1.44	34.55 1.44 -0.40	33.59 1.42 0.00	29.89 1.20 0.00	25.07 0.78 0.00
JERICHO_RISE_WT_PWR 323719	32.43 -0.74 0.00	28.73 -0.86 0.00	17.02 -0.44 0.00	26.14 -0.59 0.00	24.09 -0.58 0.00	25.08 -0.56 0.00	30.43 -0.64 0.00	32.38 -0.54 0.00	28.82 -0.57 0.00	28.21 -0.96 0.00	19.56 -1.23 6.21	26.40 -1.04 0.11	11.16 -1.28 15.47	-18.18 -1.45 53.32	-4.20 -1.83 37.32	31.87 -1.82 0.00	45.50 -2.49 0.00	48.01 -2.18 0.00	37.81 -1.21 0.00	32.93 -0.83 0.00	32.15 -0.55 0.00	31.61 -0.56 0.00	28.26 -0.43 0.00	23.92 -0.37 0.00
KATONAH__115KV_46KV_TB4 355592	36.20 2.52 -0.51	32.03 2.24 -0.20	39.36 1.32 -20.58	28.69 1.96 0.00	26.49 1.82 0.00	27.51 1.87 0.00	33.43 2.37 0.00	36.42 2.64 -0.86	50.82 2.49 -18.94	39.34 2.57 -7.60	29.50 2.49 0.00	30.12 2.57 0.00	30.54 2.63 0.00	39.87 3.35 0.06	38.45 3.50 0.00	37.07 3.38 0.00	52.62 4.63 0.00	55.16 4.96 0.00	42.56 3.54 0.00	36.61 2.85 0.00	35.59 2.89 0.00	35.00 2.84 0.00	31.15 2.47 0.00	26.34 2.05 0.00
KCE_NY_1 323755	35.33 2.05 -0.11	31.40 1.77 -0.04	22.95 0.99 -4.51	28.28 1.55 0.00	26.13 1.46 0.00	27.14 1.50 0.00	32.99 1.93 0.00	35.17 2.07 -0.19	35.33 1.81 -4.13	32.54 1.72 -1.66	28.49 1.48 0.00	29.03 1.47 0.00	29.39 1.48 0.00	38.47 1.88 0.00	36.71 1.76 0.00	35.35 1.66 0.00	50.41 2.42 0.00	52.95 2.76 0.00	41.42 2.41 0.00	35.85 2.10 0.00	34.83 2.14 0.00	34.13 1.97 0.00	30.29 1.61 0.00	25.77 1.49 0.00
KCE_NY_6_ESR 323823	31.84 -1.33 0.00	28.30 -1.29 0.00	16.53 -0.93 0.00	25.24 -1.50 0.00	23.32 -1.35 0.00	24.37 -1.27 0.00	29.57 -1.49 0.00	31.22 -1.72 -0.02	27.56 -2.00 -0.17	27.38 -1.80 -0.02	25.78 -1.45 -0.21	26.23 -1.57 -0.24	26.59 -1.56 -0.25	32.68 -2.45 1.46	33.34 -2.09 -0.48	32.61 -1.71 -0.64	47.00 -2.21 -1.22	49.91 -2.93 -2.64	37.53 -2.30 -0.81	32.47 -1.65 -0.36	30.90 -1.90 -0.10	30.42 -1.75 0.00	27.49 -1.20 0.00	23.17 -1.11 0.00
KEDC_PORT_JEFF_GT2 24210	38.85 3.52 -2.15	38.97 3.10 -6.29	83.32 1.84 -64.03	35.87 2.73 -6.41	84.06 2.48 -56.90	49.58 2.54 -21.41	34.22 3.16 0.00	37.63 3.49 -1.22	60.27 3.01 -27.87	57.00 3.29 -24.54	89.49 3.45 -59.02	60.52 3.53 -29.44	75.20 3.59 -43.71	120.58 4.40 -79.59	156.54 4.27 -117.32	219.59 4.01 -181.89	203.19 5.47 -149.73	336.69 5.69 -280.80	179.21 4.14 -136.06	82.32 3.27 -45.30	177.57 3.33 -141.54	112.17 3.35 -76.66	31.56 2.87 0.00	43.90 2.62 -16.99
KEDC_PORT_JEFF_GT3 24211	38.85 3.52 -2.15	38.97 3.10 -6.29	83.32 1.84 -64.03	35.87 2.73 -6.41	84.06 2.48 -56.90	49.58 2.54 -21.41	34.22 3.16 0.00	37.63 3.49 -1.22	60.27 3.01 -27.87	57.00 3.29 -24.54	89.49 3.45 -59.02	60.52 3.53 -29.44	75.20 3.59 -43.71	120.58 4.40 -79.59	156.54 4.27 -117.32	219.59 4.01 -181.89	203.19 5.47 -149.73	336.69 5.69 -280.80	179.21 4.14 -136.06	82.32 3.27 -45.30	177.57 3.33 -141.54	112.17 3.35 -76.66	31.56 2.87 0.00	43.90 2.62 -16.99
KEDC_GLWD_GT4 24219	38.28 2.95 -2.15	38.48 2.61 -6.29	83.05 1.57 -64.03	35.48 2.34 -6.41	83.91 2.34 -56.90	49.46 2.42 -21.41	34.05 2.98 0.00	37.43 3.29 -1.22	60.32 3.05 -27.87	54.76 3.20 -22.38	64.07 2.93 -34.12	59.81 3.02 -29.23	62.42 3.10 -31.42	65.96 4.00 -25.37	68.65 4.07 -29.63	60.76 3.88 -23.19	54.75 5.33 -1.44	59.61 5.63 -3.78	43.24 4.02 -0.21	36.90 3.14 0.00	35.85 3.15 0.00	40.05 3.14 -4.74	31.39 2.69 0.00	43.54 2.27 -16.99
KEDC_GLWD_GT5 24220	38.28 2.95 -2.15	38.48 2.61 -6.29	83.05 1.57 -64.03	35.48 2.34 -6.41	83.91 2.34 -56.90	49.46 2.42 -21.41	34.05 2.98 0.00	37.43 3.29 -1.22	60.32 3.05 -27.87	54.76 3.20 -22.38	64.07 2.93 -34.12	59.81 3.02 -29.23	62.42 3.10 -31.42	65.96 4.00 -25.37	68.65 4.07 -29.63	60.76 3.88 -23.19	54.75 5.33 -1.44	59.61 5.63 -3.78	43.24 4.02 -0.21	36.90 3.14 0.00	35.85 3.15 0.00	40.05 3.14 -4.74	31.39 2.69 0.00	43.54 2.27 -16.99

KENSICO____ 23655	36.40 2.46 -0.77	32.09 2.19 -0.31	49.76 1.31 -31.00	28.66 1.93 0.00	26.47 1.80 0.00	27.48 1.85 0.00	33.37 2.31 0.00	36.79 2.58 -1.29	60.40 2.44 -28.57	43.15 2.52 -11.46	29.46 2.45 0.00	30.07 2.51 0.00	30.48 2.57 0.00	39.77 3.24 0.06	38.25 3.31 0.00	36.83 3.14 0.00	52.26 4.28 0.00	54.78 4.58 0.00	42.25 3.23 0.00	36.35 2.59 0.00	35.39 2.69 0.00	34.84 2.67 0.00	31.03 2.34 0.00	26.26 1.97 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	35.45 2.41 0.12	31.63 2.09 0.05	13.74 1.21 4.93	28.52 1.79 0.00	26.33 1.66 0.00	27.36 1.72 0.00	33.26 2.20 0.00	35.21 2.47 0.18	27.54 2.35 4.19	29.85 2.36 1.69	29.32 2.31 0.00	29.92 2.36 0.00	30.31 2.40 0.00	39.70 3.18 0.07	38.19 3.24 0.00	36.86 3.17 0.00	52.26 4.27 0.00	54.85 4.65 0.00	42.44 3.42 0.00	36.55 2.79 0.00	35.47 2.77 0.00	34.86 2.70 0.00	31.00 2.31 0.00	26.16 1.87 0.00
KIAC_JFK_GT1 23816	36.39 2.49 -0.72	32.11 2.24 -0.29	47.91 1.38 -29.08	28.70 1.97 0.00	26.56 1.90 0.00	27.59 1.95 0.00	33.47 2.41 0.00	36.87 2.74 -1.21	58.80 2.62 -26.79	42.57 2.66 -10.74	29.60 2.59 0.00	30.28 2.72 0.00	30.69 2.79 0.00	40.00 3.48 0.06	38.56 3.61 0.00	37.09 3.40 0.00	52.49 4.50 0.00	55.18 4.99 0.00	42.47 3.45 0.00	36.55 2.79 0.00	35.65 2.96 0.00	35.15 2.99 0.00	31.25 2.56 0.00	26.42 2.13 0.00
KIAC_JFK_GT2 23817	36.39 2.49 -0.72	32.11 2.24 -0.29	47.91 1.38 -29.08	28.70 1.97 0.00	26.56 1.90 0.00	27.59 1.95 0.00	33.47 2.41 0.00	36.87 2.74 -1.21	58.80 2.62 -26.79	42.57 2.66 -10.74	29.60 2.59 0.00	30.28 2.72 0.00	30.69 2.79 0.00	40.00 3.48 0.06	38.56 3.61 0.00	37.09 3.40 0.00	52.49 4.50 0.00	55.18 4.99 0.00	42.47 3.45 0.00	36.55 2.79 0.00	35.65 2.96 0.00	35.15 2.99 0.00	31.25 2.56 0.00	26.42 2.13 0.00
KIAC_JFK____ 323774	36.39 2.49 -0.72	32.11 2.24 -0.29	47.91 1.38 -29.08	28.70 1.97 0.00	26.57 1.90 0.00	27.59 1.95 0.00	33.47 2.41 0.00	36.86 2.73 -1.21	58.80 2.62 -26.79	42.57 2.66 -10.74	29.60 2.59 0.00	30.27 2.72 0.00	30.69 2.78 0.00	40.02 3.49 0.06	38.56 3.61 0.00	37.09 3.40 0.00	52.48 4.50 0.00	55.18 4.99 0.00	42.47 3.45 0.00	36.54 2.79 0.00	35.65 2.95 0.00	35.15 2.99 0.00	31.25 2.56 0.00	26.42 2.13 0.00
KINTIGH____ 23543	31.38 -1.79 0.00	27.95 -1.64 0.00	16.34 -1.12 0.00	24.97 -1.77 0.00	23.09 -1.58 0.00	24.11 -1.53 0.00	29.22 -1.84 0.00	30.82 -2.10 0.00	27.04 -2.35 0.00	27.00 -2.17 0.00	25.25 -1.76 0.00	25.67 -1.88 0.00	26.06 -1.85 0.00	35.05 -2.81 -1.27	32.45 -2.57 -0.07	31.53 -2.16 0.00	45.14 -2.85 0.00	46.13 -3.57 0.49	36.25 -2.77 0.00	31.60 -2.16 0.00	30.37 -2.33 0.00	29.98 -2.18 0.00	27.06 -1.63 0.00	22.88 -1.41 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.94 -0.24 0.00	29.14 -0.45 0.00	17.24 -0.21 0.00	26.52 -0.21 0.00	24.56 -0.12 0.00	25.51 -0.12 0.00	31.08 0.02 0.00	33.20 0.28 0.00	29.48 0.09 0.00	28.70 -0.47 0.00	22.31 -0.92 3.78	26.88 -0.61 0.07	17.59 -0.92 9.40	-7.94 -1.08 43.45	6.93 -1.57 26.45	31.98 -1.71 0.00	45.63 -2.36 0.00	48.44 -1.76 0.00	38.38 -0.64 0.00	33.49 -0.26 0.00	32.72 0.02 0.00	32.19 0.03 0.00	28.79 0.10 0.00	24.38 0.09 0.00
LACHUTE__HYDRO 323717	37.37 4.09 -0.11	32.82 3.19 -0.04	23.47 1.54 -4.47	29.43 2.69 0.00	27.39 2.73 0.00	28.50 2.86 0.00	34.99 3.93 0.00	37.19 4.09 -0.18	36.88 3.40 -4.09	33.92 3.11 -1.64	29.42 2.40 0.00	30.06 2.51 0.00	30.45 2.54 0.00	39.80 3.21 0.00	37.90 2.95 0.00	36.61 2.92 0.00	52.35 4.36 0.00	55.27 5.08 0.00	43.64 4.62 0.00	37.57 3.81 0.00	36.81 4.12 0.00	35.81 3.64 0.00	31.58 2.89 0.00	27.14 2.85 0.00
LAWRNCAL_115KV_TB1 80681	31.99 -1.52 -0.34	28.24 -1.39 -0.04	16.63 -0.83 0.00	25.49 -1.25 0.00	23.50 -1.17 0.00	24.48 -1.16 0.00	29.63 -1.43 0.00	31.31 -1.61 0.00	27.98 -1.42 0.00	27.67 -1.50 0.00	-19.25 -1.52 44.74	25.20 -1.53 0.83	-85.03 -1.59 111.36	-176.34 -1.95 210.98	-176.87 -2.04 209.77	31.81 -1.88 0.00	46.04 -2.79 -0.84	48.25 -2.84 -0.90	37.49 -2.11 -0.58	32.23 -1.79 -0.26	31.33 -1.44 -0.07	30.75 -1.41 0.00	27.42 -1.27 0.00	23.19 -1.10 0.00
LEDERLE____ 23769	34.11 2.38 1.44	31.12 2.11 0.57	-39.10 1.26 57.82	28.60 1.87 0.00	26.41 1.75 0.00	27.40 1.76 0.00	33.25 2.19 0.00	33.61 2.45 1.76	-7.15 2.31 38.85	16.00 2.41 15.58	29.39 2.37 0.00	30.00 2.44 0.00	30.41 2.50 0.00	39.70 3.18 0.07	38.21 3.27 0.00	36.80 3.11 0.00	52.25 4.26 0.00	54.77 4.57 0.00	42.22 3.20 0.00	36.30 2.55 0.00	35.37 2.67 0.00	34.80 2.63 0.00	30.98 2.29 0.00	26.23 1.94 0.00
LIGHTHSE_115KV_TB6 355974	34.52 -0.99 -2.34	29.07 -0.85 -0.33	16.92 -0.54 0.00	25.87 -0.86 0.00	23.87 -0.80 0.00	25.47 -0.71 -0.55	31.91 -0.75 -1.60	32.26 -0.78 -0.12	29.60 -0.80 -1.01	28.40 -0.86 -0.09	23.11 -0.82 3.09	28.07 -0.83 -1.34	17.64 -0.92 9.35	18.90 -1.16 16.53	16.95 -1.14 16.86	36.30 -1.10 -3.71	53.72 -1.44 -7.17	56.10 -1.40 -7.31	42.73 -1.01 -4.72	35.13 -0.75 -2.13	32.75 -0.54 -0.60	31.64 -0.53 0.00	28.20 -0.49 0.00	23.78 -0.51 0.00
LINDEN COGEN____ 23786	36.35 2.46 -0.72	32.11 2.23 -0.29	47.91 1.38 -29.08	28.69 1.96 0.00	26.53 1.86 0.00	27.54 1.91 0.00	33.42 2.36 0.00	36.77 2.64 -1.21	58.69 2.51 -26.79	42.52 2.61 -10.74	29.55 2.53 0.00	30.16 2.60 0.00	30.58 2.67 0.00	39.90 3.37 0.06	38.44 3.50 0.00	37.00 3.32 0.00	52.45 4.46 0.00	55.05 4.86 0.00	42.37 3.35 0.00	36.42 2.66 0.00	35.49 2.79 0.00	35.00 2.84 0.00	31.19 2.49 0.00	26.39 2.10 0.00
LINDHRST_69_KV_BK1 356055	38.95 3.62 -2.15	39.06 3.18 -6.29	83.38 1.90 -64.02	35.93 2.79 -6.41	84.12 2.55 -56.90	49.66 2.62 -21.40	34.33 3.27 0.00	37.73 3.59 -1.22	60.55 3.29 -27.87	55.21 3.50 -22.54	66.40 3.40 -35.99	60.25 3.44 -29.25	63.70 3.45 -32.34	70.49 4.45 -29.45	75.98 4.54 -36.49	73.19 4.37 -35.13	66.59 6.00 -12.60	80.22 6.29 -23.74	52.14 4.56 -8.56	40.40 3.61 -3.03	46.96 3.62 -10.65	45.97 3.65 -10.16	31.87 3.18 0.00	43.96 2.68 -16.98
LIPA_MISC_IPP 23656	38.86 3.53 -2.15	38.94 3.07 -6.29	83.31 1.83 -64.02	35.87 2.73 -6.41	84.08 2.50 -56.90	49.59 2.55 -21.40	34.22 3.16 0.00	37.67 3.53 -1.22	60.45 3.19 -27.87	56.83 3.47 -24.19	85.61 3.48 -55.12	60.52 3.56 -29.40	73.36 3.67 -41.79	112.44 4.74 -71.12	145.64 4.62 -106.06	195.15 4.38 -157.08	180.50 5.97 -126.54	285.58 6.35 -229.04	140.65 4.64 -96.99	72.05 3.64 -34.65	155.84 3.73 -119.41	101.32 3.74 -65.41	31.82 3.13 0.00	43.92 2.65 -16.98
LISF__SOLAR 323691	38.97 3.65 -2.15	39.03 3.16 -6.29	83.36 1.88 -64.03	35.96 2.81 -6.41	84.15 2.57 -56.90	49.68 2.63 -21.41	34.32 3.25 0.00	37.78 3.64 -1.22	60.54 3.28 -27.87	56.96 3.56 -24.23	86.01 3.58 -55.43	60.61 3.65 -29.41	73.60 3.76 -41.93	113.22 4.86 -71.77	146.39 4.73 -106.71	197.20 4.50 -159.01	182.48 6.14 -128.35	290.61 6.56 -233.86	145.53 4.81 -101.70	73.36 3.79 -35.81	157.70 3.88 -121.13	102.33 3.88 -66.29	31.93 3.24 0.00	44.01 2.73 -16.99

LITTLE FALLS___HYD 24013	34.19 1.02 0.00	30.54 0.95 0.00	18.00 0.54 0.00	27.57 0.84 0.00	25.45 0.78 0.00	26.46 0.82 0.00	32.02 0.95 0.00	33.74 0.82 0.00	29.83 0.43 0.00	29.52 0.34 0.00	26.29 0.19 0.92	27.77 0.24 0.02	25.94 0.32 2.28	34.47 0.34 2.46	31.63 0.35 3.67	33.85 0.16 0.00	48.31 0.32 0.00	50.82 0.63 0.00	39.93 0.91 0.00	34.87 1.12 0.00	33.86 1.17 0.00	33.32 1.15 0.00	29.55 0.85 0.00	25.02 0.73 0.00
LITTLRIV_115KV_TB1 356100	32.95 -0.57 -0.35	29.05 -0.58 -0.04	17.09 -0.37 0.00	26.19 -0.55 0.00	24.15 -0.52 0.00	25.23 -0.47 -0.06	30.64 -0.61 -0.18	32.04 -0.88 0.00	28.53 -0.86 0.00	28.30 -0.88 0.00	-18.34 -0.98 44.38	25.71 -1.02 0.82	-83.59 -1.04 110.45	-174.04 -1.26 209.37	-174.50 -1.34 208.11	32.45 -1.24 0.00	47.11 -1.04 -0.16	48.03 -3.20 -1.04	37.30 -2.39 -0.67	32.04 -2.02 -0.30	31.15 -1.63 -0.08	30.56 -1.60 0.00	27.25 -1.44 0.00	23.04 -1.25 0.00
LI_NEWBRDGE___DRP 323616	38.16 2.83 -2.15	38.40 2.53 -6.29	83.01 1.53 -64.02	35.40 2.26 -6.41	83.66 2.09 -56.90	49.19 2.15 -21.40	33.71 2.65 0.00	37.06 2.92 -1.22	59.95 2.68 -27.87	54.40 2.85 -22.38	63.93 2.80 -34.11	59.65 2.87 -29.23	62.25 2.93 -31.42	65.66 3.70 -25.37	68.33 3.75 -29.63	60.43 3.55 -23.19	54.27 4.84 -1.44	59.09 5.11 -3.78	42.89 3.65 -0.21	36.61 2.85 0.00	35.61 2.91 0.00	39.84 2.93 -4.74	31.23 2.54 0.00	43.44 2.17 -16.98
LOCKPORT_115KV_TB60_63_64 80432	31.26 -1.91 0.00	27.86 -1.72 0.00	16.26 -1.19 0.00	24.82 -1.92 0.00	22.96 -1.71 0.00	24.01 -1.62 0.00	29.10 -1.96 0.00	30.65 -2.27 0.00	26.76 -2.64 0.00	26.76 -2.41 0.00	25.05 -1.96 0.00	25.42 -2.13 0.00	25.83 -2.07 0.00	31.73 -3.15 1.70	31.98 -2.87 0.09	31.32 -2.37 0.00	44.81 -3.17 0.00	48.04 -4.06 -1.91	35.91 -3.11 -0.01	31.46 -2.30 0.00	30.21 -2.49 0.00	29.83 -2.33 0.00	27.02 -1.67 0.00	22.82 -1.47 0.00
LOCKPORT___CC1 323769	31.19 -1.98 0.00	27.83 -1.75 0.00	16.24 -1.21 0.00	24.79 -1.94 0.00	22.94 -1.73 0.00	23.99 -1.65 0.00	29.07 -1.99 0.00	30.61 -2.31 0.00	26.76 -2.63 0.00	26.75 -2.42 0.00	25.04 -1.98 0.00	25.43 -2.13 0.00	25.81 -2.09 0.00	31.53 -3.25 1.80	31.97 -2.88 0.09	31.30 -2.39 0.00	44.78 -3.21 0.00	47.71 -4.09 -1.60	35.87 -3.15 -0.01	31.42 -2.34 0.00	30.16 -2.54 0.00	29.78 -2.38 0.00	26.99 -1.70 0.00	22.79 -1.50 0.00
LOCKPORT___CC2 323770	31.19 -1.98 0.00	27.83 -1.75 0.00	16.24 -1.21 0.00	24.79 -1.94 0.00	22.94 -1.73 0.00	23.99 -1.65 0.00	29.07 -1.99 0.00	30.61 -2.31 0.00	26.76 -2.63 0.00	26.75 -2.42 0.00	25.04 -1.98 0.00	25.43 -2.13 0.00	25.81 -2.09 0.00	31.53 -3.25 1.80	31.97 -2.88 0.09	31.30 -2.39 0.00	44.78 -3.21 0.00	47.71 -4.09 -1.60	35.87 -3.15 -0.01	31.42 -2.34 0.00	30.16 -2.54 0.00	29.78 -2.38 0.00	26.99 -1.70 0.00	22.79 -1.50 0.00
LOCKPORT___CC3 323771	31.19 -1.98 0.00	27.83 -1.75 0.00	16.24 -1.21 0.00	24.79 -1.94 0.00	22.94 -1.73 0.00	23.99 -1.65 0.00	29.07 -1.99 0.00	30.61 -2.31 0.00	26.76 -2.63 0.00	26.75 -2.42 0.00	25.04 -1.98 0.00	25.43 -2.13 0.00	25.81 -2.09 0.00	31.53 -3.25 1.80	31.97 -2.88 0.09	31.30 -2.39 0.00	44.78 -3.21 0.00	47.71 -4.09 -1.60	35.87 -3.15 -0.01	31.42 -2.34 0.00	30.16 -2.54 0.00	29.78 -2.38 0.00	26.99 -1.70 0.00	22.79 -1.50 0.00
LONG_LAKE_PHOENIX 24014	35.69 -0.69 -3.20	29.38 -0.67 -0.46	17.04 -0.42 0.00	26.05 -0.68 0.00	24.05 -0.61 0.00	25.79 -0.62 -0.77	32.62 -0.69 -2.25	32.39 -0.71 -0.18	30.13 -0.72 -1.46	28.61 -0.69 -0.13	26.89 -0.57 -0.44	28.99 -0.60 -2.03	26.04 -0.59 1.28	35.46 -0.80 0.33	33.05 -0.72 1.18	38.39 -0.67 -5.37	57.47 -0.87 -10.35	59.76 -0.98 -10.54	45.08 -0.75 -6.81	36.21 -0.62 -3.07	32.91 -0.65 -0.87	31.53 -0.63 0.00	28.12 -0.56 0.00	23.76 -0.53 0.00
LOVETT___3 23632	33.86 2.17 1.48	30.92 1.93 0.59	-41.00 1.17 59.62	28.46 1.73 0.00	26.29 1.62 0.00	27.27 1.63 0.00	33.07 2.01 0.00	33.33 2.24 1.83	-8.92 2.12 40.43	15.17 2.21 16.21	29.20 2.19 0.00	29.80 2.25 0.00	30.20 2.29 0.00	39.42 2.89 0.07	37.94 2.99 0.00	36.51 2.82 0.00	51.77 3.78 0.00	54.31 4.11 0.00	41.89 2.87 0.00	36.03 2.27 0.00	35.09 2.39 0.00	34.53 2.37 0.00	30.76 2.07 0.00	26.07 1.78 0.00
LOVETT___4 23642	33.86 2.17 1.48	30.92 1.93 0.59	-41.00 1.17 59.62	28.46 1.73 0.00	26.29 1.62 0.00	27.27 1.63 0.00	33.07 2.01 0.00	33.33 2.24 1.83	-8.92 2.12 40.43	15.17 2.21 16.21	29.20 2.19 0.00	29.80 2.25 0.00	30.20 2.29 0.00	39.42 2.89 0.07	37.94 2.99 0.00	36.51 2.82 0.00	51.77 3.78 0.00	54.31 4.11 0.00	41.89 2.87 0.00	36.03 2.27 0.00	35.09 2.39 0.00	34.53 2.37 0.00	30.76 2.07 0.00	26.07 1.78 0.00
LOVETT___5 23593	33.86 2.17 1.48	30.92 1.93 0.59	-41.00 1.17 59.62	28.46 1.73 0.00	26.29 1.62 0.00	27.27 1.63 0.00	33.07 2.01 0.00	33.33 2.24 1.83	-8.92 2.12 40.43	15.17 2.21 16.21	29.20 2.19 0.00	29.80 2.25 0.00	30.20 2.29 0.00	39.42 2.89 0.07	37.94 2.99 0.00	36.51 2.82 0.00	51.77 3.78 0.00	54.31 4.11 0.00	41.89 2.87 0.00	36.03 2.27 0.00	35.09 2.39 0.00	34.53 2.37 0.00	30.76 2.07 0.00	26.07 1.78 0.00
LOWER RAQUET___HYD 24057	31.84 -1.72 -0.39	28.06 -1.57 -0.05	16.53 -0.93 0.00	25.33 -1.40 0.00	23.35 -1.32 0.00	24.41 -1.30 -0.07	29.68 -1.60 -0.21	31.16 -1.78 -0.02	27.95 -1.57 -0.13	27.51 -1.67 -0.01	-15.25 -1.69 40.58	25.29 -1.70 0.57	-75.07 -1.78 101.21	-158.26 -2.17 192.68	-158.26 -2.28 190.93	32.06 -2.12 -0.49	45.83 -3.17 -1.02	48.03 -3.20 -1.04	37.30 -2.39 -0.67	32.04 -2.02 -0.30	31.15 -1.63 -0.08	30.56 -1.60 0.00	27.25 -1.44 0.00	23.04 -1.25 0.00
LOWER___HUDSON 24059	34.86 1.57 -0.12	31.06 1.43 -0.05	23.14 0.81 -4.88	28.02 1.28 0.00	25.87 1.20 0.00	26.86 1.22 0.00	32.61 1.54 0.00	34.78 1.66 -0.20	35.34 1.48 -4.47	32.37 1.41 -1.79	28.22 1.20 0.00	28.76 1.21 0.00	29.13 1.22 0.00	38.11 1.52 0.00	36.30 1.35 0.00	34.89 1.20 0.00	49.82 1.83 0.00	52.27 2.07 0.00	40.75 1.73 0.00	35.31 1.56 0.00	34.31 1.61 0.00	33.60 1.43 0.00	29.89 1.20 0.00	25.45 1.16 0.00
LOWVILLE_115KV_TB2 356335	33.38 -0.83 -1.04	29.23 -0.47 -0.12	17.17 -0.29 0.00	26.29 -0.45 0.00	24.20 -0.47 0.00	25.58 -0.22 -0.16	31.41 -0.13 -0.48	32.79 -0.16 -0.04	29.45 -0.23 -0.29	28.73 -0.47 -0.03	15.11 -0.63 11.27	27.08 -0.68 -0.20	-1.43 -0.81 28.53	-17.52 -0.93 53.18	-19.46 -1.06 53.35	33.51 -1.26 -1.08	48.53 -1.56 -2.11	50.98 -1.36 -2.15	39.65 -0.75 -1.39	33.92 -0.47 -0.63	33.08 0.21 -0.18	32.41 0.24 0.00	28.82 0.12 0.00	24.28 -0.01 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.30 2.02 -0.11	31.38 1.75 -0.04	22.94 0.97 -4.51	28.26 1.53 0.00	26.11 1.44 0.00	27.13 1.49 0.00	32.97 1.91 0.00	35.15 2.04 -0.19	35.30 1.78 -4.13	32.52 1.70 -1.66	28.45 1.44 0.00	29.01 1.45 0.00	29.36 1.46 0.00	38.43 1.84 0.00	36.67 1.72 0.00	35.32 1.63 0.00	50.38 2.39 0.00	52.92 2.72 0.00	41.38 2.36 0.00	35.82 2.07 0.00	34.81 2.12 0.00	34.11 1.95 0.00	30.27 1.58 0.00	25.74 1.46 0.00

