

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	40.54	34.03	31.74	26.86	26.37	31.59	39.44	54.45	46.73	41.94	40.50	33.13	34.28	33.24	40.46	45.10	47.43	42.97	47.89	51.46	49.30	41.87	36.20	30.14
24138	2.28	1.91	1.72	1.47	1.44	1.74	2.45	3.44	2.89	2.63	2.65	2.27	2.51	2.52	3.13	3.59	3.73	3.38	3.59	3.72	3.43	2.94	2.53	1.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	40.54	34.03	31.72	26.84	26.35	31.57	39.40	54.38	46.68	41.88	40.38	33.03	34.17	33.13	40.32	44.96	47.27	42.85	47.77	51.38	49.25	41.83	36.17	30.10
24260	2.28	1.91	1.70	1.45	1.42	1.71	2.40	3.37	2.84	2.57	2.53	2.17	2.40	2.41	2.99	3.45	3.58	3.26	3.47	3.64	3.38	2.90	2.50	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	40.54	34.03	31.72	26.84	26.35	31.57	39.40	54.38	46.68	41.88	40.38	33.03	34.17	33.13	40.32	44.96	47.27	42.85	47.77	51.38	49.25	41.83	36.17	30.10
24261	2.28	1.91	1.70	1.45	1.42	1.71	2.40	3.37	2.84	2.57	2.53	2.17	2.40	2.41	2.99	3.45	3.58	3.26	3.47	3.64	3.38	2.90	2.50	1.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	40.18	33.73	31.53	26.69	26.31	31.56	39.35	54.10	46.31	41.22	39.55	32.25	33.06	31.80	38.27	42.71	44.91	41.13	46.31	49.77	47.74	40.44	34.93	29.60
24011	1.93	1.62	1.51	1.30	1.38	1.70	2.36	3.09	2.46	1.91	1.70	1.39	1.29	1.08	0.94	1.20	1.21	1.54	2.01	2.04	1.87	1.51	1.26	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	40.37	33.89	31.69	26.83	26.48	31.76	39.71	54.55	46.68	41.52	39.77	32.37	33.18	31.91	38.28	42.82	44.98	41.32	46.56	49.94	47.87	40.53	35.02	29.73
23798	2.11	1.78	1.67	1.44	1.55	1.90	2.72	3.54	2.83	2.21	1.92	1.51	1.40	1.19	0.95	1.30	1.29	1.74	2.26	2.20	2.00	1.60	1.35	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	40.18	33.73	31.53	26.69	26.31	31.56	39.35	54.10	46.31	41.22	39.55	32.25	33.06	31.80	38.27	42.71	44.91	41.13	46.31	49.77	47.74	40.44	34.93	29.60
24028	1.93	1.62	1.51	1.30	1.38	1.70	2.36	3.09	2.46	1.91	1.70	1.39	1.29	1.08	0.94	1.20	1.21	1.54	2.01	2.04	1.87	1.51	1.26	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	39.68	33.31	31.14	26.34	25.95	31.06	38.34	52.77	45.28	40.51	39.07	31.79	32.72	31.64	38.39	42.93	45.31	41.21	46.45	50.09	48.06	40.82	35.21	29.39
23527	1.42	1.19	1.12	0.95	1.02	1.20	1.34	1.76	1.43	1.20	1.22	0.93	0.95	0.91	1.06	1.42	1.61	1.62	2.14	2.35	2.18	1.89	1.54	1.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	38.61	32.51	30.39	25.71	25.26	30.21	37.46	51.49	44.19	39.55	38.13	31.20	32.13	31.15	37.73	42.10	44.37	40.32	45.27	48.78	46.82	39.75	34.33	28.72
24190	0.35	0.39	0.37	0.32	0.34	0.35	0.46	0.48	0.34	0.24	0.28	0.34	0.36	0.43	0.41	0.58	0.67	0.74	0.97	1.05	0.95	0.83	0.66	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	38.16	31.98	29.93	25.31	24.89	29.84	36.93	51.20	44.15	39.71	38.21	31.07	31.92	30.73	37.41	41.67	43.88	39.82	44.25	47.72	45.97	39.01	33.79	28.36
355683	-0.10	-0.13	-0.09	-0.08	-0.04	-0.02	-0.07	0.19	0.30	0.40	0.36	0.21	0.15	0.01	0.08	0.15	0.19	0.23	-0.05	-0.02	0.10	0.08	0.12	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	39.36	33.09	30.95	26.18	25.72	30.78	38.16	52.39	44.71	39.81	38.31	31.30	32.25	31.30	38.09	42.56	44.92	40.89	46.02	49.64	47.64	40.49	34.95	29.23
323833	1.10	0.98	0.93	0.79	0.79	0.92	1.16	1.38	0.86	0.50	0.46	0.44	0.47	0.58	0.76	1.05	1.22	1.30	1.71	1.91	1.76	1.56	1.28	1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	39.35	33.09	30.94	26.17	25.72	30.78	38.16	52.39	44.69	39.80	38.31	31.30	32.25	31.30	38.08	42.55	44.91	40.88	46.01	49.63	47.62	40.47	34.94	29.22
323834	1.09	0.98	0.92	0.79	0.79	0.92	1.16	1.38	0.85	0.49	0.46	0.44	0.47	0.57	0.76	1.04	1.21	1.30	1.71	1.89	1.75	1.54	1.27	0.99
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	38.61	32.51	30.39	25.71	25.26	30.21	37.46	51.49	44.19	39.55	38.13	31.20	32.13	31.15	37.73	42.10	44.37	40.32	45.27	48.78	46.82	39.75	34.33	28.72
23571	0.35	0.39	0.37	0.32	0.34	0.35	0.46	0.48	0.34	0.24	0.28	0.34	0.36	0.43	0.41	0.58	0.67	0.74	0.97	1.05	0.95	0.83	0.66	0.49
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.46 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.28 0.00	31.20 0.34 0.00	32.13 0.36 0.00	31.15 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.74 0.00	45.27 0.97 0.00	48.78 1.05 0.00	46.82 0.95 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
ALBANY___3 23573	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.46 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.28 0.00	31.20 0.34 0.00	32.13 0.36 0.00	31.15 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.74 0.00	45.27 0.97 0.00	48.78 1.05 0.00	46.82 0.95 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
ALBANY___4 23574	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.46 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.28 0.00	31.20 0.34 0.00	32.13 0.36 0.00	31.15 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.74 0.00	45.27 0.97 0.00	48.78 1.05 0.00	46.82 0.95 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
ALBANY___LFGE 323615	39.00 0.74 0.00	32.82 0.71 0.00	30.67 0.64 0.00	25.94 0.55 0.00	25.49 0.56 0.00	30.50 0.64 0.00	37.84 0.84 0.00	52.04 1.03 0.00	44.65 0.80 0.00	39.95 0.64 0.00	38.52 0.68 0.00	31.51 0.66 0.00	32.46 0.69 0.00	31.48 0.76 0.00	38.16 0.83 0.00	42.59 1.07 0.00	44.91 1.22 0.00	40.79 1.21 0.00	45.80 1.50 0.00	49.33 1.60 0.00	47.34 1.47 0.00	40.19 1.26 0.00	34.69 1.02 0.00	29.00 0.77 0.00
ALCOA_PA_115KV_PL-6C 55860	38.36 0.10 0.00	32.14 0.02 0.00	30.08 0.06 0.00	25.44 0.05 0.00	25.02 0.10 0.00	30.00 0.14 0.00	37.10 0.11 0.00	51.42 0.41 0.00	44.33 0.49 0.00	39.86 0.55 0.00	38.32 0.47 0.00	31.15 0.29 0.00	32.01 0.24 0.00	30.84 0.11 0.00	37.57 0.24 0.00	41.88 0.36 0.00	44.14 0.44 0.00	40.00 0.41 0.00	44.43 0.13 0.00	47.92 0.19 0.00	46.19 0.31 0.00	39.17 0.25 0.00	33.94 0.27 0.00	28.47 0.24 0.00
ALCOA_RYNLDS___DRP 24188	38.36 0.10 0.00	32.14 0.02 0.00	30.08 0.06 0.00	25.44 0.05 0.00	25.02 0.10 0.00	30.00 0.14 0.00	37.10 0.11 0.00	51.42 0.41 0.00	44.33 0.49 0.00	39.86 0.55 0.00	38.32 0.47 0.00	31.15 0.29 0.00	32.01 0.24 0.00	30.84 0.11 0.00	37.57 0.24 0.00	41.88 0.36 0.00	44.14 0.44 0.00	40.00 0.41 0.00	44.43 0.13 0.00	47.92 0.19 0.00	46.19 0.31 0.00	39.17 0.25 0.00	33.94 0.27 0.00	28.47 0.24 0.00
ALCOA___DSASP 323711	38.36 0.10 0.00	32.14 0.02 0.00	30.08 0.06 0.00	25.43 0.05 0.00	25.02 0.10 0.00	30.00 0.14 0.00	37.10 0.11 0.00	51.42 0.41 0.00	44.33 0.49 0.00	39.86 0.55 0.00	38.32 0.47 0.00	31.15 0.29 0.00	32.01 0.24 0.00	30.84 0.11 0.00	37.57 0.24 0.00	41.88 0.36 0.00	44.14 0.44 0.00	40.00 0.41 0.00	44.43 0.13 0.00	47.92 0.19 0.00	46.19 0.31 0.00	39.18 0.25 0.00	33.93 0.26 0.00	28.47 0.24 0.00
ALLEGHENY___COGEN 23514	38.23 -0.03 0.00	32.07 -0.05 0.00	30.09 0.07 0.00	25.39 0.01 0.00	24.80 -0.13 0.00	29.78 -0.08 0.00	36.81 -0.19 0.00	50.60 -0.41 0.00	43.58 -0.27 0.00	38.82 -0.49 0.00	37.05 -0.80 0.00	30.11 -0.75 0.00	31.15 -0.62 0.00	30.33 -0.39 0.00	37.17 -0.16 0.00	41.42 -0.09 0.00	43.41 -0.28 0.00	38.83 -0.75 0.00	43.67 -0.63 0.00	47.15 -0.58 0.00	45.28 -0.59 0.00	38.39 -0.54 0.00	33.22 -0.45 0.00	27.75 -0.49 0.00
ALTAMONT_115KV_TB 2 55880	39.09 0.83 0.00	32.85 0.73 0.00	30.69 0.67 0.00	25.96 0.58 0.00	25.49 0.57 0.00	30.52 0.66 0.00	37.87 0.87 0.00	52.11 1.11 0.00	44.71 0.87 0.00	39.99 0.68 0.00	38.54 0.69 0.00	31.47 0.61 0.00	32.42 0.65 0.00	31.39 0.67 0.00	38.11 0.79 0.00	42.50 0.98 0.00	44.76 1.06 0.00	40.67 1.08 0.00	45.64 1.34 0.00	49.17 1.44 0.00	47.21 1.34 0.00	40.09 1.16 0.00	34.61 0.95 0.00	28.95 0.71 0.00
ALTONA_WT_PWR 323606	38.48 0.22 0.00	32.29 0.17 0.00	30.21 0.19 0.00	25.54 0.15 0.00	25.09 0.16 0.00	30.15 0.29 0.00	37.55 0.56 0.00	52.01 1.00 0.00	44.71 0.86 0.00	40.68 1.37 0.00	39.22 1.37 0.00	31.57 0.71 0.00	32.22 0.44 0.00	31.33 0.60 0.00	37.49 0.16 0.00	41.79 0.28 0.00	44.09 0.40 0.00	40.13 0.54 0.00	44.43 0.13 0.00	47.96 0.22 0.00	46.21 0.34 0.00	38.82 -0.11 0.00	33.57 -0.10 0.00	28.21 -0.02 0.00
AMERICAN_REF_FUEL 24010	35.25 -3.01 0.00	29.72 -2.40 0.00	27.96 -2.07 0.00	23.64 -1.75 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.45 -3.54 0.00	45.79 -5.22 0.00	39.83 -4.01 0.00	36.06 -3.25 0.00	34.72 -3.13 0.00	28.36 -2.50 0.00	29.18 -2.60 0.00	28.10 -2.62 0.00	34.22 -3.11 0.00	37.80 -3.71 0.00	39.88 -3.82 0.00	35.45 -4.14 0.00	39.50 -4.80 0.00	42.55 -5.19 0.00	40.88 -4.99 0.00	34.93 -4.00 0.00	30.56 -3.10 0.00	25.62 -2.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.06 -1.19 0.00	31.29 -0.83 0.00	29.73 -0.29 0.00	25.14 -0.25 0.00	24.48 -0.45 0.00	29.27 -0.59 0.00	35.87 -1.13 0.00	49.07 -1.94 0.00	41.93 -1.92 0.00	37.53 -1.79 0.00	36.33 -1.52 0.00	30.28 -0.58 0.00	31.72 -0.05 0.00	30.62 -0.10 0.00	36.92 -0.40 0.00	40.66 -0.86 0.00	42.27 -1.43 0.00	36.88 -2.70 0.00	41.75 -2.55 0.00	45.05 -2.69 0.00	43.06 -2.81 0.00	36.46 -2.47 0.00	31.70 -1.97 0.00	26.58 -1.66 0.00
ARTHUR KILL_GT_1 23520	40.47 2.21 0.00	34.16 2.05 0.00	31.85 1.83 0.00	26.90 1.51 0.00	26.40 1.47 0.00	31.66 1.80 0.00	39.41 2.41 0.00	54.18 3.17 0.00	46.34 2.49 0.00	41.69 2.38 0.00	40.15 2.31 0.00	32.90 2.04 0.00	34.02 2.25 0.00	32.97 2.25 0.00	40.09 2.76 0.00	44.51 2.99 0.00	46.71 3.01 0.01	42.52 2.93 0.00	47.38 3.08 0.00	51.00 3.26 0.00	48.91 3.04 0.00	41.73 2.81 0.00	36.18 2.51 0.00	30.12 1.88 0.00
ARTHUR_KILL_2 23512	40.38 2.12 0.00	34.08 1.96 0.00	31.77 1.75 0.00	26.84 1.45 0.00	26.34 1.41 0.00	31.59 1.73 0.00	39.32 2.32 0.00	54.03 3.02 0.00	46.23 2.38 0.00	41.58 2.27 0.00	40.06 2.21 0.00	32.83 1.97 0.00	33.95 2.18 0.00	32.91 2.18 0.00	39.99 2.66 0.00	44.40 2.88 0.00	46.60 2.91 0.01	42.41 2.82 0.00	47.26 2.96 0.00	50.87 3.13 0.00	48.78 2.91 0.00	41.62 2.69 0.00	36.09 2.41 0.00	30.04 1.81 0.00
ARTHUR_KILL_3 23513	40.19 1.93 0.00	33.74 1.62 0.00	31.46 1.44 0.00	26.62 1.23 0.00	26.13 1.21 0.00	31.32 1.47 0.00	39.07 2.07 0.00	53.90 2.89 0.00	46.24 2.40 0.00	41.47 2.16 0.00	39.98 2.14 0.00	32.69 1.83 0.00	33.85 2.08 0.00	32.82 2.10 0.00	39.95 2.62 0.00	44.55 3.03 0.00	46.85 3.16 0.00	42.45 2.86 0.00	47.36 3.06 0.00	50.94 3.20 0.00	48.83 2.96 0.00	41.48 2.55 0.00	35.87 2.20 0.00	29.86 1.63 0.00

ARTHUR_KILL_COGEN 323718	40.47 2.21 0.00	34.16 2.05 0.00	31.85 1.83 0.00	26.90 1.51 0.00	26.40 1.47 0.00	31.66 1.80 0.00	39.41 2.41 0.00	54.18 3.17 0.00	46.34 2.49 0.00	41.69 2.38 0.00	40.15 2.31 0.00	32.90 2.04 0.00	34.02 2.25 0.00	32.97 2.25 0.00	40.09 2.76 0.00	44.51 2.99 0.00	46.71 3.01 0.01	42.52 2.93 0.00	47.38 3.08 0.00	51.00 3.26 0.00	48.91 3.04 0.00	41.73 2.81 0.00	36.18 2.51 0.00	30.12 1.88 0.00
ASHOKAN____ 23654	39.79 1.53 0.00	33.40 1.28 0.00	31.18 1.16 0.00	26.37 0.98 0.00	25.92 0.99 0.00	31.03 1.16 0.00	38.61 1.62 0.00	53.24 2.24 0.00	45.62 1.77 0.00	40.76 1.45 0.00	39.18 1.33 0.00	31.85 0.99 0.00	32.83 1.06 0.00	31.88 1.16 0.00	38.71 1.39 0.00	43.40 1.89 0.00	45.97 2.27 0.00	41.74 2.15 0.00	46.87 2.57 0.00	50.64 2.90 0.00	48.63 2.76 0.00	41.25 2.33 0.00	35.56 1.89 0.00	29.60 1.36 0.00
ASTORIA_EAST_ENERGY_CC1 323581	40.00 1.75 0.01	33.60 1.49 0.01	31.32 1.30 0.01	26.50 1.12 0.01	26.01 1.08 0.00	31.16 1.31 0.01	38.89 1.90 0.01	53.65 2.65 0.01	46.03 2.19 0.00	41.36 2.06 0.01	39.85 2.00 0.00	32.62 1.76 0.00	33.76 1.99 0.00	32.73 2.01 0.00	39.85 2.52 0.00	44.40 2.88 0.00	46.57 2.88 0.00	50.27 2.68 -8.00	49.83 2.81 -2.72	50.73 3.00 0.00	54.91 2.78 -6.26	41.39 2.46 0.00	35.81 2.14 0.00	29.82 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	40.00 1.75 0.01	33.60 1.49 0.01	31.32 1.30 0.01	26.50 1.12 0.01	26.01 1.08 0.00	31.16 1.31 0.01	38.89 1.90 0.01	53.65 2.65 0.01	46.03 2.19 0.00	41.36 2.06 0.01	39.85 2.00 0.00	32.62 1.76 0.00	33.76 1.99 0.00	32.73 2.01 0.00	39.85 2.52 0.00	44.40 2.88 0.00	46.57 2.88 0.00	50.27 2.68 -8.00	49.83 2.81 -2.72	50.73 3.00 0.00	54.91 2.78 -6.26	41.39 2.46 0.00	35.81 2.14 0.00	29.82 1.59 0.00
ASTORIA_GT2_1 24094	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT2_2 24095	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT2_3 24096	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT2_4 24097	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT3_1 24098	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT3_2 24099	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT3_3 24100	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT3_4 24101	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT4_1 24102	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT4_2 24103	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT4_3 24104	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00

ASTORIA_GT4_4 24105	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.52 1.14 0.01	26.01 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.07 2.22 0.00	41.40 2.09 0.00	39.88 2.03 0.00	32.63 1.77 0.00	33.77 1.99 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.61 2.91 0.00	50.33 2.75 -8.00	49.91 2.89 -2.72	50.76 3.02 0.00	55.01 2.88 -6.26	41.41 2.48 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA_GT_1 23523	40.08 1.83 0.01	33.66 1.55 0.01	31.38 1.36 0.01	26.55 1.17 0.01	26.05 1.12 0.00	31.22 1.36 0.01	38.96 1.97 0.01	53.77 2.77 0.01	46.14 2.29 0.00	41.46 2.15 0.01	39.94 2.09 0.00	32.69 1.83 0.00	33.84 2.07 0.00	32.80 2.08 0.00	39.93 2.60 0.00	44.49 2.98 0.00	46.68 2.99 0.00	50.36 2.78 -8.00	49.94 2.92 -2.72	50.85 3.11 0.00	55.01 2.88 -6.26	41.47 2.54 0.00	35.88 2.21 0.00	29.88 1.64 0.00
ASTORIA_GT_10 24110	40.30 2.04 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.73 1.35 0.00	26.19 1.27 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.02 3.01 0.00	46.35 2.51 0.00	41.60 2.29 0.00	40.09 2.24 0.00	32.81 1.95 0.00	33.95 2.18 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.65 3.13 0.00	46.91 3.21 0.00	42.56 2.97 0.00	47.42 3.12 0.00	50.98 3.24 0.00	48.91 3.04 0.00	41.58 2.66 0.00	35.96 2.29 0.00	29.95 1.71 0.00
ASTORIA_GT_11 24225	40.30 2.04 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.73 1.35 0.00	26.19 1.27 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.02 3.01 0.00	46.35 2.51 0.00	41.60 2.29 0.00	40.09 2.24 0.00	32.81 1.95 0.00	33.95 2.18 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.65 3.13 0.00	46.91 3.21 0.00	42.56 2.97 0.00	47.42 3.12 0.00	50.98 3.24 0.00	48.91 3.04 0.00	41.58 2.66 0.00	35.96 2.29 0.00	29.95 1.71 0.00
ASTORIA_GT_12 24226	40.30 2.04 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.73 1.35 0.00	26.19 1.27 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.02 3.01 0.00	46.35 2.51 0.00	41.60 2.29 0.00	40.09 2.24 0.00	32.81 1.95 0.00	33.95 2.18 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.65 3.13 0.00	46.91 3.21 0.00	42.56 2.97 0.00	47.42 3.12 0.00	50.98 3.24 0.00	48.91 3.04 0.00	41.58 2.66 0.00	35.96 2.29 0.00	29.95 1.71 0.00
ASTORIA_GT_13 24227	40.30 2.04 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.73 1.35 0.00	26.19 1.27 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.02 3.01 0.00	46.35 2.51 0.00	41.60 2.29 0.00	40.09 2.24 0.00	32.81 1.95 0.00	33.95 2.18 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.65 3.13 0.00	46.91 3.21 0.00	42.56 2.97 0.00	47.42 3.12 0.00	50.98 3.24 0.00	48.91 3.04 0.00	41.58 2.66 0.00	35.96 2.29 0.00	29.95 1.71 0.00
ASTORIA_GT_5 24106	40.08 1.83 0.01	33.66 1.55 0.01	31.38 1.37 0.01	26.56 1.17 0.01	26.05 1.12 0.00	31.21 1.36 0.01	38.96 1.97 0.01	53.77 2.77 0.01	46.14 2.30 0.00	41.46 2.15 0.00	39.94 2.09 0.00	32.68 1.82 0.00	33.82 2.05 0.00	32.80 2.08 0.00	39.93 2.60 0.00	44.49 2.98 0.00	46.69 2.99 0.00	50.40 2.81 -8.00	49.98 2.97 -2.72	50.85 3.11 0.00	55.09 2.96 -6.26	41.48 2.55 0.00	35.88 2.21 0.00	29.88 1.64 0.00
ASTORIA_GT_7 24107	40.08 1.83 0.01	33.66 1.55 0.01	31.38 1.37 0.01	26.56 1.17 0.01	26.05 1.12 0.00	31.21 1.36 0.01	38.96 1.97 0.01	53.77 2.77 0.01	46.14 2.30 0.00	41.46 2.15 0.00	39.94 2.09 0.00	32.68 1.82 0.00	33.82 2.05 0.00	32.80 2.08 0.00	39.93 2.60 0.00	44.49 2.98 0.00	46.69 2.99 0.00	50.40 2.81 -8.00	49.98 2.97 -2.72	50.85 3.11 0.00	55.09 2.96 -6.26	41.48 2.55 0.00	35.88 2.21 0.00	29.88 1.64 0.00
ASTORIA_GT_8 24108	40.08 1.83 0.01	33.66 1.55 0.01	31.38 1.37 0.01	26.56 1.17 0.01	26.05 1.12 0.00	31.21 1.36 0.01	38.96 1.97 0.01	53.77 2.77 0.01	46.14 2.30 0.00	41.46 2.15 0.00	39.94 2.09 0.00	32.68 1.82 0.00	33.82 2.05 0.00	32.80 2.08 0.00	39.93 2.60 0.00	44.49 2.98 0.00	46.69 2.99 0.00	50.40 2.81 -8.00	49.98 2.97 -2.72	50.85 3.11 0.00	55.09 2.96 -6.26	41.48 2.55 0.00	35.88 2.21 0.00	29.88 1.64 0.00
ASTORIA___2 24149	40.02 1.77 0.01	33.61 1.50 0.01	31.34 1.32 0.01	26.51 1.13 0.01	26.02 1.09 0.00	31.17 1.32 0.01	38.90 1.91 0.01	53.68 2.68 0.01	46.06 2.21 0.00	41.39 2.08 0.01	39.87 2.02 0.00	32.64 1.78 0.00	33.78 2.01 0.00	32.75 2.03 0.00	39.87 2.54 0.00	44.43 2.91 0.00	46.60 2.91 0.00	50.29 2.71 -8.00	49.87 2.85 -2.72	50.76 3.02 0.00	54.93 2.80 -6.26	41.40 2.47 0.00	35.82 2.15 0.00	29.83 1.60 0.00
ASTORIA___3 23516	40.30 2.03 0.00	33.83 1.72 0.00	31.56 1.54 0.00	26.73 1.34 0.00	26.20 1.27 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.60 2.29 0.00	40.09 2.25 0.00	32.81 1.95 0.00	33.96 2.19 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.64 3.13 0.00	46.90 3.21 0.00	42.55 2.96 0.00	47.41 3.10 0.00	50.98 3.24 0.00	48.87 3.00 0.00	41.58 2.65 0.00	35.96 2.29 0.00	29.95 1.71 0.00
ASTORIA___4 23517	40.30 2.04 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.73 1.35 0.00	26.19 1.27 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.60 2.29 0.00	40.08 2.24 0.00	32.81 1.95 0.00	33.95 2.18 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.65 3.13 0.00	46.91 3.21 0.00	42.56 2.97 0.00	47.42 3.12 0.00	50.98 3.24 0.00	48.90 3.03 0.00	41.58 2.66 0.00	35.96 2.29 0.00	29.95 1.71 0.00
ASTORIA___5 23518	40.30 2.03 0.00	33.83 1.72 0.00	31.56 1.54 0.00	26.73 1.34 0.00	26.20 1.27 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.60 2.29 0.00	40.09 2.25 0.00	32.81 1.95 0.00	33.96 2.19 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.64 3.13 0.00	46.90 3.21 0.00	42.55 2.96 0.00	47.41 3.10 0.00	50.98 3.24 0.00	48.87 3.00 0.00	41.58 2.65 0.00	35.96 2.29 0.00	29.95 1.71 0.00
AST_ENERGY_2_CC3 323677	40.32 2.06 0.00	33.85 1.73 0.00	31.57 1.55 0.00	26.71 1.32 0.00	26.23 1.30 0.00	31.42 1.56 0.00	39.20 2.20 0.00	54.07 3.06 0.00	46.39 2.54 0.00	41.59 2.28 0.00	40.11 2.26 0.00	32.80 1.94 0.00	33.95 2.17 0.00	32.92 2.19 0.00	40.05 2.72 0.00	44.67 3.15 0.00	46.97 3.27 0.00	42.58 2.99 0.00	47.48 3.18 0.00	51.08 3.34 0.00	48.96 3.09 0.00	41.60 2.67 0.00	35.99 2.32 0.00	29.95 1.72 0.00
AST_ENERGY_2_CC4 323678	40.32 2.06 0.00	33.85 1.73 0.00	31.57 1.55 0.00	26.71 1.32 0.00	26.23 1.30 0.00	31.42 1.56 0.00	39.20 2.20 0.00	54.07 3.06 0.00	46.39 2.54 0.00	41.59 2.28 0.00	40.11 2.26 0.00	32.80 1.94 0.00	33.95 2.17 0.00	32.92 2.19 0.00	40.05 2.72 0.00	44.67 3.15 0.00	46.97 3.27 0.00	42.58 2.99 0.00	47.48 3.18 0.00	51.08 3.34 0.00	48.96 3.09 0.00	41.60 2.67 0.00	35.99 2.32 0.00	29.95 1.72 0.00