LUTHERNY_35_KV_BK2 355980	35.33 2.04 -0.11	31.40 1.77 -0.04	22.95 0.99 -4.51	28.28 1.55 0.00	26.13 1.46 0.00	27.14 1.50 0.00	32.99 1.93 0.00	35.17 2.06 -0.19	35.32 1.80 -4.13	32.54 1.72 -1.66	28.49 1.48 0.00	29.04 1.48 0.00	29.39 1.48 0.00	38.47 1.88 0.00	36.71 1.76 0.00	35.35 1.66 0.00	50.41 2.42 0.00	52.96 2.77 0.00	41.42 2.41 0.00	35.85 2.09 0.00	34.84 2.14 0.00	34.13 1.97 0.00	30.30 1.61 0.00	25.77 1.49 0.00
LWR___OSWEGATCHIE_HYD 23850	32.32 -1.63 -0.78	28.30 -1.38 -0.09	16.63 -0.82 0.00	25.46 -1.27 0.00	23.46 -1.21 0.00	24.69 -1.09 -0.14	30.27 -1.20 -0.41	31.63 -1.32 -0.03	28.46 -1.19 -0.26	27.80 -1.39 -0.02	-1.75 -1.43 27.33	25.95 -1.45 0.15	-42.12 -1.58 68.45	-95.12 -1.89 129.82	-96.02 -2.06 128.91	32.56 -2.08 -0.95	46.96 -2.91 -1.88	49.32 -2.79 -1.92	38.29 -1.97 -1.24	32.75 -1.57 -0.56	31.87 -0.98 -0.16	31.19 -0.98 0.00	27.75 -0.94 0.00	23.42 -0.87 0.00
LYONS_FALL_HYD 23570	33.92 -0.20 -0.95	29.65 -0.03 -0.09	17.42 -0.04 0.00	26.67 -0.06 0.00	24.58 -0.09 0.00	25.84 0.08 -0.12	31.65 0.23 -0.35	33.17 0.23 -0.03	29.73 0.13 -0.21	29.20 0.01 -0.02	19.44 -0.12 7.46	27.58 -0.13 -0.15	8.77 -0.22 18.91	1.66 -0.24 34.68	-0.52 -0.30 35.16	34.00 -0.46 -0.77	49.00 -0.49 -1.50	51.41 -0.32 -1.53	39.99 -0.02 -0.99	34.32 0.12 -0.45	33.33 0.51 -0.13	32.68 0.52 0.00	29.08 0.38 0.00	24.52 0.22 0.00
MADISON___COUNTY_LFGE 323628	34.68 0.85 -0.66	30.38 0.71 -0.08	17.83 0.37 0.00	27.29 0.56 0.00	25.17 0.50 0.00	26.36 0.60 -0.12	32.25 0.82 -0.37	33.80 0.85 -0.03	30.25 0.65 -0.21	29.86 0.67 -0.02	25.54 0.61 2.09	28.44 0.63 -0.25	22.97 0.59 5.53	28.22 0.69 9.06	25.84 0.75 9.86	35.11 0.66 -0.76	50.48 1.02 -1.47	52.87 1.19 -1.49	40.99 1.01 -0.97	35.18 0.99 -0.43	33.80 0.98 -0.12	33.15 0.99 0.00	29.52 0.83 0.00	24.91 0.62 0.00
MALONE___115KV_TB1 356076	32.50 -0.67 0.00	28.81 -0.78 0.00	17.03 -0.43 0.00	26.14 -0.59 0.00	24.10 -0.57 0.00	25.10 -0.54 0.00	30.45 -0.61 0.00	32.38 -0.54 0.00	28.84 -0.55 0.00	28.32 -0.85 0.00	11.03 -1.10 14.89	26.36 -0.92 0.28	-10.29 -1.15 37.05	-53.20 -1.35 88.44	-42.68 -1.62 76.01	32.10 -1.59 0.00	45.80 -2.19 0.00	48.25 -1.95 0.00	37.92 -1.10 0.00	33.01 -0.75 0.00	32.25 -0.45 0.00	31.70 -0.46 0.00	28.31 -0.38 0.00	23.93 -0.36 0.00
MAPLEWOD_115KV_TB3 80458	34.73 1.44 -0.12	30.98 1.35 -0.05	23.08 0.79 -4.83	27.95 1.23 0.00	25.81 1.15 0.00	26.77 1.13 0.00	32.44 1.38 0.00	34.64 1.52 -0.20	35.20 1.38 -4.43	32.28 1.34 -1.78	28.20 1.19 0.00	28.76 1.21 0.00	29.13 1.22 0.00	38.09 1.50 0.00	36.36 1.41 0.00	34.97 1.28 0.00	49.89 1.90 0.00	52.31 2.12 0.00	40.74 1.72 0.00	35.27 1.51 0.00	34.21 1.52 0.00	33.54 1.38 0.00	29.84 1.15 0.00	25.35 1.07 0.00
MAPLE_RIDGE_WT_1 323574	32.74 -0.43 0.00	29.29 -0.30 0.00	17.31 -0.15 0.00	26.52 -0.21 0.00	24.49 -0.19 0.00	25.48 -0.16 0.00	30.85 -0.21 0.00	32.42 -0.50 0.00	28.95 -0.44 0.00	28.60 -0.57 0.00	28.31 -0.70 -2.00	26.85 -0.74 -0.04	32.12 -0.75 -4.97	0.63 -0.87 35.09	28.15 -1.00 5.80	32.77 -0.92 0.00	46.76 -1.23 0.00	48.93 -1.26 0.00	38.01 -1.01 0.00	32.90 -0.86 0.00	32.18 -0.51 0.00	31.74 -0.42 0.00	28.36 -0.33 0.00	24.02 -0.27 0.00
MAPLE_RIDGE_WT_2 323611	32.74 -0.43 0.00	29.29 -0.30 0.00	17.31 -0.15 0.00	26.52 -0.21 0.00	24.49 -0.19 0.00	25.48 -0.16 0.00	30.85 -0.21 0.00	32.42 -0.50 0.00	28.95 -0.44 0.00	28.60 -0.57 0.00	28.31 -0.70 -2.00	26.85 -0.74 -0.04	32.12 -0.75 -4.97	0.63 -0.87 35.09	28.15 -1.00 5.80	32.77 -0.92 0.00	46.76 -1.23 0.00	48.93 -1.26 0.00	38.01 -1.01 0.00	32.90 -0.86 0.00	32.18 -0.51 0.00	31.74 -0.42 0.00	28.36 -0.33 0.00	24.02 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	32.52 -0.65 0.00	28.79 -0.80 0.00	17.05 -0.40 0.00	26.21 -0.52 0.00	24.18 -0.48 0.00	25.15 -0.49 0.00	30.54 -0.52 0.00	32.56 -0.35 0.00	28.97 -0.42 0.00	28.29 -0.88 0.00	23.28 -1.22 2.52	26.53 -0.98 0.05	20.38 -1.26 6.26	-3.19 -1.43 38.34	12.25 -1.88 20.82	31.77 -1.92 0.00	45.36 -2.63 0.00	47.97 -2.22 0.00	37.85 -1.17 0.00	33.00 -0.76 0.00	32.22 -0.48 0.00	31.69 -0.48 0.00	28.33 -0.36 0.00	24.00 -0.29 0.00
MARSHVLE_115KV_TB1 80742	35.09 1.91 0.00	31.23 1.64 0.00	18.41 0.95 0.00	28.12 1.39 0.00	25.96 1.29 0.00	27.03 1.39 0.00	32.77 1.71 0.00	34.53 1.61 0.00	30.47 1.07 0.00	30.11 0.94 0.00	27.85 0.84 0.00	28.44 0.88 0.00	28.82 0.91 0.00	37.86 1.36 0.08	36.25 1.31 0.01	35.16 1.47 0.00	50.07 2.08 0.00	52.39 2.20 0.00	40.84 1.83 0.00	35.64 1.88 0.00	34.85 2.15 0.00	34.38 2.21 0.00	30.65 1.96 0.00	25.80 1.51 0.00
MARSH_HILL_WT_PWR 323713	33.23 -0.33 -0.38	29.09 -0.55 -0.05	17.00 -0.46 0.00	25.86 -0.87 0.00	23.84 -0.83 0.00	25.06 -0.67 -0.09	30.83 -0.49 -0.26	32.39 -0.58 -0.05	28.97 -0.86 -0.44	28.45 -0.76 -0.04	26.95 -0.61 -0.55	27.38 -0.80 -0.62	27.76 -0.79 -0.64	35.80 -1.34 -0.55	35.28 -1.13 -1.46	34.50 -0.81 -1.63	50.17 -0.96 -3.15	52.56 -1.20 -3.56	40.08 -1.01 -2.07	34.22 -0.47 -0.93	32.39 -0.57 -0.26	31.76 -0.41 0.00	28.56 -0.13 0.00	24.06 -0.23 0.00
MCINTYRE_115KV_TB2 80467	33.48 0.01 -0.30	29.50 -0.09 0.00	17.37 -0.09 0.00	26.61 -0.12 0.00	24.55 -0.12 0.00	25.58 -0.06 0.00	30.92 -0.14 0.00	32.44 -0.48 0.00	28.81 -0.58 0.00	28.65 -0.53 0.00	-21.68 -0.68 48.02	25.92 -0.73 0.89	-92.34 -0.73 119.52	-189.86 -0.86 225.59	-190.83 -0.93 224.85	32.82 -0.87 0.00	47.34 -0.64 0.00	49.97 -0.22 0.00	38.68 -0.34 0.00	33.80 0.04 0.00	33.29 0.59 0.00	32.82 0.65 0.00	29.23 0.54 0.00	24.64 0.35 0.00
MECO_____69_KV_BK1 80468	37.27 4.09 0.00	33.10 3.52 0.00	19.47 2.01 0.00	29.74 3.01 0.00	27.45 2.78 0.00	28.61 2.97 0.00	34.56 3.50 0.00	36.01 3.09 0.00	30.97 1.58 0.00	29.98 0.81 0.00	27.38 0.36 0.00	28.18 0.63 0.00	28.49 0.59 0.00	37.65 1.14 0.07	35.96 1.02 0.00	34.73 1.04 0.00	49.52 1.53 0.00	52.24 2.04 0.00	42.16 3.14 0.00	37.84 4.08 0.00	37.22 4.53 0.00	36.57 4.40 0.00	32.43 3.74 0.00	27.10 2.82 0.00
MENANDS___115KV_TB5 355628	34.52 1.23 -0.12	30.81 1.17 -0.05	23.01 0.71 -4.85	27.82 1.09 0.00	25.70 1.03 0.00	26.63 0.98 0.00	32.27 1.21 0.00	34.44 1.32 -0.20	35.06 1.23 -4.44	32.14 1.18 -1.78	28.06 1.05 0.00	28.62 1.07 0.00	28.98 1.08 0.00	37.90 1.31 0.00	36.16 1.20 0.00	34.76 1.07 0.00	49.59 1.61 0.00	52.00 1.80 0.00	40.45 1.43 0.00	35.00 1.25 0.00	33.96 1.27 0.00	33.30 1.14 0.00	29.64 0.96 0.00	25.21 0.92 0.00
MG INDUSTRY___DRP 24185	34.49 1.22 -0.10	30.77 1.14 -0.04	22.36 0.70 -4.21	27.81 1.07 0.00	25.69 1.02 0.00	26.65 1.01 0.00	32.25 1.19 0.00	34.32 1.23 -0.18	34.33 1.07 -3.87	31.66 0.94 -1.55	27.80 0.78 0.00	28.31 0.75 0.00	28.65 0.74 0.00	37.48 0.89 0.00	35.81 0.86 0.00	34.45 0.76 0.00	49.17 1.18 0.00	51.55 1.36 0.00	40.21 1.19 0.00	34.89 1.14 0.00	33.86 1.16 0.00	33.26 1.10 0.00	29.64 0.95 0.00	25.19 0.90 0.00

MID___OSWEGATCHIE_HYD 23849	32.32 -1.63 -0.78	28.30 -1.38 -0.09	16.63 -0.82 0.00	25.46 -1.27 0.00	23.46 -1.21 0.00	24.69 -1.09 -0.14	30.27 -1.20 -0.41	31.63 -1.32 -0.03	28.46 -1.19 -0.26	27.80 -1.39 -0.02	-1.75 -1.43 27.33	25.95 -1.45 0.15	-42.12 -1.58 68.45	-95.12 -1.89 129.82	-96.02 -2.06 128.91	32.56 -2.08 -0.95	46.96 -2.91 -1.88	49.32 -2.79 -1.92	38.29 -1.97 -1.24	32.75 -1.57 -0.56	31.87 -0.98 -0.16	31.19 -0.98 0.00	27.75 -0.94 0.00	23.42 -0.87 0.00
MID___RAQUETTE_HYD 23851	31.84 -1.72 -0.39	28.07 -1.57 -0.05	16.52 -0.93 0.00	25.33 -1.40 0.00	23.35 -1.32 0.00	24.41 -1.30 -0.07	29.68 -1.60 -0.21	31.16 -1.78 -0.02	27.96 -1.57 -0.13	27.51 -1.67 -0.01	-15.25 -1.69 40.58	25.29 -1.70 0.57	-75.07 -1.78 101.21	-158.26 -2.18 192.68	-158.25 -2.27 190.93	32.06 -2.12 -0.49	45.83 -3.17 -1.02	48.03 -3.20 -1.04	37.30 -2.39 -0.67	32.04 -2.02 -0.30	31.15 -1.63 -0.08	30.56 -1.60 0.00	27.25 -1.44 0.00	23.04 -1.25 0.00
MILLIKEN___1 23584	34.89 0.61 -1.10	30.21 0.46 -0.16	17.68 0.22 0.00	27.03 0.30 0.00	24.92 0.25 0.00	26.21 0.31 -0.26	32.28 0.45 -0.76	33.63 0.59 -0.12	30.79 0.43 -0.97	29.64 0.38 -0.09	28.60 0.37 -1.22	29.26 0.33 -1.38	29.70 0.36 -1.43	40.29 0.37 -3.33	38.71 0.43 -3.33	37.76 0.49 -3.59	55.69 0.78 -6.93	58.18 0.94 -7.05	44.34 0.76 -4.56	36.63 0.82 -2.05	33.93 0.66 -0.58	32.73 0.57 0.00	29.19 0.50 0.00	24.59 0.30 0.00
MILLIKEN___2 23585	34.89 0.61 -1.10	30.21 0.46 -0.16	17.68 0.22 0.00	27.03 0.30 0.00	24.92 0.25 0.00	26.21 0.31 -0.26	32.28 0.45 -0.76	33.63 0.59 -0.12	30.79 0.43 -0.97	29.64 0.38 -0.09	28.60 0.37 -1.22	29.26 0.33 -1.38	29.70 0.36 -1.43	40.29 0.37 -3.33	38.71 0.43 -3.33	37.76 0.49 -3.59	55.69 0.78 -6.93	58.18 0.94 -7.05	44.34 0.76 -4.56	36.63 0.82 -2.05	33.93 0.66 -0.58	32.73 0.57 0.00	29.19 0.50 0.00	24.59 0.30 0.00
MILLIKEN___DIESEL 23629	34.89 0.61 -1.10	30.21 0.46 -0.16	17.68 0.22 0.00	27.03 0.30 0.00	24.92 0.25 0.00	26.21 0.31 -0.26	32.28 0.45 -0.76	33.63 0.59 -0.12	30.79 0.43 -0.97	29.64 0.38 -0.09	28.60 0.37 -1.22	29.26 0.33 -1.38	29.70 0.36 -1.43	40.29 0.37 -3.33	38.71 0.43 -3.33	37.76 0.49 -3.59	55.69 0.78 -6.93	58.18 0.94 -7.05	44.34 0.76 -4.56	36.63 0.82 -2.05	33.93 0.66 -0.58	32.73 0.57 0.00	29.19 0.50 0.00	24.59 0.30 0.00
MILLSEAT___LFGE 323607	32.09 -1.08 0.00	28.56 -1.03 0.00	16.66 -0.79 0.00	25.43 -1.30 0.00	23.53 -1.14 0.00	24.60 -1.04 0.00	29.85 -1.21 0.00	31.47 -1.45 0.00	27.55 -1.84 0.00	27.49 -1.68 0.00	25.72 -1.30 0.00	26.16 -1.40 0.00	26.53 -1.37 0.00	33.01 -2.25 1.33	32.94 -1.94 0.07	32.17 -1.52 0.00	45.99 -1.99 0.00	49.04 -2.71 -1.56	36.98 -2.04 -0.01	32.45 -1.31 0.00	31.16 -1.54 0.00	30.74 -1.42 0.00	27.76 -0.93 0.00	23.39 -0.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	36.34 2.36 -0.80	32.02 2.11 -0.32	51.12 1.26 -32.41	28.58 1.85 0.00	26.41 1.74 0.00	27.41 1.77 0.00	33.28 2.22 0.00	36.75 2.48 -1.35	61.62 2.34 -29.89	43.58 2.42 -11.99	29.37 2.35 0.00	29.97 2.42 0.00	30.38 2.47 0.00	39.64 3.12 0.06	38.14 3.19 0.00	36.71 3.03 0.00	52.10 4.11 0.00	54.62 4.43 0.00	42.13 3.11 0.00	36.25 2.49 0.00	35.29 2.59 0.00	34.74 2.57 0.00	30.93 2.25 0.00	26.19 1.90 0.00
MILLWOOD_13_KV_LOAD 356217	36.47 2.49 -0.80	32.12 2.21 -0.32	51.18 1.32 -32.41	28.68 1.94 0.00	26.49 1.82 0.00	27.50 1.86 0.00	33.38 2.32 0.00	36.88 2.61 -1.35	61.74 2.46 -29.89	43.70 2.55 -11.99	29.48 2.47 0.00	30.09 2.53 0.00	30.51 2.60 0.00	39.82 3.30 0.06	38.31 3.36 0.00	36.88 3.19 0.00	52.35 4.36 0.00	54.88 4.68 0.00	42.33 3.31 0.00	36.40 2.65 0.00	35.44 2.74 0.00	34.87 2.71 0.00	31.04 2.35 0.00	26.27 1.98 0.00
MODEL_CITY_ENERGY 24167	30.92 -2.26 0.00	27.55 -2.03 0.00	16.08 -1.37 0.00	24.55 -2.19 0.00	22.71 -1.96 0.00	23.76 -1.88 0.00	28.78 -2.28 0.00	30.29 -2.63 0.00	26.47 -2.92 0.00	26.45 -2.72 0.00	24.77 -2.24 0.00	25.14 -2.42 0.00	25.53 -2.37 0.01	30.95 -3.65 1.99	31.59 -3.25 0.10	30.95 -2.74 0.00	44.28 -3.71 0.00	46.70 -4.65 -1.15	35.46 -3.56 0.00	31.06 -2.69 0.00	29.81 -2.89 0.00	29.44 -2.72 0.00	26.71 -1.98 0.00	22.56 -1.73 0.00
MODERN_LFGE___ 323580	30.92 -2.26 0.00	27.55 -2.03 0.00	16.08 -1.37 0.00	24.55 -2.19 0.00	22.71 -1.96 0.00	23.76 -1.88 0.00	28.78 -2.28 0.00	30.29 -2.63 0.00	26.47 -2.92 0.00	26.45 -2.72 0.00	24.77 -2.24 0.00	25.14 -2.42 0.00	25.53 -2.37 0.01	30.95 -3.65 1.99	31.59 -3.25 0.10	30.95 -2.74 0.00	44.28 -3.71 0.00	46.70 -4.65 -1.15	35.46 -3.56 0.00	31.06 -2.69 0.00	29.81 -2.89 0.00	29.44 -2.72 0.00	26.71 -1.98 0.00	22.56 -1.73 0.00
MOHAWK_PAPER___DRP 24187	34.73 1.44 -0.12	30.98 1.35 -0.05	23.08 0.79 -4.83	27.95 1.23 0.00	25.81 1.15 0.00	26.77 1.13 0.00	32.44 1.38 0.00	34.64 1.52 -0.20	35.20 1.38 -4.43	32.28 1.34 -1.78	28.20 1.19 0.00	28.76 1.21 0.00	29.13 1.22 0.00	38.09 1.50 0.00	36.36 1.41 0.00	34.97 1.28 0.00	49.89 1.90 0.00	52.31 2.12 0.00	40.74 1.72 0.00	35.27 1.51 0.00	34.21 1.52 0.00	33.54 1.38 0.00	29.84 1.15 0.00	25.35 1.07 0.00
MOHICAN___35_KV_115KV_LD 80490	35.59 2.31 -0.11	31.54 1.91 -0.04	22.94 0.99 -4.49	28.35 1.62 0.00	26.24 1.57 0.00	27.27 1.63 0.00	33.23 2.17 0.00	35.45 2.35 -0.19	35.53 2.03 -4.11	32.70 1.88 -1.65	28.45 1.44 0.00	29.04 1.49 0.00	29.38 1.47 0.00	38.44 1.85 0.00	36.64 1.70 0.00	35.32 1.63 0.00	50.43 2.45 0.00	53.11 2.92 0.00	41.75 2.73 0.00	36.08 2.32 0.00	35.16 2.47 0.00	34.36 2.20 0.00	30.36 1.68 0.00	25.91 1.63 0.00
MONGAUP___HYD 23641	34.51 2.21 0.87	31.15 1.91 0.35	-16.46 1.19 35.10	28.50 1.77 0.00	26.22 1.55 0.00	27.24 1.60 0.00	33.10 2.04 0.00	34.09 2.24 1.07	7.86 2.10 23.63	21.68 1.98 9.48	28.86 1.84 0.00	29.47 1.91 0.00	29.84 1.94 0.00	38.87 2.36 0.07	37.56 2.61 0.00	36.03 2.34 0.00	51.09 3.10 0.00	53.62 3.42 0.00	41.77 2.75 0.00	36.19 2.43 0.00	35.12 2.43 0.00	34.56 2.40 0.00	30.82 2.13 0.00	26.02 1.73 0.00
MONTAUK___DIESEL 23721	39.44 4.11 -2.15	39.08 3.21 -6.29	83.62 2.14 -64.02	36.64 3.50 -6.41	85.11 3.54 -56.90	50.48 3.43 -21.40	34.81 3.75 0.00	38.61 4.47 -1.22	61.49 4.22 -27.87	58.02 4.64 -24.21	87.10 4.84 -55.25	61.84 4.88 -29.40	74.69 4.94 -41.85	114.53 6.55 -71.39	147.83 6.52 -106.36	197.69 6.11 -157.89	183.69 8.40 -127.30	290.07 8.92 -230.96	143.99 6.23 -98.75	73.35 4.51 -35.09	157.66 4.83 -120.13	102.94 4.99 -65.78	33.05 4.36 0.00	44.61 3.34 -16.98
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.50 -0.68 0.00	28.82 -0.77 0.00	16.84 -0.62 0.00	25.72 -1.01 0.00	23.75 -0.92 0.00	24.80 -0.84 0.00	30.31 -0.75 0.00	32.24 -0.70 -0.03	28.62 -0.99 -0.22	28.35 -0.85 -0.02	26.82 -0.48 -0.28	27.31 -0.56 -0.31	27.55 -0.68 -0.32	34.27 -1.14 1.18	34.78 -0.82 -0.66	33.87 -0.63 -0.82	48.85 -0.71 -1.58	51.57 -1.12 -2.50	39.08 -0.98 -1.04	33.64 -0.58 -0.47	31.94 -0.89 -0.13	31.44 -0.72 0.00	28.38 -0.31 0.00	23.81 -0.48 0.00

MORTIMER_115KV_TB3 55949	32.30 -0.87 0.00	28.74 -0.85 0.00	16.83 -0.63 0.00	25.71 -1.02 0.00	23.77 -0.90 0.00	24.79 -0.85 0.00	30.07 -0.99 0.00	31.79 -1.13 0.00	28.04 -1.35 0.00	27.97 -1.20 0.00	26.11 -0.90 0.00	26.59 -0.97 0.00	26.97 -0.93 0.00	35.30 -1.50 -0.22	33.61 -1.35 -0.01	32.62 -1.06 0.00	46.66 -1.32 0.00	48.41 -1.79 0.00	37.67 -1.34 0.00	32.77 -0.98 0.00	31.52 -1.17 0.00	31.09 -1.08 0.00	27.90 -0.79 0.00	23.55 -0.74 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.55 2.66 -0.72	32.26 2.39 -0.29	47.95 1.43 -29.06	28.82 2.09 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.59 2.53 0.00	36.97 2.84 -1.21	58.84 2.68 -26.78	42.67 2.76 -10.74	29.71 2.70 0.00	30.32 2.76 0.00	30.73 2.82 0.00	40.07 3.55 0.06	38.58 3.64 0.00	37.14 3.45 0.00	52.67 4.68 0.00	55.20 5.01 0.00	42.52 3.50 0.00	36.58 2.82 0.00	35.62 2.92 0.00	35.11 2.95 0.00	31.27 2.58 0.00	26.45 2.16 0.00
MUNSVILLE_WIND_PWR 323609	36.54 2.67 -0.70	31.88 2.20 -0.10	18.63 1.18 0.00	28.44 1.71 0.00	26.19 1.52 0.00	27.50 1.69 -0.16	33.77 2.23 -0.48	35.50 2.49 -0.10	32.15 1.99 -0.77	31.05 1.82 -0.07	29.55 1.57 -0.96	30.11 1.47 -1.09	30.54 1.50 -1.13	40.71 1.63 -2.49	39.04 1.46 -2.62	38.16 1.63 -2.84	55.92 2.46 -5.48	59.07 3.29 -5.58	45.32 2.69 -3.61	38.17 2.79 -1.63	35.71 2.56 -0.46	34.65 2.48 0.00	30.79 2.10 0.00	25.79 1.50 0.00
N SALMON___HYD 24042	32.50 -0.67 0.00	28.81 -0.78 0.00	17.03 -0.42 0.00	26.14 -0.59 0.00	24.10 -0.57 0.00	25.10 -0.54 0.00	30.45 -0.61 0.00	32.38 -0.54 0.00	28.83 -0.56 0.00	28.32 -0.85 0.00	11.03 -1.10 14.89	26.35 -0.93 0.28	-10.29 -1.15 37.05	-53.20 -1.34 88.44	-42.69 -1.62 76.01	32.10 -1.59 0.00	45.80 -2.19 0.00	48.25 -1.95 0.00	37.92 -1.10 0.00	33.01 -0.75 0.00	32.25 -0.45 0.00	31.70 -0.47 0.00	28.31 -0.38 0.00	23.93 -0.36 0.00
N.AKRON__115KV_KNAPP 355671	31.91 -1.26 0.00	28.41 -1.18 0.00	16.58 -0.88 0.00	25.29 -1.44 0.00	23.40 -1.27 0.00	24.48 -1.16 0.00	29.68 -1.38 0.00	31.29 -1.63 0.00	27.35 -2.04 0.00	27.33 -1.84 0.00	25.59 -1.43 0.00	25.98 -1.58 0.00	26.38 -1.52 0.00	32.81 -2.30 1.47	32.71 -2.16 0.07	32.04 -1.65 0.00	45.79 -2.20 0.00	48.88 -3.02 -1.70	36.73 -2.29 -0.01	32.20 -1.55 0.00	30.93 -1.77 0.00	30.52 -1.64 0.00	27.59 -1.10 0.00	23.26 -1.03 0.00
N.BELMOR_69_KV_BK1 55787	38.52 3.19 -2.15	38.70 2.82 -6.29	83.18 1.70 -64.02	35.64 2.49 -6.41	83.89 2.31 -56.90	49.43 2.38 -21.40	34.00 2.95 0.00	37.37 3.23 -1.22	60.24 2.97 -27.87	54.71 3.16 -22.38	64.16 3.03 -34.11	59.89 3.10 -29.23	62.42 3.10 -31.42	65.94 3.97 -25.37	68.67 4.09 -29.63	60.77 3.89 -23.19	54.79 5.37 -1.44	59.63 5.66 -3.78	43.30 4.07 -0.21	36.94 3.18 0.00	35.91 3.22 0.00	40.18 3.27 -4.74	31.51 2.83 0.00	43.68 2.41 -16.98
N.E_GEN_SANDY PD 24062	37.31 1.88 -2.26	34.13 1.70 -2.85	51.97 0.95 -33.56	34.81 1.50 -6.58	35.54 1.40 -9.47	45.94 1.41 -18.89	38.66 1.82 -5.78	46.58 1.99 -11.66	41.94 1.84 -10.71	36.17 1.82 -5.18	28.68 1.64 -0.02	29.22 1.66 0.00	29.60 1.70 0.00	38.64 2.11 0.05	35.84 1.94 1.05	34.65 1.75 0.79	50.57 2.58 0.00	53.60 2.84 -0.56	41.19 2.17 0.00	36.80 1.83 -1.21	35.14 1.92 -0.53	33.90 1.74 0.00	30.12 1.50 0.07	25.87 1.40 -0.18
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.98 2.27 1.46	31.02 2.01 0.58	-40.05 1.21 58.72	28.52 1.79 0.00	26.34 1.67 0.00	27.32 1.69 0.00	33.14 2.08 0.00	33.45 2.32 1.79	-8.04 2.20 39.63	15.57 2.29 15.89	29.28 2.27 0.00	29.89 2.33 0.00	30.29 2.38 0.00	39.55 3.03 0.07	38.07 3.12 0.00	36.65 2.96 0.00	51.93 3.95 0.00	54.47 4.28 0.00	42.01 2.99 0.00	36.13 2.37 0.00	35.18 2.48 0.00	34.61 2.45 0.00	30.82 2.14 0.00	26.11 1.82 0.00
N.QUEENS_27_KV_LOAD 356247	36.63 2.74 -0.72	32.34 2.47 -0.29	48.00 1.48 -29.07	28.85 2.12 0.00	26.68 2.01 0.00	27.71 2.07 0.00	33.67 2.61 0.00	37.07 2.95 -1.21	58.95 2.78 -26.78	42.79 2.87 -10.74	29.79 2.77 0.00	30.41 2.85 0.00	30.81 2.91 0.00	40.16 3.63 0.06	38.72 3.77 0.00	37.29 3.60 0.00	52.78 4.79 0.00	55.38 5.19 0.00	42.65 3.63 0.00	36.71 2.95 0.00	35.79 3.09 0.00	35.31 3.15 0.00	31.42 2.73 0.00	26.56 2.27 0.00
N.TROY___115KV_TB1 355778	34.86 1.57 -0.12	31.06 1.43 -0.05	23.14 0.81 -4.88	28.02 1.28 0.00	25.87 1.20 0.00	26.86 1.22 0.00	32.61 1.54 0.00	34.78 1.66 -0.20	35.34 1.48 -4.47	32.37 1.41 -1.79	28.22 1.21 0.00	28.77 1.21 0.00	29.13 1.23 0.00	38.11 1.52 0.00	36.30 1.36 0.00	34.89 1.20 0.00	49.82 1.83 0.00	52.27 2.08 0.00	40.75 1.73 0.00	35.31 1.56 0.00	34.31 1.61 0.00	33.60 1.43 0.00	29.89 1.20 0.00	25.45 1.16 0.00
NARROWS_GT1_1 24228	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT1_2 24229	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT1_3 24230	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT1_4 24231	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT1_5 24232	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61

NARROWS_GT1_6 24233	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT1_7 24234	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT1_8 24235	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	3200.97 2.92 -3171.03	83.72 2.99 -53.18	523.88 3.03 -492.94	256.60 3.81 -216.20	114.96 3.90 -76.11	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_1 24236	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_2 24237	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_3 24238	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_4 24239	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_5 24240	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_6 24241	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_7 24242	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NARROWS_GT2_8 24243	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.51 2.99 -33.96	87.29 3.03 -56.35	65.64 3.81 -25.24	79.30 3.90 -40.44	65.79 3.71 -28.40	55.30 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.74 -6.60	41.21 2.31 -14.61
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.23 2.06 0.00	31.44 1.85 0.00	18.55 1.10 0.00	28.42 1.69 0.00	26.26 1.59 0.00	27.24 1.60 0.00	32.98 1.92 0.00	34.88 1.96 0.00	31.14 1.75 0.00	30.66 1.49 0.00	28.19 1.17 0.00	28.74 1.18 0.00	29.09 1.19 0.00	38.01 1.47 0.05	36.42 1.47 0.00	35.02 1.33 0.00	50.13 2.14 0.00	52.59 2.40 0.00	41.23 2.21 0.00	35.89 2.14 0.00	34.81 2.11 0.00	34.11 1.94 0.00	30.29 1.60 0.00	25.74 1.45 0.00
NCHELSEA_115KV_TR2 355582	35.82 2.65 0.00	31.92 2.34 0.00	18.82 1.36 0.00	28.75 2.02 0.00	26.55 1.89 0.00	27.59 1.94 0.00	33.53 2.46 0.00	35.67 2.75 0.00	31.95 2.56 0.00	31.78 2.60 0.00	29.53 2.52 0.00	30.15 2.60 0.00	30.56 2.66 0.00	39.92 3.40 0.06	38.37 3.43 0.00	37.01 3.32 0.00	52.61 4.62 0.00	55.17 4.98 0.00	42.63 3.61 0.00	36.67 2.92 0.00	35.67 2.98 0.00	35.06 2.89 0.00	31.18 2.49 0.00	26.36 2.07 0.00
NEG CAPITAL___MECHNVIL 23645	35.36 2.07 -0.11	31.41 1.78 -0.05	23.06 0.97 -4.63	28.28 1.55 0.00	26.13 1.46 0.00	27.14 1.50 0.00	32.98 1.92 0.00	35.18 2.07 -0.19	35.45 1.82 -4.24	32.64 1.77 -1.70	28.53 1.51 0.00	29.06 1.50 0.00	29.43 1.52 0.00	38.52 1.94 0.00	36.74 1.79 0.00	35.38 1.69 0.00	50.51 2.52 0.00	53.05 2.85 0.00	41.45 2.43 0.00	35.88 2.13 0.00	34.85 2.15 0.00	34.13 1.97 0.00	30.29 1.61 0.00	25.75 1.46 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.95 -1.22 0.00	28.42 -1.17 0.00	16.66 -0.80 0.00	25.46 -1.27 0.00	23.54 -1.13 0.00	24.55 -1.09 0.00	29.78 -1.28 0.00	31.53 -1.39 0.00	27.91 -1.48 0.00	27.83 -1.34 0.00	25.92 -1.10 0.00	26.40 -1.16 0.00	26.77 -1.14 0.00	35.10 -1.76 -0.27	33.40 -1.56 -0.01	32.36 -1.33 0.00	46.25 -1.74 0.00	48.08 -2.12 0.00	37.44 -1.57 0.00	32.53 -1.23 0.00	31.30 -1.40 0.00	30.82 -1.35 0.00	27.61 -1.08 0.00	23.29 -1.00 0.00

NEG CENTRAL___DRP 24199	34.10 -0.19 -1.12	29.51 -0.24 -0.16	17.25 -0.20 0.00	26.36 -0.38 0.00	24.33 -0.34 0.00	25.61 -0.29 -0.27	31.54 -0.30 -0.78	32.77 -0.23 -0.09	29.75 -0.36 -0.71	28.88 -0.35 -0.06	26.90 -0.26 -0.14	28.21 -0.34 -0.99	26.84 -0.26 0.81	35.61 -0.50 0.47	33.61 -0.43 0.91	36.04 -0.27 -2.62	52.71 -0.33 -5.06	54.98 -0.37 -5.15	42.10 -0.25 -3.33	35.20 -0.06 -1.50	32.91 -0.21 -0.42	31.94 -0.23 0.00	28.56 -0.13 0.00	24.06 -0.23 0.00
NEG CENTRAL___INDECK 23768	33.22 0.05 0.00	29.68 0.10 0.00	17.36 -0.09 0.00	26.51 -0.22 0.00	24.48 -0.19 0.00	25.60 -0.04 0.00	31.17 0.11 0.00	32.84 -0.11 -0.03	28.87 -0.78 -0.25	28.52 -0.68 -0.02	26.85 -0.48 -0.32	27.25 -0.67 -0.36	27.18 -1.10 -0.37	35.02 -1.92 -0.35	34.14 -1.65 -0.84	33.25 -1.37 -0.94	47.94 -1.85 -1.81	49.82 -2.22 -1.84	38.51 -1.70 -1.19	33.39 -0.90 -0.54	32.00 -0.85 -0.15	32.15 -0.02 0.00	29.01 0.32 0.00	24.40 0.11 0.00
NEG CENTRAL___SENECA 23627	33.61 -0.16 -0.60	29.45 -0.22 -0.09	17.24 -0.22 0.00	26.32 -0.41 0.00	24.30 -0.37 0.00	25.50 -0.28 -0.14	31.20 -0.28 -0.41	32.73 -0.24 -0.05	29.40 -0.42 -0.42	28.80 -0.41 -0.04	27.25 -0.29 -0.53	27.73 -0.42 -0.60	28.21 -0.32 -0.62	37.55 -0.62 -1.58	35.88 -0.53 -1.46	34.93 -0.33 -1.57	50.64 -0.37 -3.03	52.82 -0.46 -3.08	40.73 -0.28 -1.99	34.63 -0.02 -0.90	32.73 -0.22 -0.25	31.98 -0.19 0.00	28.63 -0.06 0.00	24.09 -0.20 0.00
NEG CENTRAL___STATE_STREET 24147	34.71 0.05 -1.49	29.85 0.05 -0.21	17.46 0.00 0.00	26.68 -0.05 0.00	24.62 -0.06 0.00	25.90 -0.09 -0.36	32.04 -0.06 -1.04	33.07 0.04 -0.12	30.27 -0.07 -0.95	29.20 -0.05 -0.08	27.38 -0.02 -0.38	28.83 -0.05 -1.32	27.34 0.03 0.60	36.70 -0.06 -0.17	34.56 -0.04 0.35	37.19 0.02 -3.48	54.80 0.09 -6.72	57.15 0.11 -6.84	43.56 0.12 -4.42	35.97 0.22 -1.99	33.36 0.10 -0.56	32.18 0.01 0.00	28.78 0.09 0.00	24.27 -0.02 0.00
NEG MILLWOOD___DRP 24198	35.98 2.80 0.00	32.06 2.48 0.00	18.90 1.44 0.00	28.89 2.16 0.00	26.67 2.00 0.00	27.70 2.07 0.00	33.68 2.62 0.00	35.86 2.94 0.00	32.16 2.77 0.00	32.04 2.87 0.00	29.77 2.75 0.00	30.41 2.85 0.00	30.85 2.94 0.00	40.24 3.71 0.06	38.62 3.68 0.00	37.28 3.59 0.00	52.93 4.95 0.00	55.50 5.31 0.00	42.84 3.82 0.00	36.85 3.09 0.00	35.81 3.11 0.00	35.20 3.03 0.00	31.31 2.62 0.00	26.46 2.17 0.00
NEG NORTH_FLCN_SEA 23793	32.91 -0.27 0.00	29.12 -0.46 0.00	17.24 -0.22 0.00	26.52 -0.21 0.00	24.59 -0.08 0.00	25.52 -0.12 0.00	31.11 0.05 0.00	33.25 0.33 0.00	29.53 0.14 0.00	28.68 -0.50 0.00	22.73 -0.96 3.33	26.89 -0.61 0.06	18.65 -0.96 8.29	-6.23 -1.18 41.64	8.74 -1.75 24.45	31.74 -1.95 0.00	45.26 -2.73 0.00	48.09 -2.10 0.00	38.15 -0.87 0.00	33.28 -0.48 0.00	32.53 -0.17 0.00	32.02 -0.14 0.00	28.67 -0.02 0.00	24.30 0.01 0.00
NEG NORTH_KES_CHATEGAY 23792	32.53 -0.64 0.00	28.82 -0.76 0.00	17.07 -0.39 0.00	26.20 -0.53 0.00	24.15 -0.52 0.00	25.13 -0.51 0.00	30.50 -0.57 0.00	32.44 -0.48 0.00	28.84 -0.55 0.00	28.29 -0.88 0.00	19.64 -1.22 6.15	26.43 -1.02 0.11	11.32 -1.28 15.31	-17.92 -1.45 53.06	-3.92 -1.82 37.04	31.87 -1.82 0.00	45.54 -2.44 0.00	48.06 -2.13 0.00	37.89 -1.13 0.00	32.99 -0.77 0.00	32.24 -0.46 0.00	31.69 -0.47 0.00	28.33 -0.36 0.00	23.98 -0.30 0.00
NEG NORTH___ALICE_FALLS 23915	32.94 -0.24 0.00	29.14 -0.45 0.00	17.24 -0.21 0.00	26.52 -0.21 0.00	24.56 -0.12 0.00	25.51 -0.12 0.00	31.08 0.02 0.00	33.20 0.28 0.00	29.48 0.09 0.00	28.70 -0.47 0.00	22.31 -0.92 3.78	26.88 -0.61 0.07	17.59 -0.92 9.40	-7.94 -1.08 43.45	6.93 -1.57 26.45	31.98 -1.71 0.00	45.63 -2.36 0.00	48.44 -1.76 0.00	38.38 -0.64 0.00	33.49 -0.26 0.00	32.72 0.02 0.00	32.19 0.03 0.00	28.79 0.10 0.00	24.38 0.09 0.00
NEG NORTH___LWR_SARANAC 23913	32.94 -0.24 0.00	29.14 -0.45 0.00	17.24 -0.21 0.00	26.52 -0.21 0.00	24.56 -0.12 0.00	25.51 -0.12 0.00	31.08 0.02 0.00	33.20 0.28 0.00	29.48 0.09 0.00	28.70 -0.47 0.00	22.31 -0.92 3.78	26.88 -0.61 0.07	17.59 -0.92 9.40	-7.94 -1.08 43.45	6.93 -1.57 26.45	31.98 -1.71 0.00	45.63 -2.36 0.00	48.44 -1.76 0.00	38.38 -0.64 0.00	33.49 -0.26 0.00	32.72 0.02 0.00	32.19 0.03 0.00	28.79 0.10 0.00	24.38 0.09 0.00
NEG NORTH___PLATTSBURG 23628	32.94 -0.24 0.00	29.14 -0.45 0.00	17.24 -0.21 0.00	26.52 -0.21 0.00	24.56 -0.12 0.00	25.51 -0.12 0.00	31.08 0.02 0.00	33.20 0.28 0.00	29.48 0.09 0.00	28.69 -0.48 0.00	22.31 -0.92 3.78	26.88 -0.61 0.07	17.59 -0.92 9.40	-7.94 -1.08 43.45	6.92 -1.58 26.45	31.98 -1.71 0.00	45.63 -2.36 0.00	48.44 -1.76 0.00	38.38 -0.64 0.00	33.49 -0.26 0.00	32.72 0.02 0.00	32.19 0.03 0.00	28.79 0.10 0.00	24.38 0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	31.19 -1.99 0.00	27.83 -1.75 0.00	16.24 -1.21 0.00	24.79 -1.94 0.00	22.94 -1.73 0.00	23.99 -1.65 0.00	29.07 -1.99 0.00	30.61 -2.30 0.00	26.73 -2.66 0.00	26.73 -2.44 0.00	25.03 -1.99 0.00	25.39 -2.16 0.00	25.80 -2.11 0.00	31.59 -3.19 1.80	31.94 -2.92 0.09	31.28 -2.42 0.00	44.76 -3.23 0.00	47.68 -4.11 -1.60	35.87 -3.15 -0.01	31.40 -2.36 0.00	30.16 -2.54 0.00	29.79 -2.37 0.00	26.98 -1.71 0.00	22.79 -1.50 0.00
NEG WEST___LANCASTR 23811	31.91 -1.26 0.00	28.36 -1.22 0.00	16.57 -0.89 0.00	25.32 -1.41 0.00	23.38 -1.29 0.00	24.44 -1.20 0.00	29.66 -1.40 0.00	31.32 -1.62 -0.03	27.70 -1.91 -0.22	27.51 -1.67 -0.02	25.84 -1.45 -0.27	26.24 -1.63 -0.31	26.58 -1.64 -0.31	33.11 -2.30 1.18	33.57 -2.03 -0.65	32.80 -1.70 -0.81	47.39 -2.15 -1.56	50.11 -2.77 -2.69	37.81 -2.24 -1.03	32.56 -1.66 -0.46	30.95 -1.88 -0.13	30.51 -1.66 0.00	27.53 -1.16 0.00	23.21 -1.08 0.00
NEG_PENN_ALLEGHNY 23528	34.15 0.31 -0.67	29.86 0.18 -0.10	17.51 0.06 0.00	26.78 0.05 0.00	24.68 0.02 0.00	25.89 0.09 -0.16	31.69 0.17 -0.46	33.30 0.28 -0.10	30.39 0.18 -0.82	29.45 0.20 -0.07	28.31 0.28 -1.02	29.01 0.30 -1.15	29.38 0.27 -1.20	39.36 0.25 -2.52	38.13 0.40 -2.78	37.11 0.40 -3.01	54.41 0.61 -5.82	56.81 0.69 -5.93	43.28 0.43 -3.83	35.93 0.45 -1.73	33.39 0.21 -0.49	32.37 0.21 0.00	28.89 0.20 0.00	24.35 0.06 0.00
NEG___GEN_MONROE 24207	32.49 -0.68 0.00	28.90 -0.68 0.00	16.91 -0.55 0.00	25.83 -0.90 0.00	23.89 -0.78 0.00	24.93 -0.71 0.00	30.24 -0.82 0.00	31.96 -0.96 0.00	28.12 -1.27 0.00	28.05 -1.12 0.00	26.19 -0.82 0.00	26.66 -0.90 0.00	27.05 -0.85 0.00	35.31 -1.40 -0.13	33.72 -1.24 -0.01	32.75 -0.94 0.00	46.81 -1.17 0.00	48.53 -1.66 0.00	37.79 -1.22 0.00	32.94 -0.81 0.00	31.70 -1.00 0.00	31.26 -0.90 0.00	28.09 -0.60 0.00	23.68 -0.61 0.00
NEPA___ENERGY 23901	32.14 -1.04 0.00	28.49 -1.10 0.00	16.66 -0.80 0.00	25.46 -1.27 0.00	23.47 -1.20 0.00	24.56 -1.08 0.00	29.86 -1.20 0.00	31.63 -1.32 -0.03	28.06 -1.56 -0.23	27.72 -1.47 -0.02	26.23 -1.07 -0.28	26.77 -1.10 -0.32	27.07 -1.16 -0.33	33.67 -1.73 1.19	34.26 -1.36 -0.67	33.35 -1.17 -0.83	48.12 -1.48 -1.61	50.71 -1.83 -2.34	38.43 -1.65 -1.06	33.06 -1.17 -0.48	31.30 -1.53 -0.13	30.87 -1.29 0.00	27.82 -0.87 0.00	23.37 -0.92 0.00

NEVERSINK___HYD 23608	34.57 1.57 0.17	30.87 1.35 0.07	11.22 0.79 7.03	27.86 1.13 0.00	25.72 1.06 0.00	26.74 1.10 0.00	32.49 1.43 0.00	34.27 1.62 0.27	24.83 1.58 6.14	28.31 1.61 2.47	28.58 1.57 0.00	29.19 1.64 0.00	29.58 1.67 0.00	38.73 2.22 0.07	37.23 2.29 0.00	35.94 2.25 0.00	50.99 3.00 0.00	53.53 3.34 0.00	41.45 2.43 0.00	35.70 1.94 0.00	34.50 1.80 0.00	33.91 1.75 0.00	30.14 1.46 0.00	25.44 1.15 0.00
NEWKRMKL_115KV_TB1 55635	34.36 1.07 -0.12	30.67 1.04 -0.05	22.85 0.64 -4.75	27.71 0.98 0.00	25.60 0.93 0.00	26.53 0.89 0.00	32.12 1.06 0.00	34.28 1.17 -0.20	34.85 1.10 -4.35	31.96 1.05 -1.75	27.95 0.93 0.00	28.50 0.95 0.00	28.87 0.96 0.00	37.75 1.16 0.00	36.03 1.09 0.00	34.65 0.96 0.00	49.42 1.43 0.00	51.80 1.61 0.00	40.30 1.28 0.00	34.85 1.09 0.00	33.83 1.13 0.00	33.17 1.01 0.00	29.53 0.84 0.00	25.11 0.82 0.00
NEWTON___FALLS_HYD 23847	32.32 -1.63 -0.78	28.30 -1.38 -0.09	16.63 -0.82 0.00	25.46 -1.27 0.00	23.46 -1.21 0.00	24.69 -1.09 -0.14	30.27 -1.20 -0.41	31.63 -1.32 -0.03	28.46 -1.19 -0.26	27.80 -1.39 -0.02	-1.75 -1.43 27.33	25.95 -1.45 0.15	-42.12 -1.58 68.45	-95.12 -1.89 129.82	-96.02 -2.06 128.91	32.56 -2.08 -0.95	46.96 -2.91 -1.88	49.32 -2.79 -1.92	38.29 -1.97 -1.24	32.75 -1.57 -0.56	31.87 -0.98 -0.16	31.19 -0.98 0.00	27.75 -0.94 0.00	23.42 -0.87 0.00
NGRID_A1_DSASP 323792	30.43 -2.75 0.00	27.11 -2.48 0.00	15.83 -1.62 0.00	24.15 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.31 -2.75 0.00	29.77 -3.15 0.00	25.99 -3.40 0.00	25.98 -3.19 0.00	24.34 -2.68 0.00	24.71 -2.84 0.00	25.08 -2.82 0.01	29.71 -4.23 2.65	30.98 -3.81 0.15	30.41 -3.28 0.01	43.52 -4.47 0.00	38.20 -5.42 6.57	34.80 -4.20 0.03	30.48 -3.27 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.23 -2.46 0.00	22.18 -2.11 0.00
NGRID_A2_DSASP 323793	30.43 -2.75 0.00	27.11 -2.48 0.00	15.83 -1.62 0.00	24.15 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.31 -2.75 0.00	29.77 -3.15 0.00	25.99 -3.40 0.00	25.98 -3.19 0.00	24.34 -2.68 0.00	24.71 -2.84 0.00	25.08 -2.82 0.01	29.71 -4.23 2.65	30.98 -3.81 0.15	30.41 -3.28 0.01	43.52 -4.47 0.00	38.20 -5.42 6.57	34.80 -4.20 0.03	30.48 -3.27 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.23 -2.46 0.00	22.18 -2.11 0.00
NGRID_A4_DSASP 323807	30.43 -2.75 0.00	27.11 -2.48 0.00	15.83 -1.62 0.00	24.15 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.31 -2.75 0.00	29.77 -3.15 0.00	25.99 -3.40 0.00	25.98 -3.19 0.00	24.34 -2.68 0.00	24.71 -2.84 0.00	25.08 -2.82 0.01	29.71 -4.23 2.65	30.98 -3.81 0.15	30.41 -3.28 0.01	43.52 -4.47 0.00	38.20 -5.42 6.57	34.80 -4.20 0.03	30.48 -3.27 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.23 -2.46 0.00	22.18 -2.11 0.00
NIAGARA_115E_LBMP 323715	30.74 -2.43 0.00	27.38 -2.20 0.00	15.98 -1.47 0.00	24.39 -2.34 0.00	22.58 -2.09 0.00	23.61 -2.03 0.00	28.60 -2.46 0.00	30.09 -2.83 0.00	26.28 -3.10 0.00	26.27 -2.90 0.00	24.60 -2.41 0.00	24.97 -2.59 0.00	25.35 -2.55 0.01	30.55 -3.91 2.13	31.35 -3.49 0.11	30.72 -2.97 0.00	43.98 -4.01 0.00	45.98 -4.99 -0.78	35.18 -3.84 0.00	30.83 -2.93 0.00	29.59 -3.11 0.00	29.22 -2.95 0.00	26.53 -2.17 0.00	22.42 -1.87 0.00
NIAGARA_115W_LBMP 323714	30.35 -2.82 0.00	27.03 -2.55 0.00	15.80 -1.66 0.00	24.10 -2.64 0.00	22.30 -2.37 0.00	23.31 -2.33 0.00	28.23 -2.83 0.00	29.69 -3.22 0.00	25.93 -3.46 0.00	25.93 -3.24 0.00	24.27 -2.75 0.00	24.65 -2.91 0.00	25.02 -2.88 0.01	29.62 -4.32 2.65	30.90 -3.89 0.15	30.33 -3.36 0.00	43.41 -4.58 0.00	38.70 -5.53 5.96	34.71 -4.29 0.02	30.39 -3.36 0.00	29.16 -3.53 0.00	28.81 -3.36 0.00	26.16 -2.53 0.00	22.12 -2.17 0.00
NIAGARA_230_LBMP 323716	30.82 -2.35 0.00	27.45 -2.13 0.00	16.03 -1.42 0.00	24.49 -2.24 0.00	22.66 -2.01 0.00	23.68 -1.96 0.00	28.68 -2.38 0.00	30.18 -2.74 0.00	26.40 -2.99 0.00	26.37 -2.80 0.00	24.67 -2.34 0.00	25.07 -2.49 0.00	25.44 -2.46 0.01	30.21 -3.73 2.65	31.45 -3.36 0.14	30.83 -2.86 0.00	44.16 -3.83 0.00	44.66 -4.73 0.80	35.34 -3.68 0.00	30.92 -2.83 0.00	29.67 -3.03 0.00	29.31 -2.86 0.00	26.57 -2.12 0.00	22.47 -1.82 0.00
NIAGARA___115KV_198_GIBSON 55903	30.35 -2.82 0.00	27.04 -2.55 0.00	15.80 -1.66 0.00	24.10 -2.63 0.00	22.30 -2.36 0.00	23.31 -2.33 0.00	28.24 -2.82 0.00	29.70 -3.22 0.00	25.89 -3.50 0.00	25.90 -3.27 0.00	24.26 -2.76 0.00	24.61 -2.94 0.00	25.00 -2.90 0.01	29.68 -4.26 2.65	30.87 -3.93 0.15	30.30 -3.38 0.00	43.38 -4.60 0.00	38.68 -5.56 5.96	34.70 -4.30 0.02	30.38 -3.38 0.00	29.16 -3.53 0.00	28.81 -3.36 0.00	26.16 -2.53 0.00	22.12 -2.17 0.00
NIAGARA___ 23760	30.82 -2.35 0.00	27.45 -2.13 0.00	16.03 -1.42 0.00	24.49 -2.24 0.00	22.66 -2.01 0.00	23.68 -1.96 0.00	28.68 -2.38 0.00	30.18 -2.74 0.00	26.40 -2.99 0.00	26.37 -2.80 0.00	24.67 -2.34 0.00	25.07 -2.49 0.00	25.44 -2.46 0.01	30.32 -3.73 2.54	31.45 -3.36 0.14	30.83 -2.86 0.00	44.16 -3.83 0.00	43.84 -4.73 1.62	35.34 -3.68 0.01	30.92 -2.83 0.00	29.67 -3.03 0.00	29.31 -2.86 0.00	26.57 -2.12 0.00	22.47 -1.82 0.00
NINE_MILE_1 23575	22.26 -1.08 9.83	27.17 -0.98 1.43	16.86 -0.60 0.00	25.80 -0.94 0.00	23.81 -0.86 0.00	22.36 -0.89 2.38	23.04 -1.03 6.99	31.29 -1.06 0.57	23.81 -1.01 4.57	27.79 -0.98 0.41	20.46 -0.87 5.69	20.22 -0.89 6.45	20.32 -0.90 6.68	18.46 -1.22 16.91	18.17 -1.13 15.65	15.81 -1.07 16.81	14.08 -1.49 32.42	15.57 -1.61 33.02	16.44 -1.24 21.34	23.05 -1.09 9.61	28.87 -1.12 2.71	31.07 -1.09 0.01	27.75 -0.94 0.00	23.46 -0.82 0.00
NINE_MILE_2 23744	22.11 -1.08 9.98	27.15 -0.98 1.46	16.86 -0.60 0.00	25.80 -0.94 0.00	23.81 -0.86 0.00	22.33 -0.89 2.42	22.93 -1.03 7.10	31.29 -1.06 0.58	23.75 -1.01 4.63	27.78 -0.98 0.41	20.38 -0.87 5.77	20.13 -0.89 6.54	20.23 -0.90 6.78	18.21 -1.22 17.15	17.94 -1.13 15.88	15.57 -1.07 17.05	13.62 -1.48 32.89	15.09 -1.61 33.50	16.14 -1.23 21.64	22.92 -1.09 9.75	28.83 -1.12 2.75	31.07 -1.09 0.01	27.75 -0.94 0.00	23.46 -0.82 0.00
NM_CAPITAL___DRP 24208	34.43 1.14 -0.12	30.74 1.10 -0.05	22.99 0.67 -4.87	27.77 1.04 0.00	25.64 0.97 0.00	26.57 0.93 0.00	32.19 1.13 0.00	34.36 1.24 -0.20	35.01 1.16 -4.46	32.07 1.11 -1.79	28.00 0.98 0.00	28.55 0.99 0.00	28.92 1.01 0.00	37.80 1.21 0.00	36.07 1.13 0.00	34.68 0.99 0.00	49.47 1.49 0.00	51.85 1.66 0.00	40.34 1.32 0.00	34.91 1.15 0.00	33.88 1.18 0.00	33.22 1.06 0.00	29.58 0.89 0.00	25.16 0.87 0.00
NM_CENTRAL___DRP 24181	33.85 -0.32 -1.00	29.37 -0.35 -0.14	17.21 -0.25 0.00	26.32 -0.41 0.00	24.30 -0.37 0.00	25.51 -0.36 -0.23	31.37 -0.37 -0.68	32.56 -0.39 -0.03	29.20 -0.44 -0.25	28.80 -0.39 -0.02	25.86 -0.29 0.86	27.59 -0.29 -0.33	25.04 -0.31 2.55	32.16 -0.49 3.93	30.10 -0.42 4.43	34.22 -0.38 -0.91	49.27 -0.48 -1.76	51.41 -0.57 -1.79	39.74 -0.43 -1.16	33.89 -0.39 -0.52	32.37 -0.48 -0.15	31.77 -0.39 0.00	28.38 -0.31 0.00	23.97 -0.32 0.00

NM_FRONTIER___DRP 24179	30.35 -2.82 0.00	27.04 -2.55 0.00	15.80 -1.66 0.00	24.10 -2.63 0.00	22.30 -2.36 0.00	23.31 -2.33 0.00	28.24 -2.82 0.00	29.70 -3.22 0.00	25.89 -3.50 0.00	25.90 -3.27 0.00	24.26 -2.76 0.00	24.61 -2.94 0.00	25.00 -2.90 0.01	29.68 -4.26 2.65	30.87 -3.93 0.15	30.30 -3.38 0.00	43.38 -4.60 0.00	38.68 -5.56 5.96	34.70 -4.30 0.02	30.38 -3.38 0.00	29.16 -3.53 0.00	28.81 -3.36 0.00	26.16 -2.53 0.00	22.12 -2.17 0.00
NM_ST_REGIS___HYD 24053	32.09 -1.44 -0.35	28.27 -1.36 -0.04	16.65 -0.80 0.00	25.54 -1.19 0.00	23.55 -1.12 0.00	24.60 -1.10 -0.07	29.91 -1.34 -0.19	31.48 -1.45 -0.02	28.22 -1.29 -0.12	27.73 -1.45 -0.01	-9.80 -1.54 35.27	25.58 -1.49 0.49	-61.68 -1.61 87.98	-136.54 -1.96 171.17	-134.39 -2.12 167.22	32.14 -1.99 -0.44	45.98 -2.93 -0.92	48.23 -2.90 -0.94	37.58 -2.05 -0.61	32.35 -1.68 -0.27	31.46 -1.31 -0.08	30.87 -1.30 0.00	27.54 -1.16 0.00	23.28 -1.01 0.00
NORTHPORT___1 23551	38.33 3.00 -2.15	38.59 2.72 -6.29	83.12 1.64 -64.03	35.55 2.41 -6.41	83.73 2.16 -56.90	49.21 2.17 -21.41	33.78 2.73 0.00	37.09 2.95 -1.22	59.96 2.70 -27.87	54.51 2.91 -22.44	64.60 2.86 -34.72	59.76 2.97 -29.23	62.62 2.99 -31.71	67.04 3.76 -26.69	69.86 3.70 -31.20	64.24 3.51 -27.05	57.78 4.74 -5.05	67.69 5.05 -12.45	50.28 3.67 -7.60	38.50 2.82 -1.92	39.00 2.86 -3.44	41.53 2.88 -6.50	31.23 2.54 0.00	43.47 2.20 -16.99
NORTHPORT___2 23552	38.33 3.00 -2.15	38.59 2.72 -6.29	83.12 1.64 -64.03	35.55 2.41 -6.41	83.73 2.16 -56.90	49.21 2.17 -21.41	33.78 2.73 0.00	37.09 2.95 -1.22	59.96 2.70 -27.87	54.51 2.91 -22.44	64.60 2.86 -34.72	59.76 2.97 -29.23	62.62 2.99 -31.71	67.04 3.76 -26.69	69.86 3.70 -31.20	64.24 3.51 -27.05	57.78 4.74 -5.05	67.69 5.05 -12.45	50.28 3.67 -7.60	38.50 2.82 -1.92	39.00 2.86 -3.44	41.53 2.88 -6.50	31.23 2.54 0.00	43.47 2.20 -16.99
NORTHPORT___3 23553	38.31 2.99 -2.15	38.61 2.73 -6.29	83.15 1.67 -64.03	35.54 2.40 -6.41	83.74 2.17 -56.90	49.21 2.17 -21.41	33.75 2.69 0.00	37.03 2.90 -1.22	59.90 2.63 -27.87	54.22 2.83 -22.23	62.29 2.99 -32.29	59.80 3.03 -29.22	61.59 3.17 -30.51	61.97 4.00 -21.39	63.11 3.86 -24.30	48.78 3.56 -11.53	43.39 4.87 9.46	31.45 4.98 23.72	20.53 3.58 22.06	30.44 2.77 6.09	23.94 2.88 11.63	34.23 2.87 0.81	31.16 2.47 0.00	43.46 2.18 -16.99
NORTHPORT___4 23650	38.31 2.99 -2.15	38.61 2.73 -6.29	83.15 1.67 -64.03	35.54 2.40 -6.41	83.74 2.17 -56.90	49.21 2.17 -21.41	33.75 2.69 0.00	37.03 2.90 -1.22	59.90 2.63 -27.87	54.22 2.83 -22.23	62.29 2.99 -32.29	59.80 3.03 -29.22	61.59 3.17 -30.51	61.97 4.00 -21.39	63.11 3.86 -24.30	48.78 3.56 -11.53	43.39 4.87 9.46	31.45 4.98 23.72	20.53 3.58 22.06	30.44 2.77 6.09	23.94 2.88 11.63	34.23 2.87 0.81	31.16 2.47 0.00	43.46 2.18 -16.99
NORTHPORT___IC 23718	38.33 3.00 -2.15	38.59 2.72 -6.29	83.11 1.64 -64.02	35.55 2.41 -6.41	83.73 2.16 -56.90	49.21 2.16 -21.40	33.78 2.73 0.00	37.09 2.95 -1.22	59.96 2.70 -27.87	54.51 2.90 -22.43	64.60 2.86 -34.72	59.77 2.97 -29.23	62.62 3.00 -31.71	67.03 3.75 -26.69	69.86 3.70 -31.20	64.24 3.50 -27.05	57.77 4.73 -5.05	67.70 5.05 -12.45	50.28 3.67 -7.60	38.50 2.82 -1.92	39.00 2.86 -3.44	41.53 2.88 -6.49	31.23 2.54 0.00	43.47 2.20 -16.98
NORTH___COUNTRY_ESR 323785	32.43 -0.74 0.00	28.73 -0.86 0.00	17.02 -0.44 0.00	26.14 -0.59 0.00	24.09 -0.58 0.00	25.08 -0.56 0.00	30.43 -0.64 0.00	32.38 -0.54 0.00	28.82 -0.57 0.00	28.21 -0.96 0.00	19.56 -1.23 6.21	26.40 -1.04 0.11	11.16 -1.28 15.47	-18.18 -1.45 53.32	-4.20 -1.83 37.32	31.87 -1.82 0.00	45.50 -2.49 0.00	48.01 -2.18 0.00	37.81 -1.21 0.00	32.93 -0.83 0.00	32.15 -0.55 0.00	31.61 -0.56 0.00	28.26 -0.43 0.00	23.92 -0.37 0.00
NPX_GEN_1385_PROXY 323591	37.48 2.16 -2.15	38.06 2.19 -6.29	82.84 1.36 -64.03	35.25 2.11 -6.41	83.34 1.77 -56.90	48.52 1.47 -21.41	33.20 2.14 0.00	36.45 2.31 -1.22	59.48 2.21 -27.87	54.20 2.59 -22.44	63.91 2.17 -34.72	58.98 2.19 -29.23	55.17 2.20 -25.06	66.06 2.79 -26.69	52.95 2.72 -15.27	45.58 2.54 -9.35	39.97 3.37 11.39	66.71 4.07 -12.45	49.96 3.34 -7.60	38.08 2.40 -1.92	38.49 2.35 -3.44	40.89 2.24 -6.50	30.56 1.87 0.00	42.86 1.58 -16.99
NPX_GEN_CSC 323557	38.73 3.41 -2.15	38.80 2.93 -6.29	83.24 1.75 -64.03	35.77 2.63 -6.41	83.98 2.41 -56.90	49.50 2.45 -21.41	34.09 3.03 0.00	37.54 3.40 -1.22	60.35 3.08 -27.87	56.76 3.38 -24.21	85.64 3.42 -55.20	60.46 3.50 -29.40	73.40 3.66 -41.83	112.68 4.80 -71.29	145.91 4.66 -106.29	195.64 4.37 -157.58	180.92 5.92 -127.01	286.66 6.38 -230.09	141.43 4.63 -97.78	72.24 3.63 -34.86	156.31 3.76 -119.86	101.56 3.76 -65.64	31.75 3.06 0.00	43.84 2.57 -16.99
NSINS_S_GLNS_FALLS 23858	35.52 2.24 -0.11	31.48 1.85 -0.04	22.90 0.97 -4.47	28.30 1.57 0.00	26.18 1.52 0.00	27.21 1.57 0.00	33.17 2.11 0.00	35.38 2.28 -0.18	35.46 1.98 -4.09	32.65 1.84 -1.64	28.41 1.39 0.00	29.01 1.45 0.00	29.34 1.43 0.00	38.39 1.80 0.00	36.61 1.67 0.00	35.28 1.59 0.00	50.37 2.38 0.00	53.04 2.85 0.00	41.69 2.67 0.00	36.02 2.26 0.00	35.11 2.41 0.00	34.32 2.15 0.00	30.31 1.62 0.00	25.86 1.57 0.00
NUCOR_STEEL___DRP 24197	34.79 0.02 -1.59	29.86 0.05 -0.23	17.45 0.00 0.00	26.67 -0.06 0.00	24.61 -0.06 0.00	25.91 -0.11 -0.38	32.08 -0.09 -1.11	33.05 0.01 -0.12	30.30 -0.08 -1.00	29.19 -0.07 -0.09	27.41 -0.02 -0.42	28.89 -0.06 -1.39	27.32 -0.01 0.58	36.75 -0.11 -0.27	34.61 -0.07 0.27	37.34 -0.01 -3.66	55.11 0.05 -7.07	57.45 0.06 -7.20	43.76 0.09 -4.65	36.02 0.16 -2.10	33.33 0.04 -0.59	32.12 -0.04 0.00	28.76 0.06 0.00	24.26 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	33.30 -0.93 -1.05	29.16 -0.55 -0.12	17.12 -0.33 0.00	26.22 -0.51 0.00	24.14 -0.53 0.00	25.53 -0.28 -0.17	31.36 -0.19 -0.49	32.73 -0.23 -0.04	29.40 -0.29 -0.30	28.67 -0.53 -0.03	14.65 -0.69 11.67	27.03 -0.73 -0.20	-2.50 -0.87 29.53	-19.51 -1.01 55.10	-21.44 -1.15 55.24	33.46 -1.35 -1.11	48.48 -1.68 -2.17	50.92 -1.49 -2.21	39.59 -0.86 -1.43	33.84 -0.56 -0.64	33.02 0.14 -0.18	32.33 0.17 0.00	28.76 0.07 0.00	24.23 -0.06 0.00
NYISO_LBMP_REFERENCE 24008	33.17 0.00 0.00	29.59 0.00 0.00	17.46 0.00 0.00	26.73 0.00 0.00	24.67 0.00 0.00	25.64 0.00 0.00	31.06 0.00 0.00	32.92 0.00 0.00	29.39 0.00 0.00	29.17 0.00 0.00	27.01 0.00 0.00	27.56 0.00 0.00	27.90 0.00 0.00	36.59 0.00 0.00	34.95 0.00 0.00	33.69 0.00 0.00	47.99 0.00 0.00	50.19 0.00 0.00	39.02 0.00 0.00	33.76 0.00 0.00	32.70 0.00 0.00	32.16 0.00 0.00	28.69 0.00 0.00	24.29 0.00 0.00
NYPA_BRENTWD____GT 24164	38.96 3.64 -2.15	39.09 3.21 -6.29	83.40 1.92 -64.03	35.97 2.83 -6.41	84.14 2.56 -56.90	49.66 2.62 -21.41	34.33 3.27 0.00	37.73 3.59 -1.22	60.55 3.28 -27.87	55.44 3.50 -22.77	68.82 3.24 -38.56	60.09 3.27 -29.27	64.81 3.29 -33.61	75.87 4.23 -35.05	85.37 4.21 -46.21	89.35 4.14 -51.51	81.41 5.52 -27.90	106.05 5.83 -50.03	60.96 4.23 -17.72	43.80 3.31 -6.73	61.30 3.34 -25.26	53.21 3.47 -17.58	31.84 3.15 0.00	43.96 2.68 -16.99