ATHENS_STG_1 23668	39.29 1.03 0.00	32.99 0.88 0.00	30.83 0.81 0.00	26.08 0.70 0.00	25.60 0.67 0.00	30.64 0.79 0.00	38.06 1.06 0.00	52.43 1.42 0.00	45.03 1.18 0.00	40.33 1.01 0.00	38.85 1.01 0.00	31.73 0.87 0.00	32.73 0.96 0.00	31.70 0.97 0.00	38.53 1.20 0.00	42.96 1.44 0.00	45.21 1.51 0.00	41.02 1.43 0.00	45.97 1.66 0.00	49.49 1.75 0.00	47.50 1.63 0.00	40.34 1.41 0.00	34.84 1.18 0.00	29.09 0.86 0.00
ATHENS_STG_2 23670	39.29 1.03 0.00	32.99 0.88 0.00	30.83 0.81 0.00	26.08 0.70 0.00	25.60 0.67 0.00	30.64 0.79 0.00	38.06 1.06 0.00	52.43 1.42 0.00	45.03 1.18 0.00	40.33 1.01 0.00	38.85 1.01 0.00	31.73 0.87 0.00	32.73 0.96 0.00	31.70 0.97 0.00	38.53 1.20 0.00	42.96 1.44 0.00	45.21 1.51 0.00	41.02 1.43 0.00	45.97 1.66 0.00	49.49 1.75 0.00	47.50 1.63 0.00	40.34 1.41 0.00	34.84 1.18 0.00	29.09 0.86 0.00
ATHENS_STG_3 23677	39.29 1.03 0.00	32.99 0.88 0.00	30.83 0.81 0.00	26.08 0.70 0.00	25.60 0.67 0.00	30.64 0.79 0.00	38.06 1.06 0.00	52.43 1.42 0.00	45.03 1.18 0.00	40.33 1.01 0.00	38.85 1.01 0.00	31.73 0.87 0.00	32.73 0.96 0.00	31.70 0.97 0.00	38.53 1.20 0.00	42.96 1.44 0.00	45.21 1.51 0.00	41.02 1.43 0.00	45.97 1.66 0.00	49.49 1.75 0.00	47.50 1.63 0.00	40.34 1.41 0.00	34.84 1.18 0.00	29.09 0.86 0.00
AUBURN___LFGE 323710	38.24 -0.02 0.00	32.12 0.00 0.00	29.95 -0.07 0.00	25.29 -0.10 0.00	24.80 -0.13 0.00	29.82 -0.04 0.00	36.92 -0.07 0.00	50.79 -0.22 0.00	43.65 -0.19 0.00	39.17 -0.14 0.00	37.64 -0.21 0.00	30.62 -0.24 0.00	31.54 -0.24 0.00	30.39 -0.33 0.00	36.99 -0.33 0.00	41.16 -0.35 0.00	43.27 -0.42 0.00	39.05 -0.54 0.00	43.77 -0.54 0.00	47.33 -0.41 0.00	45.47 -0.41 0.00	38.54 -0.39 0.00	33.28 -0.38 0.00	28.01 -0.22 0.00
BABYLON_RES_REC 323704	40.13 1.88 0.00	33.64 1.52 0.00	31.33 1.31 0.00	26.51 1.13 0.00	26.06 1.13 0.00	31.25 1.39 0.00	39.31 2.32 0.00	53.94 2.94 0.00	45.88 2.03 0.00	40.32 1.75 0.74	37.09 1.94 2.69	36.90 1.65 -4.40	34.29 1.79 -0.72	39.46 1.76 -6.98	44.19 2.11 -4.75	49.63 2.41 -5.70	45.92 2.33 0.10	48.01 2.26 -6.16	68.78 2.51 -21.97	69.76 2.67 -19.36	74.89 2.60 -26.41	65.44 2.44 -24.07	36.47 2.80 0.00	29.88 1.65 0.00
BABYLON___69_KV_BK2 356345	40.55 2.29 0.00	33.94 1.83 0.00	31.61 1.58 0.00	26.75 1.36 0.00	26.30 1.37 0.00	31.53 1.68 0.00	39.69 2.70 0.00	54.44 3.43 0.00	46.29 2.37 -0.08	40.49 1.99 0.81	26.79 2.34 13.40	36.62 1.95 -3.82	32.04 2.11 1.84	35.19 2.06 -2.41	42.68 2.47 -2.89	48.85 2.72 -4.61	46.24 2.54 0.00	47.65 2.50 -5.56	68.33 2.72 -21.30	69.61 2.92 -18.95	74.11 2.90 -25.33	65.25 2.76 -23.57	36.90 3.24 0.00	30.13 1.90 0.00
BALL_HILL_WT_PWR 323825	37.02 -1.24 0.00	31.20 -0.91 0.00	29.50 -0.52 0.00	24.88 -0.50 0.00	24.27 -0.66 0.00	29.05 -0.81 0.00	35.62 -1.37 0.00	48.90 -2.11 0.00	42.07 -1.78 0.00	37.75 -1.55 0.00	36.44 -1.41 0.00	30.01 -0.85 0.00	31.25 -0.52 0.00	30.19 -0.53 0.00	36.66 -0.67 0.00	40.45 -1.07 0.00	42.23 -1.47 0.00	37.12 -2.47 0.00	41.82 -2.49 0.00	44.99 -2.75 0.00	43.17 -2.70 0.00	36.54 -2.39 0.00	31.86 -1.80 0.00	26.67 -1.56 0.00
BARON_WINDS___WT_PWR 323822	37.31 -0.95 0.00	31.34 -0.77 0.00	29.45 -0.57 0.00	24.82 -0.57 0.00	24.28 -0.64 0.00	29.18 -0.68 0.00	36.00 -1.00 0.00	49.53 -1.48 0.00	42.64 -1.21 0.00	38.31 -1.00 0.00	36.75 -1.10 0.00	29.86 -1.00 0.00	30.79 -0.99 0.00	29.75 -0.97 0.00	36.77 -0.55 0.00	40.95 -0.57 0.00	42.78 -0.92 0.00	37.93 -1.65 0.00	42.66 -1.65 0.00	45.51 -2.23 0.00	43.48 -2.39 0.00	36.71 -2.22 0.00	31.93 -1.74 0.00	26.69 -1.54 0.00
BARRETT_IC_1 23704	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_10 23701	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	66.37 2.32 -22.53	46.25 2.29 -0.26	-255.81 2.10 297.49	-31.32 2.27 77.89	79.63 2.47 -29.43	-141.44 2.29 189.61	92.61 2.16 -51.53	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_11 23702	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	66.37 2.32 -22.53	46.25 2.29 -0.26	-255.81 2.10 297.49	-31.32 2.27 77.89	79.63 2.47 -29.43	-141.44 2.29 189.61	92.61 2.16 -51.53	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_12 23703	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	66.37 2.32 -22.53	46.25 2.29 -0.26	-255.81 2.10 297.49	-31.32 2.27 77.89	79.63 2.47 -29.43	-141.44 2.29 189.61	92.61 2.16 -51.53	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_2 23705	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_3 23706	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_4 23707	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33

BARRETT_IC_5 23708	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_6 23709	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_7 23710	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.15 0.00	26.37 0.98 0.00	25.92 0.99 0.00	31.07 1.21 0.00	38.95 1.95 0.00	53.41 2.41 0.00	45.65 1.81 0.00	40.96 1.65 0.00	45.26 1.76 -5.65	47.02 1.50 -14.66	47.01 1.71 -13.53	47.02 1.68 -14.62	47.44 2.01 -8.11	107.93 2.32 -64.09	46.74 2.30 -0.75	132.16 2.12 -90.45	110.14 2.30 -63.54	107.53 2.47 -57.33	220.26 2.33 -172.06	113.43 2.17 -72.33	47.28 2.47 -11.14	36.04 1.49 -6.33
BARRETT_IC_8 23711	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT_IC_9 23700	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	66.37 2.32 -22.53	46.25 2.29 -0.26	-255.81 2.10 297.49	-31.32 2.27 77.89	79.63 2.47 -29.43	-141.44 2.29 189.61	92.61 2.16 -51.53	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT___1 23545	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	107.93 2.32 -64.09	46.74 2.29 -0.75	132.14 2.10 -90.45	110.11 2.27 -63.54	107.53 2.47 -57.33	220.23 2.29 -172.06	113.42 2.16 -72.33	47.18 2.38 -11.14	36.03 1.47 -6.33
BARRETT___2 23546	39.90 1.64 0.00	33.45 1.33 0.00	31.17 1.14 0.00	26.37 0.98 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.94 1.95 0.00	53.41 2.40 0.00	45.65 1.80 0.00	40.96 1.65 0.00	45.26 1.77 -5.65	47.02 1.50 -14.66	47.02 1.71 -13.53	47.02 1.68 -14.62	47.45 2.02 -8.11	66.37 2.32 -22.53	46.25 2.29 -0.26	-255.81 2.10 297.49	-31.32 2.27 77.89	79.63 2.47 -29.43	-141.44 2.29 189.61	92.61 2.16 -51.53	47.18 2.38 -11.14	36.03 1.47 -6.33
BATAVIA__115KV_TB1 55881	36.79 -1.48 0.00	30.94 -1.17 0.00	29.07 -0.95 0.00	24.56 -0.83 0.00	23.94 -0.99 0.00	28.64 -1.22 0.00	35.11 -1.88 0.00	48.27 -2.74 0.00	41.95 -1.90 0.00	37.86 -1.45 0.00	36.30 -1.55 0.00	29.59 -1.27 0.00	30.55 -1.22 0.00	29.47 -1.25 0.00	35.92 -1.41 0.00	39.76 -1.75 0.00	41.73 -1.96 0.00	37.34 -2.25 0.00	41.77 -2.53 0.00	45.05 -2.69 0.00	43.27 -2.60 0.00	36.82 -2.11 0.00	32.09 -1.58 0.00	26.84 -1.39 0.00
BAYONEEC___CTG1 323682	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG10 323750	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG2 323683	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG3 323684	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG4 323685	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG5 323686	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG6 323687	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00

BAYONEEC___CTG7 323688	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG8 323689	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BAYONEEC___CTG9 323749	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.02 0.00	46.36 2.51 0.00	41.56 2.25 0.00	40.08 2.24 0.00	32.79 1.93 0.00	33.94 2.17 0.00	32.90 2.18 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.53 2.95 0.00	47.44 3.14 0.00	51.03 3.29 0.00	48.91 3.04 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BEACON___LESR 323632	39.11 0.86 0.00	32.93 0.81 0.00	30.73 0.71 0.00	25.99 0.60 0.00	25.58 0.66 0.00	30.70 0.84 0.00	38.05 1.05 0.00	52.25 1.25 0.00	44.90 1.06 0.00	40.14 0.83 0.00	38.66 0.82 0.00	31.62 0.76 0.00	32.56 0.78 0.00	31.57 0.85 0.00	38.35 1.03 0.00	42.75 1.24 0.00	45.14 1.44 0.00	41.00 1.41 0.00	46.16 1.86 0.00	49.69 1.95 0.00	47.57 1.70 0.00	40.44 1.51 0.00	34.80 1.14 0.00	29.10 0.86 0.00
BEAVER RIVER___HYD 24048	38.12 -0.14 0.00	31.87 -0.25 0.00	29.70 -0.32 0.00	25.17 -0.22 0.00	24.91 -0.01 0.00	30.00 0.14 0.00	37.22 0.22 0.00	51.33 0.32 0.00	43.87 0.02 0.00	39.30 0.00 0.00	37.45 -0.40 0.00	30.34 -0.52 0.00	31.41 -0.36 0.00	30.57 -0.15 0.00	37.18 -0.15 0.00	41.67 0.16 0.00	43.77 0.08 0.00	39.52 -0.06 0.00	43.88 -0.42 0.00	47.84 0.10 0.00	46.19 0.31 0.00	38.87 -0.06 0.00	33.35 -0.31 0.00	27.69 -0.55 0.00
BEEBEE_GT_13 23619	36.89 -1.37 0.00	31.02 -1.09 0.00	29.11 -0.91 0.00	24.59 -0.80 0.00	24.02 -0.91 0.00	28.72 -1.14 0.00	35.31 -1.69 0.00	48.58 -2.43 0.00	42.16 -1.68 0.00	38.03 -1.28 0.00	36.57 -1.28 0.00	29.84 -1.02 0.00	30.81 -0.96 0.00	29.73 -0.98 0.00	36.18 -1.14 0.00	40.08 -1.43 0.00	42.15 -1.55 0.00	37.82 -1.77 0.00	42.27 -2.03 0.00	45.58 -2.15 0.00	43.80 -2.07 0.00	37.21 -1.72 0.00	32.32 -1.35 0.00	27.11 -1.13 0.00
BENSHRST_27_KV_BENSHRST_1 355998	40.70 2.44 0.00	34.22 2.10 0.00	31.89 1.87 0.00	26.97 1.58 0.00	26.45 1.52 0.00	31.73 1.87 0.00	39.56 2.56 0.00	54.52 3.51 0.00	46.79 2.94 0.00	42.07 2.76 0.00	40.51 2.66 0.00	33.18 2.31 0.00	34.34 2.57 0.00	33.30 2.58 0.00	40.50 3.18 0.00	45.09 3.57 0.00	47.36 3.66 0.00	42.98 3.39 0.00	47.87 3.57 0.00	51.52 3.78 0.00	49.42 3.55 0.00	42.05 3.12 0.00	36.40 2.73 0.00	30.29 2.06 0.00
BETHLEHEM___GRP 23843	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.46 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.28 0.00	31.20 0.34 0.00	32.13 0.36 0.00	31.15 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.74 0.00	45.27 0.97 0.00	48.78 1.05 0.00	46.82 0.95 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
BETHLEHEM___GS1 323560	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.47 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.29 0.00	31.20 0.34 0.00	32.14 0.36 0.00	31.16 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.73 0.00	45.27 0.97 0.00	48.78 1.04 0.00	46.81 0.94 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
BETHLEHEM___GS2 323561	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.47 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.29 0.00	31.20 0.34 0.00	32.14 0.36 0.00	31.16 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.73 0.00	45.27 0.97 0.00	48.78 1.04 0.00	46.81 0.94 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
BETHLEHEM___GS3 323562	38.61 0.35 0.00	32.51 0.39 0.00	30.39 0.37 0.00	25.71 0.32 0.00	25.26 0.34 0.00	30.21 0.35 0.00	37.46 0.47 0.00	51.49 0.48 0.00	44.19 0.34 0.00	39.55 0.24 0.00	38.13 0.29 0.00	31.20 0.34 0.00	32.14 0.36 0.00	31.16 0.43 0.00	37.73 0.41 0.00	42.10 0.58 0.00	44.37 0.67 0.00	40.32 0.73 0.00	45.27 0.97 0.00	48.78 1.04 0.00	46.81 0.94 0.00	39.75 0.83 0.00	34.33 0.66 0.00	28.72 0.49 0.00
BETHLEHEM___STEEL 23779	36.33 -1.93 0.00	30.60 -1.52 0.00	28.80 -1.23 0.00	24.31 -1.08 0.00	23.68 -1.25 0.00	28.29 -1.57 0.00	34.59 -2.41 0.00	47.49 -3.51 0.00	41.28 -2.57 0.00	37.27 -2.04 0.00	35.89 -1.96 0.00	29.29 -1.56 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.57 -1.76 0.00	39.29 -2.23 0.00	41.27 -2.42 0.00	36.68 -2.91 0.00	41.00 -3.30 0.00	44.12 -3.61 0.00	42.33 -3.54 0.00	36.02 -2.90 0.00	31.44 -2.22 0.00	26.32 -1.91 0.00
BETHLHEM_115KV_TB1 79974	38.72 0.46 0.00	32.58 0.46 0.00	30.45 0.43 0.00	25.77 0.38 0.00	25.32 0.39 0.00	30.28 0.42 0.00	37.55 0.55 0.00	51.63 0.63 0.00	44.31 0.46 0.00	39.66 0.35 0.00	38.23 0.39 0.00	31.27 0.41 0.00	32.21 0.43 0.00	31.22 0.50 0.00	37.83 0.51 0.00	42.21 0.69 0.00	44.49 0.79 0.00	40.42 0.83 0.00	45.36 1.06 0.00	48.88 1.14 0.00	46.92 1.04 0.00	39.84 0.91 0.00	34.41 0.74 0.00	28.78 0.54 0.00
BETHPAGE_CC_5 323564	40.08 1.82 0.00	33.60 1.48 0.00	31.30 1.27 0.00	26.49 1.10 0.00	26.03 1.11 0.00	31.21 1.35 0.00	39.21 2.21 0.00	53.79 2.78 0.00	45.88 2.04 0.00	41.11 1.80 0.00	41.67 1.91 -1.92	37.77 1.65 -5.26	35.85 1.82 -2.25	42.04 1.80 -9.52	45.40 2.19 -5.89	52.05 2.49 -8.04	46.13 2.34 -0.09	51.98 2.28 -10.11	71.65 2.50 -24.85	71.90 2.68 -21.48	81.24 2.57 -32.80	68.20 2.37 -26.90	36.71 2.68 -0.36	30.06 1.62 -0.20
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.41 -1.85 0.00	30.66 -1.46 0.00	28.84 -1.18 0.00	24.36 -1.03 0.00	23.73 -1.20 0.00	28.35 -1.51 0.00	34.69 -2.31 0.00	47.66 -3.35 0.00	41.40 -2.45 0.00	37.38 -1.93 0.00	35.98 -1.87 0.00	29.37 -1.49 0.00	30.29 -1.49 0.00	29.23 -1.49 0.00	35.68 -1.65 0.00	39.42 -2.10 0.00	41.40 -2.30 0.00	36.79 -2.80 0.00	41.14 -3.17 0.00	44.25 -3.49 0.00	42.46 -3.41 0.00	36.10 -2.83 0.00	31.51 -2.16 0.00	26.37 -1.86 0.00

BINGHAMTON___COGEN 23790	38.31 0.05 0.00	32.19 0.08 0.00	30.14 0.12 0.00	25.43 0.04 0.00	24.94 0.01 0.00	29.90 0.04 0.00	37.03 0.03 0.00	51.01 0.01 0.00	43.87 0.02 0.00	39.31 0.00 0.00	37.85 0.00 0.00	30.87 0.01 0.00	31.80 0.03 0.00	30.77 0.04 0.00	37.55 0.22 0.00	41.73 0.22 0.00	43.81 0.12 0.00	39.40 -0.18 0.00	44.25 -0.05 0.00	47.52 -0.21 0.00	45.65 -0.22 0.00	38.64 -0.29 0.00	33.48 -0.19 0.00	27.99 -0.24 0.00
BIXINCNT_115KV_LOAD 355685	36.76 -1.51 0.00	30.98 -1.13 0.00	29.13 -0.90 0.00	24.67 -0.72 0.00	24.12 -0.81 0.00	28.87 -0.99 0.00	35.45 -1.55 0.00	48.83 -2.18 0.00	42.27 -1.57 0.00	38.02 -1.29 0.00	36.50 -1.34 0.00	29.49 -1.37 0.00	30.47 -1.30 0.00	29.85 -0.88 0.00	36.52 -0.81 0.00	40.34 -1.18 0.00	42.11 -1.59 0.00	37.24 -2.35 0.00	41.84 -2.46 0.00	44.88 -2.86 0.00	42.95 -2.92 0.00	36.26 -2.67 0.00	31.66 -2.01 0.00	26.33 -1.90 0.00
BLACK RIVER___HYD 24047	38.17 -0.09 0.00	31.90 -0.22 0.00	29.73 -0.30 0.00	25.19 -0.20 0.00	24.96 0.03 0.00	30.09 0.23 0.00	37.42 0.42 0.00	51.57 0.56 0.00	43.90 0.05 0.00	39.43 0.12 0.00	37.45 -0.40 0.00	30.24 -0.62 0.00	31.32 -0.45 0.00	30.69 -0.03 0.00	37.21 -0.12 0.00	41.82 0.30 0.00	43.72 0.02 0.00	39.45 -0.14 0.00	43.80 -0.50 0.00	47.90 0.17 0.00	46.35 0.47 0.00	38.98 0.06 0.00	33.38 -0.29 0.00	27.72 -0.52 0.00
BLACKRVR_115KV_TB2 79977	38.17 -0.09 0.00	31.90 -0.22 0.00	29.73 -0.30 0.00	25.19 -0.20 0.00	24.96 0.03 0.00	30.09 0.23 0.00	37.42 0.42 0.00	51.57 0.56 0.00	43.89 0.05 0.00	39.43 0.12 0.00	37.45 -0.40 0.00	30.24 -0.62 0.00	31.32 -0.45 0.00	30.69 -0.03 0.00	37.20 -0.12 0.00	41.81 0.30 0.00	43.72 0.02 0.00	39.45 -0.14 0.00	43.79 -0.51 0.00	47.90 0.16 0.00	46.34 0.47 0.00	38.98 0.06 0.00	33.38 -0.29 0.00	27.72 -0.52 0.00
BLISS_WT_PWR 323608	36.72 -1.54 0.00	30.95 -1.16 0.00	29.09 -0.93 0.00	24.67 -0.72 0.00	24.12 -0.81 0.00	28.88 -0.98 0.00	35.46 -1.54 0.00	48.86 -2.15 0.00	42.29 -1.56 0.00	38.01 -1.30 0.00	36.45 -1.39 0.00	29.36 -1.50 0.00	30.34 -1.43 0.00	29.85 -0.88 0.00	36.54 -0.78 0.00	40.38 -1.14 0.00	42.09 -1.61 0.00	37.21 -2.37 0.00	41.81 -2.49 0.00	44.82 -2.91 0.00	42.87 -3.00 0.00	36.14 -2.79 0.00	31.55 -2.12 0.00	26.20 -2.03 0.00
BLUESTONE___WT_PWR 323821	39.35 1.09 0.00	33.28 1.16 0.00	31.07 1.05 0.00	25.94 0.55 0.00	25.41 0.49 0.00	30.75 0.89 0.00	38.02 1.03 0.00	52.60 1.59 0.00	45.41 1.57 0.00	40.79 1.48 0.00	39.19 1.34 0.00	31.82 0.96 0.00	32.53 0.76 0.00	31.38 0.66 0.00	37.89 0.57 0.00	41.88 0.36 0.00	44.68 0.98 0.00	41.14 1.55 0.00	46.51 2.20 0.00	48.89 1.15 0.00	46.53 0.66 0.00	39.66 0.73 0.00	33.95 0.29 0.00	27.79 -0.44 0.00
BLUE_CIRC_CHEM_DRP 24182	39.15 0.89 0.00	32.93 0.81 0.00	30.78 0.76 0.00	26.04 0.66 0.00	25.58 0.65 0.00	30.61 0.75 0.00	37.94 0.94 0.00	52.13 1.13 0.00	44.62 0.77 0.00	39.83 0.52 0.00	38.37 0.52 0.00	31.34 0.48 0.00	32.29 0.51 0.00	31.30 0.58 0.00	38.05 0.72 0.00	42.46 0.94 0.00	44.77 1.07 0.00	40.70 1.11 0.00	45.74 1.43 0.00	49.30 1.56 0.00	47.31 1.44 0.00	40.19 1.26 0.00	34.71 1.04 0.00	29.03 0.80 0.00
BOC_GAS_DRP 24189	38.96 0.70 0.00	32.75 0.63 0.00	30.60 0.58 0.00	25.89 0.50 0.00	25.42 0.49 0.00	30.42 0.56 0.00	37.74 0.74 0.00	51.93 0.93 0.00	44.60 0.75 0.00	39.92 0.61 0.00	38.47 0.63 0.00	31.42 0.56 0.00	32.38 0.61 0.00	31.36 0.63 0.00	38.07 0.75 0.00	42.44 0.92 0.00	44.70 1.00 0.00	40.58 0.99 0.00	45.51 1.21 0.00	49.03 1.30 0.00	47.07 1.20 0.00	39.97 1.04 0.00	34.52 0.85 0.00	28.86 0.63 0.00
BOONVILLE_115KV_TB1 79983	38.79 0.53 0.00	32.48 0.36 0.00	30.32 0.29 0.00	25.66 0.27 0.00	25.29 0.36 0.00	30.40 0.54 0.00	37.73 0.73 0.00	51.98 0.97 0.00	44.59 0.74 0.00	39.88 0.57 0.00	38.21 0.36 0.00	31.06 0.20 0.00	32.08 0.31 0.00	31.08 0.36 0.00	37.77 0.45 0.00	42.14 0.62 0.00	44.47 0.77 0.00	40.23 0.65 0.00	44.91 0.61 0.00	48.63 0.90 0.00	46.83 0.95 0.00	39.54 0.61 0.00	34.05 0.38 0.00	28.36 0.13 0.00
BORALEX_4TH_BRANCH 23824	39.68 1.42 0.00	33.31 1.19 0.00	31.14 1.11 0.00	26.34 0.96 0.00	25.95 1.02 0.00	31.06 1.20 0.00	38.34 1.34 0.00	52.77 1.76 0.00	45.28 1.43 0.00	40.51 1.20 0.00	39.07 1.22 0.00	31.79 0.93 0.00	32.72 0.95 0.00	31.64 0.91 0.00	38.39 1.06 0.00	42.93 1.42 0.00	45.31 1.61 0.00	41.21 1.63 0.00	46.45 2.14 0.00	50.09 2.35 0.00	48.06 2.19 0.00	40.82 1.89 0.00	35.21 1.54 0.00	29.39 1.16 0.00
BOWLINE___1 23526	39.74 1.48 0.00	33.35 1.23 0.00	31.12 1.10 0.00	26.31 0.92 0.00	25.84 0.92 0.00	30.98 1.12 0.00	38.63 1.63 0.00	53.28 2.27 0.00	45.66 1.81 0.00	40.88 1.57 0.00	39.42 1.57 0.00	32.22 1.36 0.00	33.33 1.56 0.00	32.30 1.58 0.00	39.34 2.02 0.00	43.90 2.38 0.00	46.21 2.51 0.00	41.83 2.24 0.00	46.78 2.47 0.00	50.33 2.59 0.00	48.29 2.42 0.00	40.99 2.06 0.00	35.41 1.74 0.00	29.49 1.26 0.00
BOWLINE___2 23595	39.74 1.48 0.00	33.35 1.23 0.00	31.12 1.10 0.00	26.31 0.92 0.00	25.84 0.92 0.00	30.98 1.12 0.00	38.62 1.63 0.00	53.28 2.27 0.00	45.66 1.81 0.00	40.88 1.57 0.00	39.42 1.57 0.00	32.21 1.35 0.00	33.32 1.55 0.00	32.30 1.58 0.00	39.34 2.02 0.00	43.90 2.38 0.00	46.21 2.51 0.00	41.83 2.25 0.00	46.78 2.47 0.00	50.33 2.59 0.00	48.29 2.42 0.00	40.99 2.06 0.00	35.41 1.74 0.00	29.49 1.26 0.00
BRADY___115KV_TB2 356060	38.59 0.33 0.00	32.32 0.21 0.00	30.24 0.22 0.00	25.57 0.18 0.00	25.17 0.24 0.00	30.20 0.34 0.00	37.34 0.34 0.00	51.73 0.72 0.00	44.46 0.61 0.00	39.84 0.53 0.00	38.21 0.36 0.00	31.02 0.16 0.00	31.90 0.12 0.00	30.73 0.01 0.00	37.51 0.18 0.00	42.01 0.49 0.00	44.40 0.70 0.00	40.21 0.63 0.00	44.63 0.32 0.00	48.25 0.51 0.00	46.53 0.65 0.00	39.44 0.51 0.00	34.14 0.47 0.00	28.62 0.39 0.00
BRANSCOMB___SOLAR 323811	39.82 1.56 0.00	33.42 1.31 0.00	31.24 1.22 0.00	26.43 1.04 0.00	26.01 1.08 0.00	31.20 1.34 0.00	38.80 1.80 0.00	53.33 2.32 0.00	45.66 1.81 0.00	40.65 1.34 0.00	39.05 1.20 0.00	31.89 1.03 0.00	32.77 0.99 0.00	31.63 0.91 0.00	38.31 0.98 0.00	42.77 1.25 0.00	45.01 1.32 0.00	41.11 1.53 0.00	46.27 1.97 0.00	49.82 2.08 0.00	47.81 1.94 0.00	40.53 1.60 0.00	34.96 1.30 0.00	29.41 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	40.47 2.21 0.00	33.86 1.74 0.00	31.53 1.51 0.00	26.69 1.30 0.00	26.23 1.31 0.00	31.45 1.59 0.00	39.61 2.61 0.00	54.30 3.29 0.00	46.13 2.21 -0.08	41.14 1.79 -0.04	31.80 2.31 8.36	36.25 1.92 -3.47	32.76 2.12 1.14	36.66 2.07 -3.87	43.11 2.44 -3.34	46.85 2.60 -2.73	46.12 2.26 -0.17	43.52 2.25 -1.68	64.89 2.28 -18.31	66.42 2.36 -16.33	66.10 2.41 -17.82	61.68 2.52 -20.24	36.32 3.10 0.45	29.75 1.77 0.25