NYPA_GOWANUS____GT5 24156	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.92 -10.74	3200.96 2.91 -3171.03	83.71 2.98 -53.18	523.88 3.02 -492.94	256.60 3.80 -216.20	114.95 3.89 -76.11	65.78 3.69 -28.40	55.28 4.94 -2.35	57.30 5.24 -1.87	42.72 3.62 -0.08	38.45 3.00 -1.70	37.76 3.12 -1.95	38.19 3.14 -2.89	38.02 2.73 -6.60	41.21 2.31 -14.61
NYPA_GOWANUS____GT6 24157	38.50 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.82 2.18 0.00	33.79 2.72 -0.01	37.18 3.04 -1.22	59.02 2.85 -26.78	42.84 2.92 -10.74	3200.96 2.91 -3171.03	83.71 2.98 -53.18	523.88 3.02 -492.94	256.60 3.80 -216.20	114.95 3.89 -76.11	65.78 3.69 -28.40	55.28 4.94 -2.35	57.30 5.24 -1.87	42.72 3.62 -0.08	38.45 3.00 -1.70	37.76 3.12 -1.95	38.19 3.14 -2.89	38.02 2.73 -6.60	41.21 2.31 -14.61
NYPA_HARLEM__RVR__GT1 24160	36.53 2.64 -0.72	32.25 2.38 -0.29	47.95 1.43 -29.07	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.58 2.52 0.00	36.97 2.84 -1.21	58.85 2.68 -26.78	42.68 2.77 -10.74	29.68 2.67 0.00	30.30 2.75 0.00	30.71 2.80 0.00	40.05 3.53 0.06	38.59 3.64 0.00	37.15 3.47 0.00	52.61 4.62 0.00	55.16 4.97 0.00	42.48 3.47 0.00	36.58 2.83 0.00	35.67 2.98 0.00	35.20 3.04 0.00	31.32 2.63 0.00	26.48 2.19 0.00
NYPA_HARLEM__RVR__GT2 24161	36.53 2.64 -0.72	32.25 2.38 -0.29	47.95 1.43 -29.07	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.58 2.52 0.00	36.97 2.84 -1.21	58.85 2.68 -26.78	42.68 2.77 -10.74	29.68 2.67 0.00	30.30 2.75 0.00	30.71 2.80 0.00	40.05 3.53 0.06	38.59 3.64 0.00	37.15 3.47 0.00	52.61 4.62 0.00	55.16 4.97 0.00	42.48 3.47 0.00	36.58 2.83 0.00	35.67 2.98 0.00	35.20 3.04 0.00	31.32 2.63 0.00	26.48 2.19 0.00
NYPA_KENT____GT 24152	37.70 2.74 -1.79	34.04 2.50 -1.95	49.01 1.50 -30.05	28.93 2.19 0.00	26.74 2.07 0.00	27.77 2.14 0.00	33.75 2.68 0.00	37.13 3.00 -1.21	58.99 2.82 -26.78	42.81 2.90 -10.74	883.34 2.87 -853.45	50.53 2.95 -20.02	65.79 2.97 -34.91	55.91 3.73 -15.59	62.65 3.81 -23.89	53.98 3.62 -16.67	54.21 4.84 -1.38	56.44 5.15 -1.10	42.63 3.57 -0.04	37.68 2.92 -1.00	36.90 3.06 -1.14	36.97 3.11 -1.70	35.28 2.71 -3.88	35.15 2.28 -8.58
NYPA_POUCH1____GT 24155	38.41 2.70 -2.54	35.16 2.46 -3.12	49.67 1.47 -30.75	28.90 2.17 0.00	26.72 2.05 0.00	27.75 2.11 0.00	33.70 2.63 -0.01	37.07 2.94 -1.22	58.93 2.76 -26.78	42.73 2.82 -10.74	806.94 2.80 -777.13	62.16 2.92 -31.69	35.45 2.94 -4.60	42.70 3.68 -2.43	74.96 3.80 -36.21	65.69 3.61 -28.40	55.22 4.89 -2.35	57.15 5.09 -1.87	42.60 3.50 -0.08	38.38 2.92 -1.70	37.69 3.04 -1.95	38.07 3.02 -2.89	37.93 2.64 -6.60	41.16 2.26 -14.61
NYPA_VERNON____GT2 24162	36.89 2.68 -1.04	32.82 2.45 -0.78	48.29 1.47 -29.36	28.88 2.15 0.00	26.69 2.03 0.00	27.73 2.09 0.00	33.69 2.63 0.00	37.11 2.98 -1.21	58.97 2.80 -26.78	42.78 2.87 -10.74	127.41 2.82 -97.58	36.53 2.90 -6.08	44.32 2.94 -13.47	46.20 3.67 -5.94	46.05 3.76 -7.34	42.20 3.56 -4.95	53.18 4.78 -0.41	55.61 5.09 -0.32	42.57 3.54 -0.01	36.93 2.88 -0.30	36.06 3.02 -0.34	35.75 3.08 -0.50	32.52 2.68 -1.15	29.07 2.24 -2.55
NYPA_VERNON____GT3 24163	36.89 2.68 -1.04	32.82 2.45 -0.78	48.29 1.47 -29.36	28.88 2.15 0.00	26.69 2.03 0.00	27.73 2.09 0.00	33.69 2.63 0.00	37.11 2.98 -1.21	58.97 2.80 -26.78	42.78 2.87 -10.74	127.41 2.82 -97.58	36.53 2.90 -6.08	44.32 2.94 -13.47	46.20 3.67 -5.94	46.05 3.76 -7.34	42.20 3.56 -4.95	53.18 4.78 -0.41	55.61 5.09 -0.32	42.57 3.54 -0.01	36.93 2.88 -0.30	36.06 3.02 -0.34	35.75 3.08 -0.50	32.52 2.68 -1.15	29.07 2.24 -2.55
NYPA__ASTORIA_CC1 323568	36.49 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.68 2.04 0.00	33.62 2.57 0.00	37.02 2.89 -1.21	58.91 2.73 -26.78	42.71 2.80 -10.74	30.61 2.76 -0.84	30.40 2.84 0.00	30.77 2.87 0.00	40.11 3.58 0.06	38.61 3.67 0.00	37.16 3.47 0.00	52.62 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.80 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.62 0.00	26.48 2.19 0.00
NYPA__ASTORIA_CC2 323569	36.49 2.60 -0.72	32.26 2.39 -0.29	47.96 1.44 -29.07	28.82 2.09 0.00	26.64 1.97 0.00	27.68 2.04 0.00	33.62 2.57 0.00	37.02 2.89 -1.21	58.91 2.73 -26.78	42.71 2.80 -10.74	30.61 2.76 -0.84	30.40 2.84 0.00	30.77 2.87 0.00	40.11 3.58 0.06	38.61 3.67 0.00	37.16 3.47 0.00	52.62 4.64 0.00	55.15 4.96 0.00	42.45 3.43 0.00	36.56 2.80 0.00	35.65 2.96 0.00	35.19 3.02 0.00	31.31 2.62 0.00	26.48 2.19 0.00
NYPA__HOLTSVILL 23794	38.74 3.42 -2.15	38.88 3.00 -6.29	83.27 1.79 -64.03	35.80 2.66 -6.41	83.99 2.41 -56.90	49.51 2.47 -21.41	34.13 3.07 0.00	37.54 3.40 -1.22	60.34 3.07 -27.87	56.67 3.33 -24.17	85.15 3.31 -54.82	60.35 3.39 -29.40	73.00 3.46 -41.64	111.46 4.41 -70.46	144.64 4.31 -105.39	192.95 4.09 -155.17	178.32 5.58 -124.75	280.43 5.83 -224.40	135.89 4.27 -92.60	70.66 3.35 -33.55	153.81 3.41 -117.70	100.15 3.44 -64.55	31.64 2.95 0.00	43.82 2.54 -16.99
NYPA____HELLGATE_GT1 24158	36.53 2.64 -0.72	32.25 2.38 -0.29	47.95 1.43 -29.07	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.58 2.52 0.00	36.97 2.84 -1.21	58.85 2.68 -26.78	42.68 2.77 -10.74	29.68 2.67 0.00	30.29 2.73 0.00	30.69 2.78 0.00	40.02 3.50 0.06	38.57 3.62 0.00	37.13 3.44 0.00	52.57 4.58 0.00	55.16 4.97 0.00	42.48 3.47 0.00	36.58 2.82 0.00	35.65 2.96 0.00	35.18 3.02 0.00	31.32 2.63 0.00	26.48 2.19 0.00
NYPA____HELLGATE_GT2 24159	36.53 2.64 -0.72	32.25 2.38 -0.29	47.95 1.43 -29.07	28.78 2.05 0.00	26.62 1.95 0.00	27.64 2.01 0.00	33.58 2.52 0.00	36.97 2.84 -1.21	58.85 2.68 -26.78	42.68 2.77 -10.74	29.68 2.67 0.00	30.29 2.73 0.00	30.69 2.78 0.00	40.02 3.50 0.06	38.57 3.62 0.00	37.13 3.44 0.00	52.57 4.58 0.00	55.16 4.97 0.00	42.48 3.47 0.00	36.58 2.82 0.00	35.65 2.96 0.00	35.18 3.02 0.00	31.32 2.63 0.00	26.48 2.19 0.00
NYS_BARGE__HYD 23848	31.27 -1.91 0.00	27.86 -1.72 0.00	16.26 -1.20 0.00	24.82 -1.91 0.00	22.96 -1.71 0.00	24.01 -1.62 0.00	29.10 -1.96 0.00	30.65 -2.27 0.00	26.79 -2.60 0.00	26.78 -2.39 0.00	25.07 -1.94 0.00	25.46 -2.10 0.00	25.84 -2.06 0.00	31.68 -3.21 1.70	32.02 -2.84 0.09	31.34 -2.35 0.00	44.83 -3.16 0.00	48.07 -4.04 -1.91	35.92 -3.10 -0.01	31.48 -2.28 0.00	30.21 -2.49 0.00	29.83 -2.33 0.00	27.03 -1.66 0.00	22.82 -1.47 0.00
OAK ORCHARD__HYD 24046	32.30 -0.87 0.00	28.74 -0.85 0.00	16.83 -0.63 0.00	25.72 -1.01 0.00	23.77 -0.90 0.00	24.79 -0.85 0.00	30.07 -0.99 0.00	31.79 -1.13 0.00	28.06 -1.33 0.00	27.99 -1.18 0.00	26.13 -0.89 0.00	26.60 -0.95 0.00	26.98 -0.93 0.00	35.27 -1.54 -0.22	33.63 -1.33 -0.01	32.65 -1.04 0.00	46.67 -1.31 0.00	48.42 -1.78 0.00	37.68 -1.34 0.00	32.79 -0.97 0.00	31.53 -1.17 0.00	31.09 -1.08 0.00	27.91 -0.78 0.00	23.55 -0.74 0.00

OAKDALE___35_KV_LOAD 356122	33.99 0.17 -0.65	29.75 0.07 -0.09	17.45 -0.01 0.00	26.68 -0.05 0.00	24.60 -0.07 0.00	25.79 0.00 -0.15	31.56 0.05 -0.45	33.16 0.14 -0.10	30.25 0.06 -0.80	29.33 0.09 -0.07	28.17 0.17 -0.99	28.87 0.19 -1.12	29.24 0.16 -1.16	39.11 0.12 -2.41	37.89 0.24 -2.70	36.88 0.26 -2.93	54.03 0.40 -5.65	56.39 0.44 -5.75	42.98 0.25 -3.72	35.71 0.28 -1.68	33.22 0.06 -0.47	32.22 0.06 0.00	28.77 0.08 0.00	24.26 -0.03 0.00
OCC_CHEM___DRP 24175	30.43 -2.75 0.00	27.10 -2.48 0.00	15.83 -1.62 0.00	24.16 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.30 -2.76 0.00	29.78 -3.14 0.00	25.95 -3.44 0.00	25.96 -3.20 0.00	24.32 -2.69 0.00	24.67 -2.89 0.00	25.06 -2.84 0.01	29.76 -4.18 2.65	30.95 -3.84 0.15	30.39 -3.30 0.01	43.50 -4.48 0.00	38.18 -5.45 6.57	34.79 -4.21 0.03	30.45 -3.30 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.22 -2.47 0.00	22.18 -2.11 0.00
OH_GEN_PROXY 24063	30.89 -2.29 0.00	27.51 -2.08 0.00	16.07 -1.39 0.00	24.54 -2.19 0.00	22.70 -1.97 0.00	23.72 -1.91 0.00	28.74 -2.32 0.00	30.26 -2.66 0.00	26.49 -2.90 0.00	26.46 -2.71 0.00	24.75 -2.26 0.00	25.15 -2.41 0.00	25.51 -2.39 0.01	30.27 -3.62 2.70	31.56 -3.24 0.14	30.93 -2.76 0.00	44.31 -3.68 0.00	44.97 -4.54 0.68	35.47 -3.55 0.00	31.02 -2.74 0.00	29.75 -2.94 0.00	29.40 -2.77 0.00	26.62 -2.07 0.00	22.51 -1.78 0.00
OLIN_CORP_DRP 24177	30.77 -2.40 0.00	27.42 -2.17 0.00	16.01 -1.45 0.00	24.43 -2.31 0.00	22.61 -2.06 0.00	23.64 -2.00 0.00	28.64 -2.43 0.00	30.14 -2.78 0.00	26.29 -3.10 0.00	26.29 -2.89 0.00	24.62 -2.40 0.00	24.97 -2.59 0.00	25.37 -2.53 0.01	30.62 -3.80 2.17	31.36 -3.47 0.11	30.76 -2.93 0.00	44.04 -3.95 0.00	45.94 -4.94 -0.68	35.23 -3.79 0.00	30.85 -2.91 0.00	29.63 -3.07 0.00	29.26 -2.90 0.00	26.55 -2.14 0.00	22.45 -1.85 0.00
OLIN_CORP_DSASP 323712	30.43 -2.75 0.00	27.11 -2.48 0.00	15.83 -1.62 0.00	24.15 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.31 -2.75 0.00	29.77 -3.15 0.00	25.99 -3.40 0.00	25.98 -3.19 0.00	24.34 -2.68 0.00	24.71 -2.84 0.00	25.08 -2.82 0.01	29.71 -4.23 2.65	30.98 -3.81 0.15	30.41 -3.28 0.01	43.52 -4.47 0.00	38.20 -5.42 6.57	34.80 -4.20 0.03	30.48 -3.27 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.23 -2.46 0.00	22.18 -2.11 0.00
ONEIDA_HERK_LFGE 323681	34.21 0.13 -0.90	29.89 0.22 -0.08	17.56 0.10 0.00	26.89 0.16 0.00	24.79 0.12 0.00	25.99 0.26 -0.09	31.76 0.43 -0.27	33.37 0.44 -0.02	29.88 0.33 -0.16	29.44 0.25 -0.01	21.83 0.16 5.34	27.84 0.16 -0.12	14.44 0.08 13.56	12.35 0.13 24.37	10.01 0.10 25.04	34.24 -0.03 -0.58	49.19 0.08 -1.12	51.57 0.23 -1.14	40.13 0.37 -0.74	34.52 0.43 -0.33	33.46 0.67 -0.09	32.83 0.67 0.00	29.22 0.53 0.00	24.66 0.37 0.00
ONEIDA___115KV_TB4 55905	34.68 0.85 -0.66	30.38 0.71 -0.08	17.83 0.37 0.00	27.29 0.56 0.00	25.17 0.50 0.00	26.36 0.60 -0.12	32.25 0.82 -0.37	33.80 0.85 -0.03	30.25 0.65 -0.21	29.86 0.67 -0.02	25.54 0.61 2.09	28.44 0.63 -0.25	22.97 0.59 5.53	28.22 0.69 9.06	25.84 0.75 9.86	35.11 0.66 -0.76	50.48 1.02 -1.47	52.87 1.19 -1.49	40.99 1.01 -0.97	35.18 0.99 -0.43	33.80 0.98 -0.12	33.15 0.99 0.00	29.52 0.83 0.00	24.91 0.62 0.00
ONONDAGA_REF_OCCRA 23987	34.21 -0.18 -1.21	29.53 -0.23 -0.17	17.29 -0.17 0.00	26.45 -0.28 0.00	24.40 -0.27 0.00	25.67 -0.25 -0.29	31.67 -0.23 -0.84	32.72 -0.24 -0.05	29.46 -0.31 -0.38	28.95 -0.25 -0.03	26.28 -0.16 0.57	27.92 -0.16 -0.52	25.70 -0.17 2.03	33.40 -0.30 2.90	31.32 -0.24 3.39	34.89 -0.20 -1.40	50.47 -0.23 -2.71	52.66 -0.29 -2.76	40.60 -0.20 -1.78	34.35 -0.21 -0.80	32.62 -0.30 -0.23	31.94 -0.23 0.00	28.52 -0.17 0.00	24.08 -0.21 0.00
ONONDAGA___COGEN 23986	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.24 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.11 -0.23 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.80 -0.21 0.58	33.65 -0.14 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.95 -0.21 0.00	28.53 -0.16 0.00	24.09 -0.20 0.00
ONTARIO___LFGE 23819	33.61 -0.16 -0.60	29.45 -0.23 -0.09	17.24 -0.21 0.00	26.32 -0.41 0.00	24.30 -0.37 0.00	25.50 -0.28 -0.14	31.20 -0.28 -0.41	32.73 -0.24 -0.05	29.42 -0.40 -0.42	28.80 -0.41 -0.04	27.25 -0.29 -0.53	27.74 -0.42 -0.60	28.21 -0.32 -0.62	37.54 -0.63 -1.58	35.88 -0.52 -1.46	34.94 -0.32 -1.57	50.65 -0.37 -3.03	52.82 -0.46 -3.08	40.73 -0.28 -1.99	34.64 -0.01 -0.90	32.73 -0.22 -0.25	31.98 -0.18 0.00	28.63 -0.06 0.00	24.09 -0.20 0.00
ORANGEVILLE_WT_PWR 323706	31.95 -1.22 0.00	28.38 -1.21 0.00	16.61 -0.85 0.00	25.37 -1.36 0.00	23.42 -1.25 0.00	24.49 -1.15 0.00	29.73 -1.33 0.00	31.44 -1.51 -0.04	27.94 -1.73 -0.27	27.61 -1.59 -0.02	26.06 -1.30 -0.34	26.53 -1.42 -0.39	26.86 -1.44 -0.40	33.59 -2.25 0.74	33.84 -1.95 -0.85	33.06 -1.64 -1.01	47.79 -2.15 -1.95	49.97 -2.69 -2.46	38.20 -2.11 -1.28	32.85 -1.48 -0.58	31.18 -1.68 -0.16	30.66 -1.50 0.00	27.65 -1.04 0.00	23.32 -0.97 0.00
ORANGEVILLE___ESR 323794	31.95 -1.22 0.00	28.38 -1.21 0.00	16.61 -0.85 0.00	25.37 -1.36 0.00	23.42 -1.25 0.00	24.49 -1.15 0.00	29.73 -1.33 0.00	31.44 -1.51 -0.04	27.94 -1.73 -0.27	27.61 -1.59 -0.02	26.06 -1.30 -0.34	26.53 -1.42 -0.39	26.86 -1.44 -0.40	33.59 -2.25 0.74	33.84 -1.95 -0.85	33.06 -1.64 -1.01	47.79 -2.15 -1.95	49.97 -2.69 -2.46	38.20 -2.11 -1.28	32.85 -1.48 -0.58	31.18 -1.68 -0.16	30.66 -1.50 0.00	27.65 -1.04 0.00	23.32 -0.97 0.00
OSWEGATCHIE___HYD 24044	32.32 -1.63 -0.78	28.30 -1.38 -0.09	16.63 -0.82 0.00	25.47 -1.27 0.00	23.46 -1.21 0.00	24.69 -1.09 -0.14	30.27 -1.20 -0.41	31.63 -1.32 -0.03	28.45 -1.19 -0.26	27.80 -1.39 -0.02	-1.76 -1.44 27.33	25.95 -1.46 0.15	-42.13 -1.58 68.45	-95.12 -1.89 129.82	-96.02 -2.06 128.91	32.56 -2.08 -0.95	46.96 -2.91 -1.88	49.32 -2.79 -1.92	38.29 -1.97 -1.24	32.75 -1.57 -0.56	31.87 -0.98 -0.16	31.19 -0.98 0.00	27.75 -0.94 0.00	23.42 -0.87 0.00
OSWEGO___5 23606	39.70 -0.82 -7.35	29.89 -0.76 -1.07	16.99 -0.47 0.00	25.99 -0.74 0.00	23.99 -0.68 0.00	26.72 -0.70 -1.78	35.46 -0.81 -5.21	32.57 -0.79 -0.44	32.17 -0.77 -3.55	28.75 -0.74 -0.32	30.79 -0.64 -4.42	31.91 -0.66 -5.01	32.43 -0.67 -5.20	48.85 -0.93 -13.19	46.27 -0.84 -12.17	45.97 -0.78 -13.06	72.10 -1.08 -25.20	74.68 -1.18 -25.67	54.70 -0.91 -16.59	40.45 -0.79 -7.47	33.97 -0.83 -2.10	31.35 -0.83 -0.01	27.98 -0.71 0.00	23.65 -0.64 0.00
OSWEGO___6 23613	39.70 -0.82 -7.35	29.89 -0.76 -1.07	16.99 -0.47 0.00	25.99 -0.74 0.00	23.99 -0.68 0.00	26.72 -0.70 -1.78	35.46 -0.81 -5.21	32.57 -0.79 -0.44	32.17 -0.77 -3.55	28.75 -0.74 -0.32	30.79 -0.64 -4.42	31.91 -0.66 -5.01	32.43 -0.67 -5.20	48.85 -0.93 -13.19	46.27 -0.84 -12.17	45.97 -0.78 -13.06	72.10 -1.08 -25.20	74.68 -1.18 -25.67	54.70 -0.91 -16.59	40.45 -0.79 -7.47	33.97 -0.83 -2.10	31.35 -0.83 -0.01	27.98 -0.71 0.00	23.65 -0.64 0.00

OUTOKUMPU-AB___DRP 24206	31.43 -1.74 0.00	27.97 -1.62 0.00	16.33 -1.13 0.00	24.89 -1.84 0.00	23.02 -1.65 0.00	24.07 -1.56 0.00	29.19 -1.87 0.00	30.76 -2.17 -0.02	27.02 -2.49 -0.12	26.93 -2.25 -0.01	25.35 -1.82 -0.15	25.75 -1.98 -0.17	26.14 -1.94 -0.17	32.21 -2.94 1.44	32.63 -2.65 -0.33	31.99 -2.15 -0.45	45.95 -2.90 -0.86	54.68 -3.75 -8.23	36.75 -2.86 -0.59	31.88 -2.13 -0.26	30.41 -2.36 -0.07	29.96 -2.20 0.00	27.14 -1.55 0.00	22.89 -1.39 0.00
OXBOW___BTM 323836	30.90 -2.27 0.00	27.51 -2.08 0.00	16.06 -1.40 0.00	24.49 -2.24 0.00	22.66 -2.01 0.00	23.69 -1.95 0.00	28.71 -2.35 0.00	30.22 -2.70 0.00	26.43 -2.96 0.00	26.44 -2.73 0.00	24.75 -2.26 0.00	25.15 -2.40 0.00	25.52 -2.38 0.01	30.93 -3.63 2.03	31.63 -3.22 0.09	30.98 -2.72 -0.01	44.30 -3.69 0.00	52.93 -4.59 -7.32	35.50 -3.54 -0.03	31.05 -2.71 -0.01	29.79 -2.91 0.00	29.41 -2.75 0.00	26.67 -2.02 0.00	22.51 -1.77 0.00
OXBOW___ 24026	30.90 -2.27 0.00	27.51 -2.08 0.00	16.06 -1.40 0.00	24.49 -2.24 0.00	22.67 -2.00 0.00	23.69 -1.95 0.00	28.71 -2.35 0.00	30.22 -2.70 0.00	26.40 -2.99 0.00	26.42 -2.75 0.00	24.74 -2.27 0.00	25.11 -2.44 0.00	25.50 -2.40 0.01	30.99 -3.56 2.03	31.60 -3.26 0.09	30.96 -2.74 -0.01	44.28 -3.70 0.00	52.91 -4.61 -7.32	35.50 -3.54 -0.03	31.04 -2.73 -0.01	29.79 -2.91 0.00	29.41 -2.75 0.00	26.66 -2.03 0.00	22.51 -1.77 0.00
OXY_CHEM_DSASP 323612	30.43 -2.75 0.00	27.10 -2.48 0.00	15.83 -1.62 0.00	24.16 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.30 -2.76 0.00	29.78 -3.14 0.00	25.95 -3.44 0.00	25.96 -3.20 0.00	24.32 -2.69 0.00	24.67 -2.89 0.00	25.06 -2.84 0.01	29.76 -4.18 2.65	30.95 -3.84 0.15	30.39 -3.30 0.01	43.50 -4.48 0.00	38.18 -5.45 6.57	34.79 -4.21 0.03	30.45 -3.30 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.22 -2.47 0.00	22.18 -2.11 0.00
OZONE_PARK_ESR 323760	37.04 3.14 -0.72	32.69 2.81 -0.29	48.21 1.67 -29.08	29.17 2.44 0.00	26.96 2.29 0.00	28.00 2.36 0.00	34.01 2.95 0.00	37.43 3.31 -1.21	59.27 3.09 -26.79	43.10 3.19 -10.74	30.11 3.09 0.00	30.75 3.19 0.00	31.17 3.26 0.00	40.66 4.14 0.06	39.17 4.23 0.00	37.73 4.04 0.00	53.49 5.50 0.00	56.06 5.86 0.00	43.16 4.15 0.00	37.12 3.36 0.00	36.14 3.44 0.00	35.63 3.46 0.00	31.73 3.04 0.00	26.81 2.52 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.43 -2.75 0.00	27.10 -2.48 0.00	15.83 -1.62 0.00	24.16 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.30 -2.76 0.00	29.78 -3.14 0.00	25.95 -3.44 0.00	25.96 -3.20 0.00	24.32 -2.69 0.00	24.67 -2.89 0.00	25.06 -2.84 0.01	29.76 -4.18 2.65	30.95 -3.84 0.15	30.39 -3.30 0.01	43.50 -4.48 0.00	38.18 -5.45 6.57	34.79 -4.21 0.03	30.45 -3.30 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.22 -2.47 0.00	22.18 -2.11 0.00
PACKARD___115KV_DUPONT_184 80571	30.43 -2.75 0.00	27.10 -2.48 0.00	15.83 -1.62 0.00	24.16 -2.58 0.00	22.36 -2.31 0.00	23.37 -2.27 0.00	28.30 -2.76 0.00	29.78 -3.14 0.00	25.95 -3.44 0.00	25.96 -3.20 0.00	24.32 -2.69 0.00	24.67 -2.89 0.00	25.06 -2.84 0.01	29.76 -4.18 2.65	30.95 -3.84 0.15	30.39 -3.30 0.01	43.50 -4.48 0.00	38.18 -5.45 6.57	34.79 -4.21 0.03	30.45 -3.30 0.01	29.24 -3.45 0.00	28.89 -3.28 0.00	26.22 -2.47 0.00	22.18 -2.11 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.49 2.60 -0.72	32.21 2.34 -0.29	47.93 1.40 -29.07	28.76 2.02 0.00	26.59 1.92 0.00	27.62 1.98 0.00	33.55 2.49 0.00	36.93 2.80 -1.21	58.81 2.64 -26.78	42.62 2.71 -10.74	29.65 2.64 0.00	30.27 2.72 0.00	30.66 2.76 0.00	39.96 3.44 0.06	38.52 3.58 0.00	37.09 3.39 0.00	52.53 4.54 0.00	55.10 4.91 0.00	42.47 3.44 0.00	36.57 2.82 0.00	35.64 2.95 0.00	35.12 2.96 0.00	31.25 2.56 0.00	26.43 2.14 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.93 3.03 -0.72	32.60 2.73 -0.29	48.16 1.63 -29.07	29.11 2.38 0.00	26.92 2.25 0.00	27.97 2.33 0.00	33.96 2.90 0.00	37.36 3.23 -1.21	59.14 2.97 -26.78	42.94 3.03 -10.74	29.93 2.91 0.00	30.50 2.94 0.00	30.90 2.99 0.00	40.29 3.76 0.06	38.88 3.93 0.00	37.39 3.70 0.00	53.01 5.02 0.00	55.58 5.38 0.00	42.90 3.88 0.00	36.94 3.18 0.00	35.99 3.30 0.00	35.42 3.26 0.00	31.52 2.83 0.00	26.62 2.33 0.00
PATROON___115KV_TB1 80586	34.48 1.19 -0.12	30.78 1.14 -0.05	22.89 0.69 -4.74	27.80 1.06 0.00	25.68 1.01 0.00	26.61 0.97 0.00	32.21 1.16 0.00	34.40 1.29 -0.20	34.93 1.20 -4.35	32.07 1.15 -1.74	28.04 1.03 0.00	28.60 1.05 0.00	28.97 1.06 0.00	37.88 1.29 0.00	36.16 1.21 0.00	34.77 1.08 0.00	49.60 1.61 0.00	52.00 1.80 0.00	40.44 1.42 0.00	34.97 1.22 0.00	33.94 1.24 0.00	33.28 1.12 0.00	29.62 0.93 0.00	25.18 0.89 0.00
PATTRSNVILLE___SOLAR 323815	34.76 1.59 0.00	30.98 1.39 0.00	18.26 0.80 0.00	27.95 1.22 0.00	25.80 1.14 0.00	26.82 1.18 0.00	32.52 1.46 0.00	34.49 1.40 -0.17	34.16 1.08 -3.69	31.60 0.95 -1.48	27.81 0.80 0.00	28.38 0.82 0.00	28.75 0.85 0.00	37.62 1.08 0.05	36.03 1.08 0.00	34.74 1.05 0.00	49.43 1.45 0.00	51.92 1.73 0.00	40.57 1.55 0.00	35.31 1.55 0.00	34.38 1.69 0.00	33.79 1.62 0.00	30.07 1.38 0.00	25.46 1.17 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.98 -1.19 0.00	28.41 -1.17 0.00	16.58 -0.87 0.00	25.33 -1.40 0.00	23.40 -1.27 0.00	24.46 -1.18 0.00	29.69 -1.37 0.00	31.35 -1.59 -0.02	27.69 -1.89 -0.19	27.54 -1.65 -0.02	25.88 -1.37 -0.24	26.29 -1.54 -0.27	26.66 -1.52 -0.28	33.01 -2.24 1.34	33.56 -1.94 -0.55	32.81 -1.58 -0.70	47.36 -1.98 -1.36	50.09 -2.65 -2.54	37.80 -2.12 -0.90	32.63 -1.53 -0.40	31.02 -1.79 -0.11	30.56 -1.60 0.00	27.58 -1.11 0.00	23.26 -1.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	35.98 2.80 0.00	32.06 2.48 0.00	18.90 1.44 0.00	28.89 2.16 0.00	26.67 2.00 0.00	27.70 2.07 0.00	33.68 2.62 0.00	35.86 2.94 0.00	32.16 2.77 0.00	32.04 2.87 0.00	29.77 2.75 0.00	30.41 2.85 0.00	30.85 2.94 0.00	40.24 3.71 0.06	38.62 3.68 0.00	37.28 3.59 0.00	52.93 4.95 0.00	55.50 5.31 0.00	42.84 3.82 0.00	36.85 3.09 0.00	35.81 3.11 0.00	35.20 3.03 0.00	31.31 2.62 0.00	26.46 2.17 0.00
PEEKSKILL___ 23653	36.35 2.33 -0.84	32.00 2.08 -0.34	52.74 1.24 -34.05	28.55 1.82 0.00	26.38 1.71 0.00	27.38 1.74 0.00	33.23 2.17 0.00	36.77 2.43 -1.42	63.09 2.29 -31.41	44.15 2.38 -12.60	29.33 2.32 0.00	29.93 2.37 0.00	30.34 2.43 0.00	39.60 3.08 0.06	38.10 3.15 0.00	36.68 2.99 0.00	52.03 4.05 0.00	54.57 4.37 0.00	42.09 3.07 0.00	36.21 2.45 0.00	35.26 2.56 0.00	34.70 2.53 0.00	30.90 2.21 0.00	26.16 1.87 0.00
PGE MADISON___WINDPWR 24146	36.54 2.67 -0.70	31.88 2.20 -0.10	18.63 1.18 0.00	28.44 1.71 0.00	26.19 1.52 0.00	27.50 1.69 -0.16	33.77 2.23 -0.48	35.50 2.49 -0.10	32.15 1.99 -0.77	31.05 1.82 -0.07	29.55 1.57 -0.96	30.11 1.47 -1.09	30.54 1.50 -1.13	40.71 1.63 -2.49	39.04 1.46 -2.62	38.16 1.63 -2.84	55.92 2.46 -5.48	59.07 3.29 -5.58	45.32 2.69 -3.61	38.17 2.79 -1.63	35.71 2.56 -0.46	34.65 2.48 0.00	30.79 2.10 0.00	25.79 1.50 0.00

PIERCEFIELD___HYD 23852	31.84 -1.72 -0.39	28.07 -1.57 -0.05	16.52 -0.93 0.00	25.33 -1.40 0.00	23.35 -1.32 0.00	24.41 -1.30 -0.07	29.68 -1.60 -0.21	31.16 -1.78 -0.02	27.96 -1.57 -0.13	27.51 -1.67 -0.01	-15.25 -1.69 40.58	25.29 -1.70 0.57	-75.07 -1.78 101.21	-158.26 -2.18 192.68	-158.25 -2.27 190.93	32.06 -2.12 -0.49	45.83 -3.17 -1.02	48.03 -3.20 -1.04	37.30 -2.39 -0.67	32.04 -2.02 -0.30	31.15 -1.63 -0.08	30.56 -1.60 0.00	27.25 -1.44 0.00	23.04 -1.25 0.00
PINELAWN_CC_1 323563	38.70 3.38 -2.15	38.87 3.00 -6.29	83.27 1.79 -64.03	35.77 2.62 -6.41	83.96 2.39 -56.90	49.50 2.46 -21.41	34.12 3.06 0.00	37.50 3.36 -1.22	60.33 3.06 -27.87	54.79 3.11 -22.51	65.55 3.01 -35.53	59.82 3.02 -29.24	63.04 3.02 -32.11	68.90 3.86 -28.45	73.81 3.94 -34.92	69.66 3.78 -32.20	63.01 5.17 -9.86	73.94 5.29 -18.45	48.51 3.79 -5.71	38.92 3.04 -2.13	43.80 3.07 -8.03	44.08 3.09 -8.82	31.43 2.74 0.00	43.78 2.51 -16.99
PJM_GEN_HTTP_PROXY 323702	36.48 2.59 -0.72	32.20 2.32 -0.29	47.95 1.40 -29.08	28.77 2.04 0.00	26.59 1.92 0.00	27.61 1.97 0.00	33.53 2.47 0.00	36.92 2.79 -1.21	58.83 2.64 -26.80	42.65 2.73 -10.75	29.67 2.66 0.00	30.30 2.74 0.00	30.73 2.82 0.00	40.08 3.55 0.06	38.58 3.64 0.00	36.25 3.44 0.88	52.63 4.64 0.00	55.17 4.98 0.00	42.49 3.47 0.00	36.52 2.76 0.00	36.63 2.87 -1.07	35.05 2.89 0.00	31.22 2.54 0.00	26.40 2.11 0.00
PJM_GEN_KEystone 24065	32.25 0.43 1.35	29.37 0.31 0.54	-36.66 0.13 54.25	20.89 0.16 6.00	24.82 0.15 0.00	25.84 0.20 0.00	31.36 0.30 0.00	31.38 0.34 1.88	-12.34 0.22 41.96	12.61 0.33 16.89	27.73 0.46 -0.26	28.31 0.46 -0.29	28.67 0.46 -0.30	36.92 0.44 0.11	36.26 0.65 -0.66	34.25 0.68 0.12	50.38 0.92 -1.47	54.30 0.92 -3.19	38.94 0.42 0.49	34.52 0.33 -0.44	34.16 0.27 -1.19	32.54 0.38 0.00	29.12 0.43 0.00	24.61 0.32 0.00
PJM_GEN_NEPTUNE_PROXY 323594	37.46 2.80 -1.49	38.38 2.51 -6.29	81.48 1.53 -62.49	32.39 2.24 -3.42	57.19 2.07 -30.45	39.25 2.13 -11.47	33.69 2.63 0.00	37.03 2.89 -1.22	59.73 2.66 -27.68	49.08 2.82 -17.09	48.78 2.78 -18.98	46.09 2.85 -15.69	47.68 2.90 -16.86	53.88 3.69 -13.60	54.58 3.71 -15.92	48.79 3.53 -11.57	53.57 4.81 -0.77	57.30 5.08 -2.03	42.75 3.62 -0.11	36.58 2.82 0.00	36.65 2.89 -1.07	38.71 2.91 -3.64	31.21 2.52 0.00	39.48 2.16 -13.04
PJM_GEN_VFT_PROXY 323633	36.35 2.46 -0.72	32.11 2.23 -0.29	47.91 1.38 -29.08	28.69 1.96 0.00	26.53 1.86 0.00	27.54 1.91 0.00	33.42 2.36 0.00	36.77 2.64 -1.21	58.69 2.51 -26.79	42.52 2.61 -10.74	29.55 2.53 0.00	30.16 2.60 0.00	30.58 2.67 0.00	39.90 3.37 0.06	38.44 3.50 0.00	36.13 3.32 0.88	52.45 4.46 0.00	55.05 4.86 0.00	42.37 3.35 0.00	36.42 2.66 0.00	36.56 2.79 -1.07	35.00 2.84 0.00	31.19 2.49 0.00	26.39 2.10 0.00
PLATSBURG_115KV_PMLD1 355749	32.87 -0.30 0.00	29.09 -0.49 0.00	17.22 -0.23 0.00	26.50 -0.24 0.00	24.57 -0.10 0.00	25.50 -0.14 0.00	31.08 0.02 0.00	33.22 0.30 0.00	29.50 0.11 0.00	28.65 -0.52 0.00	22.71 -0.98 3.32	26.86 -0.64 0.06	18.65 -0.99 8.26	-6.21 -1.19 41.60	8.78 -1.76 24.41	31.77 -1.92 0.00	45.31 -2.68 0.00	48.14 -2.05 0.00	38.19 -0.83 0.00	33.31 -0.44 0.00	32.56 -0.13 0.00	32.06 -0.11 0.00	28.70 0.01 0.00	24.33 0.04 0.00
PLEASANTVLY___LBMP 24000	35.62 2.14 -0.31	31.62 1.91 -0.12	30.97 1.12 -12.39	28.40 1.67 0.00	26.24 1.56 0.00	27.24 1.60 0.00	33.07 2.01 0.00	35.68 2.25 -0.51	42.90 2.13 -11.38	35.91 2.18 -4.57	29.10 2.09 0.00	29.70 2.14 0.00	30.08 2.18 0.00	39.25 2.72 0.06	37.70 2.75 0.00	36.28 2.60 0.00	51.56 3.57 0.00	54.05 3.85 0.00	41.79 2.77 0.00	35.99 2.23 0.00	35.03 2.33 0.00	34.44 2.28 0.00	30.67 1.98 0.00	25.99 1.70 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	36.20 2.47 -0.56	32.01 2.20 -0.22	41.19 1.31 -22.43	28.66 1.93 0.00	26.47 1.80 0.00	27.47 1.84 0.00	33.38 2.32 0.00	36.44 2.60 -0.93	52.49 2.45 -20.64	39.97 2.52 -8.28	29.45 2.43 0.00	30.08 2.52 0.00	30.48 2.58 0.00	39.78 3.26 0.06	38.25 3.31 0.00	36.84 3.15 0.00	52.31 4.32 0.00	54.83 4.63 0.00	42.29 3.28 0.00	36.38 2.63 0.00	35.42 2.72 0.00	34.86 2.70 0.00	31.04 2.35 0.00	26.26 1.98 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	36.20 2.47 -0.56	32.01 2.20 -0.22	41.19 1.31 -22.43	28.66 1.93 0.00	26.47 1.80 0.00	27.47 1.84 0.00	33.38 2.32 0.00	36.44 2.60 -0.93	52.49 2.45 -20.64	39.97 2.52 -8.28	29.45 2.43 0.00	30.08 2.52 0.00	30.48 2.58 0.00	39.78 3.26 0.06	38.25 3.31 0.00	36.84 3.15 0.00	52.31 4.32 0.00	54.83 4.63 0.00	42.29 3.28 0.00	36.38 2.63 0.00	35.42 2.72 0.00	34.86 2.70 0.00	31.04 2.35 0.00	26.26 1.98 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.89 2.60 -0.11	31.92 2.29 -0.05	23.32 1.32 -4.54	28.70 1.97 0.00	26.50 1.83 0.00	27.53 1.89 0.00	33.46 2.40 0.00	35.81 2.69 -0.20	36.32 2.52 -4.41	33.53 2.60 -1.77	29.49 2.48 0.00	30.12 2.56 0.00	30.52 2.61 0.00	39.86 3.34 0.06	38.33 3.38 0.00	36.88 3.19 0.00	52.41 4.42 0.00	54.98 4.79 0.00	42.50 3.49 0.00	36.58 2.82 0.00	35.56 2.87 0.00	34.94 2.77 0.00	31.07 2.38 0.00	26.27 1.98 0.00
POLETTI_____ 23519	36.46 2.57 -0.72	32.19 2.32 -0.29	47.94 1.40 -29.08	28.76 2.03 0.00	26.59 1.92 0.00	27.60 1.96 0.00	33.52 2.46 0.00	36.91 2.78 -1.21	58.81 2.63 -26.79	42.64 2.72 -10.74	29.67 2.66 0.00	30.30 2.75 0.00	30.72 2.81 0.00	40.05 3.53 0.06	38.57 3.63 0.00	37.12 3.44 0.00	52.63 4.65 0.00	55.17 4.98 0.00	42.48 3.46 0.00	36.53 2.77 0.00	35.58 2.89 0.00	35.07 2.91 0.00	31.24 2.55 0.00	26.42 2.13 0.00
POMONA___ESR 323819	33.98 2.27 1.46	31.02 2.01 0.58	-40.05 1.21 58.72	28.52 1.79 0.00	26.34 1.67 0.00	27.33 1.69 0.00	33.14 2.08 0.00	33.45 2.33 1.79	-8.04 2.20 39.63	15.57 2.30 15.89	29.28 2.27 0.00	29.88 2.33 0.00	30.29 2.38 0.00	39.56 3.04 0.07	38.06 3.12 0.00	36.65 2.96 0.00	51.93 3.95 0.00	54.47 4.28 0.00	42.01 2.99 0.00	36.13 2.37 0.00	35.18 2.48 0.00	34.61 2.44 0.00	30.82 2.13 0.00	26.11 1.82 0.00
PORT_JEFF_3 23555	38.75 3.43 -2.15	38.91 3.03 -6.29	83.29 1.81 -64.03	35.82 2.68 -6.41	84.00 2.43 -56.90	49.53 2.49 -21.41	34.16 3.10 0.00	37.56 3.42 -1.22	60.31 3.04 -27.87	56.73 3.31 -24.25	86.08 3.35 -55.71	60.39 3.42 -29.41	73.47 3.49 -42.08	113.35 4.36 -72.40	147.02 4.21 -107.87	198.48 3.94 -160.84	183.37 5.33 -130.06	292.31 5.56 -236.56	145.26 4.04 -102.21	73.05 3.18 -36.12	158.72 3.26 -122.77	102.59 3.31 -67.12	31.56 2.87 0.00	43.83 2.55 -16.99
PORT_JEFF_4 23616	38.75 3.43 -2.15	38.91 3.03 -6.29	83.29 1.81 -64.03	35.82 2.68 -6.41	84.00 2.43 -56.90	49.53 2.49 -21.41	34.16 3.10 0.00	37.56 3.42 -1.22	60.31 3.04 -27.87	56.73 3.31 -24.25	86.08 3.35 -55.71	60.39 3.42 -29.41	73.47 3.49 -42.08	113.35 4.36 -72.40	147.02 4.21 -107.87	198.48 3.94 -160.84	183.37 5.33 -130.06	292.31 5.56 -236.56	145.26 4.04 -102.21	73.05 3.18 -36.12	158.72 3.26 -122.77	102.59 3.31 -67.12	31.56 2.87 0.00	43.83 2.55 -16.99

PORT_JEFF_IC 23713	38.84 3.51 -2.15	38.97 3.10 -6.29	83.32 1.84 -64.02	35.87 2.73 -6.41	84.06 2.48 -56.90	49.57 2.53 -21.40	34.22 3.16 0.00	37.63 3.49 -1.22	60.27 3.01 -27.87	57.00 3.29 -24.53	89.48 3.45 -59.01	60.53 3.53 -29.44	75.20 3.59 -43.71	120.57 4.39 -79.59	156.54 4.27 -117.32	219.59 4.01 -181.89	203.19 5.47 -149.73	336.69 5.69 -280.80	179.21 4.14 -136.06	82.33 3.27 -45.30	177.57 3.32 -141.54	112.17 3.35 -76.66	31.57 2.88 0.00	43.90 2.62 -16.98
PPL PILGRIM_ST_GT1 24216	38.96 3.64 -2.15	39.09 3.21 -6.29	83.40 1.92 -64.03	35.97 2.83 -6.41	84.14 2.56 -56.90	49.66 2.62 -21.41	34.33 3.27 0.00	37.73 3.59 -1.22	60.55 3.28 -27.87	55.44 3.50 -22.77	68.82 3.24 -38.56	60.09 3.27 -29.27	64.81 3.29 -33.61	75.87 4.23 -35.05	85.37 4.21 -46.21	89.35 4.14 -51.51	81.41 5.52 -27.90	106.05 5.83 -50.03	60.96 4.23 -17.72	43.80 3.31 -6.73	61.30 3.34 -25.26	53.21 3.47 -17.58	31.84 3.15 0.00	43.96 2.68 -16.99
PPL PILGRIM_ST_GT2 24217	38.96 3.64 -2.15	39.09 3.21 -6.29	83.40 1.92 -64.03	35.97 2.83 -6.41	84.14 2.56 -56.90	49.66 2.62 -21.41	34.33 3.27 0.00	37.73 3.59 -1.22	60.55 3.28 -27.87	55.44 3.50 -22.77	68.82 3.24 -38.56	60.09 3.27 -29.27	64.81 3.29 -33.61	75.87 4.23 -35.05	85.37 4.21 -46.21	89.35 4.14 -51.51	81.41 5.52 -27.90	106.05 5.83 -50.03	60.96 4.23 -17.72	43.80 3.31 -6.73	61.30 3.34 -25.26	53.21 3.47 -17.58	31.84 3.15 0.00	43.96 2.68 -16.99
PPL_SHRM_GT3 24213	38.78 3.45 -2.15	38.84 2.97 -6.29	83.26 1.78 -64.03	35.80 2.66 -6.41	84.01 2.44 -56.90	49.53 2.48 -21.41	34.12 3.06 0.00	37.58 3.44 -1.22	60.38 3.12 -27.87	56.88 3.42 -24.29	86.63 3.44 -56.17	60.50 3.53 -29.41	73.90 3.69 -42.30	114.82 4.83 -73.40	148.58 4.69 -108.94	201.87 4.41 -163.77	186.77 5.99 -132.79	300.22 6.47 -243.55	152.42 4.71 -108.70	75.20 3.69 -37.75	161.89 3.81 -125.38	104.42 3.81 -68.45	31.81 3.12 0.00	43.88 2.60 -16.99
PPL_SHRM_GT4 24214	38.78 3.45 -2.15	38.84 2.97 -6.29	83.26 1.78 -64.03	35.80 2.66 -6.41	84.01 2.44 -56.90	49.53 2.48 -21.41	34.12 3.06 0.00	37.58 3.44 -1.22	60.38 3.12 -27.87	56.88 3.42 -24.29	86.63 3.44 -56.17	60.50 3.53 -29.41	73.90 3.69 -42.30	114.82 4.83 -73.40	148.58 4.69 -108.94	201.87 4.41 -163.77	186.77 5.99 -132.79	300.22 6.47 -243.55	152.42 4.71 -108.70	75.20 3.69 -37.75	161.89 3.81 -125.38	104.42 3.81 -68.45	31.81 3.12 0.00	43.88 2.60 -16.99
PROJECT___ORANGE 1 24174	33.86 -0.31 -0.99	29.38 -0.35 -0.14	17.22 -0.24 0.00	26.34 -0.39 0.00	24.31 -0.36 0.00	25.52 -0.35 -0.23	31.39 -0.35 -0.68	32.57 -0.37 -0.03	29.18 -0.44 -0.22	28.81 -0.38 -0.02	25.86 -0.28 0.87	27.57 -0.28 -0.29	25.09 -0.30 2.52	32.21 -0.47 3.91	30.15 -0.41 4.39	34.15 -0.35 -0.82	49.11 -0.46 -1.58	51.25 -0.55 -1.61	39.64 -0.42 -1.04	33.85 -0.38 -0.47	32.36 -0.47 -0.13	31.79 -0.38 0.00	28.40 -0.29 0.00	23.98 -0.31 0.00
PROJECT___ORANGE 2 24166	33.86 -0.31 -0.99	29.38 -0.35 -0.14	17.22 -0.24 0.00	26.34 -0.39 0.00	24.31 -0.36 0.00	25.52 -0.35 -0.23	31.39 -0.35 -0.68	32.57 -0.37 -0.03	29.18 -0.44 -0.22	28.81 -0.38 -0.02	25.86 -0.28 0.87	27.57 -0.28 -0.29	25.09 -0.30 2.52	32.21 -0.47 3.91	30.15 -0.41 4.39	34.15 -0.35 -0.82	49.11 -0.46 -1.58	51.25 -0.55 -1.61	39.64 -0.42 -1.04	33.85 -0.38 -0.47	32.36 -0.47 -0.13	31.79 -0.38 0.00	28.40 -0.29 0.00	23.98 -0.31 0.00
PUCKETT___SOLAR 323809	34.59 0.78 -0.64	30.27 0.60 -0.09	17.75 0.29 0.00	27.12 0.39 0.00	24.96 0.29 0.00	26.17 0.38 -0.15	32.04 0.54 -0.44	33.66 0.64 -0.10	30.60 0.44 -0.78	29.60 0.36 -0.07	28.37 0.39 -0.97	29.01 0.35 -1.10	29.38 0.33 -1.14	39.27 0.27 -2.41	37.90 0.32 -2.64	36.94 0.39 -2.86	54.20 0.69 -5.52	56.80 0.99 -5.63	43.38 0.72 -3.63	36.25 0.86 -1.64	33.80 0.64 -0.46	32.80 0.64 0.00	29.24 0.55 0.00	24.61 0.31 0.00
PYRITES___HYD 24023	33.79 0.31 -0.31	29.75 0.17 0.00	17.51 0.06 0.00	26.81 0.08 0.00	24.75 0.08 0.00	25.81 0.16 0.00	31.21 0.14 0.00	32.73 -0.18 0.00	29.02 -0.37 0.00	28.85 -0.32 0.00	-20.78 -0.47 47.32	26.11 -0.57 0.88	-90.42 -0.56 117.77	-186.53 -0.65 222.47	-187.39 -0.71 221.64	33.01 -0.68 0.00	47.69 -0.30 0.00	50.47 0.27 0.00	39.02 0.00 0.00	34.18 0.42 0.00	33.73 1.03 0.00	33.27 1.10 0.00	29.61 0.92 0.00	24.93 0.64 0.00
QUAKERRD_115KV_BK1 80622	31.77 -1.40 0.00	28.27 -1.31 0.00	16.57 -0.88 0.00	25.33 -1.40 0.00	23.42 -1.25 0.00	24.41 -1.23 0.00	29.61 -1.45 0.00	31.34 -1.58 0.00	27.70 -1.69 0.00	27.63 -1.54 0.00	25.74 -1.27 0.00	26.21 -1.35 0.00	26.58 -1.33 0.00	34.92 -1.96 -0.30	33.16 -1.80 -0.02	32.15 -1.54 0.00	45.96 -2.03 0.00	47.76 -2.44 0.00	37.19 -1.83 0.00	32.31 -1.45 0.00	31.10 -1.60 0.00	30.63 -1.53 0.00	27.46 -1.23 0.00	23.17 -1.12 0.00
QUENSBRY_115KV_TB8 356137	35.58 2.30 -0.11	31.50 1.87 -0.04	22.87 0.96 -4.46	28.30 1.57 0.00	26.20 1.53 0.00	27.22 1.58 0.00	33.20 2.14 0.00	35.42 2.32 -0.18	35.48 2.01 -4.08	32.68 1.87 -1.64	28.42 1.41 0.00	29.03 1.47 0.00	29.36 1.45 0.00	38.41 1.82 0.00	36.61 1.66 0.00	35.30 1.62 0.00	50.42 2.43 0.00	53.12 2.92 0.00	41.79 2.77 0.00	36.08 2.32 0.00	35.18 2.48 0.00	34.37 2.21 0.00	30.34 1.65 0.00	25.91 1.62 0.00
RAMAPO___LBMP 323565	33.86 2.11 1.42	30.90 1.87 0.57	-38.60 1.13 57.18	28.39 1.66 0.00	26.23 1.56 0.00	27.21 1.57 0.00	33.00 1.94 0.00	33.38 2.18 1.72	-6.62 2.07 38.08	16.04 2.15 15.27	29.12 2.10 0.00	29.72 2.16 0.00	30.12 2.21 0.00	39.32 2.80 0.07	37.83 2.89 0.00	36.43 2.75 0.00	51.68 3.69 0.00	54.20 4.00 0.00	41.79 2.78 0.00	35.96 2.20 0.00	35.03 2.33 0.00	34.47 2.31 0.00	30.70 2.01 0.00	26.00 1.71 0.00
RANKINE____ 23646	31.81 -1.36 0.00	28.27 -1.32 0.00	16.51 -0.94 0.00	25.21 -1.52 0.00	23.30 -1.37 0.00	24.35 -1.28 0.00	29.54 -1.52 0.00	31.19 -1.75 -0.02	27.50 -2.06 -0.17	27.34 -1.85 -0.02	25.75 -1.48 -0.21	26.18 -1.62 -0.24	26.56 -1.59 -0.25	32.71 -2.41 1.46	33.29 -2.14 -0.48	32.58 -1.75 -0.64	46.97 -2.24 -1.22	49.86 -2.97 -2.64	37.50 -2.33 -0.81	32.42 -1.70 -0.36	30.85 -1.94 -0.10	30.39 -1.77 0.00	27.46 -1.23 0.00	23.16 -1.13 0.00
RAVENSWOOD_GT2_1 24244	36.55 2.66 -0.72	32.27 2.40 -0.29	47.97 1.44 -29.07	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	29.73 2.71 0.00	30.34 2.78 0.00	30.75 2.85 0.00	40.10 3.57 0.06	38.61 3.67 0.00	37.16 3.47 0.00	52.70 4.71 0.00	55.23 5.04 0.00	42.54 3.52 0.00	36.58 2.82 0.00	35.64 2.95 0.00	35.13 2.97 0.00	31.29 2.60 0.00	26.46 2.17 0.00
RAVENSWOOD_GT2_2 24245	36.55 2.66 -0.72	32.27 2.40 -0.29	47.97 1.44 -29.07	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	29.73 2.71 0.00	30.34 2.78 0.00	30.75 2.85 0.00	40.10 3.57 0.06	38.61 3.67 0.00	37.16 3.47 0.00	52.70 4.71 0.00	55.23 5.04 0.00	42.54 3.52 0.00	36.58 2.82 0.00	35.64 2.95 0.00	35.13 2.97 0.00	31.29 2.60 0.00	26.46 2.17 0.00

RAVENSWOOD_GT2_3 24246	36.57 2.68 -0.72	32.29 2.41 -0.29	47.97 1.45 -29.07	28.85 2.12 0.00	26.66 1.99 0.00	27.68 2.04 0.00	33.62 2.56 0.00	37.00 2.87 -1.21	58.89 2.72 -26.78	42.71 2.80 -10.74	29.74 2.72 0.00	30.36 2.80 0.00	30.78 2.87 0.00	40.13 3.60 0.06	38.64 3.69 0.00	37.19 3.50 0.00	52.73 4.75 0.00	55.27 5.08 0.00	42.56 3.54 0.00	36.61 2.85 0.00	35.65 2.96 0.00	35.15 2.99 0.00	31.30 2.61 0.00	26.48 2.18 0.00
RAVENSWOOD_GT2_4 24247	36.57 2.68 -0.72	32.29 2.41 -0.29	47.97 1.45 -29.07	28.85 2.12 0.00	26.66 1.99 0.00	27.68 2.04 0.00	33.62 2.56 0.00	37.00 2.87 -1.21	58.89 2.72 -26.78	42.71 2.80 -10.74	29.74 2.72 0.00	30.36 2.80 0.00	30.78 2.87 0.00	40.13 3.60 0.06	38.64 3.69 0.00	37.19 3.50 0.00	52.73 4.75 0.00	55.27 5.08 0.00	42.56 3.54 0.00	36.61 2.85 0.00	35.65 2.96 0.00	35.15 2.99 0.00	31.30 2.61 0.00	26.48 2.18 0.00
RAVENSWOOD_GT3_1 24248	36.55 2.66 -0.72	32.27 2.40 -0.29	47.97 1.44 -29.07	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	29.73 2.71 0.00	30.34 2.79 0.00	30.75 2.85 0.00	40.10 3.58 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.71 4.72 0.00	55.23 5.04 0.00	42.54 3.52 0.00	36.58 2.83 0.00	35.64 2.95 0.00	35.13 2.97 0.00	31.29 2.60 0.00	26.46 2.17 0.00
RAVENSWOOD_GT3_2 24249	36.55 2.66 -0.72	32.27 2.40 -0.29	47.97 1.44 -29.07	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	29.73 2.71 0.00	30.34 2.79 0.00	30.75 2.85 0.00	40.10 3.58 0.06	38.62 3.67 0.00	37.16 3.47 0.00	52.71 4.72 0.00	55.23 5.04 0.00	42.54 3.52 0.00	36.58 2.83 0.00	35.64 2.95 0.00	35.13 2.97 0.00	31.29 2.60 0.00	26.46 2.17 0.00
RAVENSWOOD_GT3_3 24250	36.62 2.73 -0.72	32.33 2.46 -0.29	48.00 1.48 -29.07	28.88 2.15 0.00	26.69 2.02 0.00	27.72 2.08 0.00	33.66 2.61 0.00	37.06 2.93 -1.21	58.94 2.76 -26.78	42.76 2.85 -10.74	29.79 2.78 0.00	30.42 2.86 0.00	30.83 2.92 0.00	40.20 3.67 0.06	38.70 3.76 0.00	37.26 3.57 0.00	52.82 4.84 0.00	55.36 5.17 0.00	42.64 3.62 0.00	36.67 2.91 0.00	35.71 3.02 0.00	35.20 3.04 0.00	31.35 2.66 0.00	26.51 2.22 0.00
RAVENSWOOD_GT3_4 24251	36.62 2.73 -0.72	32.33 2.46 -0.29	48.00 1.48 -29.07	28.88 2.15 0.00	26.69 2.02 0.00	27.72 2.08 0.00	33.66 2.61 0.00	37.06 2.93 -1.21	58.94 2.76 -26.78	42.76 2.85 -10.74	29.79 2.78 0.00	30.42 2.86 0.00	30.83 2.92 0.00	40.20 3.67 0.06	38.70 3.76 0.00	37.26 3.57 0.00	52.82 4.84 0.00	55.36 5.17 0.00	42.64 3.62 0.00	36.67 2.91 0.00	35.71 3.02 0.00	35.20 3.04 0.00	31.35 2.66 0.00	26.51 2.22 0.00
RAVENSWOOD_GT_1 23729	36.89 2.68 -1.04	32.82 2.45 -0.78	48.29 1.47 -29.36	28.88 2.15 0.00	26.69 2.03 0.00	27.73 2.09 0.00	33.69 2.63 0.00	37.11 2.98 -1.21	58.98 2.80 -26.78	42.79 2.88 -10.74	127.42 2.82 -97.58	36.54 2.90 -6.08	44.32 2.94 -13.47	46.18 3.65 -5.94	46.05 3.76 -7.34	42.20 3.56 -4.95	53.18 4.78 -0.41	55.61 5.09 -0.32	42.57 3.54 -0.01	36.94 2.88 -0.30	36.06 3.02 -0.34	35.75 3.08 -0.50	32.52 2.68 -1.15	29.07 2.24 -2.55
RAVENSWOOD_GT_10 24258	36.59 2.66 -0.76	32.33 2.40 -0.34	48.00 1.44 -29.10	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	36.05 2.71 -6.33	31.00 2.78 -0.66	31.34 2.85 -0.59	40.37 3.58 -0.21	39.38 3.67 -0.76	37.74 3.47 -0.57	52.76 4.72 -0.05	55.27 5.04 -0.04	42.55 3.53 0.00	36.62 2.83 -0.03	35.68 2.95 -0.04	35.19 2.97 -0.06	31.42 2.59 -0.13	26.75 2.17 -0.29
RAVENSWOOD_GT_11 24259	36.59 2.66 -0.76	32.33 2.40 -0.34	48.00 1.44 -29.10	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	36.05 2.71 -6.33	31.00 2.78 -0.66	31.34 2.85 -0.59	40.37 3.58 -0.21	39.38 3.67 -0.76	37.74 3.47 -0.57	52.76 4.72 -0.05	55.27 5.04 -0.04	42.55 3.53 0.00	36.62 2.83 -0.03	35.68 2.95 -0.04	35.19 2.97 -0.06	31.42 2.59 -0.13	26.75 2.17 -0.29
RAVENSWOOD_GT_4 24252	36.82 2.68 -0.96	32.66 2.41 -0.66	48.20 1.45 -29.29	28.84 2.10 0.00	26.65 1.97 0.00	27.67 2.03 0.00	33.60 2.54 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	71.47 2.71 -41.75	34.68 2.78 -4.35	34.64 2.85 -3.88	41.90 3.59 -1.72	43.69 3.67 -5.07	40.93 3.47 -3.77	53.03 4.73 -0.31	55.51 5.07 -0.25	42.57 3.54 -0.01	36.82 2.84 -0.22	35.90 2.95 -0.26	35.51 2.97 -0.38	32.16 2.59 -0.88	28.40 2.17 -1.94
RAVENSWOOD_GT_5 24254	36.82 2.68 -0.96	32.66 2.41 -0.66	48.20 1.45 -29.29	28.84 2.10 0.00	26.65 1.97 0.00	27.67 2.03 0.00	33.60 2.54 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	71.47 2.71 -41.75	34.68 2.78 -4.35	34.64 2.85 -3.88	41.90 3.59 -1.72	43.69 3.67 -5.07	40.93 3.47 -3.77	53.03 4.73 -0.31	55.51 5.07 -0.25	42.57 3.54 -0.01	36.82 2.84 -0.22	35.90 2.95 -0.26	35.51 2.97 -0.38	32.16 2.59 -0.88	28.40 2.17 -1.94
RAVENSWOOD_GT_6 24253	36.82 2.68 -0.96	32.66 2.41 -0.66	48.20 1.45 -29.29	28.84 2.10 0.00	26.65 1.97 0.00	27.67 2.03 0.00	33.60 2.54 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	71.47 2.71 -41.75	34.68 2.78 -4.35	34.64 2.85 -3.88	41.90 3.59 -1.72	43.69 3.67 -5.07	40.93 3.47 -3.77	53.03 4.73 -0.31	55.51 5.07 -0.25	42.57 3.54 -0.01	36.82 2.84 -0.22	35.90 2.95 -0.26	35.51 2.97 -0.38	32.16 2.59 -0.88	28.40 2.17 -1.94
RAVENSWOOD_GT_7 24255	36.82 2.68 -0.96	32.66 2.41 -0.66	48.20 1.45 -29.29	28.84 2.10 0.00	26.65 1.97 0.00	27.67 2.03 0.00	33.60 2.54 0.00	36.99 2.86 -1.21	58.87 2.69 -26.78	42.70 2.79 -10.74	71.47 2.71 -41.75	34.68 2.78 -4.35	34.64 2.85 -3.88	41.90 3.59 -1.72	43.69 3.67 -5.07	40.93 3.47 -3.77	53.03 4.73 -0.31	55.51 5.07 -0.25	42.57 3.54 -0.01	36.82 2.84 -0.22	35.90 2.95 -0.26	35.51 2.97 -0.38	32.16 2.59 -0.88	28.40 2.17 -1.94
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.59 2.66 -0.76	32.33 2.40 -0.34	48.00 1.44 -29.10	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	36.05 2.71 -6.33	31.00 2.78 -0.66	31.34 2.85 -0.59	40.37 3.58 -0.21	39.38 3.67 -0.76	37.74 3.47 -0.57	52.76 4.72 -0.05	55.27 5.04 -0.04	42.55 3.53 0.00	36.62 2.83 -0.03	35.68 2.95 -0.04	35.19 2.97 -0.06	31.42 2.59 -0.13	26.75 2.17 -0.29
RAVENSWOOD_GT_9 24257	36.59 2.66 -0.76	32.33 2.40 -0.34	48.00 1.44 -29.10	28.83 2.10 0.00	26.64 1.97 0.00	27.66 2.02 0.00	33.60 2.54 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.70 2.78 -10.74	36.05 2.71 -6.33	31.00 2.78 -0.66	31.34 2.85 -0.59	40.37 3.58 -0.21	39.38 3.67 -0.76	37.74 3.47 -0.57	52.76 4.72 -0.05	55.27 5.04 -0.04	42.55 3.53 0.00	36.62 2.83 -0.03	35.68 2.95 -0.04	35.19 2.97 -0.06	31.42 2.59 -0.13	26.75 2.17 -0.29