BRISTLHL_115KV_TB1 79998	37.46 -0.80 0.00	31.45 -0.66 0.00	29.41 -0.62 0.00	24.86 -0.53 0.00	24.40 -0.53 0.00	29.22 -0.64 0.00	36.14 -0.86 0.00	49.78 -1.22 0.00	42.80 -1.05 0.00	38.37 -0.95 0.00	36.92 -0.92 0.00	30.08 -0.78 0.00	30.95 -0.83 0.00	29.95 -0.77 0.00	36.41 -0.91 0.00	40.36 -1.16 0.00	42.43 -1.27 0.00	38.39 -1.19 0.00	42.97 -1.34 0.00	46.33 -1.40 0.00	44.52 -1.35 0.00	37.77 -1.16 0.00	32.69 -0.98 0.00	27.52 -0.71 0.00
BROOKHAVEN___DRP 24191	39.78 1.52 0.00	33.45 1.33 0.00	31.14 1.12 0.00	26.40 1.01 0.00	25.98 1.05 0.00	31.11 1.25 0.00	39.35 2.35 0.00	53.94 2.93 0.00	43.90 1.31 1.25	-8.03 1.03 48.36	-81.05 1.36 120.26	26.83 1.15 5.18	5.24 1.31 27.85	-10.49 1.31 42.52	23.65 1.52 15.19	26.59 1.65 16.58	31.89 1.45 13.26	38.40 1.53 2.71	63.45 1.81 -17.34	65.39 1.94 -15.71	63.75 2.01 -15.87	60.28 1.91 -19.44	36.07 2.95 0.54	29.30 1.38 0.31
BROOKLYN_NAVY_YARD 23515	40.31 2.05 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.71 1.32 0.00	26.23 1.30 0.00	31.39 1.54 0.00	39.18 2.19 0.00	54.06 3.06 0.00	46.35 2.51 0.00	41.52 2.21 0.00	40.02 2.17 0.00	32.72 1.86 0.00	33.88 2.11 0.00	32.86 2.13 0.00	39.99 2.66 0.00	44.60 3.08 0.00	46.88 3.18 0.00	53.81 2.91 -11.31	51.24 3.09 -3.84	50.99 3.25 0.00	57.73 3.01 -8.85	41.53 2.60 0.00	35.95 2.28 0.00	29.93 1.70 0.00
BROOKLYN___ARMY_DRP 323595	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
BROOKVLE_69_KV_TB1 55790	40.28 2.02 0.00	33.78 1.67 0.00	31.51 1.48 0.00	26.66 1.27 0.00	26.19 1.27 0.00	31.39 1.53 0.00	39.31 2.31 0.00	54.07 3.06 0.00	46.30 2.45 0.00	41.51 2.20 0.00	43.10 2.28 -2.98	40.92 1.95 -8.11	37.94 2.17 -4.00	46.68 2.16 -13.80	48.46 2.66 -8.47	59.72 3.06 -15.14	46.89 3.01 -0.18	74.44 2.86 -31.99	89.24 3.09 -41.85	83.75 3.26 -32.75	114.29 3.08 -65.33	82.77 2.70 -41.14	37.69 2.73 -1.30	30.74 1.77 -0.74
BROOME_2_LFGE 323671	38.31 0.05 0.00	32.19 0.08 0.00	30.14 0.12 0.00	25.43 0.04 0.00	24.94 0.01 0.00	29.90 0.04 0.00	37.03 0.03 0.00	51.01 0.01 0.00	43.87 0.03 0.00	39.32 0.01 0.00	37.84 0.00 0.00	30.87 0.01 0.00	31.80 0.03 0.00	30.77 0.04 0.00	37.54 0.21 0.00	41.73 0.21 0.00	43.81 0.12 0.00	39.40 -0.18 0.00	44.25 -0.05 0.00	47.52 -0.21 0.00	45.66 -0.22 0.00	38.64 -0.29 0.00	33.48 -0.19 0.00	27.99 -0.24 0.00
BROOME___LFGE 323600	38.31 0.05 0.00	32.19 0.08 0.00	30.14 0.12 0.00	25.43 0.04 0.00	24.94 0.01 0.00	29.90 0.04 0.00	37.03 0.03 0.00	51.01 0.01 0.00	43.87 0.03 0.00	39.32 0.01 0.00	37.84 0.00 0.00	30.87 0.01 0.00	31.80 0.03 0.00	30.77 0.04 0.00	37.54 0.21 0.00	41.73 0.21 0.00	43.81 0.12 0.00	39.40 -0.18 0.00	44.25 -0.05 0.00	47.52 -0.21 0.00	45.66 -0.22 0.00	38.64 -0.29 0.00	33.48 -0.19 0.00	27.99 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	37.64 -0.62 0.00	31.48 -0.63 0.00	29.38 -0.64 0.00	24.88 -0.51 0.00	24.58 -0.35 0.00	29.55 -0.31 0.00	36.53 -0.47 0.00	50.50 -0.51 0.00	43.28 -0.57 0.00	38.81 -0.51 0.00	37.08 -0.77 0.00	30.05 -0.81 0.00	31.03 -0.74 0.00	30.13 -0.58 0.00	36.72 -0.60 0.00	41.15 -0.36 0.00	43.29 -0.41 0.00	39.04 -0.55 0.00	43.34 -0.97 0.00	47.05 -0.68 0.00	45.42 -0.46 0.00	38.32 -0.61 0.00	33.00 -0.67 0.00	27.51 -0.73 0.00
BROWNSV1_27_KV_LOAD 356125	40.61 2.35 0.00	34.08 1.97 0.00	31.78 1.76 0.00	26.89 1.50 0.00	26.40 1.47 0.00	31.63 1.77 0.00	39.48 2.48 0.00	54.49 3.48 0.00	46.76 2.91 0.00	41.94 2.63 0.00	40.44 2.59 0.00	33.07 2.21 0.00	34.22 2.45 0.00	33.18 2.46 0.00	40.39 3.06 0.00	45.05 3.53 0.00	47.36 3.67 0.00	42.94 3.35 0.00	47.86 3.56 0.00	51.48 3.74 0.00	49.36 3.49 0.00	41.92 2.99 0.00	36.26 2.59 0.00	30.18 1.94 0.00
BURROWS___LYONSDAL 23803	38.62 0.36 0.00	32.32 0.20 0.00	30.15 0.13 0.00	25.53 0.15 0.00	25.20 0.28 0.00	30.31 0.45 0.00	37.61 0.61 0.00	51.82 0.82 0.00	44.42 0.57 0.00	39.74 0.43 0.00	38.01 0.16 0.00	30.89 0.03 0.00	31.93 0.15 0.00	30.96 0.24 0.00	37.63 0.31 0.00	42.02 0.51 0.00	44.30 0.60 0.00	40.06 0.48 0.00	44.67 0.36 0.00	48.45 0.72 0.00	46.67 0.80 0.00	39.37 0.44 0.00	33.86 0.19 0.00	28.17 -0.07 0.00
CAITHNESS_CC_1 323624	39.79 1.53 0.00	33.43 1.31 0.00	31.13 1.10 0.00	26.38 1.00 0.00	25.96 1.03 0.00	31.09 1.23 0.00	39.29 2.29 0.00	53.85 2.84 0.00	43.98 1.38 1.25	-7.95 1.12 48.38	-81.07 1.42 120.34	26.88 1.21 5.19	5.29 1.38 27.87	-10.46 1.37 42.56	23.71 1.60 15.21	26.65 1.74 16.60	31.97 1.54 13.26	38.41 1.56 2.73	63.47 1.85 -17.32	65.42 1.98 -15.70	63.73 2.03 -15.83	60.32 1.96 -19.43	35.95 2.83 0.55	29.30 1.38 0.31
CALPINE BETH_PAGE_GT4 24209	40.03 1.78 0.00	33.56 1.44 0.00	31.27 1.24 0.00	26.46 1.07 0.00	26.01 1.08 0.00	31.18 1.32 0.00	39.15 2.15 0.00	53.69 2.68 0.00	45.81 1.96 0.00	41.04 1.73 0.00	41.86 1.83 -2.18	38.39 1.58 -5.95	36.32 1.75 -2.80	42.81 1.73 -10.35	45.82 2.12 -6.37	54.21 2.42 -10.27	46.03 2.21 -0.12	56.50 2.18 -14.74	74.91 2.37 -28.24	74.31 2.54 -24.04	88.72 2.44 -40.42	71.37 2.23 -30.21	37.08 2.66 -0.76	30.25 1.58 -0.43
CALPINE_BETH_PAGE_GT_4 323586	40.03 1.78 0.00	33.56 1.44 0.00	31.27 1.24 0.00	26.46 1.07 0.00	26.00 1.07 0.00	31.18 1.32 0.00	39.15 2.15 0.00	53.68 2.67 0.00	45.80 1.96 0.00	41.04 1.73 0.00	41.86 1.83 -2.18	38.40 1.59 -5.95	36.33 1.76 -2.80	42.81 1.74 -10.35	45.82 2.12 -6.37	54.21 2.42 -10.27	46.02 2.21 -0.12	56.49 2.16 -14.74	74.90 2.36 -28.24	74.31 2.53 -24.04	88.70 2.41 -40.42	71.37 2.23 -30.21	37.03 2.60 -0.76	30.23 1.57 -0.43
CALPINE_BP_GT1 23823	40.03 1.78 0.00	33.56 1.44 0.00	31.27 1.24 0.00	26.46 1.07 0.00	26.00 1.07 0.00	31.18 1.32 0.00	39.15 2.15 0.00	53.68 2.67 0.00	45.80 1.96 0.00	41.04 1.73 0.00	41.86 1.83 -2.18	38.40 1.59 -5.95	36.33 1.76 -2.80	42.81 1.74 -10.35	45.82 2.12 -6.37	54.21 2.42 -10.27	46.02 2.21 -0.12	56.49 2.16 -14.74	74.90 2.36 -28.24	74.31 2.53 -24.04	88.70 2.41 -40.42	71.37 2.23 -30.21	37.03 2.60 -0.76	30.23 1.57 -0.43
CALSPAN___DRP 24200	36.33 -1.93 0.00	30.60 -1.52 0.00	28.80 -1.23 0.00	24.31 -1.08 0.00	23.68 -1.25 0.00	28.29 -1.57 0.00	34.59 -2.41 0.00	47.49 -3.51 0.00	41.28 -2.57 0.00	37.27 -2.04 0.00	35.89 -1.96 0.00	29.29 -1.56 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.57 -1.76 0.00	39.29 -2.23 0.00	41.27 -2.42 0.00	36.68 -2.91 0.00	41.00 -3.30 0.00	44.12 -3.61 0.00	42.33 -3.54 0.00	36.02 -2.90 0.00	31.44 -2.22 0.00	26.32 -1.91 0.00

CALVERTON___SOLAR 323806	39.77 1.51 0.00	33.45 1.34 0.00	31.14 1.11 0.00	26.40 1.02 0.00	25.98 1.05 0.00	31.12 1.26 0.00	39.40 2.40 0.00	54.00 2.99 0.00	43.93 1.25 1.16	-6.15 0.93 46.39	-81.11 1.34 120.29	26.91 1.10 5.04	5.17 1.25 27.85	-10.55 1.26 42.53	23.59 1.46 15.20	26.86 1.57 16.23	32.43 1.39 12.66	38.52 1.45 2.51	63.43 1.78 -17.34	65.35 1.90 -15.72	63.72 1.97 -15.88	60.26 1.89 -19.45	36.06 2.94 0.54	29.26 1.34 0.31
CANDIGU_WT_PWR 323617	37.31 -0.95 0.00	31.34 -0.77 0.00	29.45 -0.57 0.00	24.82 -0.57 0.00	24.28 -0.64 0.00	29.18 -0.68 0.00	36.00 -1.00 0.00	49.53 -1.48 0.00	42.64 -1.21 0.00	38.31 -1.00 0.00	36.75 -1.10 0.00	29.86 -1.00 0.00	30.79 -0.99 0.00	29.75 -0.97 0.00	36.77 -0.55 0.00	40.95 -0.57 0.00	42.78 -0.92 0.00	37.93 -1.65 0.00	42.66 -1.65 0.00	45.51 -2.23 0.00	43.48 -2.39 0.00	36.71 -2.22 0.00	31.93 -1.74 0.00	26.69 -1.54 0.00
CARR STREET_E_SYR 24060	37.77 -0.49 0.00	31.71 -0.40 0.00	29.66 -0.37 0.00	25.07 -0.32 0.00	24.59 -0.33 0.00	29.46 -0.40 0.00	36.47 -0.53 0.00	50.23 -0.78 0.00	43.20 -0.65 0.00	38.72 -0.59 0.00	37.29 -0.55 0.00	30.38 -0.48 0.00	31.26 -0.52 0.00	30.23 -0.49 0.00	36.73 -0.59 0.00	40.79 -0.72 0.00	42.90 -0.80 0.00	38.73 -0.85 0.00	43.37 -0.93 0.00	46.73 -1.01 0.00	44.90 -0.97 0.00	38.08 -0.85 0.00	32.97 -0.70 0.00	27.72 -0.51 0.00
CARTHAGE___PAPER 23857	38.39 0.13 0.00	32.09 -0.03 0.00	29.91 -0.12 0.00	25.34 -0.05 0.00	25.10 0.17 0.00	30.25 0.39 0.00	37.57 0.58 0.00	51.80 0.79 0.00	44.15 0.31 0.00	39.58 0.27 0.00	37.68 -0.17 0.00	30.42 -0.43 0.00	31.55 -0.22 0.00	30.82 0.09 0.00	37.39 0.06 0.00	42.01 0.50 0.00	44.07 0.37 0.00	39.77 0.19 0.00	44.15 -0.15 0.00	48.21 0.47 0.00	46.60 0.73 0.00	39.21 0.28 0.00	33.61 -0.06 0.00	27.89 -0.34 0.00
CASSADAGA_WT_PWR 323784	37.18 -1.08 0.00	31.36 -0.76 0.00	29.80 -0.22 0.00	25.26 -0.13 0.00	24.62 -0.31 0.00	29.41 -0.44 0.00	36.10 -0.90 0.00	49.44 -1.57 0.00	42.18 -1.66 0.00	37.76 -1.55 0.00	36.63 -1.22 0.00	30.57 -0.29 0.00	32.02 0.25 0.00	30.91 0.18 0.00	37.24 -0.09 0.00	40.97 -0.54 0.00	42.53 -1.17 0.00	37.15 -2.44 0.00	42.09 -2.21 0.00	45.31 -2.43 0.00	43.28 -2.60 0.00	36.68 -2.25 0.00	31.85 -1.82 0.00	26.70 -1.53 0.00
CE_DUNWOOD___DRP 24194	40.04 1.78 0.00	33.61 1.50 0.00	31.37 1.35 0.00	26.54 1.15 0.00	26.06 1.14 0.00	31.23 1.37 0.00	38.94 1.94 0.00	53.71 2.70 0.00	46.08 2.23 0.00	41.30 1.99 0.00	39.82 1.97 0.00	32.55 1.69 0.00	33.65 1.88 0.00	32.61 1.89 0.00	39.69 2.37 0.00	44.29 2.78 0.00	46.59 2.89 0.00	42.24 2.66 0.00	47.19 2.88 0.00	50.77 3.03 0.00	48.70 2.82 0.00	41.34 2.42 0.00	35.75 2.08 0.00	29.75 1.52 0.00
CE_MILLWOOD___DRP 24193	39.91 1.64 0.00	33.50 1.39 0.00	31.27 1.25 0.00	26.44 1.05 0.00	25.97 1.04 0.00	31.13 1.26 0.00	38.81 1.81 0.00	53.52 2.51 0.00	45.89 2.05 0.00	41.12 1.80 0.00	39.64 1.79 0.00	32.39 1.53 0.00	33.50 1.73 0.00	32.47 1.75 0.00	39.52 2.20 0.00	44.09 2.57 0.00	46.40 2.70 0.00	42.07 2.48 0.00	47.00 2.70 0.00	50.57 2.84 0.00	48.53 2.65 0.00	41.20 2.27 0.00	35.61 1.94 0.00	29.64 1.41 0.00
CE_NYC2_DRP 24202	40.34 2.08 0.00	33.89 1.77 0.00	31.59 1.57 0.00	26.75 1.36 0.00	26.22 1.30 0.00	31.43 1.57 0.00	39.21 2.22 0.00	54.09 3.08 0.00	46.41 2.57 0.00	41.65 2.35 0.00	40.14 2.29 0.00	32.84 1.99 0.00	34.00 2.23 0.00	32.96 2.24 0.00	40.10 2.78 0.00	44.70 3.18 0.00	46.96 3.27 0.00	42.60 3.01 0.00	47.48 3.18 0.00	51.05 3.32 0.00	48.97 3.09 0.00	41.63 2.71 0.00	36.01 2.34 0.00	29.98 1.75 0.00
CE_NYC_DRP 24195	40.35 2.09 0.00	33.87 1.75 0.00	31.60 1.57 0.00	26.74 1.35 0.00	26.25 1.33 0.00	31.45 1.60 0.00	39.25 2.25 0.00	54.16 3.15 0.00	46.48 2.63 0.00	41.70 2.39 0.00	40.22 2.37 0.00	32.88 2.02 0.00	34.04 2.26 0.00	32.98 2.26 0.00	40.13 2.81 0.00	44.76 3.24 0.00	47.07 3.37 0.00	42.66 3.07 0.00	47.56 3.26 0.00	51.15 3.42 0.00	49.04 3.17 0.00	41.64 2.72 0.00	36.02 2.35 0.00	29.98 1.75 0.00
CHAFFEE___LFGE 323603	36.95 -1.31 0.00	31.15 -0.97 0.00	29.27 -0.75 0.00	24.69 -0.70 0.00	24.19 -0.73 0.00	29.03 -0.83 0.00	35.73 -1.27 0.00	49.36 -1.64 0.00	42.68 -1.17 0.00	38.29 -1.02 0.00	36.85 -1.00 0.00	30.24 -0.62 0.00	31.29 -0.49 0.00	30.22 -0.50 0.00	36.88 -0.45 0.00	40.76 -0.75 0.00	42.60 -1.09 0.00	37.72 -1.87 0.00	42.34 -1.96 0.00	45.50 -2.23 0.00	43.64 -2.23 0.00	36.94 -1.99 0.00	32.21 -1.47 0.00	26.85 -1.39 0.00
CHATEAUG_35_KV_LOAD 355732	38.21 -0.05 0.00	32.03 -0.08 0.00	29.97 -0.06 0.00	25.30 -0.09 0.00	24.90 -0.02 0.00	29.90 0.04 0.00	37.10 0.10 0.00	51.46 0.45 0.00	44.25 0.41 0.00	40.03 0.72 0.00	38.54 0.70 0.00	31.27 0.41 0.00	32.02 0.25 0.00	31.08 0.36 0.00	37.26 -0.07 0.00	41.49 -0.03 0.00	43.78 0.09 0.00	39.93 0.34 0.00	44.20 -0.11 0.00	47.71 -0.03 0.00	46.04 0.17 0.00	38.65 -0.28 0.00	33.42 -0.25 0.00	28.09 -0.15 0.00
CHATEAUG_WT_PWR 323614	38.20 -0.07 0.00	32.02 -0.09 0.00	29.96 -0.06 0.00	25.30 -0.09 0.00	24.90 -0.03 0.00	29.89 0.03 0.00	37.09 0.09 0.00	51.43 0.42 0.00	44.26 0.42 0.00	40.04 0.73 0.00	38.55 0.71 0.00	31.30 0.44 0.00	32.05 0.28 0.00	31.11 0.38 0.00	37.31 -0.02 0.00	41.56 0.04 0.00	43.86 0.17 0.00	39.89 0.30 0.00	44.17 -0.13 0.00	47.67 -0.06 0.00	45.95 0.08 0.00	38.61 -0.32 0.00	33.40 -0.27 0.00	28.07 -0.16 0.00
CHAT_HIGH_FALL_HYD 323578	38.21 -0.05 0.00	32.03 -0.08 0.00	29.97 -0.06 0.00	25.30 -0.09 0.00	24.90 -0.02 0.00	29.90 0.04 0.00	37.10 0.10 0.00	51.46 0.45 0.00	44.25 0.41 0.00	40.03 0.72 0.00	38.54 0.70 0.00	31.27 0.41 0.00	32.02 0.25 0.00	31.08 0.36 0.00	37.26 -0.07 0.00	41.49 -0.03 0.00	43.78 0.09 0.00	39.93 0.34 0.00	44.20 -0.11 0.00	47.71 -0.03 0.00	46.04 0.17 0.00	38.65 -0.28 0.00	33.42 -0.25 0.00	28.09 -0.15 0.00
CHAUTAUQUA___LFGE 323629	37.25 -1.01 0.00	31.42 -0.70 0.00	29.75 -0.27 0.00	25.11 -0.28 0.00	24.47 -0.46 0.00	29.30 -0.56 0.00	35.95 -1.05 0.00	49.30 -1.71 0.00	42.28 -1.56 0.00	37.89 -1.42 0.00	36.63 -1.22 0.00	30.31 -0.55 0.00	31.63 -0.14 0.00	30.55 -0.17 0.00	37.00 -0.32 0.00	40.80 -0.71 0.00	42.53 -1.17 0.00	37.25 -2.33 0.00	42.06 -2.24 0.00	45.28 -2.45 0.00	43.40 -2.47 0.00	36.71 -2.22 0.00	31.98 -1.69 0.00	26.77 -1.47 0.00
CHERRYST_13_KV_LD 356241	40.45 2.19 0.00	33.96 1.84 0.00	31.68 1.66 0.00	26.80 1.41 0.00	26.31 1.39 0.00	31.54 1.69 0.00	39.36 2.36 0.00	54.32 3.31 0.00	46.63 2.78 0.00	41.84 2.53 0.00	40.36 2.51 0.00	33.00 2.14 0.00	34.16 2.38 0.00	33.10 2.38 0.00	40.28 2.96 0.00	44.93 3.41 0.00	47.24 3.55 0.00	42.81 3.23 0.00	47.72 3.41 0.00	51.30 3.57 0.00	49.18 3.31 0.00	41.76 2.83 0.00	36.12 2.45 0.00	30.06 1.82 0.00

CHESTROR_138KV_BK263 355645	39.55 1.29 0.00	33.19 1.08 0.00	30.99 0.97 0.00	26.20 0.81 0.00	25.74 0.81 0.00	30.84 0.98 0.00	38.41 1.42 0.00	52.96 1.95 0.00	45.40 1.56 0.00	40.64 1.33 0.00	39.16 1.31 0.00	31.99 1.13 0.00	33.06 1.28 0.00	32.04 1.31 0.00	39.00 1.68 0.00	43.53 2.01 0.00	45.82 2.12 0.00	41.54 1.95 0.00	46.48 2.18 0.00	50.03 2.30 0.00	48.03 2.15 0.00	40.75 1.83 0.00	35.20 1.53 0.00	29.34 1.11 0.00
CH_MIDHUDSON___DRP 24192	39.96 1.70 0.00	33.53 1.42 0.00	31.31 1.28 0.00	26.48 1.10 0.00	26.02 1.09 0.00	31.15 1.29 0.00	38.81 1.81 0.00	53.53 2.52 0.00	45.92 2.08 0.00	41.14 1.83 0.00	39.63 1.79 0.00	32.35 1.49 0.00	33.42 1.65 0.00	32.37 1.66 0.00	39.41 2.09 0.00	43.99 2.47 0.00	46.34 2.64 0.00	42.06 2.47 0.00	47.08 2.78 0.00	50.69 2.95 0.00	48.64 2.76 0.00	41.28 2.35 0.00	35.63 1.96 0.00	29.66 1.43 0.00
CH_MISC_IPPS 23765	40.10 1.84 0.00	33.65 1.53 0.00	31.42 1.39 0.00	26.56 1.17 0.00	26.09 1.16 0.00	31.26 1.40 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.09 2.24 0.00	41.27 1.96 0.00	39.76 1.91 0.00	32.47 1.61 0.00	33.54 1.77 0.00	32.50 1.78 0.00	39.58 2.25 0.00	44.20 2.68 0.00	46.57 2.87 0.00	42.24 2.65 0.00	47.28 2.98 0.00	50.91 3.17 0.00	48.82 2.95 0.00	41.44 2.51 0.00	35.76 2.10 0.00	29.76 1.53 0.00
CH_RES_BVR_FALLS 23983	38.04 -0.22 0.00	31.84 -0.27 0.00	29.75 -0.27 0.00	25.22 -0.17 0.00	24.80 -0.12 0.00	29.73 -0.13 0.00	36.80 -0.19 0.00	50.92 -0.09 0.00	43.84 -0.01 0.00	39.38 0.07 0.00	37.85 0.00 0.00	30.84 -0.02 0.00	31.71 -0.06 0.00	30.60 -0.12 0.00	37.21 -0.12 0.00	41.42 -0.09 0.00	43.62 -0.08 0.00	39.38 -0.20 0.00	44.00 -0.30 0.00	47.52 -0.22 0.00	45.76 -0.12 0.00	38.76 -0.16 0.00	33.46 -0.21 0.00	27.95 -0.28 0.00
CH_RES_NIAGARA 23895	35.28 -2.97 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.66 -1.73 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.43 -3.56 0.00	45.77 -5.24 0.00	39.85 -3.99 0.00	36.08 -3.23 0.00	34.75 -3.10 0.00	28.38 -2.48 0.00	29.22 -2.55 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.70 0.00	39.89 -3.81 0.00	35.47 -4.12 0.00	39.54 -4.77 0.00	42.57 -5.17 0.00	40.91 -4.97 0.00	34.92 -4.01 0.00	30.54 -3.13 0.00	25.62 -2.61 0.00
CH_RES_SYRACUSE 23985	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.17 -0.22 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.47 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.93 -0.58 0.00	43.05 -0.65 0.00	38.89 -0.70 0.00	43.54 -0.76 0.00	46.95 -0.79 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00
CLINTON_WT_PWR 323605	38.20 -0.07 0.00	32.02 -0.09 0.00	29.96 -0.06 0.00	25.30 -0.09 0.00	24.90 -0.03 0.00	29.89 0.03 0.00	37.09 0.09 0.00	51.43 0.42 0.00	44.26 0.42 0.00	40.04 0.73 0.00	38.55 0.71 0.00	31.30 0.44 0.00	32.05 0.28 0.00	31.11 0.38 0.00	37.31 -0.02 0.00	41.56 0.04 0.00	43.86 0.17 0.00	39.89 0.30 0.00	44.17 -0.13 0.00	47.67 -0.06 0.00	45.95 0.08 0.00	38.61 -0.32 0.00	33.40 -0.27 0.00	28.07 -0.16 0.00
CLINTON___LFGE 323618	38.47 0.22 0.00	32.26 0.15 0.00	30.19 0.17 0.00	25.51 0.12 0.00	25.07 0.15 0.00	30.14 0.28 0.00	37.52 0.52 0.00	52.02 1.01 0.00	44.70 0.85 0.00	40.64 1.33 0.00	39.14 1.29 0.00	31.64 0.79 0.00	32.33 0.55 0.00	31.54 0.82 0.00	37.62 0.29 0.00	41.97 0.45 0.00	44.29 0.59 0.00	40.35 0.76 0.00	44.69 0.39 0.00	48.21 0.47 0.00	46.47 0.59 0.00	39.03 0.10 0.00	33.73 0.06 0.00	28.35 0.12 0.00
COBBLENY_34_KV_TB1 80064	36.94 -1.32 0.00	31.15 -0.97 0.00	29.27 -0.75 0.00	24.68 -0.71 0.00	24.19 -0.73 0.00	29.03 -0.83 0.00	35.73 -1.26 0.00	49.37 -1.64 0.00	42.67 -1.18 0.00	38.29 -1.02 0.00	36.87 -0.97 0.00	30.25 -0.60 0.00	31.30 -0.47 0.00	30.22 -0.50 0.00	36.88 -0.44 0.00	40.77 -0.75 0.00	42.60 -1.10 0.00	37.71 -1.88 0.00	42.33 -1.97 0.00	45.49 -2.24 0.00	43.62 -2.26 0.00	36.93 -1.99 0.00	32.20 -1.47 0.00	26.85 -1.38 0.00
COFFEEN___115KV_TB3 355620	38.27 0.01 0.00	31.98 -0.14 0.00	29.82 -0.20 0.00	25.26 -0.13 0.00	25.02 0.09 0.00	30.17 0.31 0.00	37.55 0.56 0.00	51.77 0.76 0.00	44.00 0.15 0.00	39.55 0.24 0.00	37.51 -0.34 0.00	30.27 -0.59 0.00	31.34 -0.44 0.00	30.81 0.08 0.00	37.22 -0.11 0.00	41.88 0.36 0.00	43.77 0.08 0.00	39.46 -0.13 0.00	43.83 -0.47 0.00	47.98 0.24 0.00	46.46 0.59 0.00	39.09 0.16 0.00	33.46 -0.20 0.00	27.78 -0.45 0.00
COLDSPRG_115KV_BK1 355956	37.68 -0.58 0.00	31.75 -0.37 0.00	29.98 -0.04 0.00	25.31 -0.08 0.00	24.72 -0.20 0.00	29.63 -0.23 0.00	36.46 -0.54 0.00	50.21 -0.80 0.00	43.18 -0.67 0.00	38.74 -0.57 0.00	37.45 -0.39 0.00	30.93 0.07 0.00	32.16 0.39 0.00	31.04 0.32 0.00	37.67 0.35 0.00	41.55 0.04 0.00	43.30 -0.40 0.00	38.08 -1.50 0.00	42.91 -1.39 0.00	46.15 -1.58 0.00	44.20 -1.67 0.00	37.41 -1.52 0.00	32.55 -1.12 0.00	27.20 -1.04 0.00
COLONIE_LFGE___ 323577	39.32 1.06 0.00	33.01 0.90 0.00	30.86 0.84 0.00	26.10 0.72 0.00	25.67 0.75 0.00	30.75 0.89 0.00	38.14 1.15 0.00	52.49 1.48 0.00	45.02 1.18 0.00	40.24 0.93 0.00	38.76 0.91 0.00	31.61 0.76 0.00	32.56 0.79 0.00	31.54 0.82 0.00	38.29 0.96 0.00	42.73 1.21 0.00	45.02 1.33 0.00	40.99 1.41 0.00	46.07 1.76 0.00	49.65 1.91 0.00	47.64 1.77 0.00	40.43 1.51 0.00	34.85 1.18 0.00	29.16 0.93 0.00
COOPERNY_115KV_TB1 80082	39.15 0.90 0.00	32.87 0.75 0.00	30.70 0.68 0.00	25.96 0.58 0.00	25.49 0.56 0.00	30.54 0.68 0.00	37.98 0.99 0.00	52.36 1.36 0.00	44.92 1.08 0.00	40.23 0.92 0.00	38.75 0.90 0.00	31.65 0.79 0.00	32.67 0.90 0.00	31.65 0.92 0.00	38.52 1.19 0.00	42.95 1.43 0.00	45.18 1.49 0.00	40.93 1.34 0.00	45.81 1.51 0.00	49.31 1.57 0.00	47.35 1.48 0.00	40.18 1.25 0.00	34.72 1.05 0.00	28.98 0.75 0.00
COPENHAGEN_WT_PWR 323753	38.04 -0.22 0.00	31.78 -0.34 0.00	29.57 -0.45 0.00	25.08 -0.30 0.00	24.89 -0.03 0.00	30.00 0.14 0.00	37.28 0.28 0.00	51.39 0.38 0.00	43.76 -0.09 0.00	39.28 -0.03 0.00	37.32 -0.52 0.00	30.19 -0.67 0.00	31.25 -0.52 0.00	30.58 -0.14 0.00	37.12 -0.20 0.00	41.67 0.16 0.00	43.58 -0.12 0.00	39.32 -0.27 0.00	43.65 -0.66 0.00	47.71 -0.03 0.00	46.15 0.27 0.00	38.81 -0.12 0.00	33.22 -0.44 0.00	27.55 -0.68 0.00
CORNELL_____ 23752	38.76 0.50 0.00	32.54 0.43 0.00	30.43 0.41 0.00	25.69 0.30 0.00	25.20 0.28 0.00	30.24 0.38 0.00	37.49 0.49 0.00	51.56 0.55 0.00	44.28 0.44 0.00	39.59 0.28 0.00	37.99 0.14 0.00	30.78 -0.08 0.00	31.65 -0.12 0.00	30.65 -0.06 0.00	37.49 0.16 0.00	41.85 0.34 0.00	44.01 0.31 0.00	39.71 0.13 0.00	44.69 0.39 0.00	48.19 0.46 0.00	46.29 0.42 0.00	39.18 0.25 0.00	33.83 0.16 0.00	28.29 0.05 0.00