RAVENSWOOD___1 23533	36.19 2.61 -0.41	31.77 2.39 0.20	47.67 1.44 -28.78	28.83 2.10 0.00	26.65 1.97 0.00	27.68 2.04 0.00	33.63 2.57 0.00	37.02 2.89 -1.21	58.91 2.73 -26.78	42.72 2.81 -10.74	-24.22 2.76 53.99	24.78 2.84 5.62	25.77 2.89 5.03	37.81 3.60 2.38	32.08 3.69 6.57	32.32 3.50 4.87	52.27 4.68 0.40	54.88 5.00 0.32	42.47 3.46 0.01	36.28 2.82 0.29	35.34 2.98 0.33	34.70 3.03 0.50	30.19 2.63 1.13	23.98 2.20 2.51
RAVENSWOOD___2 23534	36.30 2.40 -0.72	32.14 2.27 -0.29	47.94 1.42 -29.07	28.80 2.06 0.00	26.62 1.95 0.00	27.65 2.01 0.00	33.59 2.53 0.00	36.98 2.85 -1.21	58.87 2.70 -26.78	42.69 2.77 -10.74	59.87 2.68 -30.18	30.62 2.80 -0.26	36.74 2.85 -5.99	42.60 3.46 -2.55	38.90 3.47 -0.49	37.00 3.31 0.00	52.35 4.36 0.00	54.87 4.67 0.00	42.21 3.19 0.00	36.37 2.61 0.00	35.57 2.88 0.00	35.14 2.97 0.00	31.27 2.59 0.00	26.46 2.17 0.00
RAVENSWOOD___3 23535	36.55 2.66 -0.72	32.28 2.40 -0.29	47.97 1.44 -29.07	28.83 2.10 0.00	26.64 1.97 0.00	27.68 2.04 0.00	33.60 2.54 0.00	36.99 2.86 -1.21	58.87 2.70 -26.78	42.70 2.79 -10.74	29.73 2.71 0.00	30.34 2.78 0.00	30.76 2.85 0.00	40.11 3.59 0.06	38.62 3.67 0.00	37.16 3.48 0.00	52.70 4.72 0.00	55.23 5.04 0.00	42.55 3.53 0.00	36.58 2.82 0.00	35.64 2.95 0.00	35.13 2.97 0.00	31.28 2.60 0.00	26.46 2.17 0.00
RAVENSWOOD___4 23820	36.19 2.61 -0.41	31.77 2.39 0.20	47.67 1.44 -28.78	28.83 2.10 0.00	26.65 1.97 0.00	27.68 2.04 0.00	33.63 2.57 0.00	37.02 2.89 -1.21	58.91 2.73 -26.78	42.72 2.81 -10.74	-24.22 2.76 53.99	24.78 2.84 5.62	25.77 2.89 5.03	37.81 3.60 2.38	32.08 3.69 6.57	32.32 3.50 4.87	52.27 4.68 0.40	54.88 5.00 0.32	42.47 3.46 0.01	36.28 2.82 0.29	35.34 2.98 0.33	34.70 3.03 0.50	30.19 2.63 1.13	23.98 2.20 2.51
RCPL_TRUST___DRP 24196	36.52 2.63 -0.72	32.25 2.37 -0.29	47.97 1.43 -29.08	28.81 2.07 0.00	26.62 1.95 0.00	27.65 2.01 0.00	33.59 2.52 0.00	36.98 2.85 -1.21	58.89 2.70 -26.80	42.71 2.79 -10.75	29.74 2.72 0.00	30.36 2.80 0.00	30.79 2.88 0.00	40.14 3.61 0.06	38.65 3.70 0.00	37.19 3.50 0.00	52.72 4.73 0.00	55.26 5.07 0.00	42.55 3.53 0.00	36.57 2.81 0.00	35.61 2.91 0.00	35.09 2.93 0.00	31.26 2.57 0.00	26.43 2.14 0.00
RED___ROCHESTER 323720	32.57 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.74 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.26 -1.14 0.00	28.21 -0.96 0.00	26.34 -0.67 0.00	26.83 -0.73 0.00	27.22 -0.69 0.00	35.65 -1.22 -0.28	33.95 -1.01 -0.02	32.94 -0.75 0.00	47.10 -0.89 0.00	48.88 -1.31 0.00	38.06 -0.96 0.00	33.12 -0.64 0.00	31.81 -0.88 0.00	31.35 -0.81 0.00	28.14 -0.55 0.00	23.72 -0.57 0.00
REGAN___SOLAR 323812	37.27 4.09 0.00	33.10 3.51 0.00	19.47 2.01 0.00	29.74 3.01 0.00	27.45 2.78 0.00	28.61 2.97 0.00	34.56 3.51 0.00	36.00 3.09 0.00	30.98 1.59 0.00	29.98 0.81 0.00	27.37 0.36 0.00	28.18 0.63 0.00	28.49 0.59 0.00	37.66 1.15 0.07	35.96 1.01 0.00	34.73 1.04 0.00	49.52 1.53 0.00	52.24 2.04 0.00	42.16 3.14 0.00	37.84 4.08 0.00	37.22 4.53 0.00	36.57 4.40 0.00	32.43 3.74 0.00	27.10 2.82 0.00
RENSSELAER___COGEN 23796	34.27 0.98 -0.12	30.59 0.96 -0.05	22.85 0.60 -4.79	27.65 0.91 0.00	25.54 0.87 0.00	26.46 0.82 0.00	32.02 0.96 0.00	34.16 1.05 -0.20	34.77 0.98 -4.40	31.86 0.93 -1.76	27.84 0.82 0.00	28.38 0.82 0.00	28.74 0.83 0.00	37.58 0.99 0.00	35.86 0.92 0.00	34.49 0.79 0.00	49.18 1.20 0.00	51.55 1.35 0.00	40.10 1.09 0.00	34.70 0.95 0.00	33.70 1.00 0.00	33.05 0.88 0.00	29.43 0.74 0.00	25.05 0.76 0.00
REPUBLIC_115KV_BARTNBRK 55605	37.69 4.40 -0.11	33.08 3.45 -0.04	23.61 1.69 -4.47	29.67 2.94 0.00	27.64 2.97 0.00	28.76 3.12 0.00	35.32 4.26 0.00	37.57 4.46 -0.18	37.23 3.74 -4.09	34.27 3.46 -1.64	29.74 2.72 0.00	30.40 2.84 0.00	30.78 2.88 0.00	40.24 3.65 0.00	38.36 3.41 0.00	37.04 3.35 0.00	52.92 4.94 0.00	55.83 5.63 0.00	44.05 5.04 0.00	37.92 4.16 0.00	37.20 4.50 0.00	36.18 4.02 0.00	31.89 3.20 0.00	27.38 3.09 0.00
REVERE_CPPR_DRP 24186	34.83 0.91 -0.74	30.48 0.81 -0.08	17.89 0.43 0.00	27.37 0.63 0.00	25.25 0.58 0.00	26.46 0.71 -0.11	32.40 1.00 -0.34	33.96 1.01 -0.02	30.40 0.82 -0.19	30.02 0.84 -0.02	24.49 0.74 3.26	28.51 0.75 -0.21	20.14 0.67 8.44	22.62 0.80 14.77	20.39 0.86 15.41	35.13 0.72 -0.71	50.51 1.15 -1.38	52.92 1.33 -1.41	41.17 1.24 -0.91	35.38 1.22 -0.41	34.06 1.25 -0.12	33.42 1.25 0.00	29.73 1.04 0.00	25.07 0.78 0.00
REYNOLDS_115KV_TB3 80639	34.52 1.23 -0.12	30.82 1.19 -0.05	23.14 0.71 -4.97	27.84 1.11 0.00	25.71 1.04 0.00	26.63 0.99 0.00	32.28 1.22 0.00	34.45 1.33 -0.21	35.18 1.23 -4.56	32.18 1.18 -1.83	28.05 1.04 0.00	28.61 1.05 0.00	28.98 1.07 0.00	37.87 1.28 0.00	36.11 1.17 0.00	34.71 1.02 0.00	49.53 1.54 0.00	51.91 1.72 0.00	40.39 1.37 0.00	34.96 1.20 0.00	33.95 1.25 0.00	33.28 1.12 0.00	29.63 0.94 0.00	25.22 0.93 0.00
RIVERBAY____ 323610	36.93 3.03 -0.72	32.60 2.73 -0.29	48.16 1.63 -29.07	29.11 2.38 0.00	26.92 2.25 0.00	27.97 2.33 0.00	33.96 2.90 0.00	37.36 3.23 -1.21	59.14 2.97 -26.78	42.94 3.03 -10.74	29.93 2.91 0.00	30.50 2.94 0.00	30.90 2.99 0.00	40.29 3.76 0.06	38.88 3.93 0.00	37.39 3.70 0.00	53.01 5.02 0.00	55.58 5.38 0.00	42.90 3.88 0.00	36.94 3.18 0.00	35.99 3.30 0.00	35.42 3.26 0.00	31.52 2.83 0.00	26.62 2.33 0.00
RIVERSIDE_115KV_TB3 55908	34.43 1.14 -0.12	30.74 1.10 -0.05	22.99 0.67 -4.87	27.77 1.04 0.00	25.64 0.97 0.00	26.57 0.93 0.00	32.19 1.13 0.00	34.36 1.24 -0.20	35.01 1.16 -4.46	32.07 1.11 -1.79	28.00 0.98 0.00	28.55 0.99 0.00	28.92 1.01 0.00	37.80 1.21 0.00	36.07 1.13 0.00	34.68 0.99 0.00	49.47 1.49 0.00	51.85 1.66 0.00	40.34 1.32 0.00	34.91 1.15 0.00	33.88 1.18 0.00	33.22 1.06 0.00	29.58 0.89 0.00	25.16 0.87 0.00
ROARING___BROOK_WT_PWR 323790	32.74 -0.43 0.00	29.29 -0.30 0.00	17.31 -0.15 0.00	26.52 -0.21 0.00	24.49 -0.19 0.00	25.48 -0.16 0.00	30.85 -0.21 0.00	32.42 -0.50 0.00	28.95 -0.44 0.00	28.60 -0.57 0.00	28.31 -0.70 -2.00	26.85 -0.74 -0.04	32.12 -0.75 -4.97	0.63 -0.87 35.09	28.15 -1.00 5.80	32.77 -0.92 0.00	46.76 -1.23 0.00	48.93 -1.26 0.00	38.01 -1.01 0.00	32.90 -0.86 0.00	32.18 -0.51 0.00	31.74 -0.42 0.00	28.36 -0.33 0.00	24.02 -0.27 0.00
ROCHESRG_115KV_T4 355643	32.15 -1.03 0.00	28.60 -0.98 0.00	16.75 -0.70 0.00	25.60 -1.13 0.00	23.67 -1.00 0.00	24.68 -0.95 0.00	29.94 -1.12 0.00	31.65 -1.27 0.00	27.90 -1.48 0.00	27.84 -1.33 0.00	25.98 -1.03 0.00	26.45 -1.11 0.00	26.83 -1.07 0.00	35.26 -1.68 -0.35	33.45 -1.52 -0.02	32.45 -1.24 0.00	46.41 -1.58 0.00	48.15 -2.04 0.00	37.47 -1.55 0.00	32.58 -1.17 0.00	31.35 -1.35 0.00	30.91 -1.25 0.00	27.76 -0.93 0.00	23.43 -0.85 0.00

ROCHESTER_9_IC 23652	32.36 -0.81 0.00	28.79 -0.80 0.00	16.86 -0.60 0.00	25.75 -0.98 0.00	23.81 -0.86 0.00	24.84 -0.80 0.00	30.13 -0.94 0.00	31.84 -1.08 0.00	28.09 -1.30 0.00	28.03 -1.14 0.00	26.17 -0.84 0.00	26.64 -0.92 0.00	27.04 -0.87 0.00	35.45 -1.42 -0.28	33.70 -1.26 -0.02	32.72 -0.97 0.00	46.77 -1.22 0.00	48.52 -1.68 0.00	37.77 -1.25 0.00	32.85 -0.91 0.00	31.59 -1.11 0.00	31.14 -1.02 0.00	27.96 -0.73 0.00	23.59 -0.70 0.00
ROCKVIEW_13_KV_LD 356306	36.58 2.69 -0.72	32.27 2.40 -0.29	47.92 1.43 -29.04	28.82 2.09 0.00	26.62 1.96 0.00	27.64 2.00 0.00	33.58 2.52 0.00	36.95 2.82 -1.21	58.80 2.65 -26.76	42.64 2.74 -10.73	29.67 2.66 0.00	30.29 2.73 0.00	30.71 2.80 0.00	40.07 3.55 0.06	38.56 3.62 0.00	37.13 3.44 0.00	52.69 4.70 0.00	55.21 5.01 0.00	42.61 3.60 0.00	36.61 2.86 0.00	35.64 2.94 0.00	35.12 2.96 0.00	31.28 2.59 0.00	26.43 2.14 0.00
ROME____115KV_TB2 80656	34.83 0.91 -0.74	30.48 0.81 -0.08	17.89 0.43 0.00	27.37 0.63 0.00	25.25 0.58 0.00	26.46 0.71 -0.11	32.40 1.00 -0.34	33.96 1.01 -0.02	30.40 0.82 -0.19	30.02 0.84 -0.02	24.49 0.74 3.26	28.51 0.75 -0.21	20.14 0.67 8.44	22.62 0.80 14.77	20.39 0.86 15.41	35.13 0.72 -0.71	50.51 1.15 -1.38	52.92 1.33 -1.41	41.17 1.24 -0.91	35.38 1.22 -0.41	34.06 1.25 -0.12	33.42 1.25 0.00	29.73 1.04 0.00	25.07 0.78 0.00
ROSETON____1 23587	35.20 2.03 0.00	31.41 1.82 0.00	18.53 1.07 0.00	28.33 1.59 0.00	26.16 1.50 0.00	27.17 1.53 0.00	32.99 1.93 0.00	35.08 2.16 0.00	31.43 2.04 0.00	31.27 2.10 0.00	29.04 2.02 0.00	29.63 2.07 0.00	30.02 2.11 0.00	39.18 2.66 0.06	37.63 2.69 0.00	36.23 2.54 0.00	51.46 3.47 0.00	53.95 3.75 0.00	41.70 2.68 0.00	35.91 2.16 0.00	34.96 2.27 0.00	34.39 2.23 0.00	30.63 1.94 0.00	25.95 1.66 0.00
ROSETON____2 23588	35.20 2.03 0.00	31.41 1.82 0.00	18.53 1.07 0.00	28.33 1.59 0.00	26.16 1.50 0.00	27.17 1.53 0.00	32.99 1.93 0.00	35.08 2.16 0.00	31.43 2.04 0.00	31.27 2.10 0.00	29.04 2.02 0.00	29.63 2.07 0.00	30.02 2.11 0.00	39.18 2.66 0.06	37.63 2.69 0.00	36.23 2.54 0.00	51.46 3.47 0.00	53.95 3.75 0.00	41.70 2.68 0.00	35.91 2.16 0.00	34.96 2.27 0.00	34.39 2.23 0.00	30.63 1.94 0.00	25.95 1.66 0.00
ROTTDAM_115KV_TB3 80664	34.62 1.35 -0.10	30.83 1.20 -0.04	22.36 0.69 -4.22	27.79 1.06 0.00	25.66 0.99 0.00	26.66 1.02 0.00	32.34 1.28 0.00	34.45 1.35 -0.17	34.43 1.18 -3.86	31.84 1.12 -1.55	28.01 0.99 0.00	28.57 1.02 0.00	28.93 1.02 0.00	37.85 1.26 0.00	36.17 1.22 0.00	34.85 1.16 0.00	49.63 1.64 0.00	52.05 1.86 0.00	40.55 1.53 0.00	35.13 1.37 0.00	34.12 1.43 0.00	33.51 1.34 0.00	29.82 1.13 0.00	25.29 1.00 0.00
RUSSELL____1 23602	32.56 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.75 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.24 -1.16 0.00	28.19 -0.98 0.00	26.33 -0.68 0.00	26.81 -0.75 0.00	27.21 -0.70 0.00	35.69 -1.18 -0.28	33.93 -1.03 -0.02	32.93 -0.76 0.00	47.08 -0.90 0.00	48.86 -1.33 0.00	38.06 -0.96 0.00	33.10 -0.65 0.00	31.81 -0.89 0.00	31.35 -0.81 0.00	28.13 -0.56 0.00	23.72 -0.57 0.00
RUSSELL____2 23532	32.56 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.75 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.24 -1.16 0.00	28.19 -0.98 0.00	26.33 -0.68 0.00	26.81 -0.75 0.00	27.21 -0.70 0.00	35.69 -1.18 -0.28	33.93 -1.03 -0.02	32.93 -0.76 0.00	47.08 -0.90 0.00	48.86 -1.33 0.00	38.06 -0.96 0.00	33.10 -0.65 0.00	31.81 -0.89 0.00	31.35 -0.81 0.00	28.13 -0.56 0.00	23.72 -0.57 0.00
RUSSELL____3 23549	32.56 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.75 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.24 -1.16 0.00	28.19 -0.98 0.00	26.33 -0.68 0.00	26.81 -0.75 0.00	27.21 -0.70 0.00	35.69 -1.18 -0.28	33.93 -1.03 -0.02	32.93 -0.76 0.00	47.08 -0.90 0.00	48.86 -1.33 0.00	38.06 -0.96 0.00	33.10 -0.65 0.00	31.81 -0.89 0.00	31.35 -0.81 0.00	28.13 -0.56 0.00	23.72 -0.57 0.00
RUSSELL____4 23556	32.56 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.75 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.24 -1.16 0.00	28.19 -0.98 0.00	26.33 -0.68 0.00	26.81 -0.75 0.00	27.21 -0.70 0.00	35.69 -1.18 -0.28	33.93 -1.03 -0.02	32.93 -0.76 0.00	47.08 -0.90 0.00	48.86 -1.33 0.00	38.06 -0.96 0.00	33.10 -0.65 0.00	31.81 -0.89 0.00	31.35 -0.81 0.00	28.13 -0.56 0.00	23.72 -0.57 0.00
RUSSELL____STATION 23914	32.56 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.75 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.24 -1.16 0.00	28.19 -0.98 0.00	26.33 -0.68 0.00	26.81 -0.75 0.00	27.21 -0.70 0.00	35.69 -1.18 -0.28	33.93 -1.03 -0.02	32.93 -0.76 0.00	47.08 -0.90 0.00	48.86 -1.33 0.00	38.06 -0.96 0.00	33.10 -0.65 0.00	31.81 -0.89 0.00	31.35 -0.81 0.00	28.13 -0.56 0.00	23.72 -0.57 0.00
S SALMON____HYD 24043	34.52 -0.99 -2.34	29.07 -0.85 -0.33	16.92 -0.54 0.00	25.87 -0.86 0.00	23.87 -0.80 0.00	25.47 -0.71 -0.55	31.91 -0.75 -1.60	32.26 -0.78 -0.12	29.61 -0.80 -1.01	28.40 -0.86 -0.09	23.10 -0.82 3.09	28.07 -0.83 -1.34	17.64 -0.92 9.35	18.90 -1.16 16.53	16.95 -1.14 16.86	36.30 -1.10 -3.71	53.71 -1.44 -7.17	56.10 -1.40 -7.31	42.73 -1.01 -4.72	35.13 -0.75 -2.13	32.75 -0.54 -0.60	31.64 -0.53 0.00	28.20 -0.49 0.00	23.78 -0.51 0.00
S.PERRY__115KV_TB1 80734	33.22 0.05 0.00	29.68 0.10 0.00	17.36 -0.09 0.00	26.51 -0.22 0.00	24.48 -0.19 0.00	25.60 -0.04 0.00	31.17 0.11 0.00	32.83 -0.11 -0.03	28.84 -0.80 -0.25	28.50 -0.69 -0.02	26.85 -0.48 -0.32	27.22 -0.69 -0.36	27.17 -1.11 -0.37	35.05 -1.89 -0.35	34.13 -1.66 -0.84	33.25 -1.38 -0.94	47.94 -1.85 -1.81	49.80 -2.23 -1.84	38.51 -1.70 -1.19	33.39 -0.91 -0.54	31.99 -0.85 -0.15	32.15 -0.02 0.00	29.01 0.32 0.00	24.40 0.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.39 -1.78 0.00	27.93 -1.65 0.00	16.31 -1.14 0.00	24.90 -1.83 0.00	23.02 -1.65 0.00	24.07 -1.57 0.00	29.18 -1.88 0.00	30.77 -2.17 -0.02	27.04 -2.49 -0.13	26.91 -2.27 -0.01	25.33 -1.85 -0.16	25.74 -2.01 -0.19	26.14 -1.96 -0.19	31.75 -2.96 1.89	32.60 -2.68 -0.33	31.95 -2.22 -0.49	46.00 -2.92 -0.94	47.41 -3.74 -0.96	36.74 -2.90 -0.62	31.85 -2.18 -0.28	30.37 -2.40 -0.08	29.92 -2.24 0.00	27.07 -1.61 0.00	22.87 -1.42 0.00
SAWYER____23_KV_LOAD 55526	31.39 -1.78 0.00	27.93 -1.65 0.00	16.31 -1.14 0.00	24.90 -1.83 0.00	23.02 -1.65 0.00	24.07 -1.57 0.00	29.18 -1.88 0.00	30.77 -2.17 -0.02	27.04 -2.49 -0.13	26.91 -2.27 -0.01	25.33 -1.85 -0.16	25.74 -2.01 -0.19	26.14 -1.96 -0.19	31.75 -2.96 1.89	32.60 -2.68 -0.33	31.95 -2.22 -0.49	46.00 -2.92 -0.94	47.41 -3.74 -0.96	36.74 -2.90 -0.62	31.85 -2.18 -0.28	30.37 -2.40 -0.08	29.92 -2.24 0.00	27.07 -1.61 0.00	22.87 -1.42 0.00

SELKIRK___I 23801	34.49 1.22 -0.10	30.77 1.14 -0.04	22.36 0.70 -4.21	27.81 1.08 0.00	25.69 1.02 0.00	26.65 1.01 0.00	32.25 1.19 0.00	34.32 1.23 -0.18	34.33 1.07 -3.87	31.66 0.94 -1.55	27.80 0.78 0.00	28.31 0.75 0.00	28.65 0.74 0.00	37.49 0.90 0.00	35.81 0.86 0.00	34.45 0.76 0.00	49.17 1.18 0.00	51.55 1.36 0.00	40.21 1.19 0.00	34.89 1.14 0.00	33.86 1.16 0.00	33.26 1.10 0.00	29.64 0.95 0.00	25.19 0.90 0.00
SELKIRK___II 23799	34.35 1.07 -0.11	30.64 1.01 -0.05	22.67 0.62 -4.60	27.68 0.95 0.00	25.56 0.89 0.00	26.51 0.87 0.00	32.10 1.04 0.00	34.24 1.13 -0.19	34.65 1.05 -4.21	31.86 1.00 -1.69	27.91 0.89 0.00	28.46 0.90 0.00	28.81 0.91 0.00	37.68 1.09 0.00	35.98 1.03 0.00	34.61 0.92 0.00	49.34 1.35 0.00	51.69 1.50 0.00	40.22 1.20 0.00	34.80 1.04 0.00	33.78 1.08 0.00	33.16 1.00 0.00	29.54 0.85 0.00	25.11 0.82 0.00
SENECA OSWGO___HYD 24041	35.69 -0.69 -3.20	29.38 -0.67 -0.46	17.04 -0.42 0.00	26.05 -0.68 0.00	24.05 -0.62 0.00	25.78 -0.62 -0.77	32.62 -0.69 -2.25	32.40 -0.70 -0.18	30.13 -0.71 -1.46	28.61 -0.69 -0.13	26.89 -0.57 -0.44	28.99 -0.60 -2.03	26.04 -0.59 1.28	35.46 -0.80 0.33	33.06 -0.71 1.18	38.40 -0.66 -5.37	57.48 -0.86 -10.35	59.76 -0.97 -10.54	45.08 -0.75 -6.81	36.21 -0.62 -3.07	32.91 -0.65 -0.87	31.53 -0.63 0.00	28.13 -0.56 0.00	23.76 -0.53 0.00
SENECA___115KV_TB3 355854	31.87 -1.30 0.00	28.32 -1.26 0.00	16.54 -0.91 0.00	25.25 -1.48 0.00	23.34 -1.33 0.00	24.40 -1.24 0.00	29.60 -1.47 0.00	31.25 -1.69 -0.02	27.56 -2.01 -0.17	27.39 -1.79 -0.02	25.81 -1.42 -0.21	26.23 -1.56 -0.24	26.62 -1.54 -0.25	32.79 -2.34 1.46	33.36 -2.07 -0.48	32.65 -1.67 -0.64	47.05 -2.16 -1.22	49.96 -2.88 -2.64	37.56 -2.27 -0.81	32.49 -1.63 -0.36	30.92 -1.88 -0.10	30.45 -1.72 0.00	27.51 -1.18 0.00	23.20 -1.09 0.00
SENECA___ENERGY 23797	34.04 -0.42 -1.28	29.33 -0.45 -0.18	17.13 -0.33 0.00	26.16 -0.57 0.00	24.14 -0.52 0.00	25.45 -0.50 -0.30	31.43 -0.52 -0.90	32.57 -0.45 -0.10	29.66 -0.55 -0.82	28.69 -0.55 -0.07	26.85 -0.41 -0.25	28.21 -0.48 -1.14	26.76 -0.44 0.71	35.64 -0.77 0.18	33.64 -0.65 0.66	36.23 -0.46 -3.01	53.18 -0.60 -5.80	55.47 -0.63 -5.91	42.32 -0.52 -3.82	35.16 -0.32 -1.72	32.73 -0.46 -0.49	31.68 -0.48 0.00	28.33 -0.36 0.00	23.88 -0.41 0.00
SHOEMAKER___GT 23640	34.05 1.75 0.87	30.79 1.55 0.35	-16.73 0.92 35.10	28.10 1.36 0.00	25.93 1.27 0.00	26.95 1.31 0.00	32.73 1.67 0.00	33.72 1.87 1.07	7.52 1.76 23.63	21.48 1.78 9.48	28.72 1.71 0.00	29.32 1.76 0.00	29.70 1.79 0.00	38.78 2.26 0.07	37.29 2.34 0.00	35.89 2.20 0.00	50.98 2.99 0.00	53.46 3.26 0.00	41.38 2.36 0.00	35.69 1.93 0.00	34.66 1.97 0.00	34.09 1.93 0.00	30.36 1.67 0.00	25.69 1.41 0.00
SHOEMAKR_138KV_BK 111 55601	34.12 1.75 0.81	30.81 1.54 0.32	-14.16 0.92 32.54	28.10 1.36 0.00	25.94 1.27 0.00	26.95 1.31 0.00	32.72 1.66 0.00	33.77 1.87 1.02	8.68 1.76 22.46	21.95 1.79 9.01	28.75 1.73 0.00	29.33 1.78 0.00	29.72 1.81 0.00	38.80 2.28 0.07	37.31 2.36 0.00	35.93 2.24 0.00	51.02 3.03 0.00	53.50 3.31 0.00	41.39 2.37 0.00	35.68 1.92 0.00	34.65 1.95 0.00	34.09 1.92 0.00	30.35 1.66 0.00	25.69 1.40 0.00
SHOREHAM_IC_1 23715	38.78 3.45 -2.15	38.84 2.97 -6.29	83.26 1.78 -64.03	35.80 2.66 -6.41	84.01 2.44 -56.90	49.53 2.48 -21.41	34.12 3.06 0.00	37.58 3.44 -1.22	60.38 3.12 -27.87	56.88 3.42 -24.29	86.63 3.44 -56.17	60.50 3.53 -29.41	73.90 3.69 -42.30	114.82 4.83 -73.40	148.58 4.69 -108.94	201.87 4.41 -163.77	186.77 5.99 -132.79	300.22 6.47 -243.55	152.42 4.71 -108.70	75.20 3.69 -37.75	161.89 3.81 -125.38	104.42 3.81 -68.45	31.81 3.12 0.00	43.88 2.60 -16.99
SHOREHAM_IC_2 23716	38.78 3.45 -2.15	38.84 2.97 -6.29	83.26 1.78 -64.03	35.80 2.66 -6.41	84.01 2.44 -56.90	49.53 2.48 -21.41	34.12 3.06 0.00	37.58 3.44 -1.22	60.38 3.12 -27.87	56.88 3.42 -24.29	86.63 3.44 -56.17	60.50 3.53 -29.41	73.90 3.69 -42.30	114.82 4.83 -73.40	148.58 4.69 -108.94	201.87 4.41 -163.77	186.77 5.99 -132.79	300.22 6.47 -243.55	152.42 4.71 -108.70	75.20 3.69 -37.75	161.89 3.81 -125.38	104.42 3.81 -68.45	31.81 3.12 0.00	43.88 2.60 -16.99
SISSONVILLE____ 23735	31.84 -1.72 -0.39	28.07 -1.57 -0.05	16.52 -0.93 0.00	25.33 -1.40 0.00	23.35 -1.32 0.00	24.41 -1.30 -0.07	29.68 -1.60 -0.21	31.16 -1.78 -0.02	27.96 -1.57 -0.13	27.51 -1.67 -0.01	-15.25 -1.69 40.58	25.29 -1.70 0.57	-75.07 -1.78 101.21	-158.26 -2.18 192.68	-158.25 -2.27 190.93	32.06 -2.12 -0.49	45.83 -3.17 -1.02	48.03 -3.20 -1.04	37.30 -2.39 -0.67	32.04 -2.02 -0.30	31.15 -1.63 -0.08	30.56 -1.60 0.00	27.25 -1.44 0.00	23.04 -1.25 0.00
SITHE_IND_GS1 24169	22.89 -1.10 9.18	27.24 -1.00 1.34	16.85 -0.61 0.00	25.78 -0.95 0.00	23.80 -0.87 0.00	22.51 -0.91 2.23	23.48 -1.06 6.53	31.32 -1.07 0.53	24.09 -1.02 4.28	27.80 -0.99 0.38	20.80 -0.88 5.33	20.62 -0.90 6.04	20.73 -0.91 6.26	19.50 -1.25 15.84	19.14 -1.15 14.67	16.86 -1.08 15.75	16.10 -1.50 30.38	17.62 -1.63 30.94	17.76 -1.26 20.00	23.63 -1.12 9.01	29.02 -1.14 2.54	31.05 -1.11 0.01	27.73 -0.96 0.00	23.45 -0.84 0.00
SITHE_IND_GS2 24170	22.89 -1.10 9.18	27.24 -1.00 1.34	16.85 -0.61 0.00	25.78 -0.95 0.00	23.80 -0.87 0.00	22.51 -0.91 2.23	23.48 -1.06 6.53	31.32 -1.07 0.53	24.09 -1.02 4.28	27.80 -0.99 0.38	20.80 -0.88 5.33	20.62 -0.90 6.04	20.73 -0.91 6.26	19.50 -1.25 15.84	19.14 -1.15 14.67	16.86 -1.08 15.75	16.10 -1.50 30.38	17.62 -1.63 30.94	17.76 -1.26 20.00	23.63 -1.12 9.01	29.02 -1.14 2.54	31.05 -1.11 0.01	27.73 -0.96 0.00	23.45 -0.84 0.00
SITHE_IND_GS3 24171	22.89 -1.10 9.18	27.24 -1.00 1.34	16.85 -0.61 0.00	25.78 -0.95 0.00	23.80 -0.87 0.00	22.51 -0.91 2.23	23.48 -1.06 6.53	31.32 -1.07 0.53	24.09 -1.02 4.28	27.80 -0.99 0.38	20.80 -0.88 5.33	20.62 -0.90 6.04	20.73 -0.91 6.26	19.50 -1.25 15.84	19.14 -1.15 14.67	16.86 -1.08 15.75	16.10 -1.50 30.38	17.62 -1.63 30.94	17.76 -1.26 20.00	23.63 -1.12 9.01	29.02 -1.14 2.54	31.05 -1.11 0.01	27.73 -0.96 0.00	23.45 -0.84 0.00
SITHE_IND_GS4 24172	22.89 -1.10 9.18	27.24 -1.00 1.34	16.85 -0.61 0.00	25.78 -0.95 0.00	23.80 -0.87 0.00	22.51 -0.91 2.23	23.48 -1.06 6.53	31.32 -1.07 0.53	24.09 -1.02 4.28	27.80 -0.99 0.38	20.80 -0.88 5.33	20.62 -0.90 6.04	20.73 -0.91 6.26	19.50 -1.25 15.84	19.14 -1.15 14.67	16.86 -1.08 15.75	16.10 -1.50 30.38	17.62 -1.63 30.94	17.76 -1.26 20.00	23.63 -1.12 9.01	29.02 -1.14 2.54	31.05 -1.11 0.01	27.73 -0.96 0.00	23.45 -0.84 0.00
SITHE___BATAVIA 24024	32.55 -0.63 0.00	28.94 -0.65 0.00	16.89 -0.56 0.00	25.78 -0.95 0.00	23.84 -0.83 0.00	24.93 -0.71 0.00	30.25 -0.81 0.00	31.92 -1.00 0.00	27.96 -1.43 0.00	27.88 -1.29 0.00	26.07 -0.94 0.00	26.54 -1.02 0.00	26.89 -1.01 0.00	33.82 -1.72 1.05	33.45 -1.45 0.05	32.63 -1.06 0.00	46.62 -1.37 0.00	49.50 -2.00 -1.31	37.54 -1.48 -0.01	32.95 -0.80 0.00	31.66 -1.04 0.00	31.23 -0.93 0.00	28.15 -0.54 0.00	23.70 -0.59 0.00

SITHE___INDEPEND 23800	22.89 -1.10 9.18	27.24 -1.00 1.34	16.85 -0.61 0.00	25.78 -0.96 0.00	23.80 -0.87 0.00	22.51 -0.91 2.23	23.48 -1.06 6.53	31.32 -1.07 0.53	24.08 -1.03 4.28	27.80 -0.99 0.38	20.80 -0.88 5.33	20.61 -0.91 6.04	20.73 -0.92 6.26	19.51 -1.24 15.84	19.13 -1.15 14.67	16.86 -1.08 15.75	16.10 -1.50 30.38	17.62 -1.63 30.94	17.77 -1.25 20.00	23.63 -1.12 9.01	29.02 -1.14 2.54	31.05 -1.10 0.01	27.73 -0.96 0.00	23.45 -0.84 0.00
SITHE___MASSENA 23902	32.48 -0.69 0.00	28.94 -0.65 0.00	17.06 -0.39 0.00	26.15 -0.58 0.00	24.13 -0.54 0.00	25.10 -0.54 0.00	30.33 -0.72 0.00	32.05 -0.87 0.00	28.64 -0.75 0.00	28.39 -0.78 0.00	-33.48 -0.80 59.70	25.64 -0.81 1.11	-121.49 -0.83 148.57	-241.97 -0.99 277.58	-244.66 -1.07 278.55	32.77 -0.92 0.00	46.71 -1.28 0.00	48.87 -1.32 0.00	38.01 -1.01 0.00	32.91 -0.84 0.00	32.06 -0.63 0.00	31.55 -0.61 0.00	28.15 -0.53 0.00	23.83 -0.46 0.00
SITHE___OGDNSBRG 24021	33.36 -0.08 -0.28	29.42 -0.16 0.00	17.33 -0.13 0.00	26.54 -0.19 0.00	24.49 -0.18 0.00	25.51 -0.13 0.00	30.84 -0.22 0.00	32.39 -0.53 0.00	28.78 -0.61 0.00	28.61 -0.56 0.00	-23.64 -0.69 49.96	25.88 -0.75 0.92	-97.17 -0.75 124.34	-198.51 -0.88 234.21	-199.77 -0.95 233.77	32.82 -0.87 0.00	47.25 -0.74 0.00	49.82 -0.37 0.00	38.58 -0.44 0.00	33.67 -0.08 0.00	33.13 0.43 0.00	32.65 0.49 0.00	29.09 0.40 0.00	24.53 0.24 0.00
SITHE___STERLING 23777	34.68 0.85 -0.66	30.38 0.71 -0.08	17.83 0.37 0.00	27.29 0.56 0.00	25.17 0.50 0.00	26.36 0.59 -0.12	32.25 0.82 -0.37	33.79 0.85 -0.03	30.26 0.66 -0.21	29.86 0.67 -0.02	25.54 0.61 2.09	28.44 0.63 -0.25	22.97 0.59 5.53	28.22 0.69 9.06	25.84 0.75 9.86	35.11 0.66 -0.76	50.48 1.02 -1.47	52.87 1.18 -1.49	40.99 1.01 -0.97	35.19 0.99 -0.43	33.80 0.98 -0.12	33.16 0.99 0.00	29.52 0.83 0.00	24.91 0.62 0.00
SLEIGHT___34_KV_TB1 80719	32.88 -0.66 -0.37	28.97 -0.67 -0.05	16.98 -0.48 0.00	25.94 -0.79 0.00	23.96 -0.71 0.00	25.05 -0.67 -0.08	30.56 -0.75 -0.25	32.15 -0.79 -0.03	28.69 -0.94 -0.24	28.36 -0.83 -0.02	26.69 -0.62 -0.30	27.23 -0.67 -0.34	27.64 -0.62 -0.35	36.69 -1.02 -1.12	34.87 -0.91 -0.83	33.88 -0.70 -0.88	48.83 -0.86 -1.70	50.79 -1.13 -1.73	39.33 -0.81 -1.12	33.70 -0.56 -0.50	32.09 -0.75 -0.14	31.42 -0.75 0.00	28.13 -0.56 0.00	23.71 -0.58 0.00
SOUTH CAIRO___GT 23612	35.69 2.51 0.00	31.82 2.23 0.00	18.77 1.31 0.00	28.76 2.03 0.00	26.55 1.89 0.00	27.56 1.92 0.00	33.38 2.32 0.00	35.29 2.37 0.00	31.50 2.11 0.00	30.97 1.80 0.00	28.41 1.39 0.00	28.95 1.39 0.00	29.32 1.42 0.00	38.34 1.80 0.05	36.76 1.82 0.00	35.36 1.68 0.00	50.65 2.66 0.00	53.21 3.02 0.00	41.80 2.78 0.00	36.43 2.67 0.00	35.31 2.62 0.00	34.60 2.44 0.00	30.69 2.00 0.00	26.04 1.76 0.00
SOUTH HAMPTN___IC 23720	39.27 3.95 -2.15	39.18 3.31 -6.29	83.50 2.02 -64.03	36.24 3.10 -6.41	84.50 2.93 -56.90	49.99 2.94 -21.41	34.58 3.52 0.00	38.16 4.02 -1.22	60.97 3.71 -27.87	57.45 4.07 -24.21	86.38 4.12 -55.25	61.16 4.20 -29.40	74.10 4.35 -41.85	113.68 5.71 -71.38	146.92 5.62 -106.35	196.86 5.31 -157.85	182.54 7.29 -127.27	288.85 7.79 -230.87	143.29 5.62 -98.65	73.16 4.34 -35.07	157.24 4.45 -120.10	102.37 4.44 -65.77	32.42 3.73 0.00	44.31 3.03 -16.99
SOUTHDOW___115KV_TB1 355954	32.94 -0.24 0.00	29.20 -0.39 0.00	17.05 -0.41 0.00	26.06 -0.67 0.00	24.05 -0.62 0.00	25.16 -0.48 0.00	30.71 -0.35 0.00	32.64 -0.30 -0.03	28.99 -0.64 -0.24	28.73 -0.46 -0.02	27.16 -0.15 -0.30	27.65 -0.25 -0.34	27.92 -0.34 -0.35	34.91 -0.64 1.04	35.31 -0.37 -0.73	34.39 -0.19 -0.89	49.64 -0.07 -1.72	52.31 -0.50 -2.62	39.61 -0.55 -1.14	34.02 -0.25 -0.51	32.25 -0.59 -0.14	31.77 -0.40 0.00	28.63 -0.06 0.00	24.03 -0.27 0.00
SOUTHOLD_69_KV_BK 2 55809	39.62 4.30 -2.15	39.32 3.45 -6.29	83.68 2.20 -64.02	36.65 3.51 -6.41	85.05 3.48 -56.90	50.47 3.43 -21.40	34.93 3.87 0.00	38.68 4.54 -1.22	61.26 3.99 -27.87	57.64 4.27 -24.21	86.70 4.44 -55.25	61.46 4.50 -29.40	74.33 4.57 -41.85	114.05 6.06 -71.40	147.35 6.02 -106.38	197.32 5.70 -157.93	183.16 7.84 -127.34	289.61 8.35 -231.06	143.74 5.87 -98.85	73.19 4.32 -35.11	157.78 4.91 -120.17	103.04 5.08 -65.80	33.06 4.37 0.00	44.68 3.41 -16.98
SOUTHOLD___IC 23719	39.62 4.30 -2.15	39.32 3.45 -6.29	83.68 2.20 -64.03	36.65 3.51 -6.41	85.06 3.48 -56.90	50.48 3.43 -21.41	34.93 3.87 0.00	38.68 4.55 -1.22	61.26 3.99 -27.87	57.65 4.27 -24.21	86.70 4.43 -55.26	61.46 4.49 -29.40	74.33 4.57 -41.85	114.07 6.07 -71.40	147.36 6.03 -106.38	197.31 5.69 -157.93	183.16 7.84 -127.34	289.61 8.35 -231.06	143.74 5.87 -98.85	73.19 4.31 -35.11	157.78 4.91 -120.17	103.04 5.08 -65.80	33.06 4.37 0.00	44.68 3.41 -16.99
SOUTH_FORK_WT_PWR 323839	39.38 4.05 -2.15	39.01 3.13 -6.29	83.59 2.11 -64.03	36.62 3.47 -6.41	85.11 3.54 -56.90	50.47 3.42 -21.41	34.76 3.70 0.00	38.57 4.43 -1.22	61.49 4.22 -27.87	58.03 4.65 -24.21	87.12 4.86 -55.25	61.86 4.90 -29.40	74.71 4.95 -41.85	114.56 6.58 -71.39	147.86 6.55 -106.37	197.72 6.14 -157.89	183.70 8.42 -127.30	290.10 8.94 -230.96	143.98 6.22 -98.75	73.31 4.47 -35.09	157.62 4.80 -120.13	102.92 4.98 -65.78	33.04 4.35 0.00	44.58 3.30 -16.99
SPIERFLS_115KV_TB 1 80737	35.26 1.98 -0.11	31.25 1.62 -0.04	22.74 0.84 -4.44	28.09 1.36 0.00	25.99 1.32 0.00	27.01 1.37 0.00	32.90 1.84 0.00	35.11 2.00 -0.18	35.22 1.75 -4.07	32.43 1.63 -1.63	28.21 1.20 0.00	28.81 1.25 0.00	29.13 1.22 0.00	38.11 1.52 0.00	36.34 1.39 0.00	35.02 1.33 0.00	49.98 1.99 0.00	52.60 2.41 0.00	41.35 2.34 0.00	35.74 1.98 0.00	34.87 2.18 0.00	34.10 1.93 0.00	30.09 1.40 0.00	25.69 1.40 0.00
ST LAWRENCE____ 23600	32.47 -0.70 0.00	28.93 -0.66 0.00	17.07 -0.38 0.00	26.17 -0.56 0.00	24.15 -0.52 0.00	25.10 -0.54 0.00	30.34 -0.71 0.00	32.09 -0.83 0.00	28.67 -0.71 0.00	28.42 -0.75 0.00	31.08 -0.77 -4.83	26.88 -0.77 -0.09	39.14 -0.79 -12.03	27.66 -0.89 8.04	46.18 -0.99 -12.22	32.79 -0.90 0.00	46.73 -1.26 0.00	48.86 -1.34 0.00	38.04 -0.98 0.00	32.97 -0.79 0.00	32.04 -0.66 0.00	31.52 -0.64 0.00	28.15 -0.54 0.00	23.82 -0.47 0.00
STATE_CA_115KV_115_LB 55624	34.48 1.19 -0.12	30.78 1.14 -0.05	22.89 0.69 -4.74	27.80 1.06 0.00	25.68 1.01 0.00	26.61 0.97 0.00	32.22 1.16 0.00	34.41 1.29 -0.20	34.93 1.20 -4.34	32.07 1.15 -1.74	28.05 1.03 0.00	28.60 1.05 0.00	28.97 1.07 0.00	37.88 1.30 0.00	36.17 1.22 0.00	34.78 1.09 0.00	49.60 1.61 0.00	52.00 1.81 0.00	40.44 1.42 0.00	34.98 1.22 0.00	33.94 1.25 0.00	33.28 1.12 0.00	29.62 0.93 0.00	25.18 0.89 0.00
STATE_ST_34_KV_LOAD 55959	34.71 0.05 -1.49	29.85 0.05 -0.21	17.46 0.00 0.00	26.68 -0.05 0.00	24.62 -0.06 0.00	25.90 -0.09 -0.36	32.04 -0.06 -1.04	33.07 0.04 -0.12	30.27 -0.07 -0.95	29.20 -0.05 -0.08	27.38 -0.02 -0.38	28.83 -0.05 -1.32	27.34 0.03 0.60	36.70 -0.06 -0.17	34.56 -0.04 0.35	37.19 0.02 -3.48	54.80 0.09 -6.72	57.15 0.11 -6.84	43.56 0.12 -4.42	35.97 0.22 -1.99	33.36 0.10 -0.56	32.18 0.01 0.00	28.78 0.09 0.00	24.27 -0.02 0.00

STATION 5_MISC_HYD 23604	32.37 -0.81 0.00	28.79 -0.80 0.00	16.86 -0.60 0.00	25.75 -0.98 0.00	23.80 -0.86 0.00	24.83 -0.81 0.00	30.12 -0.94 0.00	31.85 -1.08 0.00	28.11 -1.28 0.00	28.05 -1.13 0.00	26.18 -0.83 0.00	26.66 -0.89 0.00	27.04 -0.87 0.00	35.42 -1.45 -0.28	33.72 -1.25 -0.02	32.72 -0.97 0.00	46.77 -1.22 0.00	48.53 -1.66 0.00	37.78 -1.24 0.00	32.87 -0.89 0.00	31.59 -1.10 0.00	31.14 -1.02 0.00	27.96 -0.72 0.00	23.59 -0.70 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.19 -0.38 -0.39	29.21 -0.43 -0.06	17.10 -0.36 0.00	26.12 -0.61 0.00	24.13 -0.54 0.00	25.26 -0.46 -0.09	30.83 -0.50 -0.27	32.44 -0.51 -0.03	28.96 -0.68 -0.26	28.61 -0.58 -0.02	26.94 -0.39 -0.32	27.45 -0.47 -0.36	27.88 -0.40 -0.37	36.97 -0.75 -1.13	35.20 -0.63 -0.89	34.20 -0.43 -0.94	49.33 -0.47 -1.81	51.31 -0.73 -1.85	39.72 -0.49 -1.19	34.03 -0.27 -0.54	32.36 -0.49 -0.15	31.70 -0.46 0.00	28.39 -0.30 0.00	23.92 -0.36 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.24 -0.93 0.00	28.67 -0.91 0.00	16.80 -0.66 0.00	25.66 -1.07 0.00	23.72 -0.95 0.00	24.73 -0.91 0.00	30.01 -1.05 0.00	31.74 -1.17 0.00	28.03 -1.36 0.00	27.98 -1.19 0.00	26.11 -0.91 0.00	26.58 -0.98 0.00	26.97 -0.94 0.00	35.36 -1.49 -0.26	33.63 -1.34 -0.01	32.63 -1.06 0.00	46.67 -1.32 0.00	48.45 -1.75 0.00	37.71 -1.31 0.00	32.77 -0.98 0.00	31.52 -1.18 0.00	31.06 -1.10 0.00	27.87 -0.82 0.00	23.50 -0.78 0.00
STA_56____34_KV_BUS2 355983	32.24 -0.93 0.00	28.67 -0.91 0.00	16.80 -0.66 0.00	25.66 -1.07 0.00	23.72 -0.95 0.00	24.73 -0.91 0.00	30.01 -1.05 0.00	31.74 -1.17 0.00	28.03 -1.36 0.00	27.98 -1.19 0.00	26.11 -0.91 0.00	26.58 -0.98 0.00	26.97 -0.94 0.00	35.36 -1.49 -0.26	33.63 -1.34 -0.01	32.63 -1.06 0.00	46.67 -1.32 0.00	48.45 -1.75 0.00	37.71 -1.31 0.00	32.77 -0.98 0.00	31.52 -1.18 0.00	31.06 -1.10 0.00	27.87 -0.82 0.00	23.50 -0.78 0.00
STA_67____115KV_BK2 355882	32.29 -0.89 0.00	28.72 -0.87 0.00	16.82 -0.64 0.00	25.69 -1.04 0.00	23.75 -0.92 0.00	24.78 -0.86 0.00	30.05 -1.01 0.00	31.77 -1.15 0.00	28.01 -1.37 0.00	27.96 -1.21 0.00	26.10 -0.91 0.00	26.56 -0.99 0.00	26.96 -0.95 0.00	35.36 -1.53 -0.29	33.60 -1.37 -0.02	32.62 -1.07 0.00	46.63 -1.36 0.00	48.38 -1.82 0.00	37.64 -1.38 0.00	32.74 -1.02 0.00	31.50 -1.19 0.00	31.06 -1.10 0.00	27.89 -0.80 0.00	23.53 -0.76 0.00
STA_7____115KV_9TRANS 80674	32.56 -0.61 0.00	28.95 -0.64 0.00	16.94 -0.51 0.00	25.88 -0.85 0.00	23.92 -0.75 0.00	24.96 -0.68 0.00	30.27 -0.79 0.00	32.01 -0.91 0.00	28.24 -1.16 0.00	28.19 -0.98 0.00	26.33 -0.68 0.00	26.81 -0.75 0.00	27.21 -0.70 0.00	35.69 -1.18 -0.28	33.93 -1.03 -0.02	32.93 -0.76 0.00	47.08 -0.90 0.00	48.86 -1.33 0.00	38.06 -0.96 0.00	33.10 -0.65 0.00	31.81 -0.89 0.00	31.35 -0.81 0.00	28.13 -0.56 0.00	23.72 -0.57 0.00
STA_82____115KV_TB1 80780	32.29 -0.88 0.00	28.73 -0.86 0.00	16.83 -0.63 0.00	25.71 -1.03 0.00	23.76 -0.91 0.00	24.78 -0.85 0.00	30.07 -0.99 0.00	31.78 -1.14 0.00	28.03 -1.36 0.00	27.97 -1.20 0.00	26.10 -0.91 0.00	26.57 -0.98 0.00	26.96 -0.94 0.00	35.32 -1.51 -0.24	33.60 -1.36 -0.01	32.62 -1.07 0.00	46.64 -1.35 0.00	48.40 -1.79 0.00	37.67 -1.35 0.00	32.77 -0.99 0.00	31.51 -1.18 0.00	31.07 -1.09 0.00	27.90 -0.79 0.00	23.54 -0.75 0.00
STEEL____WIND 323596	31.84 -1.33 0.00	28.30 -1.29 0.00	16.53 -0.93 0.00	25.24 -1.50 0.00	23.32 -1.35 0.00	24.37 -1.27 0.00	29.57 -1.49 0.00	31.22 -1.72 -0.02	27.56 -2.00 -0.17	27.38 -1.80 -0.02	25.78 -1.45 -0.21	26.23 -1.57 -0.24	26.59 -1.56 -0.25	32.68 -2.45 1.46	33.34 -2.09 -0.48	32.61 -1.71 -0.64	47.00 -2.21 -1.22	49.91 -2.93 -2.64	37.53 -2.30 -0.81	32.47 -1.65 -0.36	30.90 -1.90 -0.10	30.42 -1.75 0.00	27.49 -1.20 0.00	23.17 -1.11 0.00
STEPHTWN_115KV_BK_2 55603	34.68 1.39 -0.12	30.91 1.27 -0.05	23.06 0.81 -4.79	27.95 1.22 0.00	25.81 1.15 0.00	26.73 1.09 0.00	32.43 1.37 0.00	34.56 1.44 -0.20	35.16 1.37 -4.40	32.20 1.27 -1.76	28.18 1.17 0.00	28.74 1.18 0.00	29.10 1.19 0.00	38.09 1.51 0.00	36.33 1.38 0.00	34.98 1.29 0.00	50.05 2.06 0.00	52.35 2.16 0.00	40.81 1.79 0.00	35.27 1.52 0.00	34.16 1.46 0.00	33.54 1.38 0.00	29.82 1.13 0.00	25.36 1.07 0.00
STEUBEN_REC_LFGE 323667	33.46 -0.20 -0.49	29.22 -0.43 -0.07	17.05 -0.40 0.00	25.97 -0.76 0.00	23.95 -0.72 0.00	25.20 -0.55 -0.11	31.03 -0.36 -0.34	32.56 -0.43 -0.07	29.17 -0.76 -0.55	28.59 -0.63 -0.05	27.20 -0.50 -0.68	27.61 -0.72 -0.77	27.99 -0.71 -0.80	36.52 -1.17 -1.10	35.78 -0.99 -1.82	35.01 -0.69 -2.01	51.10 -0.76 -3.88	53.15 -0.99 -3.95	40.73 -0.84 -2.55	34.55 -0.36 -1.15	32.55 -0.47 -0.33	31.87 -0.30 0.00	28.63 -0.05 0.00	24.12 -0.17 0.00
STILLWATER____SOLAR 323814	35.27 1.99 -0.11	31.35 1.72 -0.05	22.97 0.95 -4.56	28.24 1.50 0.00	26.09 1.42 0.00	27.10 1.46 0.00	32.94 1.88 0.00	35.11 2.00 -0.19	35.31 1.74 -4.18	32.49 1.64 -1.67	28.38 1.37 0.00	28.94 1.38 0.00	29.29 1.38 0.00	38.34 1.75 0.00	36.57 1.62 0.00	35.22 1.53 0.00	50.25 2.26 0.00	52.80 2.61 0.00	41.30 2.28 0.00	35.78 2.02 0.00	34.78 2.08 0.00	34.06 1.89 0.00	30.23 1.54 0.00	25.72 1.43 0.00
STONY____BROOK 24151	38.92 3.59 -2.15	39.04 3.16 -6.29	83.37 1.88 -64.03	35.92 2.78 -6.41	84.10 2.52 -56.90	49.63 2.59 -21.41	34.28 3.22 0.00	37.70 3.56 -1.22	60.38 3.12 -27.87	57.32 3.42 -24.73	91.81 3.55 -61.24	60.62 3.61 -29.45	76.39 3.68 -44.81	125.62 4.59 -84.44	163.42 4.49 -123.98	234.01 4.24 -196.09	216.78 5.80 -162.99	365.83 6.04 -309.60	200.14 4.41 -156.70	88.29 3.48 -51.06	190.42 3.52 -154.20	118.78 3.53 -83.09	31.70 3.01 0.00	43.96 2.69 -16.99
STURGEON_POOL_HYD 23609	35.43 2.26 0.00	31.58 1.99 0.00	18.62 1.16 0.00	28.45 1.72 0.00	26.27 1.60 0.00	27.29 1.65 0.00	33.17 2.11 0.00	35.31 2.39 0.00	31.68 2.29 0.00	31.57 2.40 0.00	29.38 2.37 0.00	30.02 2.47 0.00	30.40 2.50 0.00	39.69 3.16 0.06	38.18 3.24 0.00	36.79 3.10 0.00	52.17 4.19 0.00	54.68 4.49 0.00	42.16 3.14 0.00	36.24 2.48 0.00	35.31 2.61 0.00	34.75 2.59 0.00	30.96 2.27 0.00	26.16 1.87 0.00
ST_LAW_115_BK7_LBMP 345037	32.41 -0.76 0.00	28.87 -0.71 0.00	17.04 -0.42 0.00	26.12 -0.61 0.00	24.10 -0.58 0.00	25.05 -0.59 0.00	30.27 -0.79 0.00	31.99 -0.93 0.00	28.61 -0.78 0.00	28.35 -0.82 0.00	31.94 -0.84 -5.76	26.82 -0.85 -0.11	41.40 -0.85 -14.35	31.73 -0.97 3.89	50.42 -1.09 -16.55	32.71 -0.98 0.00	46.61 -1.38 0.00	48.73 -1.46 0.00	37.92 -1.10 0.00	32.87 -0.88 0.00	31.97 -0.72 0.00	31.46 -0.71 0.00	28.08 -0.61 0.00	23.77 -0.52 0.00
ST_LAW_115_BK8_LBMP 345038	32.41 -0.76 0.00	28.87 -0.71 0.00	17.04 -0.42 0.00	26.12 -0.61 0.00	24.10 -0.58 0.00	25.05 -0.59 0.00	30.27 -0.79 0.00	31.99 -0.93 0.00	28.61 -0.78 0.00	28.35 -0.82 0.00	31.94 -0.84 -5.76	26.82 -0.85 -0.11	41.40 -0.85 -14.35	31.73 -0.97 3.89	50.42 -1.09 -16.55	32.71 -0.98 0.00	46.61 -1.38 0.00	48.73 -1.46 0.00	37.92 -1.10 0.00	32.87 -0.88 0.00	31.97 -0.72 0.00	31.46 -0.71 0.00	28.08 -0.61 0.00	23.77 -0.52 0.00

ST_LAW_230_BK5_LBMP 345035	32.47 -0.70 0.00	28.93 -0.66 0.00	17.07 -0.38 0.00	26.17 -0.56 0.00	24.15 -0.52 0.00	25.10 -0.54 0.00	30.34 -0.71 0.00	32.09 -0.83 0.00	28.67 -0.71 0.00	28.42 -0.75 0.00	29.74 -0.77 -3.49	26.85 -0.77 -0.06	35.81 -0.79 -8.69	21.70 -0.89 14.00	39.94 -0.99 -5.99	32.79 -0.90 0.00	46.73 -1.26 0.00	48.86 -1.34 0.00	38.04 -0.98 0.00	32.97 -0.79 0.00	32.04 -0.66 0.00	31.52 -0.64 0.00	28.15 -0.54 0.00	23.82 -0.47 0.00
ST_LAW_230_BK6_LBMP 345036	32.47 -0.70 0.00	28.93 -0.66 0.00	17.07 -0.38 0.00	26.17 -0.56 0.00	24.15 -0.52 0.00	25.10 -0.54 0.00	30.34 -0.71 0.00	32.09 -0.83 0.00	28.67 -0.71 0.00	28.42 -0.75 0.00	29.74 -0.77 -3.49	26.85 -0.77 -0.06	35.81 -0.79 -8.69	21.70 -0.89 14.00	39.94 -0.99 -5.99	32.79 -0.90 0.00	46.73 -1.26 0.00	48.86 -1.34 0.00	38.04 -0.98 0.00	32.97 -0.79 0.00	32.04 -0.66 0.00	31.52 -0.64 0.00	28.15 -0.54 0.00	23.82 -0.47 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	34.18 2.09 1.08	31.01 1.85 0.43	-25.09 1.11 43.65	28.36 1.63 0.00	26.19 1.53 0.00	27.18 1.54 0.00	32.94 1.88 0.00	33.77 2.10 1.24	3.86 1.99 27.52	20.18 2.05 11.04	29.02 2.00 0.00	29.62 2.06 0.00	30.01 2.11 0.00	39.19 2.67 0.07	37.69 2.74 0.00	36.31 2.62 0.00	51.55 3.56 0.00	54.07 3.88 0.00	41.75 2.73 0.00	35.94 2.18 0.00	34.99 2.30 0.00	34.41 2.25 0.00	30.64 1.95 0.00	25.94 1.65 0.00
SWANROAD_115KV_TB1 355699	30.80 -2.37 0.00	27.44 -2.14 0.00	16.02 -1.44 0.00	24.45 -2.29 0.00	22.62 -2.04 0.00	23.66 -1.98 0.00	28.66 -2.40 0.00	30.16 -2.76 0.00	26.30 -3.09 0.00	26.30 -2.87 0.00	24.64 -2.38 0.00	24.98 -2.58 0.00	25.39 -2.52 0.01	30.75 -3.77 2.07	31.39 -3.45 0.11	30.77 -2.92 0.00	44.05 -3.94 0.00	46.23 -4.90 -0.94	35.26 -3.76 0.00	30.89 -2.87 0.00	29.65 -3.04 0.00	29.29 -2.88 0.00	26.58 -2.11 0.00	22.47 -1.82 0.00
SYNERGY___BIOGAS 323694	32.55 -0.63 0.00	28.94 -0.65 0.00	16.89 -0.56 0.00	25.78 -0.95 0.00	23.84 -0.83 0.00	24.93 -0.71 0.00	30.25 -0.81 0.00	31.92 -1.00 0.00	27.96 -1.43 0.00	27.88 -1.29 0.00	26.07 -0.94 0.00	26.54 -1.02 0.00	26.89 -1.01 0.00	33.82 -1.72 1.05	33.45 -1.45 0.05	32.63 -1.06 0.00	46.62 -1.37 0.00	49.50 -2.00 -1.31	37.54 -1.48 -0.01	32.95 -0.80 0.00	31.66 -1.04 0.00	31.23 -0.93 0.00	28.15 -0.54 0.00	23.70 -0.59 0.00
SYRACUSE___ENERGY_ST1 323597	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.24 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.11 -0.23 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.80 -0.21 0.58	33.65 -0.14 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.95 -0.21 0.00	28.53 -0.16 0.00	24.09 -0.20 0.00
SYRACUSE___ENERGY_ST2 323598	34.77 -0.18 -1.78	29.63 -0.22 -0.26	17.30 -0.16 0.00	26.46 -0.27 0.00	24.42 -0.26 0.00	25.82 -0.24 -0.42	32.08 -0.22 -1.25	32.87 -0.17 -0.12	30.11 -0.23 -0.94	29.06 -0.19 -0.08	27.11 -0.10 -0.20	28.77 -0.10 -1.31	26.75 -0.11 1.04	35.80 -0.21 0.58	33.65 -0.14 1.16	37.07 -0.09 -3.47	54.61 -0.08 -6.70	56.90 -0.12 -6.82	43.35 -0.08 -4.41	35.67 -0.07 -1.99	33.09 -0.17 -0.56	31.95 -0.21 0.00	28.53 -0.16 0.00	24.09 -0.20 0.00
SYRACUSE___POWER 24017	34.17 -0.22 -1.21	29.49 -0.27 -0.17	17.27 -0.19 0.00	26.41 -0.32 0.00	24.37 -0.30 0.00	25.64 -0.28 -0.29	31.62 -0.28 -0.84	32.68 -0.29 -0.05	29.42 -0.35 -0.38	28.91 -0.30 -0.03	26.24 -0.21 0.57	27.87 -0.20 -0.52	25.66 -0.22 2.03	33.34 -0.35 2.90	31.27 -0.29 3.39	34.85 -0.24 -1.40	50.39 -0.30 -2.71	52.57 -0.38 -2.76	40.53 -0.27 -1.78	34.30 -0.26 -0.80	32.57 -0.35 -0.23	31.89 -0.28 0.00	28.48 -0.21 0.00	24.04 -0.25 0.00
TALLMAN___138KV_BK151 55660	34.00 2.22 1.39	31.00 1.97 0.55	-37.41 1.19 56.05	28.48 1.75 0.00	26.31 1.64 0.00	27.29 1.65 0.00	33.11 2.05 0.00	33.52 2.29 1.69	-5.71 2.17 37.27	16.49 2.26 14.95	29.25 2.24 0.00	29.85 2.29 0.00	30.26 2.35 0.00	39.51 2.99 0.07	38.02 3.08 0.00	36.62 2.93 0.00	51.90 3.92 0.00	54.43 4.23 0.00	41.97 2.95 0.00	36.09 2.33 0.00	35.15 2.45 0.00	34.58 2.41 0.00	30.79 2.11 0.00	26.09 1.80 0.00
TEALLAVE_115KV_TB7 355573	33.85 -0.32 -1.00	29.37 -0.35 -0.14	17.21 -0.25 0.00	26.32 -0.41 0.00	24.30 -0.37 0.00	25.51 -0.36 -0.23	31.37 -0.37 -0.68	32.56 -0.39 -0.03	29.20 -0.44 -0.25	28.80 -0.39 -0.02	25.86 -0.29 0.86	27.59 -0.29 -0.33	25.04 -0.31 2.55	32.16 -0.49 3.93	30.10 -0.42 4.43	34.22 -0.38 -0.91	49.27 -0.48 -1.76	51.41 -0.57 -1.79	39.74 -0.43 -1.16	33.89 -0.39 -0.52	32.37 -0.48 -0.15	31.77 -0.39 0.00	28.38 -0.31 0.00	23.97 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	31.71 -1.46 0.00	28.24 -1.35 0.00	16.48 -0.97 0.00	25.16 -1.57 0.00	23.27 -1.40 0.00	24.33 -1.30 0.00	29.50 -1.56 0.00	31.10 -1.82 0.00	27.19 -2.20 0.00	27.18 -2.00 0.00	25.44 -1.58 0.00	25.82 -1.74 0.00	26.24 -1.67 0.00	32.58 -2.57 1.44	32.53 -2.35 0.07	31.81 -1.88 0.00	45.51 -2.48 0.00	48.56 -3.29 -1.67	36.53 -2.50 -0.01	31.99 -1.77 0.00	30.72 -1.98 0.00	30.33 -1.84 0.00	27.42 -1.27 0.00	23.13 -1.16 0.00
TEMPLE___115KV_TB 2 55572	33.86 -0.31 -0.99	29.38 -0.35 -0.14	17.22 -0.24 0.00	26.34 -0.39 0.00	24.31 -0.36 0.00	25.52 -0.35 -0.23	31.39 -0.35 -0.68	32.57 -0.37 -0.03	29.18 -0.44 -0.22	28.81 -0.38 -0.02	25.86 -0.28 0.87	27.57 -0.28 -0.29	25.09 -0.30 2.52	32.21 -0.47 3.91	30.15 -0.41 4.39	34.15 -0.35 -0.82	49.11 -0.46 -1.58	51.25 -0.55 -1.61	39.64 -0.42 -1.04	33.85 -0.38 -0.47	32.36 -0.47 -0.13	31.79 -0.38 0.00	28.40 -0.29 0.00	23.98 -0.31 0.00
TIANA___69_KV_BK 1 55817	39.20 3.88 -2.15	39.17 3.29 -6.29	83.47 1.99 -64.02	36.15 3.01 -6.41	84.38 2.81 -56.90	49.88 2.84 -21.40	34.51 3.45 0.00	38.05 3.91 -1.22	60.84 3.57 -27.87	57.31 3.93 -24.21	86.23 3.96 -55.25	61.01 4.05 -29.40	73.95 4.19 -41.85	113.47 5.48 -71.40	146.71 5.39 -106.37	196.72 5.11 -157.92	182.33 7.01 -127.32	288.74 7.52 -231.03	143.27 5.44 -98.82	73.11 4.25 -35.11	157.18 4.33 -120.16	102.28 4.32 -65.79	32.30 3.61 0.00	44.24 2.96 -16.98
TILDEN___115KV_TB1 80814	34.17 -0.22 -1.21	29.49 -0.27 -0.17	17.27 -0.19 0.00	26.41 -0.32 0.00	24.37 -0.30 0.00	25.64 -0.28 -0.29	31.62 -0.28 -0.84	32.68 -0.29 -0.05	29.42 -0.35 -0.38	28.91 -0.30 -0.03	26.24 -0.21 0.57	27.87 -0.20 -0.52	25.66 -0.22 2.03	33.34 -0.35 2.90	31.27 -0.29 3.39	34.85 -0.24 -1.40	50.39 -0.30 -2.71	52.57 -0.38 -2.76	40.53 -0.27 -1.78	34.30 -0.26 -0.80	32.57 -0.35 -0.23	31.89 -0.28 0.00	28.48 -0.21 0.00	24.04 -0.25 0.00
TRIGEN___CC 323695	38.28 2.96 -2.15	38.50 2.63 -6.29	83.07 1.60 -64.02	35.48 2.34 -6.41	83.76 2.19 -56.90	49.29 2.25 -21.40	33.83 2.77 0.00	37.19 3.05 -1.22	60.08 2.82 -27.87	54.52 2.97 -22.38	64.02 2.89 -34.11	59.75 2.97 -29.23	62.35 3.02 -31.42	65.80 3.84 -25.37	68.48 3.89 -29.63	60.59 3.71 -23.19	54.51 5.08 -1.44	59.34 5.37 -3.78	43.07 3.84 -0.21	36.76 3.01 0.00	35.75 3.06 0.00	39.98 3.08 -4.74	31.36 2.67 0.00	43.54 2.27 -16.98