CORONA__69_KV_TB1 355595	40.18 1.92 0.00	33.69 1.57 0.00	31.39 1.36 0.00	26.56 1.17 0.00	26.10 1.17 0.00	31.29 1.43 0.00	39.22 2.22 0.00	53.85 2.84 0.00	46.07 2.23 0.00	41.32 2.01 0.00	45.15 2.11 -5.19	46.41 1.79 -13.76	43.76 2.00 -10.00	50.85 1.97 -18.16	50.43 2.40 -10.71	89.56 2.77 -45.27	47.02 2.80 -0.53	115.61 2.65 -73.38	113.09 2.89 -65.90	106.02 3.08 -55.21	190.32 2.94 -141.51	110.77 2.62 -69.22	43.07 2.72 -6.68	33.75 1.72 -3.79
CORTLAND__115KV_TB3 80093	38.49 0.23 0.00	32.32 0.20 0.00	30.22 0.20 0.00	25.53 0.14 0.00	25.05 0.13 0.00	30.04 0.18 0.00	37.22 0.23 0.00	51.27 0.27 0.00	44.04 0.20 0.00	39.37 0.06 0.00	37.89 0.04 0.00	30.82 -0.03 0.00	31.71 -0.06 0.00	30.69 -0.04 0.00	37.44 0.11 0.00	41.66 0.15 0.00	43.81 0.11 0.00	39.55 -0.04 0.00	44.41 0.11 0.00	47.85 0.11 0.00	45.99 0.11 0.00	38.93 0.01 0.00	33.66 -0.01 0.00	28.19 -0.05 0.00
COXSACKIE__GT 23611	39.93 1.66 0.00	33.56 1.45 0.00	31.36 1.34 0.00	26.52 1.13 0.00	26.08 1.15 0.00	31.24 1.39 0.00	38.84 1.84 0.00	53.41 2.40 0.00	45.65 1.81 0.00	40.51 1.20 0.00	39.03 1.18 0.00	31.81 0.95 0.00	32.63 0.85 0.00	31.70 0.97 0.00	38.50 1.18 0.00	43.09 1.57 0.00	45.74 2.04 0.00	41.64 2.06 0.00	47.09 2.78 0.00	50.85 3.12 0.00	48.80 2.92 0.00	41.38 2.45 0.00	35.63 1.97 0.00	29.73 1.50 0.00
CPV_VALLEY__CC1 323721	39.27 1.01 0.00	32.96 0.84 0.00	30.77 0.75 0.00	26.03 0.64 0.00	25.56 0.64 0.00	30.62 0.76 0.00	38.13 1.13 0.00	52.56 1.55 0.00	45.07 1.23 0.00	40.37 1.06 0.00	38.90 1.05 0.00	31.78 0.92 0.00	32.84 1.06 0.00	31.83 1.11 0.00	38.73 1.40 0.00	43.20 1.68 0.00	45.47 1.77 0.00	41.19 1.61 0.00	46.11 1.80 0.00	49.62 1.88 0.00	47.61 1.74 0.00	40.41 1.49 0.00	34.91 1.25 0.00	29.12 0.89 0.00
CPV_VALLEY__CC2 323722	39.27 1.01 0.00	32.96 0.84 0.00	30.77 0.75 0.00	26.03 0.64 0.00	25.56 0.64 0.00	30.62 0.76 0.00	38.13 1.13 0.00	52.56 1.55 0.00	45.07 1.23 0.00	40.37 1.06 0.00	38.90 1.05 0.00	31.78 0.92 0.00	32.84 1.06 0.00	31.83 1.11 0.00	38.73 1.40 0.00	43.20 1.68 0.00	45.47 1.77 0.00	41.19 1.61 0.00	46.11 1.80 0.00	49.62 1.88 0.00	47.61 1.74 0.00	40.41 1.49 0.00	34.91 1.25 0.00	29.12 0.89 0.00
CRESCENT__HYD 24018	39.32 1.06 0.00	33.01 0.90 0.00	30.86 0.84 0.00	26.10 0.72 0.00	25.67 0.75 0.00	30.75 0.89 0.00	38.14 1.15 0.00	52.49 1.48 0.00	45.02 1.18 0.00	40.24 0.93 0.00	38.76 0.91 0.00	31.61 0.76 0.00	32.56 0.79 0.00	31.54 0.82 0.00	38.29 0.96 0.00	42.73 1.21 0.00	45.02 1.33 0.00	40.99 1.41 0.00	46.07 1.76 0.00	49.65 1.91 0.00	47.64 1.77 0.00	40.43 1.51 0.00	34.85 1.18 0.00	29.16 0.93 0.00
CRICKET__VALLEY_CC1 323756	39.63 1.37 0.00	33.28 1.16 0.00	31.09 1.07 0.00	26.29 0.91 0.00	25.84 0.92 0.00	30.90 1.05 0.00	38.50 1.50 0.00	53.07 2.06 0.00	45.56 1.71 0.00	40.82 1.51 0.00	39.30 1.45 0.00	32.07 1.21 0.00	33.12 1.34 0.00	32.04 1.32 0.00	38.97 1.65 0.00	43.50 1.98 0.00	45.83 2.13 0.00	41.68 2.09 0.00	46.76 2.45 0.00	50.35 2.61 0.00	48.28 2.41 0.00	40.99 2.06 0.00	35.33 1.66 0.00	29.42 1.19 0.00
CRICKET__VALLEY_CC2 323757	39.63 1.37 0.00	33.28 1.16 0.00	31.09 1.07 0.00	26.29 0.91 0.00	25.84 0.92 0.00	30.90 1.05 0.00	38.50 1.50 0.00	53.07 2.06 0.00	45.56 1.71 0.00	40.82 1.51 0.00	39.30 1.45 0.00	32.07 1.21 0.00	33.12 1.34 0.00	32.04 1.32 0.00	38.97 1.65 0.00	43.50 1.98 0.00	45.83 2.13 0.00	41.68 2.09 0.00	46.76 2.45 0.00	50.35 2.61 0.00	48.28 2.41 0.00	40.99 2.06 0.00	35.33 1.66 0.00	29.42 1.19 0.00
CRICKET__VALLEY_CC3 323758	39.63 1.37 0.00	33.28 1.16 0.00	31.09 1.07 0.00	26.29 0.91 0.00	25.84 0.92 0.00	30.90 1.05 0.00	38.50 1.50 0.00	53.07 2.06 0.00	45.56 1.71 0.00	40.82 1.51 0.00	39.30 1.45 0.00	32.07 1.21 0.00	33.12 1.34 0.00	32.04 1.32 0.00	38.97 1.65 0.00	43.50 1.98 0.00	45.83 2.13 0.00	41.68 2.09 0.00	46.76 2.45 0.00	50.35 2.61 0.00	48.28 2.41 0.00	40.99 2.06 0.00	35.33 1.66 0.00	29.42 1.19 0.00
CRUCIBLE_METL_DRP 24180	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.16 -0.23 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.48 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.94 -0.58 0.00	43.05 -0.65 0.00	38.88 -0.71 0.00	43.54 -0.76 0.00	46.95 -0.78 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00
DAHOWA__HYDRO 323763	39.94 1.68 0.00	33.53 1.41 0.00	31.34 1.32 0.00	26.52 1.13 0.00	26.11 1.18 0.00	31.32 1.46 0.00	38.99 2.00 0.00	53.60 2.59 0.00	45.88 2.03 0.00	40.83 1.52 0.00	39.21 1.36 0.00	32.00 1.14 0.00	32.86 1.08 0.00	31.67 0.95 0.00	38.33 1.00 0.00	42.77 1.25 0.00	44.99 1.30 0.00	41.12 1.54 0.00	46.30 2.00 0.00	49.83 2.10 0.00	47.82 1.95 0.00	40.52 1.59 0.00	34.97 1.30 0.00	29.47 1.24 0.00
DANC__LFGE 323619	37.80 -0.46 0.00	31.64 -0.48 0.00	29.50 -0.52 0.00	24.99 -0.40 0.00	24.69 -0.24 0.00	29.68 -0.18 0.00	36.82 -0.18 0.00	50.75 -0.26 0.00	43.36 -0.49 0.00	38.92 -0.39 0.00	37.17 -0.67 0.00	30.14 -0.72 0.00	31.13 -0.65 0.00	30.34 -0.38 0.00	36.82 -0.50 0.00	41.15 -0.37 0.00	43.09 -0.60 0.00	38.89 -0.69 0.00	43.32 -0.98 0.00	47.12 -0.62 0.00	45.51 -0.37 0.00	38.41 -0.51 0.00	33.02 -0.65 0.00	27.54 -0.69 0.00
DANSKAMMER__1 23586	40.10 1.84 0.00	33.65 1.53 0.00	31.42 1.39 0.00	26.56 1.17 0.00	26.09 1.16 0.00	31.26 1.40 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.09 2.24 0.00	41.27 1.96 0.00	39.76 1.91 0.00	32.47 1.61 0.00	33.54 1.77 0.00	32.50 1.78 0.00	39.58 2.25 0.00	44.20 2.68 0.00	46.57 2.87 0.00	42.24 2.65 0.00	47.28 2.98 0.00	50.91 3.17 0.00	48.82 2.95 0.00	41.44 2.51 0.00	35.76 2.10 0.00	29.76 1.53 0.00
DANSKAMMER__2 23589	40.10 1.84 0.00	33.65 1.53 0.00	31.42 1.39 0.00	26.56 1.17 0.00	26.09 1.16 0.00	31.26 1.40 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.09 2.24 0.00	41.27 1.96 0.00	39.76 1.91 0.00	32.47 1.61 0.00	33.54 1.77 0.00	32.50 1.78 0.00	39.58 2.25 0.00	44.20 2.68 0.00	46.57 2.87 0.00	42.24 2.65 0.00	47.28 2.98 0.00	50.91 3.17 0.00	48.82 2.95 0.00	41.44 2.51 0.00	35.76 2.10 0.00	29.76 1.53 0.00
DANSKAMMER__3 23590	40.10 1.84 0.00	33.65 1.53 0.00	31.42 1.39 0.00	26.56 1.17 0.00	26.09 1.16 0.00	31.26 1.40 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.09 2.24 0.00	41.27 1.96 0.00	39.76 1.91 0.00	32.47 1.61 0.00	33.54 1.77 0.00	32.50 1.78 0.00	39.58 2.25 0.00	44.20 2.68 0.00	46.57 2.87 0.00	42.24 2.65 0.00	47.28 2.98 0.00	50.91 3.17 0.00	48.82 2.95 0.00	41.44 2.51 0.00	35.76 2.10 0.00	29.76 1.53 0.00

DANSKAMMER___4 23591	40.10 1.84 0.00	33.65 1.53 0.00	31.42 1.39 0.00	26.56 1.17 0.00	26.09 1.16 0.00	31.26 1.40 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.09 2.24 0.00	41.27 1.96 0.00	39.76 1.91 0.00	32.47 1.61 0.00	33.54 1.77 0.00	32.50 1.78 0.00	39.58 2.25 0.00	44.20 2.68 0.00	46.57 2.87 0.00	42.24 2.65 0.00	47.28 2.98 0.00	50.91 3.17 0.00	48.82 2.95 0.00	41.44 2.51 0.00	35.76 2.10 0.00	29.76 1.53 0.00
DANSKAMMER___DIESEL 23592	40.10 1.84 0.00	33.65 1.53 0.00	31.42 1.39 0.00	26.56 1.17 0.00	26.09 1.16 0.00	31.26 1.40 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.09 2.24 0.00	41.27 1.96 0.00	39.76 1.91 0.00	32.47 1.61 0.00	33.54 1.76 0.00	32.50 1.78 0.00	39.58 2.25 0.00	44.20 2.69 0.00	46.57 2.88 0.00	42.25 2.66 0.00	47.28 2.98 0.00	50.91 3.17 0.00	48.83 2.96 0.00	41.43 2.51 0.00	35.77 2.10 0.00	29.77 1.53 0.00
DARBY___SOLAR 323810	39.84 1.58 0.00	33.44 1.32 0.00	31.26 1.23 0.00	26.45 1.06 0.00	26.03 1.10 0.00	31.22 1.36 0.00	38.82 1.83 0.00	53.38 2.37 0.00	45.70 1.86 0.00	40.69 1.38 0.00	39.09 1.24 0.00	31.91 1.05 0.00	32.79 1.02 0.00	31.64 0.92 0.00	38.30 0.97 0.00	42.75 1.24 0.00	45.00 1.31 0.00	41.11 1.52 0.00	46.27 1.97 0.00	49.80 2.07 0.00	47.81 1.94 0.00	40.51 1.59 0.00	34.96 1.29 0.00	29.44 1.20 0.00
DASHVILLE___HYD 23610	39.84 1.58 0.00	33.43 1.32 0.00	31.21 1.19 0.00	26.40 1.01 0.00	25.92 1.00 0.00	31.04 1.18 0.00	38.65 1.66 0.00	53.32 2.31 0.00	45.76 1.91 0.00	40.99 1.68 0.00	39.46 1.61 0.00	32.21 1.35 0.00	33.27 1.49 0.00	32.24 1.52 0.00	39.22 1.89 0.00	43.81 2.29 0.00	46.18 2.48 0.00	41.86 2.27 0.00	46.86 2.56 0.00	50.48 2.75 0.00	48.44 2.57 0.00	41.12 2.19 0.00	35.49 1.82 0.00	29.55 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	39.50 1.24 0.00	33.22 1.11 0.00	30.92 0.90 0.00	26.22 0.84 0.00	25.83 0.90 0.00	30.96 1.10 0.00	39.26 2.26 0.00	53.83 2.82 0.00	43.54 0.99 1.30	-9.52 0.63 49.46	-80.61 1.67 120.13	26.42 0.80 5.24	4.90 0.94 27.81	-10.80 0.94 42.46	23.35 1.19 15.17	26.12 1.34 16.74	31.36 1.26 13.59	38.40 1.59 2.78	63.60 1.94 -17.36	65.41 1.94 -15.73	63.74 1.95 -15.91	60.16 1.77 -19.46	36.06 2.93 0.54	29.15 1.23 0.31
DELAWARE___LFGE 323621	39.20 0.94 0.00	32.92 0.81 0.00	30.76 0.74 0.00	25.99 0.60 0.00	25.46 0.54 0.00	30.56 0.70 0.00	37.94 0.94 0.00	52.28 1.27 0.00	44.94 1.09 0.00	40.26 0.95 0.00	38.73 0.88 0.00	31.59 0.74 0.00	32.58 0.80 0.00	31.51 0.79 0.00	38.35 1.03 0.00	42.70 1.18 0.00	44.91 1.21 0.00	40.69 1.11 0.00	45.63 1.33 0.00	49.07 1.34 0.00	47.11 1.24 0.00	39.99 1.06 0.00	34.54 0.87 0.00	28.83 0.60 0.00
DERFIELD_115KV_TB7 355931	38.33 0.07 0.00	32.18 0.06 0.00	30.06 0.03 0.00	25.44 0.05 0.00	24.98 0.05 0.00	29.92 0.06 0.00	37.08 0.09 0.00	51.08 0.08 0.00	43.87 0.02 0.00	39.28 -0.03 0.00	37.81 -0.03 0.00	30.85 -0.01 0.00	31.77 0.00 0.00	30.74 0.02 0.00	37.33 0.01 0.00	41.54 0.02 0.00	43.75 0.05 0.00	39.66 0.07 0.00	44.44 0.14 0.00	47.88 0.15 0.00	46.02 0.15 0.00	39.04 0.12 0.00	33.73 0.07 0.00	28.25 0.02 0.00
DOGLEVILLE___HYD 23807	37.92 -0.34 0.00	31.86 -0.26 0.00	29.78 -0.24 0.00	25.16 -0.23 0.00	24.75 -0.18 0.00	29.72 -0.14 0.00	37.00 0.00 0.00	50.41 -0.60 0.00	42.23 -1.62 0.00	37.36 -1.95 0.00	35.98 -1.87 0.00	29.34 -1.52 0.00	30.58 -1.19 0.00	29.73 -0.99 0.00	36.18 -1.15 0.00	40.36 -1.16 0.00	42.86 -0.84 0.00	39.41 -0.18 0.00	44.60 1.33 0.00	48.11 0.38 0.00	46.21 0.33 0.00	39.23 0.31 0.00	33.78 0.11 0.00	28.11 -0.12 0.00
DUNKIRK___115KV_TB_200 55889	37.24 -1.02 0.00	31.40 -0.71 0.00	29.72 -0.30 0.00	25.06 -0.33 0.00	24.44 -0.49 0.00	29.27 -0.60 0.00	35.92 -1.07 0.00	49.28 -1.73 0.00	42.29 -1.56 0.00	37.92 -1.39 0.00	36.65 -1.20 0.00	30.27 -0.58 0.00	31.57 -0.20 0.00	30.49 -0.23 0.00	36.98 -0.35 0.00	40.79 -0.73 0.00	42.52 -1.18 0.00	37.28 -2.31 0.00	42.07 -2.23 0.00	45.27 -2.47 0.00	43.41 -2.47 0.00	36.71 -2.22 0.00	31.99 -1.67 0.00	26.78 -1.46 0.00
DUNKIRK___1 23563	37.24 -1.02 0.00	31.40 -0.71 0.00	29.72 -0.30 0.00	25.06 -0.33 0.00	24.44 -0.49 0.00	29.27 -0.60 0.00	35.92 -1.07 0.00	49.28 -1.73 0.00	42.29 -1.56 0.00	37.92 -1.39 0.00	36.65 -1.20 0.00	30.27 -0.58 0.00	31.57 -0.20 0.00	30.49 -0.23 0.00	36.98 -0.35 0.00	40.79 -0.73 0.00	42.52 -1.18 0.00	37.28 -2.31 0.00	42.07 -2.23 0.00	45.27 -2.47 0.00	43.41 -2.47 0.00	36.71 -2.22 0.00	31.99 -1.67 0.00	26.78 -1.46 0.00
DUNKIRK___2 23564	37.24 -1.02 0.00	31.40 -0.71 0.00	29.72 -0.30 0.00	25.06 -0.33 0.00	24.44 -0.49 0.00	29.27 -0.60 0.00	35.92 -1.07 0.00	49.28 -1.73 0.00	42.29 -1.56 0.00	37.92 -1.39 0.00	36.65 -1.20 0.00	30.27 -0.58 0.00	31.57 -0.20 0.00	30.49 -0.23 0.00	36.98 -0.35 0.00	40.79 -0.73 0.00	42.52 -1.18 0.00	37.28 -2.31 0.00	42.07 -2.23 0.00	45.27 -2.47 0.00	43.41 -2.47 0.00	36.71 -2.22 0.00	31.99 -1.67 0.00	26.78 -1.46 0.00
DUNKIRK___3 23565	37.04 -1.22 0.00	31.23 -0.89 0.00	29.50 -0.52 0.00	24.88 -0.51 0.00	24.27 -0.66 0.00	29.05 -0.81 0.00	35.65 -1.35 0.00	48.93 -2.08 0.00	42.11 -1.74 0.00	37.80 -1.51 0.00	36.51 -1.35 0.00	30.06 -0.80 0.00	31.27 -0.51 0.00	30.20 -0.52 0.00	36.70 -0.63 0.00	40.48 -1.03 0.00	42.28 -1.42 0.00	37.18 -2.40 0.00	41.88 -2.42 0.00	45.05 -2.69 0.00	43.21 -2.67 0.00	36.59 -2.34 0.00	31.90 -1.77 0.00	26.69 -1.54 0.00
DUNKIRK___4 23566	37.04 -1.22 0.00	31.23 -0.89 0.00	29.50 -0.52 0.00	24.88 -0.51 0.00	24.27 -0.66 0.00	29.05 -0.81 0.00	35.65 -1.35 0.00	48.93 -2.08 0.00	42.11 -1.74 0.00	37.80 -1.51 0.00	36.51 -1.35 0.00	30.06 -0.80 0.00	31.27 -0.51 0.00	30.20 -0.52 0.00	36.70 -0.63 0.00	40.48 -1.03 0.00	42.28 -1.42 0.00	37.18 -2.40 0.00	41.88 -2.42 0.00	45.05 -2.69 0.00	43.21 -2.67 0.00	36.59 -2.34 0.00	31.90 -1.77 0.00	26.69 -1.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	40.15 1.89 0.00	33.70 1.59 0.00	31.45 1.43 0.00	26.61 1.22 0.00	26.13 1.21 0.00	31.31 1.45 0.00	39.05 2.05 0.00	53.85 2.84 0.00	46.17 2.33 0.00	41.41 2.10 0.00	39.93 2.08 0.00	32.64 1.78 0.00	33.75 1.98 0.00	32.70 1.98 0.00	39.81 2.49 0.00	44.41 2.90 0.00	46.70 3.00 0.00	42.34 2.76 0.00	47.30 3.00 0.00	50.87 3.13 0.00	48.80 2.93 0.00	41.44 2.51 0.00	35.85 2.18 0.00	29.82 1.59 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	39.81 1.55 0.00	33.40 1.29 0.00	31.18 1.16 0.00	26.36 0.97 0.00	25.89 0.96 0.00	31.03 1.17 0.00	38.66 1.66 0.00	53.32 2.31 0.00	45.71 1.87 0.00	40.92 1.61 0.00	39.43 1.58 0.00	32.20 1.34 0.00	33.28 1.51 0.00	32.25 1.53 0.00	39.26 1.93 0.00	43.85 2.33 0.00	46.18 2.48 0.00	41.86 2.28 0.00	46.85 2.55 0.00	50.44 2.71 0.00	48.41 2.53 0.00	41.07 2.14 0.00	35.46 1.79 0.00	29.54 1.30 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	40.22 1.96 0.00	33.78 1.66 0.00	31.49 1.47 0.00	26.65 1.26 0.00	26.13 1.20 0.00	31.33 1.47 0.00	39.09 2.10 0.00	53.92 2.91 0.00	46.22 2.37 0.00	41.43 2.11 0.00	39.93 2.08 0.00	32.67 1.81 0.00	33.82 2.05 0.00	32.80 2.08 0.00	39.91 2.59 0.00	44.49 2.97 0.00	46.71 3.02 0.00	42.40 2.81 0.00	47.27 2.97 0.00	50.87 3.13 0.00	48.83 2.96 0.00	41.49 2.56 0.00	35.86 2.19 0.00	29.90 1.66 0.00
E179THST_13_KV_LOAD 356214	40.37 2.11 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.73 1.34 0.00	26.21 1.28 0.00	31.44 1.58 0.00	39.23 2.24 0.00	54.12 3.12 0.00	46.42 2.57 0.00	41.62 2.31 0.00	40.11 2.26 0.00	32.82 1.96 0.00	33.98 2.21 0.00	32.96 2.23 0.00	40.10 2.78 0.00	44.70 3.18 0.00	46.93 3.24 0.00	42.59 3.00 0.00	47.49 3.19 0.00	51.09 3.36 0.00	49.05 3.18 0.00	41.67 2.74 0.00	36.02 2.36 0.00	30.02 1.79 0.00
EAST HAMPTON___GT 23717	38.86 0.60 0.00	32.67 0.55 0.00	30.40 0.38 0.00	25.77 0.38 0.00	25.38 0.46 0.00	30.46 0.60 0.00	38.68 1.68 0.00	53.07 2.06 0.00	42.87 0.34 1.31	-10.35 0.04 49.70	-80.56 1.71 120.12	25.89 0.29 5.26	4.38 0.41 27.81	-11.30 0.43 42.46	22.82 0.66 15.17	25.52 0.78 16.78	30.81 0.78 13.67	38.11 1.33 2.80	63.31 1.65 -17.36	64.97 1.51 -15.73	63.19 1.40 -15.91	59.66 1.27 -19.46	35.51 2.39 0.54	28.72 0.80 0.31
EAST RIVER___6 23660	40.40 2.14 0.00	33.90 1.78 0.00	31.66 1.64 0.00	26.81 1.42 0.00	26.32 1.39 0.00	31.54 1.68 0.00	39.37 2.37 0.00	54.34 3.33 0.00	46.65 2.80 0.00	41.87 2.55 0.00	40.38 2.54 0.00	33.04 2.17 0.00	34.18 2.41 0.00	33.13 2.41 0.00	40.31 2.98 0.00	44.94 3.43 0.00	47.28 3.58 0.00	42.84 3.26 0.00	47.75 3.45 0.00	51.33 3.59 0.00	49.17 3.30 0.00	41.76 2.83 0.00	36.10 2.43 0.00	30.05 1.81 0.00
EAST RIVER___7 23524	40.40 2.14 0.00	33.90 1.78 0.00	31.66 1.64 0.00	26.81 1.42 0.00	26.32 1.39 0.00	31.54 1.68 0.00	39.37 2.37 0.00	54.34 3.33 0.00	46.65 2.80 0.00	41.87 2.55 0.00	40.38 2.54 0.00	33.04 2.17 0.00	34.18 2.41 0.00	33.13 2.41 0.00	40.31 2.98 0.00	44.94 3.43 0.00	47.28 3.58 0.00	42.84 3.26 0.00	47.75 3.45 0.00	51.33 3.59 0.00	49.17 3.30 0.00	41.76 2.83 0.00	36.10 2.43 0.00	30.05 1.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	40.04 1.78 0.00	33.61 1.50 0.00	31.37 1.35 0.00	26.54 1.15 0.00	26.06 1.14 0.00	31.23 1.37 0.00	38.94 1.94 0.00	53.71 2.70 0.00	46.08 2.23 0.00	41.30 1.99 0.00	39.82 1.97 0.00	32.55 1.69 0.00	33.65 1.88 0.00	32.61 1.89 0.00	39.69 2.37 0.00	44.29 2.78 0.00	46.59 2.89 0.00	42.24 2.66 0.00	47.19 2.88 0.00	50.77 3.03 0.00	48.70 2.82 0.00	41.34 2.42 0.00	35.75 2.08 0.00	29.75 1.52 0.00
EAST_HAMPTON___DIESEL 23722	38.75 0.49 0.00	32.58 0.46 0.00	30.31 0.29 0.00	25.69 0.31 0.00	25.31 0.38 0.00	30.37 0.51 0.00	38.58 1.58 0.00	52.92 1.91 0.00	42.75 0.21 1.31	-10.45 -0.07 49.69	-80.59 1.68 120.12	25.80 0.20 5.26	4.28 0.32 27.81	-11.40 0.33 42.46	22.72 0.56 15.17	25.41 0.67 16.78	30.70 0.67 13.66	38.04 1.26 2.80	63.22 1.56 -17.36	64.86 1.40 -15.73	63.07 1.28 -15.91	59.56 1.17 -19.46	35.42 2.29 0.54	28.64 0.72 0.31
EAST_POINT___SOLAR 323840	41.01 2.75 0.00	34.34 2.22 0.00	32.07 2.05 0.00	27.10 1.72 0.00	26.66 1.73 0.00	32.01 2.15 0.00	39.79 2.80 0.00	54.64 3.63 0.00	45.70 1.85 0.00	40.57 1.26 0.00	38.88 1.03 0.00	31.59 0.72 0.00	32.65 0.88 0.00	31.61 0.89 0.00	38.99 1.66 0.00	43.56 2.04 0.00	46.13 2.44 0.00	42.31 2.73 0.00	47.52 3.21 0.00	51.40 3.67 0.00	49.50 3.63 0.00	42.03 3.11 0.00	36.19 2.53 0.00	30.24 2.00 0.00
EAST_PULASKI___ESR 323781	37.63 -0.63 0.00	31.55 -0.57 0.00	29.46 -0.56 0.00	24.92 -0.47 0.00	24.52 -0.40 0.00	29.42 -0.44 0.00	36.43 -0.57 0.00	50.21 -0.80 0.00	43.05 -0.79 0.00	38.63 -0.68 0.00	37.08 -0.77 0.00	30.15 -0.71 0.00	31.05 -0.72 0.00	30.14 -0.58 0.00	36.59 -0.74 0.00	40.68 -0.83 0.00	42.69 -1.01 0.00	38.56 -1.02 0.00	43.11 -1.19 0.00	46.64 -1.09 0.00	44.95 -0.92 0.00	38.07 -0.86 0.00	32.85 -0.82 0.00	27.56 -0.67 0.00
EAST_RIVER___1 323558	40.35 2.09 0.00	33.87 1.75 0.00	31.59 1.57 0.00	26.74 1.35 0.00	26.25 1.33 0.00	31.45 1.59 0.00	39.25 2.25 0.00	54.16 3.15 0.00	46.48 2.63 0.00	41.70 2.39 0.00	40.22 2.38 0.00	32.89 2.03 0.00	34.04 2.27 0.00	32.98 2.26 0.00	40.14 2.81 0.00	44.76 3.25 0.00	47.07 3.37 0.00	42.66 3.07 0.00	47.56 3.26 0.00	51.15 3.41 0.00	49.03 3.16 0.00	41.64 2.72 0.00	36.02 2.35 0.00	29.98 1.75 0.00
EAST_RIVER___2 323559	40.40 2.14 0.00	33.90 1.78 0.00	31.66 1.64 0.00	26.81 1.42 0.00	26.32 1.39 0.00	31.54 1.68 0.00	39.37 2.37 0.00	54.34 3.33 0.00	46.65 2.80 0.00	41.87 2.55 0.00	40.38 2.54 0.00	33.04 2.17 0.00	34.18 2.41 0.00	33.13 2.41 0.00	40.31 2.98 0.00	44.94 3.43 0.00	47.28 3.58 0.00	42.84 3.26 0.00	47.75 3.45 0.00	51.33 3.59 0.00	49.17 3.30 0.00	41.76 2.83 0.00	36.10 2.43 0.00	30.05 1.81 0.00
EAST___DELAWARE_HYD 23607	40.16 1.90 0.00	33.69 1.57 0.00	31.48 1.45 0.00	26.63 1.24 0.00	26.16 1.23 0.00	31.38 1.52 0.00	39.06 2.06 0.00	53.80 2.79 0.00	46.09 2.24 0.00	41.23 1.92 0.00	39.67 1.82 0.00	32.36 1.50 0.00	33.44 1.67 0.00	32.26 1.54 0.00	39.13 1.81 0.00	43.73 2.21 0.00	46.06 2.37 0.00	41.78 2.19 0.00	46.85 2.55 0.00	50.49 2.75 0.00	48.46 2.59 0.00	41.10 2.17 0.00	35.47 1.80 0.00	29.54 1.30 0.00
EIGHT_POINT___WT_PWR 323820	37.38 -0.88 0.00	31.32 -0.79 0.00	29.31 -0.72 0.00	24.57 -0.82 0.00	23.95 -0.97 0.00	28.82 -1.04 0.00	35.65 -1.35 0.00	49.22 -1.79 0.00	42.48 -1.36 0.00	38.27 -1.04 0.00	36.62 -1.23 0.00	29.63 -1.23 0.00	30.65 -1.12 0.00	29.66 -1.06 0.00	37.10 -0.23 0.00	41.22 -0.30 0.00	42.97 -0.73 0.00	37.98 -1.61 0.00	42.65 -1.66 0.00	45.36 -2.38 0.00	43.33 -2.54 0.00	36.52 -2.40 0.00	31.79 -1.88 0.00	26.51 -1.72 0.00
ELBRIDGE_115KV_TB2 80188	37.77 -0.49 0.00	31.73 -0.39 0.00	29.64 -0.39 0.00	25.05 -0.34 0.00	24.57 -0.36 0.00	29.46 -0.40 0.00	36.46 -0.53 0.00	50.20 -0.81 0.00	43.15 -0.69 0.00	38.71 -0.60 0.00	37.24 -0.61 0.00	30.33 -0.53 0.00	31.23 -0.54 0.00	30.17 -0.55 0.00	36.67 -0.66 0.00	40.72 -0.79 0.00	42.81 -0.89 0.00	38.66 -0.92 0.00	43.32 -0.98 0.00	46.72 -1.02 0.00	44.90 -0.98 0.00	38.07 -0.86 0.00	32.94 -0.73 0.00	27.72 -0.51 0.00
ELEC_TRO_TEK 24086	39.99 1.73 0.00	33.53 1.41 0.00	31.25 1.22 0.00	26.45 1.06 0.00	25.99 1.06 0.00	31.15 1.29 0.00	39.07 2.08 0.00	53.67 2.66 0.00	45.90 2.05 0.00	41.16 1.85 0.00	43.45 1.95 -3.66	42.40 1.66 -9.88	39.25 1.87 -5.61	48.16 1.84 -15.59	49.04 2.24 -9.47	67.40 2.59 -23.29	46.54 2.57 -0.27	80.35 2.44 -38.32	95.11 2.66 -48.15	90.57 2.81 -40.02	131.72 2.69 -83.16	91.46 2.40 -50.13	38.83 2.55 -2.61	31.29 1.57 -1.48

ELLENBURG_WT_PWR 323604	38.20 -0.07 0.00	32.02 -0.09 0.00	29.96 -0.06 0.00	25.30 -0.09 0.00	24.90 -0.03 0.00	29.89 0.03 0.00	37.09 0.09 0.00	51.43 0.42 0.00	44.26 0.42 0.00	40.04 0.73 0.00	38.55 0.71 0.00	31.30 0.44 0.00	32.05 0.28 0.00	31.11 0.38 0.00	37.31 -0.02 0.00	41.56 0.04 0.00	43.86 0.17 0.00	39.89 0.30 0.00	44.17 -0.13 0.00	47.67 -0.06 0.00	45.95 0.08 0.00	38.61 -0.32 0.00	33.40 -0.27 0.00	28.07 -0.16 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	36.16 -2.10 0.00	30.47 -1.65 0.00	28.67 -1.35 0.00	24.21 -1.18 0.00	23.58 -1.35 0.00	28.15 -1.71 0.00	34.42 -2.58 0.00	47.24 -3.77 0.00	41.05 -2.79 0.00	37.09 -2.22 0.00	35.71 -2.14 0.00	29.17 -1.69 0.00	30.08 -1.69 0.00	29.00 -1.73 0.00	35.36 -1.97 0.00	39.07 -2.45 0.00	41.07 -2.63 0.00	36.49 -3.10 0.00	40.77 -3.54 0.00	43.88 -3.86 0.00	42.10 -3.77 0.00	35.85 -3.08 0.00	31.31 -2.36 0.00	26.22 -2.02 0.00
EMPIRE_CC_1 323656	39.32 1.06 0.00	33.04 0.93 0.00	30.88 0.85 0.00	26.12 0.73 0.00	25.69 0.76 0.00	30.73 0.87 0.00	38.10 1.10 0.00	52.45 1.44 0.00	45.00 1.16 0.00	40.27 0.96 0.00	38.83 0.98 0.00	31.67 0.81 0.00	32.62 0.84 0.00	31.54 0.82 0.00	38.28 0.95 0.00	42.74 1.22 0.00	45.06 1.36 0.00	40.98 1.39 0.00	46.05 1.75 0.00	49.62 1.89 0.00	47.63 1.76 0.00	40.45 1.52 0.00	34.89 1.22 0.00	29.15 0.92 0.00
EMPIRE_CC_2 323658	39.32 1.06 0.00	33.04 0.93 0.00	30.88 0.85 0.00	26.12 0.73 0.00	25.69 0.76 0.00	30.73 0.87 0.00	38.10 1.10 0.00	52.45 1.44 0.00	45.00 1.16 0.00	40.27 0.96 0.00	38.83 0.98 0.00	31.67 0.81 0.00	32.62 0.84 0.00	31.54 0.82 0.00	38.28 0.95 0.00	42.74 1.22 0.00	45.06 1.36 0.00	40.98 1.39 0.00	46.05 1.75 0.00	49.62 1.89 0.00	47.63 1.76 0.00	40.45 1.52 0.00	34.89 1.22 0.00	29.15 0.92 0.00
ENORWICH_115KV_TB1 80156	40.33 2.07 0.00	33.86 1.74 0.00	31.71 1.69 0.00	26.65 1.26 0.00	26.17 1.25 0.00	31.55 1.70 0.00	39.06 2.07 0.00	53.72 2.71 0.00	46.14 2.29 0.00	41.26 1.95 0.00	39.50 1.65 0.00	31.99 1.13 0.00	32.83 1.06 0.00	31.68 0.96 0.00	38.75 1.43 0.00	43.04 1.53 0.00	45.34 1.65 0.00	41.19 1.60 0.00	47.19 2.89 0.00	50.61 2.87 0.00	48.52 2.65 0.00	40.99 2.06 0.00	34.93 1.26 0.00	28.70 0.47 0.00
ERIE_ST_34_KV_TB1-2 80199	36.46 -1.80 0.00	30.69 -1.43 0.00	28.86 -1.17 0.00	24.35 -1.04 0.00	23.73 -1.19 0.00	28.39 -1.47 0.00	34.80 -2.20 0.00	47.84 -3.16 0.00	41.56 -2.28 0.00	37.50 -1.81 0.00	36.13 -1.72 0.00	29.52 -1.34 0.00	30.46 -1.32 0.00	29.35 -1.37 0.00	35.82 -1.50 0.00	39.57 -1.94 0.00	41.58 -2.11 0.00	36.95 -2.63 0.00	41.33 -2.98 0.00	44.44 -3.30 0.00	42.65 -3.22 0.00	36.25 -2.68 0.00	31.64 -2.03 0.00	26.47 -1.77 0.00
ERIE_WT_PWR 323693	36.35 -1.91 0.00	30.61 -1.51 0.00	28.81 -1.21 0.00	24.32 -1.06 0.00	23.68 -1.24 0.00	28.29 -1.57 0.00	34.58 -2.42 0.00	47.50 -3.50 0.00	41.31 -2.54 0.00	37.29 -2.02 0.00	35.90 -1.95 0.00	29.29 -1.57 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.59 -1.74 0.00	39.30 -2.21 0.00	41.29 -2.41 0.00	36.74 -2.85 0.00	41.05 -3.25 0.00	44.14 -3.59 0.00	42.36 -3.51 0.00	36.05 -2.87 0.00	31.47 -2.20 0.00	26.34 -1.89 0.00
ESPRGFLD_115KV_TB1 80157	40.29 2.04 0.00	33.76 1.64 0.00	31.53 1.51 0.00	26.63 1.24 0.00	26.11 1.19 0.00	31.37 1.51 0.00	38.96 1.96 0.00	53.73 2.72 0.00	46.08 2.23 0.00	41.18 1.87 0.00	39.49 1.65 0.00	32.17 1.31 0.00	33.18 1.41 0.00	32.05 1.33 0.00	39.13 1.81 0.00	43.48 1.96 0.00	45.71 2.01 0.00	41.54 1.95 0.00	46.53 2.23 0.00	50.19 2.45 0.00	48.25 2.38 0.00	40.98 2.05 0.00	35.33 1.66 0.00	29.49 1.25 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	38.69 0.43 0.00	32.48 0.37 0.00	30.37 0.35 0.00	25.64 0.25 0.00	25.16 0.23 0.00	30.19 0.33 0.00	37.42 0.42 0.00	51.46 0.45 0.00	44.21 0.36 0.00	39.53 0.22 0.00	37.95 0.11 0.00	30.78 -0.08 0.00	31.65 -0.12 0.00	30.65 -0.07 0.00	37.45 0.13 0.00	41.78 0.26 0.00	43.93 0.24 0.00	39.64 0.06 0.00	44.62 0.31 0.00	48.10 0.36 0.00	46.21 0.34 0.00	39.12 0.19 0.00	33.78 0.11 0.00	28.26 0.03 0.00
ETNA____115KV_TB2 80207	38.69 0.43 0.00	32.48 0.37 0.00	30.37 0.35 0.00	25.64 0.25 0.00	25.16 0.23 0.00	30.19 0.33 0.00	37.42 0.42 0.00	51.46 0.45 0.00	44.21 0.36 0.00	39.53 0.22 0.00	37.95 0.11 0.00	30.78 -0.08 0.00	31.65 -0.12 0.00	30.65 -0.07 0.00	37.45 0.13 0.00	41.78 0.26 0.00	43.93 0.24 0.00	39.64 0.06 0.00	44.62 0.31 0.00	48.10 0.36 0.00	46.21 0.34 0.00	39.12 0.19 0.00	33.78 0.11 0.00	28.26 0.03 0.00
EUCLID____115KV_TB2 356179	37.61 -0.65 0.00	31.58 -0.54 0.00	29.53 -0.50 0.00	24.96 -0.43 0.00	24.49 -0.44 0.00	29.32 -0.54 0.00	36.29 -0.71 0.00	49.99 -1.02 0.00	42.98 -0.86 0.00	38.54 -0.77 0.00	37.11 -0.73 0.00	30.23 -0.63 0.00	31.12 -0.66 0.00	30.09 -0.63 0.00	36.55 -0.78 0.00	40.56 -0.95 0.00	42.67 -1.03 0.00	38.54 -1.05 0.00	43.15 -1.15 0.00	46.51 -1.23 0.00	44.68 -1.19 0.00	37.90 -1.03 0.00	32.82 -0.85 0.00	27.61 -0.62 0.00
E_CANADA_CAP_HY 24051	40.87 2.61 0.00	34.21 2.10 0.00	31.96 1.94 0.00	27.02 1.63 0.00	26.54 1.61 0.00	31.86 2.00 0.00	39.52 2.53 0.00	54.44 3.43 0.00	46.35 2.51 0.00	41.25 1.94 0.00	39.52 1.67 0.00	32.18 1.32 0.00	33.20 1.43 0.00	32.09 1.37 0.00	39.24 1.91 0.00	43.63 2.12 0.00	45.98 2.28 0.00	42.01 2.42 0.00	47.06 2.76 0.00	50.87 3.14 0.00	49.02 3.15 0.00	41.69 2.76 0.00	35.93 2.26 0.00	30.05 1.81 0.00
E_CANADA_MHWK_HY 24050	37.92 -0.34 0.00	31.86 -0.26 0.00	29.78 -0.24 0.00	25.16 -0.23 0.00	24.75 -0.17 0.00	29.72 -0.14 0.00	37.00 0.00 0.00	50.41 -0.60 0.00	42.23 -1.62 0.00	37.36 -1.95 0.00	35.99 -1.86 0.00	29.34 -1.52 0.00	30.58 -1.19 0.00	29.73 -0.99 0.00	36.18 -1.15 0.00	40.36 -1.16 0.00	42.86 -0.84 0.00	39.40 -0.18 0.00	44.60 0.30 0.00	48.11 0.38 0.00	46.21 0.33 0.00	39.23 0.30 0.00	33.78 0.11 0.00	28.11 -0.12 0.00
E_FISHKILL____LBMP 23776	39.78 1.52 0.00	33.40 1.29 0.00	31.18 1.16 0.00	26.38 0.99 0.00	25.91 0.98 0.00	31.03 1.17 0.00	38.65 1.66 0.00	53.28 2.27 0.00	45.73 1.89 0.00	40.98 1.67 0.00	39.49 1.64 0.00	32.26 1.40 0.00	33.33 1.55 0.00	32.29 1.57 0.00	39.29 1.96 0.00	43.83 2.32 0.00	46.12 2.43 0.00	41.85 2.27 0.00	46.82 2.52 0.00	50.40 2.66 0.00	48.35 2.48 0.00	41.06 2.13 0.00	35.46 1.79 0.00	29.54 1.30 0.00
FALCON____SEABRD_CC1 323796	38.43 0.17 0.00	32.23 0.11 0.00	30.16 0.14 0.00	25.50 0.11 0.00	25.05 0.12 0.00	30.11 0.25 0.00	37.50 0.50 0.00	51.93 0.92 0.00	44.64 0.79 0.00	40.69 1.38 0.00	39.25 1.40 0.00	31.69 0.83 0.00	32.37 0.60 0.00	31.55 0.83 0.00	37.67 0.34 0.00	42.01 0.49 0.00	44.33 0.64 0.00	40.37 0.78 0.00	44.70 0.40 0.00	48.23 0.50 0.00	46.46 0.59 0.00	39.03 0.10 0.00	33.74 0.07 0.00	28.37 0.14 0.00

FALCON___SEABRD_CC2 323797	38.43 0.17 0.00	32.23 0.11 0.00	30.16 0.14 0.00	25.50 0.11 0.00	25.05 0.12 0.00	30.11 0.25 0.00	37.50 0.50 0.00	51.93 0.92 0.00	44.64 0.79 0.00	40.69 1.38 0.00	39.25 1.40 0.00	31.69 0.83 0.00	32.37 0.60 0.00	31.55 0.83 0.00	37.67 0.34 0.00	42.01 0.49 0.00	44.33 0.64 0.00	40.37 0.78 0.00	44.70 0.40 0.00	48.23 0.50 0.00	46.46 0.59 0.00	39.03 0.10 0.00	33.74 0.07 0.00	28.37 0.14 0.00
FAR ROCKAWAY___4 23548	40.46 2.20 0.00	33.91 1.79 0.00	31.60 1.57 0.00	26.73 1.34 0.00	26.26 1.33 0.00	31.50 1.64 0.00	39.50 2.50 0.00	54.25 3.24 0.00	46.40 2.55 0.00	41.60 2.29 0.00	45.34 2.40 -5.09	46.34 2.02 -13.46	44.24 2.25 -10.21	50.00 2.22 -17.05	50.02 2.72 -9.97	91.29 3.04 -46.74	47.32 3.07 -0.55	115.92 2.93 -73.41	110.91 3.21 -63.40	104.99 3.43 -53.83	190.71 3.28 -141.56	109.35 2.90 -67.52	43.78 2.98 -7.14	34.19 1.90 -4.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	40.36 2.10 0.00	33.88 1.77 0.00	31.60 1.58 0.00	26.74 1.35 0.00	26.25 1.32 0.00	31.45 1.60 0.00	39.24 2.24 0.00	54.12 3.12 0.00	46.45 2.61 0.00	41.65 2.34 0.00	40.16 2.31 0.00	32.85 1.99 0.00	33.99 2.22 0.00	32.95 2.23 0.00	40.11 2.78 0.00	44.72 3.20 0.00	47.03 3.34 0.00	42.63 3.04 0.00	47.54 3.23 0.00	51.13 3.40 0.00	49.01 3.14 0.00	41.64 2.71 0.00	36.01 2.35 0.00	29.98 1.75 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	40.38 2.12 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.74 1.35 0.00	26.25 1.33 0.00	31.45 1.60 0.00	39.24 2.25 0.00	54.14 3.13 0.00	46.46 2.61 0.00	41.66 2.35 0.00	40.17 2.32 0.00	32.85 1.99 0.00	33.99 2.22 0.00	32.95 2.23 0.00	40.11 2.78 0.00	44.73 3.21 0.00	47.04 3.34 0.00	42.63 3.05 0.00	47.54 3.24 0.00	51.14 3.40 0.00	49.03 3.16 0.00	41.64 2.71 0.00	36.02 2.35 0.00	29.99 1.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	40.35 2.09 0.00	33.87 1.75 0.00	31.59 1.56 0.00	26.72 1.33 0.00	26.23 1.31 0.00	31.43 1.57 0.00	39.22 2.22 0.00	54.12 3.11 0.00	46.44 2.59 0.00	41.64 2.33 0.00	40.15 2.30 0.00	32.83 1.97 0.00	33.98 2.20 0.00	32.95 2.22 0.00	40.10 2.77 0.00	44.72 3.20 0.00	47.01 3.32 0.00	42.61 3.03 0.00	47.51 3.21 0.00	51.10 3.37 0.00	48.99 3.12 0.00	41.61 2.68 0.00	36.00 2.33 0.00	29.97 1.73 0.00
FARRAGUT___LBMP 323566	40.32 2.06 0.00	33.85 1.73 0.00	31.57 1.55 0.00	26.71 1.32 0.00	26.23 1.30 0.00	31.42 1.56 0.00	39.19 2.20 0.00	54.07 3.06 0.00	46.39 2.55 0.00	41.60 2.29 0.00	40.11 2.27 0.00	32.80 1.94 0.00	33.94 2.17 0.00	32.92 2.19 0.00	40.05 2.73 0.00	44.67 3.15 0.00	46.96 3.27 0.00	42.57 2.99 0.00	47.47 3.17 0.00	51.06 3.32 0.00	48.95 3.08 0.00	41.58 2.66 0.00	35.97 2.30 0.00	29.94 1.71 0.00
FENNER___WINDPWR 24204	38.74 0.48 0.00	32.49 0.37 0.00	30.38 0.36 0.00	25.68 0.29 0.00	25.22 0.30 0.00	30.26 0.40 0.00	37.48 0.48 0.00	51.66 0.65 0.00	44.40 0.56 0.00	39.65 0.34 0.00	38.19 0.35 0.00	31.07 0.21 0.00	31.99 0.21 0.00	30.92 0.20 0.00	37.61 0.28 0.00	41.90 0.38 0.00	44.13 0.43 0.00	39.96 0.38 0.00	44.81 0.51 0.00	48.34 0.61 0.00	46.47 0.59 0.00	39.30 0.37 0.00	33.92 0.25 0.00	28.34 0.10 0.00
FIBERTEK___ENERGY 23856	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.16 -0.23 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.48 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.94 -0.58 0.00	43.05 -0.65 0.00	38.88 -0.71 0.00	43.54 -0.76 0.00	46.95 -0.78 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00
FITZPATRICK____ 23598	37.10 -1.16 0.00	31.15 -0.96 0.00	29.12 -0.90 0.00	24.62 -0.76 0.00	24.17 -0.76 0.00	28.93 -0.93 0.00	35.77 -1.22 0.00	49.28 -1.73 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.26 0.00	29.82 -1.04 0.00	30.69 -1.09 0.00	29.65 -1.07 0.00	36.00 -1.32 0.00	39.90 -1.61 0.00	41.98 -1.72 0.00	37.96 -1.63 0.00	42.49 -1.81 0.00	45.79 -1.94 0.00	44.00 -1.88 0.00	37.34 -1.59 0.00	32.35 -1.32 0.00	27.27 -0.97 0.00
FLOWRFLD_69_KV_BK1 356044	40.26 2.00 0.00	33.78 1.67 0.00	31.45 1.43 0.00	26.65 1.26 0.00	26.22 1.29 0.00	31.41 1.55 0.00	39.64 2.64 0.00	54.35 3.34 0.00	46.07 2.00 -0.23	22.19 1.68 18.80	-99.61 1.81 139.26	28.45 1.54 3.95	1.20 1.73 32.30	-17.86 1.69 50.28	21.06 2.01 18.27	30.88 2.24 12.88	41.74 2.10 4.06	42.47 2.03 -0.86	64.41 2.44 -17.66	66.24 2.57 -15.94	64.97 2.56 -16.54	61.06 2.39 -19.74	36.33 3.17 0.51	29.66 1.72 0.29
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	40.17 1.91 0.00	33.71 1.59 0.00	31.46 1.43 0.00	26.61 1.22 0.00	26.13 1.21 0.00	31.32 1.46 0.00	39.02 2.02 0.00	53.83 2.82 0.00	46.18 2.33 0.00	41.35 2.04 0.00	39.83 1.99 0.00	32.53 1.67 0.00	33.61 1.84 0.00	32.58 1.85 0.00	39.66 2.33 0.00	44.30 2.79 0.00	46.67 2.97 0.00	42.34 2.75 0.00	47.39 3.09 0.00	51.01 3.28 0.00	48.93 3.06 0.00	41.52 2.59 0.00	35.84 2.17 0.00	29.82 1.59 0.00
FORT ORANGE____ 23900	38.98 0.72 0.00	32.80 0.68 0.00	30.66 0.64 0.00	25.93 0.55 0.00	25.49 0.56 0.00	30.49 0.63 0.00	37.83 0.83 0.00	52.01 1.00 0.00	44.58 0.73 0.00	39.84 0.53 0.00	38.41 0.56 0.00	31.40 0.54 0.00	32.32 0.54 0.00	31.33 0.61 0.00	37.98 0.66 0.00	42.39 0.88 0.00	44.76 1.06 0.00	40.69 1.10 0.00	45.75 1.44 0.00	49.33 1.59 0.00	47.33 1.46 0.00	40.19 1.26 0.00	34.68 1.01 0.00	29.00 0.77 0.00
FORT_DRUM_COGEN 23780	38.17 -0.09 0.00	31.90 -0.22 0.00	29.73 -0.29 0.00	25.19 -0.20 0.00	24.96 0.03 0.00	30.09 0.23 0.00	37.42 0.42 0.00	51.57 0.56 0.00	43.90 0.06 0.00	39.43 0.12 0.00	37.46 -0.38 0.00	30.26 -0.60 0.00	31.34 -0.43 0.00	30.69 -0.03 0.00	37.22 -0.10 0.00	41.82 0.31 0.00	43.73 0.03 0.00	39.45 -0.13 0.00	43.81 -0.50 0.00	47.90 0.16 0.00	46.34 0.46 0.00	38.98 0.06 0.00	33.39 -0.28 0.00	27.72 -0.51 0.00
FOX_HILLS___ESR 323835	40.47 2.21 0.00	34.09 1.97 0.00	31.78 1.76 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.61 1.75 0.00	39.37 2.37 0.00	54.19 3.18 0.00	46.43 2.59 0.00	41.75 2.43 0.00	40.20 2.35 0.00	32.94 2.08 0.00	34.08 2.30 0.00	33.03 2.31 0.00	40.17 2.84 0.00	44.66 3.14 0.00	46.89 3.19 0.00	42.62 3.04 0.00	47.47 3.17 0.00	51.08 3.34 0.00	49.00 3.13 0.00	41.75 2.82 0.00	36.18 2.51 0.00	30.11 1.88 0.00
FPL FAR_ROCK_GT1 24212	40.46 2.20 0.00	33.91 1.79 0.00	31.59 1.57 0.00	26.73 1.34 0.00	26.25 1.33 0.00	31.50 1.64 0.00	39.50 2.50 0.00	54.24 3.23 0.00	46.39 2.55 0.00	41.60 2.30 0.00	45.35 2.41 -5.09	46.34 2.03 -13.46	44.24 2.26 -10.21	50.00 2.22 -17.05	50.03 2.73 -9.97	91.30 3.04 -46.74	47.32 3.08 -0.55	115.91 2.91 -73.41	110.90 3.19 -63.40	104.98 3.42 -53.83	190.69 3.26 -141.56	109.35 2.89 -67.52	43.70 2.90 -7.14	34.17 1.89 -4.06