TRINITY__115KV__4 BK 55933	34.32 1.03 -0.12	30.64 1.01 -0.05	22.88 0.62 -4.81	27.69 0.96 0.00	25.57 0.90 0.00	26.50 0.86 0.00	32.09 1.03 0.00	34.25 1.13 -0.20	34.86 1.06 -4.40	31.95 1.01 -1.77	27.91 0.89 0.00	28.46 0.90 0.00	28.82 0.91 0.00	37.68 1.09 0.00	35.96 1.01 0.00	34.57 0.88 0.00	49.31 1.33 0.00	51.70 1.50 0.00	40.22 1.20 0.00	34.79 1.04 0.00	33.77 1.07 0.00	33.12 0.96 0.00	29.49 0.80 0.00	25.08 0.80 0.00
UNION__PROCESSING_DRP 323587	32.30 -0.87 0.00	28.74 -0.85 0.00	16.83 -0.63 0.00	25.71 -1.02 0.00	23.77 -0.90 0.00	24.79 -0.85 0.00	30.07 -0.99 0.00	31.79 -1.13 0.00	28.04 -1.35 0.00	27.97 -1.20 0.00	26.11 -0.90 0.00	26.59 -0.97 0.00	26.97 -0.93 0.00	35.30 -1.50 -0.22	33.61 -1.35 -0.01	32.62 -1.06 0.00	46.66 -1.32 0.00	48.41 -1.79 0.00	37.67 -1.34 0.00	32.77 -0.98 0.00	31.52 -1.17 0.00	31.09 -1.08 0.00	27.90 -0.79 0.00	23.55 -0.74 0.00
UPPER HUDSON__HYD 24058	35.26 1.98 -0.11	31.25 1.62 -0.04	22.74 0.84 -4.44	28.09 1.36 0.00	25.99 1.32 0.00	27.01 1.37 0.00	32.90 1.84 0.00	35.11 2.00 -0.18	35.22 1.75 -4.07	32.43 1.63 -1.63	28.21 1.20 0.00	28.81 1.25 0.00	29.13 1.22 0.00	38.11 1.53 0.00	36.34 1.39 0.00	35.02 1.33 0.00	49.98 1.99 0.00	52.60 2.41 0.00	41.35 2.33 0.00	35.74 1.98 0.00	34.87 2.18 0.00	34.10 1.93 0.00	30.09 1.40 0.00	25.69 1.40 0.00
UPPER RAQUET__HYD 24056	31.84 -1.72 -0.39	28.06 -1.57 -0.05	16.53 -0.93 0.00	25.33 -1.40 0.00	23.35 -1.32 0.00	24.41 -1.30 -0.07	29.68 -1.60 -0.21	31.16 -1.78 -0.02	27.95 -1.57 -0.13	27.51 -1.67 -0.01	-15.25 -1.69 40.58	25.29 -1.70 0.57	-75.07 -1.78 101.21	-158.26 -2.17 192.68	-158.26 -2.28 190.93	32.06 -2.12 -0.49	45.83 -3.17 -1.02	48.03 -3.20 -1.04	37.30 -2.39 -0.67	32.04 -2.02 -0.30	31.15 -1.63 -0.08	30.56 -1.60 0.00	27.25 -1.44 0.00	23.04 -1.25 0.00
VALLEY44_115KV_TB2 355964	32.27 -0.90 0.00	28.67 -0.92 0.00	16.72 -0.73 0.00	25.62 -1.12 0.00	23.65 -1.02 0.00	24.73 -0.91 0.00	30.04 -1.02 0.00	31.81 -1.14 -0.03	28.24 -1.42 -0.27	28.05 -1.15 -0.02	26.37 -0.98 -0.34	26.79 -1.15 -0.38	27.03 -1.26 -0.39	33.99 -1.73 0.86	34.25 -1.52 -0.83	33.37 -1.31 -1.00	48.27 -1.64 -1.92	50.97 -2.06 -2.83	38.45 -1.84 -1.27	32.89 -1.43 -0.57	31.20 -1.66 -0.16	30.83 -1.34 0.00	27.80 -0.89 0.00	23.44 -0.85 0.00
VALLEY__115KV_TB 1-4 80826	34.01 0.84 0.00	30.35 0.77 0.00	17.90 0.45 0.00	27.41 0.68 0.00	25.30 0.63 0.00	26.30 0.67 0.00	31.86 0.79 0.00	33.67 0.75 0.00	29.89 0.50 0.00	29.63 0.46 0.00	26.45 0.36 0.92	27.93 0.40 0.02	26.08 0.45 2.28	34.66 0.53 2.46	31.80 0.52 3.67	34.09 0.40 0.00	48.62 0.63 0.00	51.01 0.82 0.00	39.91 0.88 0.00	34.71 0.95 0.00	33.66 0.97 0.00	33.10 0.94 0.00	29.41 0.72 0.00	24.91 0.62 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.02 1.55 -0.30	30.95 1.32 -0.04	18.24 0.78 0.00	27.88 1.15 0.00	25.74 1.07 0.00	26.85 1.14 -0.07	32.67 1.40 -0.21	34.53 1.56 -0.05	31.20 1.40 -0.41	30.66 1.45 -0.04	28.94 1.42 -0.51	29.57 1.44 -0.57	29.96 1.46 -0.59	39.67 1.81 -1.27	38.12 1.79 -1.38	36.96 1.78 -1.50	53.34 2.47 -2.89	55.79 2.66 -2.94	42.98 2.06 -1.90	36.38 1.76 -0.86	34.48 1.54 -0.24	33.66 1.49 0.00	30.00 1.31 0.00	25.33 1.04 0.00
VISCHER__FERRY HYD 24020	34.86 1.57 -0.12	31.06 1.43 -0.05	23.14 0.81 -4.88	28.02 1.28 0.00	25.87 1.20 0.00	26.86 1.22 0.00	32.61 1.54 0.00	34.78 1.66 -0.20	35.34 1.48 -4.47	32.37 1.41 -1.79	28.22 1.20 0.00	28.76 1.21 0.00	29.13 1.22 0.00	38.11 1.52 0.00	36.30 1.35 0.00	34.89 1.20 0.00	49.82 1.83 0.00	52.27 2.07 0.00	40.75 1.73 0.00	35.31 1.56 0.00	34.31 1.61 0.00	33.60 1.43 0.00	29.89 1.20 0.00	25.45 1.16 0.00
V_A_10_SYNC_DSASP 323832	31.39 -1.79 0.00	27.95 -1.64 0.00	16.33 -1.12 0.00	24.97 -1.77 0.00	23.09 -1.58 0.00	24.11 -1.53 0.00	29.22 -1.84 0.00	30.82 -2.10 0.00	27.07 -2.32 0.00	27.02 -2.15 0.00	25.27 -1.74 0.00	25.70 -1.85 0.00	26.08 -1.83 0.00	35.01 -2.84 -1.27	32.47 -2.55 -0.07	31.55 -2.14 0.00	45.15 -2.84 0.00	46.16 -3.55 0.49	36.26 -2.76 0.00	31.62 -2.14 0.00	30.36 -2.33 0.00	29.98 -2.18 0.00	27.07 -1.62 0.00	22.87 -1.42 0.00
V_CMM_10_SYNC_DSASP 323787	32.56 -0.61 0.00	29.01 -0.58 0.00	17.11 -0.35 0.00	26.23 -0.50 0.00	24.19 -0.47 0.00	25.16 -0.48 0.00	30.40 -0.65 0.00	32.14 -0.78 0.00	28.73 -0.66 0.00	28.48 -0.70 0.00	32.07 -0.71 -5.76	26.95 -0.71 -0.11	41.52 -0.73 -14.35	31.87 -0.83 3.89	50.57 -0.93 -16.55	32.87 -0.82 0.00	46.84 -1.14 0.00	48.98 -1.22 0.00	38.09 -0.93 0.00	33.03 -0.73 0.00	32.12 -0.58 0.00	31.59 -0.57 0.00	28.21 -0.48 0.00	23.87 -0.42 0.00
V_CMP_10_SYNC_DSASP 323788	32.87 -0.30 0.00	29.09 -0.49 0.00	17.22 -0.23 0.00	26.50 -0.24 0.00	24.57 -0.10 0.00	25.50 -0.14 0.00	31.08 0.02 0.00	33.22 0.30 0.00	29.49 0.10 0.00	28.65 -0.52 0.00	22.71 -0.98 3.32	26.86 -0.64 0.06	18.65 -0.99 8.26	-6.22 -1.20 41.60	8.78 -1.76 24.41	31.77 -1.92 0.00	45.31 -2.68 0.00	48.14 -2.05 0.00	38.19 -0.83 0.00	33.31 -0.45 0.00	32.56 -0.13 0.00	32.06 -0.11 0.00	28.70 0.01 0.00	24.33 0.04 0.00
V_D_10_SYNC_DSASP 323841	32.49 -0.68 0.00	28.95 -0.64 0.00	17.07 -0.39 0.00	26.17 -0.57 0.00	24.14 -0.53 0.00	25.11 -0.53 0.00	30.35 -0.71 0.00	32.06 -0.85 0.00	28.65 -0.73 0.00	28.41 -0.76 0.00	35.50 -0.79 -9.28	26.93 -0.80 -0.17	50.19 -0.82 -23.10	47.40 -0.96 -11.77	66.64 -1.04 -32.73	32.79 -0.90 0.00	46.74 -1.25 0.00	48.90 -1.30 0.00	38.03 -1.00 0.00	32.93 -0.83 0.00	32.07 -0.63 0.00	31.56 -0.61 0.00	28.17 -0.52 0.00	23.84 -0.45 0.00
V_E_10_SYNC_DSASP 323830	36.54 2.67 -0.70	31.88 2.20 -0.10	18.63 1.18 0.00	28.44 1.71 0.00	26.19 1.52 0.00	27.50 1.69 -0.16	33.77 2.23 -0.48	35.50 2.49 -0.10	32.15 1.99 -0.77	31.05 1.82 -0.07	29.55 1.57 -0.96	30.11 1.47 -1.09	30.54 1.50 -1.13	40.71 1.63 -2.49	39.04 1.46 -2.62	38.16 1.63 -2.84	55.92 2.46 -5.48	59.07 3.29 -5.58	45.32 2.69 -3.61	38.17 2.79 -1.63	35.71 2.56 -0.46	34.65 2.48 0.00	30.79 2.10 0.00	25.79 1.50 0.00
V_F_30_NSYNC__DSASP 323816	35.30 2.02 -0.11	31.38 1.75 -0.04	22.93 0.97 -4.51	28.26 1.53 0.00	26.11 1.44 0.00	27.13 1.49 0.00	32.97 1.91 0.00	35.15 2.04 -0.19	35.30 1.78 -4.13	32.52 1.70 -1.66	28.45 1.44 0.00	29.01 1.45 0.00	29.36 1.45 0.00	38.44 1.85 0.00	36.66 1.72 0.00	35.31 1.63 0.00	50.38 2.39 0.00	52.92 2.72 0.00	41.38 2.36 0.00	35.82 2.07 0.00	34.81 2.12 0.00	34.11 1.95 0.00	30.27 1.58 0.00	25.74 1.46 0.00
V_F_30_SYNC_DSASP 323786	34.48 1.19 -0.12	30.78 1.14 -0.05	22.89 0.69 -4.74	27.80 1.06 0.00	25.68 1.01 0.00	26.61 0.97 0.00	32.21 1.16 0.00	34.40 1.29 -0.20	34.93 1.20 -4.35	32.07 1.15 -1.74	28.04 1.03 0.00	28.60 1.05 0.00	28.97 1.06 0.00	37.88 1.29 0.00	36.16 1.21 0.00	34.77 1.08 0.00	49.60 1.61 0.00	52.00 1.80 0.00	40.44 1.42 0.00	34.97 1.22 0.00	33.94 1.24 0.00	33.28 1.12 0.00	29.62 0.93 0.00	25.18 0.89 0.00

V_XM10_SYNC_DSASP 323789	32.87 -0.30 0.00	29.09 -0.49 0.00	17.22 -0.23 0.00	26.50 -0.24 0.00	24.57 -0.10 0.00	25.50 -0.14 0.00	31.08 0.02 0.00	33.22 0.30 0.00	29.49 0.10 0.00	28.65 -0.52 0.00	22.71 -0.98 3.32	26.86 -0.64 0.06	18.65 -0.99 8.26	-6.22 -1.20 41.60	8.78 -1.76 24.41	31.77 -1.92 0.00	45.31 -2.68 0.00	48.14 -2.05 0.00	38.19 -0.83 0.00	33.31 -0.45 0.00	32.56 -0.13 0.00	32.06 -0.11 0.00	28.70 0.01 0.00	24.33 0.04 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.04 2.33 1.46	31.07 2.07 0.58	-40.16 1.24 58.86	28.57 1.84 0.00	26.39 1.72 0.00	27.38 1.74 0.00	33.21 2.15 0.00	33.52 2.40 1.80	-8.10 2.28 39.76	15.60 2.37 15.95	29.35 2.34 0.00	29.96 2.40 0.00	30.36 2.45 0.00	39.64 3.12 0.07	38.15 3.20 0.00	36.74 3.05 0.00	52.16 4.17 0.00	54.68 4.48 0.00	42.17 3.15 0.00	36.26 2.51 0.00	35.31 2.62 0.00	34.74 2.57 0.00	30.93 2.24 0.00	26.20 1.91 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.53 2.64 -0.72	32.25 2.38 -0.29	47.97 1.43 -29.08	28.81 2.08 0.00	26.63 1.96 0.00	27.65 2.01 0.00	33.60 2.54 0.00	37.00 2.87 -1.21	58.90 2.71 -26.80	42.73 2.81 -10.75	29.74 2.73 0.00	30.37 2.82 0.00	30.80 2.89 0.00	40.16 3.63 0.06	38.65 3.71 0.00	37.20 3.51 0.00	52.74 4.75 0.00	55.27 5.08 0.00	42.56 3.54 0.00	36.58 2.82 0.00	35.62 2.92 0.00	35.10 2.93 0.00	31.27 2.58 0.00	26.44 2.15 0.00
W50THST__13_KV_LOAD 356117	36.75 2.85 -0.72	32.46 2.59 -0.29	48.10 1.56 -29.08	29.00 2.26 0.00	26.80 2.13 0.00	27.84 2.20 0.00	33.85 2.79 0.00	37.30 3.17 -1.21	59.19 3.00 -26.80	43.02 3.10 -10.75	30.03 3.02 0.00	30.66 3.10 0.00	31.08 3.18 0.00	40.52 4.00 0.06	38.95 4.01 0.00	37.48 3.79 0.00	53.15 5.16 0.00	55.68 5.49 0.00	42.84 3.82 0.00	36.81 3.05 0.00	35.82 3.12 0.00	35.30 3.13 0.00	31.43 2.75 0.00	26.58 2.28 0.00
WADING RIVER_IC_1 23522	38.74 3.41 -2.15	38.80 2.93 -6.29	83.24 1.75 -64.03	35.77 2.63 -6.41	83.99 2.42 -56.90	49.50 2.45 -21.41	34.09 3.02 0.00	37.55 3.40 -1.22	60.35 3.08 -27.87	56.77 3.39 -24.21	85.63 3.42 -55.19	60.47 3.51 -29.40	73.41 3.68 -41.82	112.67 4.82 -71.26	145.89 4.68 -106.26	195.57 4.38 -157.50	180.87 5.94 -126.93	286.52 6.41 -229.91	141.30 4.65 -97.63	72.21 3.63 -34.82	156.26 3.78 -119.79	101.55 3.78 -65.61	31.76 3.07 0.00	43.84 2.57 -16.99
WADING RIVER_IC_2 23547	38.74 3.41 -2.15	38.80 2.93 -6.29	83.24 1.75 -64.03	35.77 2.63 -6.41	83.99 2.42 -56.90	49.50 2.45 -21.41	34.09 3.02 0.00	37.55 3.40 -1.22	60.35 3.08 -27.87	56.77 3.39 -24.21	85.63 3.42 -55.19	60.47 3.51 -29.40	73.41 3.68 -41.82	112.67 4.82 -71.26	145.89 4.68 -106.26	195.57 4.38 -157.50	180.87 5.94 -126.93	286.52 6.41 -229.91	141.30 4.65 -97.63	72.21 3.63 -34.82	156.26 3.78 -119.79	101.55 3.78 -65.61	31.76 3.07 0.00	43.84 2.57 -16.99
WADING RIVER_IC_3 23601	38.74 3.41 -2.15	38.80 2.93 -6.29	83.24 1.75 -64.03	35.77 2.63 -6.41	83.99 2.42 -56.90	49.50 2.45 -21.41	34.09 3.02 0.00	37.55 3.40 -1.22	60.35 3.08 -27.87	56.77 3.39 -24.21	85.63 3.42 -55.19	60.47 3.51 -29.40	73.41 3.68 -41.82	112.67 4.82 -71.26	145.89 4.68 -106.26	195.57 4.38 -157.50	180.87 5.94 -126.93	286.52 6.41 -229.91	141.30 4.65 -97.63	72.21 3.63 -34.82	156.26 3.78 -119.79	101.55 3.78 -65.61	31.76 3.07 0.00	43.84 2.57 -16.99
WALDENNY_12_KV_BK2 80841	31.85 -1.32 0.00	28.31 -1.27 0.00	16.53 -0.93 0.00	25.24 -1.50 0.00	23.33 -1.34 0.00	24.39 -1.25 0.00	29.58 -1.48 0.00	31.24 -1.70 -0.02	27.53 -2.03 -0.16	27.38 -1.80 -0.02	25.80 -1.42 -0.20	26.23 -1.56 -0.23	26.62 -1.53 -0.24	32.76 -2.33 1.50	33.34 -2.06 -0.45	32.65 -1.65 -0.61	47.02 -2.13 -1.17	49.79 -2.90 -2.50	37.53 -2.26 -0.77	32.48 -1.63 -0.35	30.90 -1.89 -0.10	30.43 -1.73 0.00	27.50 -1.19 0.00	23.19 -1.10 0.00
WALDEN__HYDRO 24148	35.15 2.23 0.26	31.46 1.98 0.10	8.13 1.16 10.48	28.45 1.72 0.00	26.27 1.60 0.00	27.30 1.66 0.00	33.16 2.10 0.00	34.89 2.35 0.38	22.91 2.21 8.69	27.93 2.26 3.50	29.21 2.19 0.00	29.81 2.26 0.00	30.21 2.31 0.00	39.46 2.93 0.07	37.95 3.00 0.00	36.57 2.88 0.00	51.93 3.94 0.00	54.46 4.27 0.00	42.08 3.07 0.00	36.23 2.47 0.00	35.31 2.62 0.00	34.74 2.57 0.00	30.90 2.22 0.00	26.14 1.85 0.00
WARRENSBURG____ 23737	35.26 1.98 -0.11	31.25 1.62 -0.04	22.74 0.84 -4.44	28.09 1.36 0.00	25.99 1.32 0.00	27.01 1.37 0.00	32.90 1.84 0.00	35.11 2.00 -0.18	35.22 1.75 -4.07	32.43 1.63 -1.63	28.21 1.20 0.00	28.81 1.25 0.00	29.13 1.22 0.00	38.11 1.53 0.00	36.34 1.39 0.00	35.02 1.33 0.00	49.98 1.99 0.00	52.60 2.41 0.00	41.35 2.33 0.00	35.74 1.98 0.00	34.87 2.18 0.00	34.10 1.93 0.00	30.09 1.40 0.00	25.69 1.40 0.00
WATERSIDE____6 8 9 23538	36.19 2.61 -0.41	31.77 2.39 0.20	47.67 1.44 -28.78	28.83 2.10 0.00	26.64 1.97 0.00	27.68 2.03 0.00	33.63 2.57 0.00	37.02 2.90 -1.21	58.91 2.73 -26.78	42.72 2.80 -10.74	-24.22 2.76 53.99	24.78 2.84 5.62	25.77 2.89 5.03	37.79 3.58 2.38	32.08 3.70 6.57	32.32 3.50 4.87	52.27 4.69 0.40	54.88 5.01 0.32	42.47 3.46 0.01	36.29 2.82 0.29	35.34 2.98 0.33	34.70 3.03 0.50	30.19 2.63 1.13	23.98 2.20 2.51
WATKINRD_115KV_LN8_ILLION 55919	33.77 0.59 0.00	30.14 0.56 0.00	17.78 0.33 0.00	27.23 0.50 0.00	25.13 0.46 0.00	26.13 0.49 0.00	31.65 0.58 0.00	33.49 0.57 0.00	29.77 0.38 0.00	29.52 0.35 0.00	26.37 0.27 0.92	27.82 0.28 0.02	25.94 0.32 2.28	34.51 0.38 2.46	31.66 0.38 3.67	33.98 0.29 0.00	48.43 0.45 0.00	50.78 0.59 0.00	39.67 0.65 0.00	34.45 0.69 0.00	33.40 0.70 0.00	32.85 0.68 0.00	29.22 0.53 0.00	24.74 0.45 0.00
WATSON__69_KV_BK 1 55734	39.31 3.98 -2.15	39.36 3.49 -6.29	83.54 2.06 -64.02	36.20 3.06 -6.41	84.35 2.78 -56.90	49.89 2.85 -21.40	34.62 3.56 0.00	38.07 3.93 -1.22	60.83 3.57 -27.87	56.31 3.83 -23.30	75.49 3.71 -44.76	60.61 3.74 -29.32	68.34 3.76 -36.67	90.03 4.88 -48.56	107.82 4.87 -68.00	129.51 4.76 -91.06	119.35 6.50 -64.86	176.24 6.77 -119.27	96.03 4.99 -52.03	55.84 3.97 -18.12	97.18 3.95 -60.53	71.65 3.99 -35.50	32.18 3.49 0.00	44.21 2.94 -16.98
WDELAWARE__HYD 323627	34.30 1.30 0.17	30.62 1.11 0.07	11.19 0.64 6.91	27.65 0.91 0.00	25.53 0.86 0.00	26.53 0.89 0.00	32.24 1.18 0.00	34.02 1.36 0.27	24.71 1.35 6.03	28.12 1.38 2.42	28.37 1.35 0.00	28.97 1.41 0.00	29.35 1.45 0.00	38.44 1.92 0.07	36.95 2.00 0.00	35.68 1.98 0.00	50.59 2.61 0.00	53.12 2.93 0.00	41.13 2.11 0.00	35.42 1.67 0.00	34.26 1.56 0.00	33.67 1.50 0.00	29.92 1.23 0.00	25.26 0.97 0.00
WEST BABYLON__IC 23714	39.11 3.78 -2.15	39.20 3.32 -6.29	83.46 1.98 -64.02	36.06 2.92 -6.41	84.22 2.65 -56.90	49.76 2.72 -21.40	34.46 3.39 0.00	37.88 3.74 -1.22	60.67 3.41 -27.87	55.39 3.62 -22.60	67.22 3.50 -36.71	60.34 3.53 -29.25	64.15 3.54 -32.70	72.19 4.57 -31.02	78.73 4.64 -39.14	77.92 4.50 -39.73	71.05 6.17 -16.89	88.01 6.43 -31.38	55.39 4.67 -11.69	41.66 3.72 -4.18	51.16 3.71 -14.75	48.15 3.75 -12.24	31.98 3.29 0.00	44.07 2.79 -16.98

WEST CANADA___HYD 24049	33.37 0.20 0.00	29.81 0.22 0.00	17.60 0.14 0.00	26.95 0.21 0.00	24.87 0.20 0.00	25.84 0.21 0.00	31.32 0.26 0.00	33.21 0.29 0.00	29.65 0.26 0.00	29.43 0.26 0.00	26.34 0.24 0.92	27.79 0.25 0.02	25.88 0.25 2.28	34.41 0.28 2.46	31.57 0.28 3.67	33.94 0.26 0.00	48.37 0.38 0.00	50.59 0.40 0.00	39.33 0.31 0.00	34.03 0.28 0.00	32.96 0.27 0.00	32.42 0.26 0.00	28.91 0.22 0.00	24.49 0.20 0.00
WESTERN_NY_WIND 24143	32.49 -0.69 0.00	28.89 -0.70 0.00	16.86 -0.60 0.00	25.73 -1.00 0.00	23.81 -0.86 0.00	24.89 -0.75 0.00	30.21 -0.86 0.00	31.86 -1.06 0.00	27.88 -1.51 0.00	27.81 -1.35 0.00	26.02 -1.00 0.00	26.46 -1.10 0.00	26.83 -1.07 0.00	33.68 -1.74 1.17	33.35 -1.54 0.06	32.55 -1.14 0.00	46.53 -1.46 0.00	49.51 -2.11 -1.42	37.46 -1.56 -0.01	32.88 -0.88 0.00	31.59 -1.10 0.00	31.17 -0.99 0.00	28.10 -0.59 0.00	23.66 -0.63 0.00
WESTOVER___LESR 323668	34.09 0.25 -0.66	29.81 0.13 -0.09	17.48 0.03 0.00	26.74 0.01 0.00	24.65 -0.02 0.00	25.85 0.05 -0.16	31.65 0.13 -0.46	33.24 0.22 -0.10	30.32 0.12 -0.81	29.39 0.14 -0.07	28.26 0.23 -1.01	28.95 0.25 -1.15	29.32 0.22 -1.19	39.26 0.19 -2.48	38.03 0.32 -2.76	37.01 0.33 -2.99	54.26 0.50 -5.78	56.66 0.58 -5.88	43.16 0.34 -3.80	35.83 0.36 -1.71	33.31 0.13 -0.48	32.31 0.15 0.00	28.85 0.16 0.00	24.31 0.02 0.00
WETHRSFD_WT_PWR 323626	31.98 -1.19 0.00	28.41 -1.18 0.00	16.63 -0.83 0.00	25.41 -1.33 0.00	23.44 -1.23 0.00	24.51 -1.13 0.00	29.76 -1.30 0.00	31.48 -1.47 -0.04	27.98 -1.69 -0.28	27.65 -1.55 -0.03	26.10 -1.27 -0.35	26.58 -1.38 -0.40	26.91 -1.41 -0.41	33.71 -2.21 0.68	33.92 -1.91 -0.88	33.13 -1.61 -1.04	47.90 -2.10 -2.01	50.09 -2.62 -2.52	38.28 -2.07 -1.32	32.91 -1.44 -0.60	31.23 -1.63 -0.17	30.70 -1.46 0.00	27.69 -1.00 0.00	23.34 -0.95 0.00
WHAVSTOR_138KV_BK127 55557	33.87 2.17 1.48	30.94 1.94 0.59	-40.79 1.17 59.42	28.46 1.73 0.00	26.29 1.62 0.00	27.27 1.63 0.00	33.07 2.01 0.00	33.34 2.25 1.82	-8.73 2.13 40.26	15.25 2.23 16.14	29.21 2.19 0.00	29.81 2.25 0.00	30.20 2.29 0.00	39.43 2.91 0.07	37.94 2.99 0.00	36.53 2.84 0.00	51.77 3.78 0.00	54.31 4.11 0.00	41.89 2.87 0.00	36.03 2.27 0.00	35.09 2.40 0.00	34.53 2.37 0.00	30.76 2.07 0.00	26.06 1.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.87 2.17 1.48	30.94 1.94 0.59	-40.79 1.17 59.42	28.46 1.73 0.00	26.29 1.62 0.00	27.27 1.63 0.00	33.07 2.01 0.00	33.34 2.25 1.82	-8.73 2.13 40.26	15.25 2.23 16.14	29.21 2.19 0.00	29.81 2.25 0.00	30.20 2.29 0.00	39.43 2.91 0.07	37.94 2.99 0.00	36.53 2.84 0.00	51.77 3.78 0.00	54.31 4.11 0.00	41.89 2.87 0.00	36.03 2.27 0.00	35.09 2.40 0.00	34.53 2.37 0.00	30.76 2.07 0.00	26.06 1.77 0.00
WHITEHAL_115KV_TB1 80871	36.57 3.29 -0.11	32.16 2.53 -0.04	23.08 1.16 -4.47	28.80 2.06 0.00	26.78 2.11 0.00	27.84 2.20 0.00	34.18 3.12 0.00	36.42 3.32 -0.18	36.23 2.74 -4.09	33.23 2.42 -1.64	28.77 1.76 0.00	29.40 1.84 0.00	29.78 1.88 0.00	38.89 2.30 0.00	36.98 2.03 0.00	35.75 2.06 0.00	51.21 3.23 0.00	54.18 3.98 0.00	42.84 3.83 0.00	36.80 3.04 0.00	35.88 3.19 0.00	34.89 2.73 0.00	30.83 2.14 0.00	26.57 2.29 0.00
WHITEPLN_13_KV_LOAD 356215	36.84 2.90 -0.77	32.46 2.57 -0.31	49.97 1.52 -31.00	28.97 2.24 0.00	26.76 2.08 0.00	27.80 2.16 0.00	33.77 2.71 0.00	37.26 3.05 -1.29	60.83 2.87 -28.57	43.60 2.98 -11.46	29.89 2.88 0.00	30.51 2.95 0.00	30.93 3.02 0.00	40.39 3.87 0.06	38.88 3.94 0.00	37.45 3.76 0.00	53.16 5.17 0.00	55.74 5.54 0.00	42.95 3.93 0.00	36.92 3.16 0.00	35.90 3.21 0.00	35.33 3.17 0.00	31.43 2.74 0.00	26.56 2.28 0.00
WM_FLOYD_69_KV_BK2 356380	39.07 3.75 -2.15	39.12 3.25 -6.29	83.41 1.93 -64.02	36.02 2.88 -6.41	84.21 2.64 -56.90	49.74 2.69 -21.40	34.40 3.34 0.00	37.88 3.73 -1.22	60.63 3.37 -27.87	57.07 3.66 -24.24	86.28 3.66 -55.61	60.70 3.74 -29.41	73.78 3.85 -42.03	113.74 4.97 -72.18	146.90 4.85 -107.10	198.51 4.62 -160.20	183.76 6.32 -129.46	293.75 6.72 -236.84	148.60 4.95 -104.64	74.20 3.91 -36.53	158.87 3.98 -122.19	102.97 3.97 -66.83	32.02 3.33 0.00	44.08 2.81 -16.98
WOODARD__115KV_TB2 355635	34.08 -0.39 -1.30	29.36 -0.41 -0.19	17.18 -0.27 0.00	26.29 -0.44 0.00	24.26 -0.41 0.00	25.55 -0.40 -0.31	31.54 -0.42 -0.90	32.57 -0.42 -0.07	29.45 -0.46 -0.52	28.81 -0.41 -0.05	26.23 -0.32 0.46	27.95 -0.32 -0.72	25.56 -0.34 2.00	33.41 -0.50 2.68	31.29 -0.44 3.23	35.22 -0.39 -1.92	51.18 -0.51 -3.70	53.38 -0.58 -3.77	41.01 -0.44 -2.44	34.46 -0.40 -1.10	32.53 -0.48 -0.31	31.74 -0.43 0.00	28.34 -0.35 0.00	23.93 -0.36 0.00
YORK___WARBASSE 23770	38.51 2.80 -2.54	35.25 2.54 -3.12	49.73 1.52 -30.75	28.97 2.24 0.00	26.77 2.10 0.00	27.81 2.17 0.00	33.79 2.72 -0.01	37.18 3.05 -1.22	59.03 2.86 -26.78	42.84 2.93 -10.74	1060.73 2.92 -1030.80	64.52 3.00 -33.96	87.29 3.04 -56.35	65.62 3.79 -25.24	79.30 3.91 -40.44	65.79 3.71 -28.40	55.31 4.97 -2.35	57.31 5.26 -1.87	42.73 3.64 -0.08	38.46 3.01 -1.70	37.77 3.13 -1.95	38.20 3.15 -2.89	38.03 2.75 -6.60	41.21 2.31 -14.61