FPL FAR_ROCK_GT2 23815	40.46 2.20 0.00	33.91 1.79 0.00	31.59 1.57 0.00	26.73 1.34 0.00	26.25 1.33 0.00	31.50 1.64 0.00	39.50 2.50 0.00	54.24 3.23 0.00	46.39 2.55 0.00	41.60 2.30 0.00	45.35 2.41 -5.09	46.34 2.03 -13.46	44.24 2.26 -10.21	50.00 2.22 -17.05	50.03 2.73 -9.97	91.30 3.04 -46.74	47.32 3.08 -0.55	115.91 2.91 -73.41	110.90 3.19 -63.40	104.98 3.42 -53.83	190.69 3.26 -141.56	109.35 2.89 -67.52	43.70 2.90 -7.14	34.17 1.89 -4.06
FRANKLIN_FALL_HYD 24054	38.22 -0.04 0.00	32.03 -0.08 0.00	29.96 -0.06 0.00	25.30 -0.09 0.00	24.91 -0.01 0.00	29.92 0.06 0.00	37.07 0.08 0.00	51.47 0.47 0.00	44.35 0.50 0.00	40.02 0.71 0.00	38.41 0.57 0.00	31.14 0.28 0.00	31.94 0.17 0.00	31.27 0.54 0.00	37.33 0.00 0.00	41.57 0.05 0.00	43.95 0.25 0.00	39.96 0.38 0.00	44.23 -0.08 0.00	47.74 0.00 0.00	46.10 0.23 0.00	38.76 -0.17 0.00	33.52 -0.15 0.00	28.13 -0.10 0.00
FREEPORT_EQUS_GT1 23764	40.12 1.87 0.00	33.63 1.51 0.00	31.33 1.30 0.00	26.51 1.13 0.00	26.05 1.13 0.00	31.26 1.40 0.00	39.22 2.22 0.00	53.84 2.83 0.00	45.97 2.13 0.00	41.19 1.88 0.00	42.69 1.98 -2.86	40.25 1.69 -7.71	38.13 1.86 -4.49	44.53 1.83 -11.97	46.83 2.25 -7.26	62.03 2.57 -17.93	46.42 2.52 -0.21	71.29 2.45 -29.26	83.70 2.69 -36.70	81.20 2.89 -30.57	112.24 2.76 -63.61	80.04 2.50 -38.61	38.57 2.70 -2.20	31.15 1.67 -1.25
FREEPORT___CT2 23818	40.12 1.87 0.00	33.63 1.51 0.00	31.33 1.30 0.00	26.51 1.13 0.00	26.05 1.13 0.00	31.26 1.40 0.00	39.22 2.22 0.00	53.84 2.83 0.00	45.97 2.13 0.00	41.19 1.88 0.00	42.69 1.98 -2.86	40.25 1.69 -7.71	38.13 1.86 -4.49	44.53 1.83 -11.97	46.83 2.25 -7.26	62.03 2.57 -17.93	46.42 2.52 -0.21	71.29 2.45 -29.26	83.70 2.69 -36.70	81.20 2.89 -30.57	112.24 2.76 -63.61	80.04 2.50 -38.61	38.57 2.70 -2.20	31.15 1.67 -1.25
FRESHKLS_33_KV_LOAD 356253	40.47 2.21 0.00	34.16 2.04 0.00	31.85 1.83 0.00	26.90 1.51 0.00	26.40 1.47 0.00	31.66 1.80 0.00	39.41 2.41 0.00	54.18 3.17 0.00	46.34 2.49 0.00	41.68 2.37 0.00	40.15 2.30 0.00	32.89 2.03 0.00	34.01 2.24 0.00	32.97 2.25 0.00	40.09 2.76 0.00	44.50 2.99 0.00	46.71 3.01 0.00	42.54 2.95 0.00	47.40 3.10 0.00	50.99 3.26 0.00	48.94 3.07 0.00	41.73 2.81 0.00	36.18 2.51 0.00	30.12 1.88 0.00
FULTON COGEN____ 23766	37.46 -0.80 0.00	31.45 -0.66 0.00	29.41 -0.62 0.00	24.86 -0.53 0.00	24.40 -0.53 0.00	29.22 -0.64 0.00	36.14 -0.86 0.00	49.78 -1.22 0.00	42.80 -1.05 0.00	38.37 -0.95 0.00	36.92 -0.92 0.00	30.08 -0.78 0.00	30.95 -0.83 0.00	29.95 -0.77 0.00	36.41 -0.91 0.00	40.36 -1.16 0.00	42.43 -1.27 0.00	38.39 -1.19 0.00	42.97 -1.34 0.00	46.33 -1.40 0.00	44.52 -1.35 0.00	37.77 -1.16 0.00	32.69 -0.98 0.00	27.52 -0.71 0.00
FULTON___LFGE 323630	40.70 2.44 0.00	34.09 1.98 0.00	31.84 1.82 0.00	26.92 1.53 0.00	26.45 1.53 0.00	31.76 1.90 0.00	39.45 2.46 0.00	54.23 3.22 0.00	45.81 1.97 0.00	40.58 1.27 0.00	38.97 1.12 0.00	31.72 0.86 0.00	32.69 0.91 0.00	31.65 0.92 0.00	38.73 1.40 0.00	43.12 1.60 0.00	45.73 2.04 0.00	41.99 2.40 0.00	47.15 2.85 0.00	50.99 3.25 0.00	49.06 3.19 0.00	41.67 2.74 0.00	35.90 2.23 0.00	30.00 1.77 0.00
G.F.CEMENT___DRP 24184	40.18 1.93 0.00	33.73 1.62 0.00	31.53 1.51 0.00	26.69 1.30 0.00	26.31 1.38 0.00	31.56 1.70 0.00	39.35 2.36 0.00	54.10 3.09 0.00	46.31 2.46 0.00	41.22 1.91 0.00	39.55 1.70 0.00	32.25 1.39 0.00	33.06 1.29 0.00	31.80 1.08 0.00	38.27 0.94 0.00	42.71 1.20 0.00	44.91 1.21 0.00	41.13 1.54 0.00	46.31 2.01 0.00	49.77 2.04 0.00	47.74 1.87 0.00	40.44 1.51 0.00	34.93 1.26 0.00	29.60 1.37 0.00
GARDENVILLE___LBMP 24039	36.28 -1.98 0.00	30.55 -1.56 0.00	28.75 -1.27 0.00	24.28 -1.11 0.00	23.65 -1.27 0.00	28.26 -1.60 0.00	34.56 -2.44 0.00	47.44 -3.57 0.00	41.21 -2.64 0.00	37.20 -2.11 0.00	35.81 -2.03 0.00	29.25 -1.61 0.00	30.18 -1.59 0.00	29.12 -1.61 0.00	35.53 -1.80 0.00	39.25 -2.27 0.00	41.22 -2.48 0.00	36.61 -2.98 0.00	40.93 -3.37 0.00	44.04 -3.70 0.00	42.27 -3.60 0.00	35.96 -2.97 0.00	31.40 -2.27 0.00	26.29 -1.95 0.00
GARDNVLA_35_KV_LD 355827	36.39 -1.87 0.00	30.64 -1.48 0.00	28.83 -1.19 0.00	24.34 -1.05 0.00	23.70 -1.22 0.00	28.32 -1.54 0.00	34.63 -2.37 0.00	47.56 -3.45 0.00	41.34 -2.50 0.00	37.34 -1.97 0.00	35.95 -1.90 0.00	29.34 -1.51 0.00	30.26 -1.51 0.00	29.19 -1.53 0.00	35.64 -1.69 0.00	39.36 -2.16 0.00	41.35 -2.35 0.00	36.75 -2.84 0.00	41.08 -3.22 0.00	44.18 -3.55 0.00	42.41 -3.46 0.00	36.08 -2.85 0.00	31.50 -2.17 0.00	26.37 -1.86 0.00
GELCKHM___115KV_LOAD 80723	37.73 -0.53 0.00	31.67 -0.44 0.00	29.61 -0.41 0.00	25.03 -0.36 0.00	24.56 -0.37 0.00	29.41 -0.45 0.00	36.40 -0.59 0.00	50.15 -0.86 0.00	43.12 -0.73 0.00	38.67 -0.64 0.00	37.24 -0.61 0.00	30.35 -0.51 0.00	31.23 -0.55 0.00	30.20 -0.52 0.00	36.69 -0.64 0.00	40.73 -0.78 0.00	42.85 -0.85 0.00	38.70 -0.89 0.00	43.33 -0.98 0.00	46.70 -1.03 0.00	44.86 -1.01 0.00	38.05 -0.88 0.00	32.95 -0.72 0.00	27.72 -0.51 0.00
GENERAL___MILLS 23808	36.33 -1.93 0.00	30.60 -1.52 0.00	28.80 -1.23 0.00	24.31 -1.08 0.00	23.68 -1.25 0.00	28.29 -1.57 0.00	34.59 -2.41 0.00	47.49 -3.51 0.00	41.28 -2.57 0.00	37.27 -2.04 0.00	35.89 -1.96 0.00	29.29 -1.56 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.57 -1.76 0.00	39.29 -2.23 0.00	41.27 -2.42 0.00	36.68 -2.91 0.00	41.00 -3.30 0.00	44.12 -3.61 0.00	42.33 -3.54 0.00	36.02 -2.90 0.00	31.44 -2.22 0.00	26.32 -1.91 0.00
GE_PLASTICS___DRP 24183	38.95 0.70 0.00	32.76 0.64 0.00	30.62 0.60 0.00	25.90 0.51 0.00	25.44 0.52 0.00	30.44 0.58 0.00	37.75 0.76 0.00	51.94 0.93 0.00	44.58 0.73 0.00	39.88 0.57 0.00	38.44 0.60 0.00	31.41 0.55 0.00	32.36 0.58 0.00	31.34 0.62 0.00	38.03 0.71 0.00	42.42 0.90 0.00	44.71 1.01 0.00	40.61 1.02 0.00	45.58 1.28 0.00	49.10 1.37 0.00	47.14 1.27 0.00	40.03 1.10 0.00	34.57 0.90 0.00	28.90 0.66 0.00
GILBOA___1 23756	39.18 0.92 0.00	32.91 0.79 0.00	30.75 0.73 0.00	26.00 0.61 0.00	25.45 0.52 0.00	30.48 0.62 0.00	37.81 0.81 0.00	52.02 1.01 0.00	44.76 0.91 0.00	40.08 0.77 0.00	38.61 0.76 0.00	31.52 0.66 0.00	32.50 0.73 0.00	31.45 0.74 0.00	38.24 0.92 0.00	42.61 1.09 0.00	44.77 1.07 0.00	40.59 1.00 0.00	45.52 1.21 0.00	49.00 1.27 0.00	47.07 1.20 0.00	40.01 1.08 0.00	34.56 0.89 0.00	28.89 0.65 0.00
GILBOA___2 23757	39.18 0.92 0.00	32.91 0.79 0.00	30.75 0.73 0.00	26.00 0.61 0.00	25.45 0.52 0.00	30.48 0.62 0.00	37.81 0.81 0.00	52.02 1.01 0.00	44.76 0.91 0.00	40.08 0.77 0.00	38.61 0.76 0.00	31.52 0.66 0.00	32.50 0.73 0.00	31.45 0.74 0.00	38.24 0.92 0.00	42.61 1.09 0.00	44.77 1.07 0.00	40.59 1.00 0.00	45.52 1.21 0.00	49.00 1.27 0.00	47.07 1.20 0.00	40.01 1.08 0.00	34.56 0.89 0.00	28.89 0.65 0.00

GILBOA___3 23758	39.18 0.92 0.00	32.91 0.79 0.00	30.75 0.73 0.00	26.00 0.61 0.00	25.45 0.52 0.00	30.48 0.62 0.00	37.81 0.81 0.00	52.02 1.01 0.00	44.76 0.91 0.00	40.08 0.77 0.00	38.61 0.76 0.00	31.52 0.66 0.00	32.50 0.73 0.00	31.45 0.74 0.00	38.24 0.92 0.00	42.61 1.09 0.00	44.77 1.07 0.00	40.59 1.00 0.00	45.52 1.21 0.00	49.00 1.27 0.00	47.07 1.20 0.00	40.01 1.08 0.00	34.56 0.89 0.00	28.89 0.65 0.00
GILBOA___4 23759	39.18 0.92 0.00	32.91 0.79 0.00	30.75 0.73 0.00	26.00 0.61 0.00	25.45 0.52 0.00	30.48 0.62 0.00	37.81 0.81 0.00	52.02 1.01 0.00	44.76 0.91 0.00	40.08 0.77 0.00	38.61 0.76 0.00	31.52 0.66 0.00	32.50 0.73 0.00	31.45 0.74 0.00	38.24 0.92 0.00	42.61 1.09 0.00	44.77 1.07 0.00	40.59 1.00 0.00	45.52 1.21 0.00	49.00 1.27 0.00	47.07 1.20 0.00	40.01 1.08 0.00	34.56 0.89 0.00	28.89 0.65 0.00
GILBOA___ 23599	39.18 0.92 0.00	32.91 0.79 0.00	30.75 0.73 0.00	26.00 0.61 0.00	25.45 0.52 0.00	30.48 0.62 0.00	37.81 0.81 0.00	52.02 1.01 0.00	44.76 0.91 0.00	40.08 0.77 0.00	38.61 0.76 0.00	31.51 0.66 0.00	32.50 0.73 0.00	31.45 0.74 0.00	38.24 0.92 0.00	42.61 1.09 0.00	44.77 1.07 0.00	40.60 1.01 0.00	45.52 1.21 0.00	49.00 1.27 0.00	47.08 1.21 0.00	40.01 1.08 0.00	34.56 0.89 0.00	28.89 0.65 0.00
GINNA___ 23603	35.37 -2.89 0.00	29.73 -2.39 0.00	27.87 -2.16 0.00	23.55 -1.83 0.00	23.02 -1.91 0.00	27.55 -2.31 0.00	33.93 -3.07 0.00	46.66 -4.35 0.00	40.47 -3.38 0.00	36.46 -2.84 0.00	35.06 -2.79 0.00	28.61 -2.25 0.00	29.55 -2.22 0.00	28.53 -2.19 0.00	34.69 -2.63 0.00	38.47 -3.05 0.00	40.46 -3.24 0.00	36.39 -3.19 0.00	40.68 -3.62 0.00	43.85 -3.89 0.00	42.12 -3.75 0.00	35.75 -3.17 0.00	31.03 -2.64 0.00	26.04 -2.19 0.00
GLEN PARK___ 23778	38.20 -0.06 0.00	31.91 -0.21 0.00	29.76 -0.26 0.00	25.21 -0.18 0.00	24.96 0.04 0.00	30.10 0.24 0.00	37.47 0.47 0.00	51.68 0.67 0.00	43.95 0.10 0.00	39.52 0.21 0.00	37.49 -0.35 0.00	30.27 -0.59 0.00	31.33 -0.44 0.00	30.73 0.00 0.00	37.20 -0.12 0.00	41.84 0.32 0.00	43.73 0.03 0.00	39.41 -0.18 0.00	43.76 -0.54 0.00	47.89 0.16 0.00	46.39 0.52 0.00	39.02 0.09 0.00	33.39 -0.28 0.00	27.73 -0.51 0.00
GLENDALE_27_KV_LOAD 356172	40.49 2.23 0.00	34.00 1.88 0.00	31.70 1.68 0.00	26.84 1.46 0.00	26.31 1.39 0.00	31.54 1.68 0.00	39.37 2.37 0.00	54.31 3.30 0.00	46.61 2.76 0.00	41.83 2.52 0.00	40.31 2.46 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.28 2.95 0.00	44.89 3.37 0.00	47.17 3.47 0.00	42.79 3.20 0.00	47.69 3.38 0.00	51.27 3.54 0.00	49.18 3.31 0.00	41.82 2.89 0.00	36.16 2.49 0.00	30.10 1.86 0.00
GLENWOOD_IC_1_G5 23712	40.19 1.94 0.00	33.70 1.59 0.00	31.43 1.40 0.00	26.59 1.21 0.00	26.13 1.21 0.00	31.31 1.45 0.00	39.18 2.18 0.00	53.92 2.91 0.00	46.19 2.35 0.00	41.42 2.11 0.00	43.10 2.18 -3.07	41.10 1.87 -8.38	37.86 2.08 -4.00	47.25 2.07 -14.46	48.78 2.56 -8.89	59.63 2.92 -15.19	46.74 2.86 -0.18	75.63 2.69 -33.35	91.07 2.91 -43.85	84.85 3.07 -34.05	116.30 2.88 -67.55	84.13 2.53 -42.67	37.38 2.54 -1.17	30.58 1.69 -0.66
GLENWOOD_IC_2_G1 23688	40.08 1.82 0.00	33.63 1.52 0.00	31.38 1.36 0.00	26.55 1.16 0.00	26.08 1.15 0.00	31.25 1.39 0.00	39.06 2.06 0.00	53.79 2.78 0.00	46.09 2.24 0.00	41.32 2.01 0.00	40.01 2.05 -0.11	32.94 1.76 -0.31	33.87 1.98 -0.12	33.27 1.96 -0.59	40.12 2.43 -0.37	44.74 2.80 -0.42	46.57 2.87 0.00	43.54 2.66 -1.30	48.97 2.89 -1.77	52.08 3.05 -1.30	51.20 2.86 -2.47	43.04 2.50 -1.62	35.99 2.32 0.00	29.82 1.59 0.00
GLENWOOD_IC_3_G1 23689	40.08 1.82 0.00	33.63 1.52 0.00	31.38 1.36 0.00	26.55 1.16 0.00	26.08 1.15 0.00	31.25 1.39 0.00	39.06 2.06 0.00	53.79 2.78 0.00	46.09 2.24 0.00	41.32 2.01 0.00	40.01 2.05 -0.11	32.94 1.76 -0.31	33.87 1.98 -0.12	33.27 1.96 -0.59	40.12 2.43 -0.37	44.74 2.80 -0.42	46.57 2.87 0.00	43.54 2.66 -1.30	48.97 2.89 -1.77	52.08 3.05 -1.30	51.20 2.86 -2.47	43.04 2.50 -1.62	35.99 2.32 0.00	29.82 1.59 0.00
GLENWOOD___4 23550	40.19 1.94 0.00	33.70 1.59 0.00	31.43 1.40 0.00	26.59 1.21 0.00	26.13 1.21 0.00	31.31 1.45 0.00	39.18 2.18 0.00	53.92 2.91 0.00	46.19 2.35 0.00	41.42 2.11 0.00	43.10 2.18 -3.07	41.10 1.87 -8.38	37.86 2.08 -4.00	47.25 2.07 -14.46	48.78 2.56 -8.89	59.65 2.94 -15.19	46.79 2.91 -0.18	75.67 2.73 -33.35	91.11 2.96 -43.85	84.91 3.12 -34.05	116.36 2.94 -67.55	84.17 2.58 -42.67	37.38 2.54 -1.17	30.58 1.69 -0.66
GLENWOOD___5 23614	40.19 1.94 0.00	33.70 1.59 0.00	31.43 1.40 0.00	26.59 1.21 0.00	26.13 1.21 0.00	31.31 1.45 0.00	39.18 2.18 0.00	53.92 2.91 0.00	46.19 2.35 0.00	41.42 2.11 0.00	43.10 2.18 -3.07	41.10 1.87 -8.38	37.86 2.08 -4.00	47.25 2.07 -14.46	48.78 2.56 -8.89	59.65 2.94 -15.19	46.79 2.91 -0.18	75.67 2.73 -33.35	91.11 2.96 -43.85	84.91 3.12 -34.05	116.36 2.94 -67.55	84.17 2.58 -42.67	37.38 2.54 -1.17	30.58 1.69 -0.66
GLOBAL GREEN_PORT_GT1 23814	39.29 1.03 0.00	33.04 0.92 0.00	30.75 0.73 0.00	26.07 0.68 0.00	25.67 0.74 0.00	30.79 0.93 0.00	39.08 2.08 0.00	53.61 2.60 0.00	43.35 0.83 1.33	-10.22 0.49 50.03	-80.48 1.78 120.10	26.23 0.66 5.28	4.77 0.80 27.80	-10.92 0.80 42.45	23.22 1.06 15.16	25.90 1.21 16.83	31.13 1.20 13.77	38.33 1.58 2.83	63.60 1.94 -17.36	65.36 1.90 -15.73	63.62 1.83 -15.92	60.06 1.66 -19.47	35.87 2.75 0.54	29.01 1.09 0.31
GLOBE___DSASP 323697	35.18 -3.08 0.00	29.65 -2.46 0.00	27.91 -2.12 0.00	23.58 -1.81 0.00	22.93 -1.99 0.00	27.34 -2.52 0.00	33.33 -3.67 0.00	45.64 -5.37 0.00	39.73 -4.12 0.00	35.97 -3.34 0.00	34.64 -3.21 0.00	28.29 -2.57 0.00	29.14 -2.63 0.00	28.04 -2.68 0.00	34.14 -3.19 0.00	37.69 -3.82 0.00	39.76 -3.94 0.00	35.36 -4.22 0.00	39.41 -4.89 0.00	42.44 -5.30 0.00	40.77 -5.11 0.00	34.82 -4.11 0.00	30.45 -3.22 0.00	25.55 -2.68 0.00
GOETHSLN___LBMP 323567	40.19 1.93 0.00	33.73 1.62 0.00	31.46 1.44 0.00	26.61 1.22 0.00	26.13 1.21 0.00	31.32 1.46 0.00	39.07 2.07 0.00	53.90 2.89 0.00	46.25 2.40 0.00	41.45 2.14 0.00	39.97 2.12 0.00	32.68 1.82 0.00	33.84 2.07 0.00	32.82 2.10 0.00	39.94 2.61 0.00	44.54 3.03 0.00	46.84 3.15 0.00	42.45 2.87 0.00	47.36 3.05 0.00	50.93 3.20 0.00	48.83 2.95 0.00	41.47 2.54 0.00	35.86 2.19 0.00	29.86 1.62 0.00
GOLAH___69_KV_TB 1_2 80279	36.95 -1.31 0.00	31.08 -1.03 0.00	29.17 -0.85 0.00	24.64 -0.75 0.00	24.06 -0.87 0.00	28.77 -1.09 0.00	35.37 -1.63 0.00	48.65 -2.36 0.00	42.22 -1.62 0.00	38.09 -1.22 0.00	36.58 -1.26 0.00	29.81 -1.05 0.00	30.78 -0.99 0.00	29.72 -1.00 0.00	36.18 -1.14 0.00	40.08 -1.44 0.00	42.14 -1.55 0.00	37.80 -1.79 0.00	42.28 -2.02 0.00	45.60 -2.14 0.00	43.82 -2.06 0.00	37.24 -1.69 0.00	32.35 -1.32 0.00	27.12 -1.11 0.00

GOODYEAR_LAKE_HYD 323669	39.58 1.32 0.00	33.20 1.08 0.00	31.03 1.01 0.00	26.19 0.81 0.00	25.67 0.75 0.00	30.82 0.96 0.00	38.29 1.30 0.00	52.80 1.79 0.00	45.38 1.53 0.00	40.63 1.32 0.00	39.07 1.22 0.00	31.84 0.98 0.00	32.83 1.06 0.00	31.74 1.01 0.00	38.67 1.35 0.00	43.04 1.53 0.00	45.27 1.57 0.00	41.05 1.46 0.00	46.02 1.71 0.00	49.52 1.79 0.00	47.54 1.67 0.00	40.34 1.41 0.00	34.82 1.15 0.00	29.04 0.81 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	38.37 0.11 0.00	32.25 0.14 0.00	30.20 0.18 0.00	25.47 0.09 0.00	24.98 0.06 0.00	29.96 0.10 0.00	37.09 0.09 0.00	51.10 0.09 0.00	43.95 0.10 0.00	39.39 0.08 0.00	37.92 0.08 0.00	30.93 0.07 0.00	31.88 0.11 0.00	30.84 0.11 0.00	37.62 0.30 0.00	41.81 0.29 0.00	43.89 0.19 0.00	39.44 -0.14 0.00	44.30 0.00 0.00	47.58 -0.15 0.00	45.72 -0.16 0.00	38.68 -0.25 0.00	33.53 -0.14 0.00	28.03 -0.21 0.00
GOUDEY___7 23579	38.37 0.11 0.00	32.25 0.14 0.00	30.20 0.18 0.00	25.47 0.09 0.00	24.98 0.06 0.00	29.96 0.10 0.00	37.09 0.09 0.00	51.10 0.09 0.00	43.95 0.10 0.00	39.39 0.08 0.00	37.92 0.08 0.00	30.93 0.07 0.00	31.88 0.11 0.00	30.84 0.11 0.00	37.62 0.30 0.00	41.81 0.29 0.00	43.89 0.19 0.00	39.44 -0.14 0.00	44.30 0.00 0.00	47.58 -0.15 0.00	45.72 -0.16 0.00	38.68 -0.25 0.00	33.53 -0.14 0.00	28.03 -0.21 0.00
GOUDEY___8 23580	38.37 0.11 0.00	32.25 0.14 0.00	30.20 0.18 0.00	25.47 0.09 0.00	24.98 0.06 0.00	29.96 0.10 0.00	37.09 0.09 0.00	51.10 0.09 0.00	43.95 0.10 0.00	39.39 0.08 0.00	37.92 0.08 0.00	30.93 0.07 0.00	31.88 0.11 0.00	30.84 0.11 0.00	37.62 0.30 0.00	41.81 0.29 0.00	43.89 0.19 0.00	39.44 -0.14 0.00	44.30 0.00 0.00	47.58 -0.15 0.00	45.72 -0.16 0.00	38.68 -0.25 0.00	33.53 -0.14 0.00	28.03 -0.21 0.00
GOWANUS_GT1_1 24077	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_2 24078	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_3 24079	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_4 24080	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_5 24084	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_6 24111	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_7 24112	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT1_8 24113	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GOWANUS_GT2_1 24114	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT2_2 24115	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT2_3 24116	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00

GOWANUS_GT2_4 24117	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT2_5 24118	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT2_6 24119	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT2_7 24120	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT2_8 24121	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT3_1 24122	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_2 24123	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_3 24124	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_4 24125	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_5 24126	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_6 24127	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_7 24128	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT3_8 24129	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
GOWANUS_GT4_1 24130	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT4_2 24131	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00

GOWANUS_GT4_3 24132	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT4_4 24133	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT4_5 24134	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT4_6 24135	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT4_7 24136	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GOWANUS_GT4_8 24137	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.85 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.37 2.37 0.00	54.24 3.23 0.00	46.54 2.69 0.00	41.85 2.54 0.00	40.28 2.43 0.00	32.99 2.13 0.00	34.14 2.37 0.00	33.10 2.38 0.00	40.26 2.93 0.00	44.81 3.30 0.00	47.07 3.38 0.00	42.73 3.15 0.00	47.61 3.30 0.00	51.22 3.49 0.00	49.14 3.26 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
GREENBSH_115KV_TB3 55895	38.80 0.54 0.00	32.66 0.54 0.00	30.53 0.51 0.00	25.82 0.43 0.00	25.38 0.45 0.00	30.35 0.49 0.00	37.65 0.65 0.00	51.76 0.75 0.00	44.41 0.57 0.00	39.75 0.43 0.00	38.32 0.47 0.00	31.34 0.48 0.00	32.27 0.49 0.00	31.28 0.55 0.00	37.91 0.58 0.00	42.29 0.77 0.00	44.58 0.89 0.00	40.52 0.93 0.00	45.51 1.21 0.00	49.03 1.30 0.00	47.05 1.18 0.00	39.96 1.03 0.00	34.49 0.82 0.00	28.85 0.61 0.00
GREENDGE_115KV_TB5 80291	37.85 -0.41 0.00	31.79 -0.32 0.00	29.80 -0.23 0.00	25.13 -0.26 0.00	24.61 -0.31 0.00	29.54 -0.32 0.00	36.55 -0.44 0.00	49.99 -1.02 0.00	43.02 -0.82 0.00	38.89 -0.42 0.00	37.29 -0.56 0.00	30.30 -0.55 0.00	31.26 -0.51 0.00	30.19 -0.53 0.00	37.16 -0.16 0.00	41.27 -0.25 0.00	43.14 -0.55 0.00	38.77 -0.81 0.00	43.49 -0.81 0.00	46.58 -1.16 0.00	44.76 -1.11 0.00	37.89 -1.04 0.00	32.93 -0.74 0.00	27.54 -0.69 0.00
GREENIDGE___3 23582	37.85 -0.41 0.00	31.79 -0.32 0.00	29.80 -0.23 0.00	25.13 -0.26 0.00	24.61 -0.31 0.00	29.54 -0.32 0.00	36.55 -0.44 0.00	49.99 -1.02 0.00	43.02 -0.82 0.00	38.89 -0.42 0.00	37.29 -0.56 0.00	30.30 -0.55 0.00	31.26 -0.51 0.00	30.19 -0.53 0.00	37.16 -0.16 0.00	41.27 -0.25 0.00	43.14 -0.55 0.00	38.77 -0.81 0.00	43.49 -0.81 0.00	46.58 -1.16 0.00	44.76 -1.11 0.00	37.89 -1.04 0.00	32.93 -0.74 0.00	27.54 -0.69 0.00
GREENIDGE___4 23583	37.85 -0.41 0.00	31.79 -0.32 0.00	29.80 -0.23 0.00	25.13 -0.26 0.00	24.61 -0.31 0.00	29.54 -0.32 0.00	36.56 -0.44 0.00	49.99 -1.02 0.00	43.02 -0.82 0.00	38.89 -0.42 0.00	37.28 -0.56 0.00	30.30 -0.56 0.00	31.26 -0.52 0.00	30.19 -0.53 0.00	37.16 -0.17 0.00	41.27 -0.25 0.00	43.16 -0.54 0.00	38.77 -0.82 0.00	43.49 -0.81 0.00	46.58 -1.16 0.00	44.78 -1.09 0.00	37.89 -1.04 0.00	32.92 -0.75 0.00	27.54 -0.69 0.00
GREENLWN_69_KV_BK 3 55738	39.87 1.61 0.00	33.43 1.32 0.00	31.15 1.13 0.00	26.36 0.98 0.00	25.92 0.99 0.00	31.04 1.18 0.00	39.03 2.03 0.00	53.47 2.46 0.00	45.59 1.75 0.00	44.39 1.48 -3.60	61.93 1.45 -22.63	37.34 1.34 -5.14	39.52 1.54 -6.21	48.88 1.48 -16.68	47.51 1.72 -8.46	49.59 1.97 -6.11	46.57 1.99 -0.89	42.98 1.99 -1.40	64.93 2.21 -18.43	66.57 2.33 -16.51	66.24 2.29 -18.08	61.51 2.12 -20.47	35.86 2.63 0.44	29.51 1.52 0.25
GREENWD_138_KV_38B11_REV_LBMP_J 345004	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00
GRISSOM___SOLAR 323813	40.58 2.32 0.00	34.01 1.89 0.00	31.76 1.74 0.00	26.84 1.46 0.00	26.38 1.45 0.00	31.67 1.81 0.00	39.35 2.35 0.00	54.05 3.04 0.00	45.55 1.71 0.00	40.31 1.00 0.00	38.77 0.92 0.00	31.55 0.69 0.00	32.51 0.73 0.00	31.46 0.74 0.00	38.49 1.16 0.00	42.92 1.40 0.00	45.58 1.89 0.00	41.90 2.32 0.00	47.07 2.77 0.00	50.89 3.15 0.00	48.96 3.09 0.00	41.57 2.64 0.00	35.81 2.14 0.00	29.94 1.71 0.00
GROVEVILLE___HYD 323602	40.17 1.91 0.00	33.71 1.59 0.00	31.46 1.43 0.00	26.61 1.22 0.00	26.13 1.21 0.00	31.32 1.46 0.00	39.02 2.02 0.00	53.83 2.82 0.00	46.18 2.33 0.00	41.35 2.04 0.00	39.83 1.99 0.00	32.53 1.67 0.00	33.61 1.84 0.00	32.58 1.85 0.00	39.66 2.33 0.00	44.30 2.79 0.00	46.67 2.97 0.00	42.34 2.75 0.00	47.39 3.09 0.00	51.01 3.28 0.00	48.93 3.06 0.00	41.52 2.59 0.00	35.84 2.17 0.00	29.82 1.59 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.16 -0.23 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.48 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.94 -0.58 0.00	43.05 -0.65 0.00	38.88 -0.71 0.00	43.54 -0.76 0.00	46.95 -0.78 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00

HAMLTNNY_34_KV_TB 80303	37.92 -0.34 0.00	31.83 -0.29 0.00	29.74 -0.28 0.00	25.14 -0.25 0.00	24.65 -0.28 0.00	29.54 -0.32 0.00	36.54 -0.45 0.00	50.31 -0.70 0.00	43.27 -0.58 0.00	38.83 -0.48 0.00	37.34 -0.50 0.00	30.38 -0.48 0.00	31.32 -0.45 0.00	30.27 -0.45 0.00	36.76 -0.57 0.00	40.86 -0.65 0.00	42.97 -0.73 0.00	38.80 -0.78 0.00	43.42 -0.88 0.00	46.81 -0.92 0.00	44.99 -0.88 0.00	38.16 -0.77 0.00	33.06 -0.61 0.00	27.79 -0.44 0.00
HAMPSHIRE___PAPER_HYD 323593	37.63 -0.62 0.00	31.48 -0.63 0.00	29.38 -0.64 0.00	24.88 -0.51 0.00	24.58 -0.35 0.00	29.55 -0.31 0.00	36.53 -0.47 0.00	50.50 -0.51 0.00	43.28 -0.56 0.00	38.81 -0.51 0.00	37.08 -0.77 0.00	30.06 -0.81 0.00	31.04 -0.74 0.00	30.13 -0.58 0.00	36.72 -0.60 0.00	41.15 -0.36 0.00	43.29 -0.41 0.00	39.04 -0.55 0.00	43.34 -0.97 0.00	47.05 -0.68 0.00	45.42 -0.46 0.00	38.32 -0.61 0.00	33.00 -0.67 0.00	27.51 -0.73 0.00
HARDSCRABBLE_WT_PWR 323673	38.04 -0.22 0.00	31.94 -0.18 0.00	29.87 -0.15 0.00	25.24 -0.15 0.00	24.83 -0.10 0.00	29.82 -0.04 0.00	37.08 0.09 0.00	50.58 -0.43 0.00	42.51 -1.33 0.00	37.70 -1.61 0.00	36.30 -1.55 0.00	29.60 -1.25 0.00	30.91 -0.86 0.00	30.01 -0.72 0.00	36.46 -0.86 0.00	40.62 -0.90 0.00	43.01 -0.68 0.00	39.44 -0.15 0.00	44.61 0.31 0.00	48.13 0.40 0.00	46.25 0.37 0.00	39.24 0.31 0.00	33.79 0.12 0.00	28.13 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	39.86 1.60 0.00	33.44 1.33 0.00	31.21 1.18 0.00	26.38 0.99 0.00	25.91 0.98 0.00	31.07 1.21 0.00	38.73 1.73 0.00	53.42 2.42 0.00	45.81 1.96 0.00	41.03 1.72 0.00	39.55 1.71 0.00	32.32 1.46 0.00	33.43 1.66 0.00	32.42 1.70 0.00	39.49 2.16 0.00	44.10 2.58 0.00	46.41 2.71 0.00	42.04 2.46 0.00	47.01 2.71 0.00	50.59 2.86 0.00	48.55 2.67 0.00	41.17 2.25 0.00	35.54 1.87 0.00	29.59 1.36 0.00
HARSNRAD_115KV_TB1 81005	35.74 -2.52 0.00	30.10 -2.01 0.00	28.32 -1.71 0.00	23.93 -1.45 0.00	23.30 -1.63 0.00	27.80 -2.06 0.00	33.93 -3.06 0.00	46.50 -4.51 0.00	40.45 -3.39 0.00	36.60 -2.71 0.00	35.22 -2.63 0.00	28.76 -2.10 0.00	29.62 -2.15 0.00	28.52 -2.20 0.00	34.75 -2.58 0.00	38.39 -3.12 0.00	40.42 -3.27 0.00	35.96 -3.62 0.00	40.12 -4.18 0.00	43.23 -4.50 0.00	41.52 -4.36 0.00	35.43 -3.50 0.00	30.98 -2.70 0.00	25.95 -2.29 0.00
HARZA MOOSE___RIVER 24016	38.62 0.36 0.00	32.32 0.20 0.00	30.15 0.13 0.00	25.53 0.15 0.00	25.20 0.28 0.00	30.31 0.45 0.00	37.61 0.61 0.00	51.82 0.82 0.00	44.42 0.57 0.00	39.74 0.43 0.00	38.01 0.16 0.00	30.89 0.03 0.00	31.93 0.15 0.00	30.96 0.24 0.00	37.63 0.31 0.00	42.02 0.51 0.00	44.30 0.60 0.00	40.06 0.48 0.00	44.67 0.36 0.00	48.45 0.72 0.00	46.67 0.80 0.00	39.37 0.44 0.00	33.86 0.19 0.00	28.17 -0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	37.76 -0.49 0.00	31.70 -0.41 0.00	29.65 -0.38 0.00	25.05 -0.34 0.00	24.58 -0.34 0.00	29.44 -0.42 0.00	36.44 -0.56 0.00	50.20 -0.81 0.00	43.17 -0.68 0.00	38.71 -0.60 0.00	37.28 -0.57 0.00	30.37 -0.49 0.00	31.24 -0.53 0.00	30.21 -0.50 0.00	36.72 -0.60 0.00	40.78 -0.74 0.00	42.88 -0.82 0.00	38.71 -0.87 0.00	43.36 -0.95 0.00	46.72 -1.02 0.00	44.88 -1.00 0.00	38.06 -0.87 0.00	32.95 -0.72 0.00	27.72 -0.51 0.00
HELLGATE_13_KV_LD 55870	40.50 2.24 0.00	34.02 1.90 0.00	31.71 1.69 0.00	26.86 1.47 0.00	26.32 1.39 0.00	31.55 1.69 0.00	39.39 2.39 0.00	54.33 3.32 0.00	46.62 2.77 0.00	41.85 2.54 0.00	40.33 2.49 0.00	33.00 2.15 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.31 2.99 0.00	44.92 3.40 0.00	47.20 3.50 0.00	42.82 3.24 0.00	47.70 3.40 0.00	51.29 3.56 0.00	49.20 3.33 0.00	41.83 2.90 0.00	36.17 2.49 0.00	30.12 1.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	40.50 2.24 0.00	34.02 1.90 0.00	31.71 1.69 0.00	26.86 1.47 0.00	26.32 1.39 0.00	31.55 1.69 0.00	39.39 2.39 0.00	54.33 3.32 0.00	46.62 2.77 0.00	41.85 2.54 0.00	40.33 2.49 0.00	33.00 2.15 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.31 2.99 0.00	44.92 3.40 0.00	47.20 3.50 0.00	42.82 3.24 0.00	47.70 3.40 0.00	51.29 3.56 0.00	49.20 3.33 0.00	41.83 2.90 0.00	36.17 2.49 0.00	30.12 1.88 0.00
HEMPSTEAD____ 23647	39.95 1.69 0.00	33.49 1.38 0.00	31.21 1.18 0.00	26.42 1.04 0.00	25.96 1.03 0.00	31.12 1.26 0.00	39.03 2.03 0.00	53.61 2.60 0.00	45.84 1.99 0.00	41.09 1.78 0.00	42.55 1.87 -2.83	40.16 1.62 -7.69	37.58 1.81 -3.99	45.27 1.79 -12.76	47.34 2.21 -7.80	59.10 2.52 -15.06	46.33 2.46 -0.17	71.77 2.36 -29.83	85.52 2.56 -38.66	81.13 2.72 -30.68	110.24 2.57 -61.80	79.95 2.31 -38.70	37.63 2.46 -1.50	30.62 1.53 -0.85
HEWLETT_69_KV_BK3 55828	40.29 2.04 0.00	33.76 1.65 0.00	31.47 1.45 0.00	26.63 1.24 0.00	26.16 1.23 0.00	31.37 1.51 0.00	39.33 2.34 0.00	54.00 2.99 0.00	46.18 2.34 0.00	41.42 2.11 0.00	45.16 2.22 -5.09	46.19 1.88 -13.46	44.08 2.09 -10.21	49.83 2.06 -17.05	49.82 2.52 -9.97	91.12 2.87 -46.74	47.13 2.89 -0.55	115.73 2.73 -73.41	110.70 3.00 -63.40	104.76 3.20 -53.83	190.49 3.05 -141.56	109.16 2.71 -67.52	43.63 2.82 -7.14	34.08 1.79 -4.06
HICKLING___1 23621	38.12 -0.14 0.00	32.04 -0.07 0.00	30.08 0.06 0.00	25.33 -0.06 0.00	24.81 -0.11 0.00	29.82 -0.04 0.00	36.89 -0.11 0.00	50.78 -0.23 0.00	43.63 -0.21 0.00	39.18 -0.13 0.00	37.67 -0.18 0.00	30.68 -0.18 0.00	31.66 -0.11 0.00	30.61 -0.11 0.00	37.70 0.37 0.00	41.89 0.37 0.00	43.76 0.06 0.00	38.97 -0.62 0.00	43.84 -0.46 0.00	46.89 -0.84 0.00	44.99 -0.88 0.00	37.93 -1.00 0.00	32.97 -0.70 0.00	27.53 -0.71 0.00
HICKLING___2 23622	38.12 -0.14 0.00	32.04 -0.07 0.00	30.08 0.06 0.00	25.33 -0.06 0.00	24.81 -0.11 0.00	29.82 -0.04 0.00	36.89 -0.11 0.00	50.78 -0.23 0.00	43.63 -0.21 0.00	39.18 -0.13 0.00	37.67 -0.18 0.00	30.68 -0.18 0.00	31.66 -0.11 0.00	30.61 -0.11 0.00	37.70 0.37 0.00	41.89 0.37 0.00	43.76 0.06 0.00	38.97 -0.62 0.00	43.84 -0.46 0.00	46.89 -0.84 0.00	44.99 -0.88 0.00	37.93 -1.00 0.00	32.97 -0.70 0.00	27.53 -0.71 0.00
HIGH FALLS___HY 23754	40.18 1.92 0.00	33.69 1.58 0.00	31.45 1.42 0.00	26.60 1.21 0.00	26.11 1.19 0.00	31.30 1.44 0.00	39.02 2.02 0.00	53.84 2.83 0.00	46.16 2.32 0.00	41.30 2.00 0.00	39.72 1.87 0.00	32.37 1.51 0.00	33.49 1.71 0.00	32.44 1.71 0.00	39.44 2.11 0.00	44.19 2.67 0.00	46.54 2.85 0.00	42.17 2.59 0.00	47.24 2.94 0.00	50.91 3.18 0.00	48.88 3.01 0.00	41.46 2.53 0.00	35.78 2.11 0.00	29.76 1.53 0.00
HIGH_RIVER___SOLAR 323847	40.10 1.84 0.00	33.63 1.51 0.00	31.41 1.39 0.00	26.57 1.18 0.00	26.10 1.18 0.00	31.31 1.45 0.00	38.86 1.87 0.00	53.33 2.32 0.00	45.23 1.39 0.00	39.94 0.64 0.00	38.23 0.38 0.00	31.28 0.42 0.00	32.15 0.38 0.00	31.22 0.50 0.00	38.11 0.78 0.00	42.55 1.04 0.00	45.04 1.35 0.00	41.39 1.81 0.00	46.52 2.22 0.00	50.28 2.54 0.00	48.33 2.46 0.00	41.02 2.09 0.00	35.38 1.70 0.00	29.59 1.36 0.00

HILLBURN___GT 23639	39.82 1.56 0.00	33.42 1.30 0.00	31.18 1.16 0.00	26.35 0.96 0.00	25.89 0.96 0.00	31.08 1.21 0.00	38.77 1.77 0.00	53.49 2.49 0.00	45.84 1.99 0.00	41.05 1.74 0.00	39.59 1.74 0.00	32.36 1.50 0.00	33.50 1.72 0.00	32.48 1.76 0.00	39.52 2.20 0.00	44.11 2.59 0.00	46.43 2.73 0.00	42.00 2.41 0.00	46.95 2.65 0.00	50.51 2.77 0.00	48.46 2.59 0.00	41.12 2.19 0.00	35.51 1.84 0.00	29.56 1.33 0.00
HILLSIDE_115KV_TB1 80332	37.87 -0.39 0.00	31.86 -0.25 0.00	29.89 -0.13 0.00	25.16 -0.23 0.00	24.66 -0.27 0.00	29.63 -0.23 0.00	36.65 -0.34 0.00	50.49 -0.52 0.00	43.36 -0.48 0.00	38.92 -0.39 0.00	37.46 -0.38 0.00	30.55 -0.31 0.00	31.53 -0.24 0.00	30.49 -0.23 0.00	37.42 0.10 0.00	41.55 0.03 0.00	43.42 -0.28 0.00	38.72 -0.87 0.00	43.59 -0.71 0.00	46.64 -1.10 0.00	44.80 -1.07 0.00	37.77 -1.16 0.00	32.85 -0.82 0.00	27.42 -0.81 0.00
HISHELDN_WT_PWR 323625	36.42 -1.84 0.00	30.61 -1.50 0.00	28.80 -1.22 0.00	24.34 -1.04 0.00	23.74 -1.19 0.00	28.37 -1.49 0.00	34.75 -2.24 0.00	47.73 -3.28 0.00	41.36 -2.48 0.00	37.31 -2.00 0.00	35.79 -2.06 0.00	29.10 -1.76 0.00	30.01 -1.76 0.00	29.10 -1.63 0.00	35.70 -1.63 0.00	39.54 -1.98 0.00	41.36 -2.33 0.00	36.73 -2.86 0.00	41.18 -3.12 0.00	44.21 -3.53 0.00	42.35 -3.52 0.00	35.95 -2.98 0.00	31.34 -2.33 0.00	26.21 -2.03 0.00
HOLTSVILLE_IC_1 23690	39.94 1.68 0.00	33.53 1.41 0.00	31.22 1.20 0.00	26.46 1.07 0.00	26.02 1.09 0.00	31.17 1.32 0.00	39.33 2.33 0.00	53.91 2.90 0.00	45.38 1.63 0.10	17.79 1.38 22.89	-80.97 1.63 120.45	28.79 1.39 3.45	5.44 1.57 27.90	-10.34 1.55 42.61	23.91 1.82 15.23	31.32 1.99 12.19	40.00 1.83 5.52	41.01 1.80 0.38	63.69 2.10 -17.29	65.68 2.27 -15.67	63.90 2.27 -15.76	60.50 2.17 -19.40	35.97 2.86 0.55	29.43 1.51 0.31
HOLTSVILLE_IC_10 23699	40.11 1.85 0.00	33.67 1.56 0.00	31.35 1.32 0.00	26.56 1.17 0.00	26.12 1.19 0.00	31.31 1.46 0.00	39.52 2.52 0.00	54.18 3.17 0.00	46.17 1.82 -0.51	32.23 1.51 8.60	-76.22 1.75 115.82	30.18 1.50 2.18	6.72 1.68 26.74	-8.23 1.65 40.61	24.86 1.95 14.41	34.67 2.13 8.97	44.46 1.99 1.23	42.98 1.93 -1.46	64.27 2.30 -17.67	66.16 2.47 -15.95	64.91 2.46 -16.58	61.02 2.33 -19.75	36.20 3.04 0.51	29.57 1.63 0.29
HOLTSVILLE_IC_2 23691	39.94 1.68 0.00	33.53 1.41 0.00	31.22 1.20 0.00	26.46 1.07 0.00	26.02 1.09 0.00	31.17 1.32 0.00	39.33 2.33 0.00	53.91 2.90 0.00	45.38 1.63 0.10	17.79 1.38 22.89	-80.97 1.63 120.45	28.79 1.39 3.45	5.44 1.57 27.90	-10.34 1.55 42.61	23.91 1.82 15.23	31.32 1.99 12.19	40.00 1.83 5.52	41.01 1.80 0.38	63.69 2.10 -17.29	65.68 2.27 -15.67	63.90 2.27 -15.76	60.50 2.17 -19.40	35.97 2.86 0.55	29.43 1.51 0.31
HOLTSVILLE_IC_3 23692	39.94 1.68 0.00	33.53 1.41 0.00	31.22 1.20 0.00	26.46 1.07 0.00	26.02 1.09 0.00	31.17 1.32 0.00	39.33 2.33 0.00	53.91 2.90 0.00	45.38 1.63 0.10	17.79 1.38 22.89	-80.97 1.63 120.45	28.79 1.39 3.45	5.44 1.57 27.90	-10.34 1.55 42.61	23.91 1.82 15.23	31.32 1.99 12.19	40.00 1.83 5.52	41.01 1.80 0.38	63.69 2.10 -17.29	65.68 2.27 -15.67	63.90 2.27 -15.76	60.50 2.17 -19.40	35.97 2.86 0.55	29.43 1.51 0.31
HOLTSVILLE_IC_4 23693	39.94 1.68 0.00	33.53 1.41 0.00	31.22 1.20 0.00	26.46 1.07 0.00	26.02 1.09 0.00	31.17 1.32 0.00	39.33 2.33 0.00	53.91 2.90 0.00	45.38 1.63 0.10	17.79 1.38 22.89	-80.97 1.63 120.45	28.79 1.39 3.45	5.44 1.57 27.90	-10.34 1.55 42.61	23.91 1.82 15.23	31.32 1.99 12.19	40.00 1.83 5.52	41.01 1.80 0.38	63.69 2.10 -17.29	65.68 2.27 -15.67	63.90 2.27 -15.76	60.50 2.17 -19.40	35.97 2.86 0.55	29.43 1.51 0.31
HOLTSVILLE_IC_5 23694	39.94 1.68 0.00	33.53 1.41 0.00	31.22 1.20 0.00	26.46 1.07 0.00	26.02 1.09 0.00	31.17 1.32 0.00	39.33 2.33 0.00	53.91 2.90 0.00	45.38 1.63 0.10	17.79 1.38 22.89	-80.97 1.63 120.45	28.79 1.39 3.45	5.44 1.57 27.90	-10.34 1.55 42.61	23.91 1.82 15.23	31.32 1.99 12.19	40.00 1.83 5.52	41.01 1.80 0.38	63.69 2.10 -17.29	65.68 2.27 -15.67	63.90 2.27 -15.76	60.50 2.17 -19.40	35.97 2.86 0.55	29.43 1.51 0.31
HOLTSVILLE_IC_6 23695	40.11 1.85 0.00	33.67 1.56 0.00	31.35 1.32 0.00	26.56 1.17 0.00	26.12 1.19 0.00	31.31 1.46 0.00	39.52 2.52 0.00	54.18 3.17 0.00	46.17 1.82 -0.51	32.23 1.51 8.60	-76.22 1.75 115.82	30.18 1.50 2.18	6.72 1.68 26.74	-8.23 1.65 40.61	24.86 1.95 14.41	34.67 2.13 8.97	44.46 1.99 1.23	42.98 1.93 -1.46	64.27 2.30 -17.67	66.16 2.47 -15.95	64.91 2.46 -16.58	61.02 2.33 -19.75	36.20 3.04 0.51	29.57 1.63 0.29
HOLTSVILLE_IC_7 23696	40.11 1.85 0.00	33.67 1.56 0.00	31.35 1.32 0.00	26.56 1.17 0.00	26.12 1.19 0.00	31.31 1.46 0.00	39.52 2.52 0.00	54.18 3.17 0.00	46.17 1.82 -0.51	32.23 1.51 8.60	-76.22 1.75 115.82	30.18 1.50 2.18	6.72 1.68 26.74	-8.23 1.65 40.61	24.86 1.95 14.41	34.67 2.13 8.97	44.46 1.99 1.23	42.98 1.93 -1.46	64.27 2.30 -17.67	66.16 2.47 -15.95	64.91 2.46 -16.58	61.02 2.33 -19.75	36.20 3.04 0.51	29.57 1.63 0.29
HOLTSVILLE_IC_8 23697	40.11 1.85 0.00	33.67 1.56 0.00	31.35 1.32 0.00	26.56 1.17 0.00	26.12 1.19 0.00	31.31 1.46 0.00	39.52 2.52 0.00	54.18 3.17 0.00	46.17 1.82 -0.51	32.23 1.51 8.60	-76.22 1.75 115.82	30.18 1.50 2.18	6.72 1.68 26.74	-8.23 1.65 40.61	24.86 1.95 14.41	34.67 2.13 8.97	44.46 1.99 1.23	42.98 1.93 -1.46	64.27 2.30 -17.67	66.16 2.47 -15.95	64.91 2.46 -16.58	61.02 2.33 -19.75	36.20 3.04 0.51	29.57 1.63 0.29
HOLTSVILLE_IC_9 23698	40.11 1.85 0.00	33.67 1.56 0.00	31.35 1.32 0.00	26.56 1.17 0.00	26.12 1.19 0.00	31.31 1.46 0.00	39.52 2.52 0.00	54.18 3.17 0.00	46.17 1.82 -0.51	32.23 1.51 8.60	-76.22 1.75 115.82	30.18 1.50 2.18	6.72 1.68 26.74	-8.23 1.65 40.61	24.86 1.95 14.41	34.67 2.13 8.97	44.46 1.99 1.23	42.98 1.93 -1.46	64.27 2.30 -17.67	66.16 2.47 -15.95	64.91 2.46 -16.58	61.02 2.33 -19.75	36.20 3.04 0.51	29.57 1.63 0.29
HOMER_HL_115KV_TB2 355744	37.17 -1.09 0.00	31.32 -0.79 0.00	29.46 -0.57 0.00	24.84 -0.55 0.00	24.34 -0.59 0.00	29.19 -0.67 0.00	35.89 -1.10 0.00	49.53 -1.48 0.00	42.75 -1.10 0.00	38.39 -0.92 0.00	36.98 -0.87 0.00	30.33 -0.53 0.00	31.37 -0.40 0.00	30.31 -0.41 0.00	37.01 -0.32 0.00	40.90 -0.62 0.00	42.74 -0.95 0.00	37.80 -1.78 0.00	42.44 -1.86 0.00	45.64 -2.10 0.00	43.78 -2.10 0.00	37.04 -1.89 0.00	32.30 -1.37 0.00	26.94 -1.30 0.00
HOWARD_WT_PWR 323690	37.41 -0.85 0.00	31.36 -0.75 0.00	29.34 -0.69 0.00	24.60 -0.79 0.00	23.98 -0.94 0.00	28.86 -1.00 0.00	35.72 -1.28 0.00	49.31 -1.70 0.00	42.57 -1.28 0.00	38.32 -0.99 0.00	36.66 -1.18 0.00	29.67 -1.18 0.00	30.69 -1.09 0.00	29.66 -1.06 0.00	37.14 -0.19 0.00	41.26 -0.26 0.00	43.01 -0.69 0.00	38.00 -1.59 0.00	42.66 -1.64 0.00	45.39 -2.34 0.00	43.35 -2.52 0.00	36.55 -2.38 0.00	31.82 -1.85 0.00	26.53 -1.70 0.00

HQ_GEN_CEDARS 23644	38.39 0.13 0.00	32.16 0.04 0.00	30.09 0.07 0.00	25.44 0.05 0.00	25.04 0.11 0.00	30.03 0.17 0.00	37.11 0.12 0.00	51.44 0.43 0.00	44.34 0.49 0.00	39.86 0.55 0.00	38.31 0.46 0.00	31.14 0.28 0.00	32.00 0.23 0.00	30.84 0.11 0.00	37.58 0.25 0.00	41.91 0.40 0.00	44.19 0.49 0.00	40.01 0.43 0.00	44.43 0.13 0.00	47.95 0.21 0.00	46.21 0.34 0.00	39.19 0.26 0.00	33.94 0.27 0.00	28.47 0.24 0.00
HQ_GEN_CEDARS_PROXY 323590	38.39 0.13 0.00	32.16 0.04 0.00	30.09 0.07 0.00	25.44 0.05 0.00	25.04 0.11 0.00	30.03 0.17 0.00	37.11 0.12 0.00	51.44 0.43 0.00	44.34 0.49 0.00	39.86 0.55 0.00	38.31 0.46 0.00	31.14 0.28 0.00	32.00 0.23 0.00	30.84 0.11 0.00	37.58 0.25 0.00	41.91 0.40 0.00	44.18 0.49 0.00	40.01 0.42 0.00	44.43 0.13 0.00	47.95 0.21 0.00	46.21 0.33 0.00	39.19 0.26 0.00	33.94 0.27 0.00	28.47 0.24 0.00
HQ_GEN_IMPORT 323601	37.60 -0.04 0.61	32.06 -0.06 0.00	29.98 -0.04 0.00	25.36 -0.03 0.00	24.91 -0.01 0.00	29.86 0.00 0.00	37.52 -0.02 -0.55	51.11 0.10 0.00	43.99 0.14 0.00	39.50 0.19 0.00	38.03 0.18 0.00	30.98 0.12 0.00	31.85 0.08 0.00	30.77 0.04 0.00	37.38 0.05 0.00	41.59 0.07 0.00	43.80 0.10 0.00	39.69 0.10 0.00	44.29 -0.01 0.00	47.74 0.00 0.00	45.93 0.06 0.00	38.97 0.04 0.00	33.73 0.06 0.00	28.29 0.06 0.00
HQ_GEN_WHEEL 23651	37.60 -0.04 0.61	32.06 -0.06 0.00	29.98 -0.04 0.00	25.36 -0.03 0.00	24.91 -0.01 0.00	29.86 0.00 0.00	37.52 -0.02 -0.55	51.11 0.10 0.00	43.99 0.14 0.00	39.50 0.19 0.00	38.03 0.18 0.00	30.98 0.12 0.00	31.85 0.08 0.00	30.77 0.04 0.00	37.38 0.05 0.00	41.59 0.07 0.00	43.80 0.10 0.00	39.69 0.10 0.00	44.29 -0.01 0.00	47.74 0.00 0.00	45.93 0.06 0.00	38.97 0.04 0.00	33.73 0.06 0.00	28.29 0.06 0.00
HUDSON_AVE_GT_3 23810	40.39 2.13 0.00	33.90 1.78 0.00	31.60 1.58 0.00	26.74 1.35 0.00	26.26 1.33 0.00	31.45 1.60 0.00	39.25 2.25 0.00	54.15 3.15 0.00	46.48 2.63 0.00	41.67 2.36 0.00	40.19 2.34 0.00	32.86 2.00 0.00	34.01 2.23 0.00	32.98 2.25 0.00	40.13 2.81 0.00	44.76 3.24 0.00	47.05 3.36 0.00	42.65 3.07 0.00	47.55 3.25 0.00	51.15 3.42 0.00	49.04 3.17 0.00	41.66 2.73 0.00	36.03 2.36 0.00	29.99 1.76 0.00
HUDSON_AVE_GT_4 23540	40.39 2.13 0.00	33.90 1.78 0.00	31.60 1.58 0.00	26.74 1.35 0.00	26.26 1.33 0.00	31.45 1.60 0.00	39.25 2.25 0.00	54.15 3.15 0.00	46.48 2.63 0.00	41.67 2.36 0.00	40.19 2.34 0.00	32.86 2.00 0.00	34.01 2.23 0.00	32.98 2.25 0.00	40.13 2.81 0.00	44.76 3.24 0.00	47.05 3.36 0.00	42.65 3.07 0.00	47.55 3.25 0.00	51.15 3.42 0.00	49.04 3.17 0.00	41.66 2.73 0.00	36.03 2.36 0.00	29.99 1.76 0.00
HUDSON_AVE_GT_5 23657	40.39 2.13 0.00	33.90 1.78 0.00	31.60 1.58 0.00	26.74 1.35 0.00	26.26 1.33 0.00	31.45 1.60 0.00	39.25 2.25 0.00	54.15 3.15 0.00	46.48 2.63 0.00	41.67 2.36 0.00	40.19 2.34 0.00	32.86 2.00 0.00	34.01 2.23 0.00	32.98 2.25 0.00	40.13 2.81 0.00	44.76 3.24 0.00	47.05 3.36 0.00	42.65 3.07 0.00	47.55 3.25 0.00	51.15 3.42 0.00	49.04 3.17 0.00	41.66 2.73 0.00	36.03 2.36 0.00	29.99 1.76 0.00
HUDSON_AVE_10 24168	40.31 2.05 0.00	33.84 1.72 0.00	31.56 1.54 0.00	26.71 1.32 0.00	26.23 1.30 0.00	31.39 1.54 0.00	39.18 2.19 0.00	54.06 3.05 0.00	46.36 2.51 0.00	41.52 2.21 0.00	40.01 2.16 0.00	32.72 1.86 0.00	33.87 2.10 0.00	32.86 2.13 0.00	39.99 2.66 0.00	44.60 3.09 0.00	46.88 3.18 0.00	53.78 2.88 -11.31	51.22 3.08 -3.84	50.99 3.25 0.00	57.72 3.00 -8.85	41.53 2.60 0.00	35.95 2.28 0.00	29.93 1.70 0.00
HUDSON___115KV_TB 4 355613	39.42 1.16 0.00	33.15 1.03 0.00	30.99 0.96 0.00	26.20 0.81 0.00	25.76 0.84 0.00	30.83 0.97 0.00	38.28 1.29 0.00	52.64 1.63 0.00	45.01 1.17 0.00	40.11 0.80 0.00	38.65 0.81 0.00	31.59 0.73 0.00	32.43 0.66 0.00	31.45 0.74 0.00	38.18 0.85 0.00	42.64 1.13 0.00	45.18 1.48 0.00	41.13 1.55 0.00	46.32 2.02 0.00	50.01 2.28 0.00	48.00 2.13 0.00	40.74 1.82 0.00	35.14 1.47 0.00	29.34 1.11 0.00
HUNTER MOUNT___DRP 323613	39.51 1.25 0.00	33.22 1.11 0.00	31.05 1.03 0.00	26.26 0.87 0.00	25.82 0.89 0.00	30.92 1.06 0.00	38.38 1.39 0.00	52.77 1.76 0.00	45.13 1.28 0.00	40.18 0.87 0.00	38.71 0.86 0.00	31.60 0.74 0.00	32.45 0.67 0.00	31.48 0.76 0.00	38.22 0.89 0.00	42.71 1.20 0.00	45.25 1.56 0.00	41.19 1.61 0.00	46.44 2.13 0.00	50.15 2.41 0.00	48.14 2.27 0.00	40.85 1.92 0.00	35.21 1.55 0.00	29.41 1.18 0.00
HUNTINGTON_RES_REC 323705	40.17 1.91 0.00	33.69 1.57 0.00	31.36 1.34 0.00	26.55 1.16 0.00	26.11 1.19 0.00	31.30 1.44 0.00	39.45 2.45 0.00	54.07 3.06 0.00	45.92 1.94 -0.13	6.27 1.64 34.68	-181.06 1.76 220.66	23.71 1.52 8.67	-18.07 1.71 51.55	-51.37 1.67 83.75	7.70 1.97 31.60	20.98 2.22 22.75	37.90 2.15 7.95	42.84 2.08 -1.18	64.72 2.42 -18.00	66.47 2.57 -16.17	65.61 2.54 -17.19	61.35 2.39 -20.03	36.15 2.96 0.48	29.63 1.67 0.27
HUNTLEY___63 23557	36.04 -2.22 0.00	30.36 -1.75 0.00	28.54 -1.48 0.00	24.12 -1.27 0.00	23.47 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.79 0.00	46.92 -4.08 0.00	40.82 -3.03 0.00	36.92 -2.39 0.00	35.56 -2.29 0.00	29.04 -1.82 0.00	29.91 -1.86 0.00	28.82 -1.90 0.00	35.12 -2.21 0.00	38.80 -2.72 0.00	40.83 -2.86 0.00	36.31 -3.27 0.00	40.54 -3.77 0.00	43.64 -4.09 0.00	41.91 -3.96 0.00	35.74 -3.19 0.00	31.22 -2.45 0.00	26.15 -2.08 0.00
HUNTLEY___64 23558	36.04 -2.22 0.00	30.36 -1.75 0.00	28.54 -1.48 0.00	24.12 -1.27 0.00	23.47 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.79 0.00	46.92 -4.08 0.00	40.82 -3.03 0.00	36.92 -2.39 0.00	35.56 -2.29 0.00	29.04 -1.82 0.00	29.91 -1.86 0.00	28.82 -1.90 0.00	35.12 -2.21 0.00	38.80 -2.72 0.00	40.83 -2.86 0.00	36.31 -3.27 0.00	40.54 -3.77 0.00	43.64 -4.09 0.00	41.91 -3.96 0.00	35.74 -3.19 0.00	31.22 -2.45 0.00	26.15 -2.08 0.00
HUNTLEY___65 23559	36.04 -2.22 0.00	30.36 -1.75 0.00	28.54 -1.48 0.00	24.12 -1.27 0.00	23.47 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.79 0.00	46.92 -4.08 0.00	40.82 -3.03 0.00	36.92 -2.39 0.00	35.56 -2.29 0.00	29.04 -1.82 0.00	29.91 -1.86 0.00	28.82 -1.90 0.00	35.12 -2.21 0.00	38.80 -2.72 0.00	40.83 -2.86 0.00	36.31 -3.27 0.00	40.54 -3.77 0.00	43.64 -4.09 0.00	41.91 -3.96 0.00	35.74 -3.19 0.00	31.22 -2.45 0.00	26.15 -2.08 0.00
HUNTLEY___66 23560	36.04 -2.22 0.00	30.36 -1.75 0.00	28.54 -1.48 0.00	24.12 -1.27 0.00	23.47 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.79 0.00	46.92 -4.08 0.00	40.82 -3.03 0.00	36.92 -2.39 0.00	35.56 -2.29 0.00	29.04 -1.82 0.00	29.91 -1.86 0.00	28.82 -1.90 0.00	35.12 -2.21 0.00	38.80 -2.72 0.00	40.83 -2.86 0.00	36.31 -3.27 0.00	40.54 -3.77 0.00	43.64 -4.09 0.00	41.91 -3.96 0.00	35.74 -3.19 0.00	31.22 -2.45 0.00	26.15 -2.08 0.00

HUNTLEY___67 23561	35.92 -2.34 0.00	30.26 -1.85 0.00	28.48 -1.54 0.00	24.05 -1.34 0.00	23.41 -1.51 0.00	27.94 -1.92 0.00	34.14 -2.86 0.00	46.83 -4.18 0.00	40.71 -3.14 0.00	36.80 -2.51 0.00	35.43 -2.42 0.00	28.93 -1.93 0.00	29.83 -1.95 0.00	28.73 -1.99 0.00	35.03 -2.30 0.00	38.70 -2.82 0.00	40.71 -2.99 0.00	36.19 -3.40 0.00	40.41 -3.89 0.00	43.51 -4.23 0.00	41.78 -4.10 0.00	35.59 -3.34 0.00	31.09 -2.58 0.00	26.06 -2.17 0.00
HUNTLEY___68 23562	35.92 -2.34 0.00	30.26 -1.85 0.00	28.48 -1.54 0.00	24.05 -1.34 0.00	23.41 -1.51 0.00	27.94 -1.92 0.00	34.14 -2.86 0.00	46.83 -4.18 0.00	40.71 -3.14 0.00	36.80 -2.51 0.00	35.43 -2.42 0.00	28.93 -1.93 0.00	29.83 -1.95 0.00	28.73 -1.99 0.00	35.03 -2.30 0.00	38.70 -2.82 0.00	40.71 -2.99 0.00	36.19 -3.40 0.00	40.41 -3.89 0.00	43.51 -4.23 0.00	41.78 -4.10 0.00	35.59 -3.34 0.00	31.09 -2.58 0.00	26.06 -2.17 0.00
HYLAND___LFGE 323620	38.35 0.09 0.00	32.16 0.05 0.00	30.19 0.16 0.00	25.46 0.08 0.00	24.87 -0.05 0.00	29.87 0.02 0.00	36.94 -0.06 0.00	50.77 -0.23 0.00	43.66 -0.18 0.00	38.82 -0.50 0.00	37.01 -0.84 0.00	30.06 -0.80 0.00	31.13 -0.65 0.00	30.33 -0.40 0.00	37.16 -0.17 0.00	41.44 -0.08 0.00	43.43 -0.27 0.00	38.87 -0.71 0.00	43.76 -0.55 0.00	47.32 -0.41 0.00	45.46 -0.41 0.00	38.55 -0.38 0.00	33.35 -0.32 0.00	27.84 -0.40 0.00
INDECK___CORINTH 23802	40.07 1.81 0.00	33.63 1.52 0.00	31.43 1.41 0.00	26.60 1.22 0.00	26.21 1.28 0.00	31.44 1.58 0.00	39.20 2.21 0.00	53.90 2.90 0.00	46.14 2.29 0.00	41.10 1.79 0.00	39.45 1.61 0.00	32.19 1.33 0.00	32.94 1.16 0.00	31.61 0.89 0.00	37.89 0.57 0.00	42.19 0.67 0.00	44.33 0.63 0.00	40.55 0.96 0.00	45.63 1.33 0.00	49.06 1.32 0.00	47.07 1.19 0.00	39.87 0.94 0.00	34.47 0.81 0.00	29.45 1.22 0.00
INDECK___ILION 23567	38.22 -0.04 0.00	32.09 -0.02 0.00	30.00 -0.03 0.00	25.36 -0.03 0.00	24.93 0.00 0.00	29.90 0.04 0.00	37.12 0.12 0.00	50.91 -0.09 0.00	43.28 -0.57 0.00	38.58 -0.73 0.00	37.14 -0.71 0.00	30.29 -0.57 0.00	31.38 -0.39 0.00	30.41 -0.32 0.00	36.96 -0.37 0.00	41.15 -0.36 0.00	43.47 -0.23 0.00	39.62 0.04 0.00	44.59 0.29 0.00	48.08 0.34 0.00	46.19 0.32 0.00	39.19 0.27 0.00	33.81 0.14 0.00	28.24 0.00 0.00
INDECK___OLEAN 23982	37.17 -1.09 0.00	31.32 -0.79 0.00	29.46 -0.57 0.00	24.85 -0.54 0.00	24.34 -0.59 0.00	29.19 -0.67 0.00	35.90 -1.10 0.00	49.52 -1.49 0.00	42.76 -1.09 0.00	38.38 -0.93 0.00	36.97 -0.88 0.00	30.31 -0.55 0.00	31.35 -0.42 0.00	30.30 -0.42 0.00	37.00 -0.32 0.00	40.90 -0.61 0.00	42.74 -0.95 0.00	37.82 -1.77 0.00	42.45 -1.86 0.00	45.64 -2.09 0.00	43.79 -2.09 0.00	37.04 -1.89 0.00	32.30 -1.37 0.00	26.94 -1.29 0.00
INDECK___OSWEGO 23783	37.30 -0.96 0.00	31.32 -0.80 0.00	29.27 -0.75 0.00	24.75 -0.64 0.00	24.30 -0.63 0.00	29.11 -0.75 0.00	36.01 -0.98 0.00	49.60 -1.41 0.00	42.62 -1.23 0.00	38.22 -1.09 0.00	36.77 -1.08 0.00	29.96 -0.90 0.00	30.83 -0.94 0.00	29.84 -0.88 0.00	36.23 -1.10 0.00	40.17 -1.35 0.00	42.21 -1.49 0.00	38.18 -1.40 0.00	42.74 -1.57 0.00	46.09 -1.64 0.00	44.32 -1.55 0.00	37.59 -1.34 0.00	32.53 -1.14 0.00	27.39 -0.84 0.00
INDECK___YERKES 23781	36.08 -2.18 0.00	30.39 -1.72 0.00	28.57 -1.45 0.00	24.15 -1.24 0.00	23.49 -1.43 0.00	28.03 -1.83 0.00	34.25 -2.75 0.00	46.97 -4.04 0.00	40.86 -2.99 0.00	36.95 -2.36 0.00	35.58 -2.27 0.00	29.06 -1.80 0.00	29.93 -1.85 0.00	28.84 -1.88 0.00	35.15 -2.17 0.00	38.84 -2.67 0.00	40.88 -2.81 0.00	36.37 -3.22 0.00	40.59 -3.72 0.00	43.69 -4.05 0.00	41.97 -3.90 0.00	35.79 -3.14 0.00	31.26 -2.41 0.00	26.18 -2.05 0.00
INDIAN POINT_GT_1 24139	39.80 1.54 0.00	33.41 1.29 0.00	31.18 1.16 0.00	26.36 0.97 0.00	25.89 0.97 0.00	31.04 1.18 0.00	38.70 1.70 0.00	53.38 2.37 0.00	45.76 1.91 0.00	40.98 1.67 0.00	39.50 1.66 0.00	32.29 1.43 0.00	33.39 1.61 0.00	32.36 1.64 0.00	39.40 2.08 0.00	43.97 2.45 0.00	46.27 2.58 0.00	41.93 2.34 0.00	46.87 2.57 0.00	50.43 2.69 0.00	48.39 2.52 0.00	41.08 2.15 0.00	35.49 1.82 0.00	29.55 1.32 0.00
INDIAN POINT_GT_2 23659	39.80 1.54 0.00	33.41 1.29 0.00	31.18 1.16 0.00	26.36 0.97 0.00	25.89 0.97 0.00	31.04 1.18 0.00	38.70 1.70 0.00	53.38 2.37 0.00	45.76 1.91 0.00	40.98 1.67 0.00	39.50 1.66 0.00	32.29 1.43 0.00	33.39 1.61 0.00	32.36 1.64 0.00	39.40 2.08 0.00	43.97 2.45 0.00	46.27 2.58 0.00	41.93 2.34 0.00	46.87 2.57 0.00	50.43 2.69 0.00	48.39 2.52 0.00	41.08 2.15 0.00	35.49 1.82 0.00	29.55 1.32 0.00
INDIAN POINT_GT_3 24019	39.80 1.54 0.00	33.41 1.29 0.00	31.18 1.16 0.00	26.36 0.97 0.00	25.89 0.97 0.00	31.04 1.18 0.00	38.70 1.70 0.00	53.38 2.37 0.00	45.76 1.91 0.00	40.98 1.67 0.00	39.50 1.66 0.00	32.29 1.43 0.00	33.39 1.61 0.00	32.36 1.64 0.00	39.40 2.08 0.00	43.97 2.45 0.00	46.27 2.58 0.00	41.93 2.34 0.00	46.87 2.57 0.00	50.43 2.69 0.00	48.39 2.52 0.00	41.08 2.15 0.00	35.49 1.82 0.00	29.55 1.32 0.00
INDIAN POINT___2 23530	39.68 1.42 0.00	33.31 1.19 0.00	31.08 1.06 0.00	26.28 0.89 0.00	25.81 0.89 0.00	30.95 1.09 0.00	38.58 1.59 0.00	53.22 2.21 0.00	45.60 1.75 0.00	40.81 1.51 0.00	39.35 1.50 0.00	32.17 1.31 0.00	33.28 1.51 0.00	32.27 1.55 0.00	39.28 1.96 0.00	43.83 2.32 0.00	46.14 2.44 0.00	41.77 2.18 0.00	46.71 2.41 0.00	50.26 2.53 0.00	48.21 2.34 0.00	40.93 2.01 0.00	35.35 1.69 0.00	29.45 1.22 0.00
INDIAN POINT___3 23531	39.85 1.59 0.00	33.45 1.33 0.00	31.21 1.19 0.00	26.40 1.01 0.00	25.93 1.00 0.00	31.08 1.22 0.00	38.74 1.74 0.00	53.43 2.42 0.00	45.81 1.96 0.00	41.04 1.73 0.00	39.57 1.72 0.00	32.33 1.47 0.00	33.45 1.67 0.00	32.42 1.70 0.00	39.46 2.13 0.00	44.03 2.51 0.00	46.32 2.63 0.00	41.99 2.40 0.00	46.93 2.62 0.00	50.49 2.75 0.00	48.44 2.56 0.00	41.13 2.20 0.00	35.54 1.87 0.00	29.59 1.36 0.00
INGHAM_C_115KV_TB7 356103	37.92 -0.34 0.00	31.86 -0.26 0.00	29.78 -0.24 0.00	25.16 -0.23 0.00	24.75 -0.18 0.00	29.72 -0.14 0.00	37.00 0.00 0.00	50.41 -0.60 0.00	42.23 -1.62 0.00	37.36 -1.95 0.00	35.98 -1.87 0.00	29.34 -1.52 0.00	30.58 -1.19 0.00	29.73 -0.99 0.00	36.18 -1.15 0.00	40.36 -1.16 0.00	42.86 -0.84 0.00	39.41 -0.18 0.00	44.60 0.30 0.00	48.11 0.38 0.00	46.21 0.33 0.00	39.23 0.31 0.00	33.78 0.11 0.00	28.11 -0.12 0.00
IP CORINTH___1 23988	40.07 1.81 0.00	33.63 1.52 0.00	31.43 1.41 0.00	26.60 1.22 0.00	26.21 1.28 0.00	31.44 1.58 0.00	39.20 2.21 0.00	53.90 2.90 0.00	46.14 2.29 0.00	41.10 1.79 0.00	39.45 1.60 0.00	32.19 1.33 0.00	32.97 1.19 0.00	31.69 0.97 0.00	38.05 0.72 0.00	42.40 0.89 0.00	44.57 0.87 0.00	40.77 1.19 0.00	45.87 1.57 0.00	49.32 1.58 0.00	47.32 1.45 0.00	40.09 1.16 0.00	34.64 0.97 0.00	29.48 1.25 0.00

IP___TICONDEROGA 23804	41.44 3.18 0.00	34.83 2.71 0.00	32.57 2.55 0.00	27.62 2.23 0.00	27.37 2.44 0.00	32.81 2.95 0.00	41.25 4.25 0.00	56.45 5.45 0.00	48.21 4.36 0.00	42.87 3.56 0.00	40.85 3.00 0.00	33.01 2.15 0.00	33.87 2.10 0.00	32.68 1.96 0.00	39.11 1.79 0.00	43.86 2.34 0.00	46.16 2.46 0.00	42.72 3.13 0.00	48.23 3.93 0.00	51.31 3.58 0.00	49.10 3.23 0.00	41.56 2.64 0.00	35.94 2.27 0.00	30.49 2.26 0.00
ISLIP_RES_REC 323679	40.24 1.98 0.00	33.75 1.64 0.00	31.43 1.41 0.00	26.63 1.24 0.00	26.19 1.26 0.00	31.40 1.54 0.00	39.65 2.65 0.00	54.36 3.35 0.00	46.23 1.96 -0.42	32.75 1.65 8.21	-62.93 1.89 102.67	30.97 1.60 1.50	9.98 1.78 23.58	-2.67 1.74 35.13	27.16 2.05 12.22	36.23 2.26 7.54	44.57 2.13 1.26	43.28 2.07 -1.64	64.68 2.46 -17.91	66.51 2.66 -16.12	65.58 2.64 -17.07	61.37 2.47 -19.97	36.35 3.16 0.48	29.68 1.72 0.27
JAMAICA__27_KV_LOAD 355505	40.51 2.25 0.00	34.00 1.88 0.00	31.71 1.69 0.00	26.85 1.46 0.00	26.39 1.46 0.00	31.53 1.67 0.00	39.38 2.38 0.00	54.33 3.32 0.00	46.47 2.62 0.00	41.52 2.21 0.00	39.94 2.09 0.00	32.66 1.80 0.00	33.82 2.05 0.00	32.83 2.11 0.00	39.99 2.66 0.00	44.64 3.12 0.00	46.87 3.17 0.00	56.62 2.84 -14.19	52.16 3.04 -4.82	51.05 3.31 0.00	60.01 3.03 -11.10	41.61 2.68 0.00	36.08 2.41 0.00	30.06 1.82 0.00
JANIS___SOLAR 323808	39.46 1.20 0.00	33.12 1.01 0.00	31.00 0.98 0.00	26.11 0.73 0.00	25.64 0.71 0.00	30.84 0.98 0.00	38.21 1.21 0.00	52.46 1.45 0.00	44.94 1.10 0.00	40.06 0.75 0.00	38.36 0.51 0.00	31.04 0.18 0.00	31.89 0.11 0.00	30.83 0.11 0.00	37.78 0.45 0.00	42.11 0.59 0.00	44.42 0.72 0.00	40.15 0.56 0.00	45.73 1.43 0.00	49.28 1.54 0.00	47.32 1.44 0.00	39.99 1.07 0.00	34.32 0.65 0.00	28.48 0.25 0.00
JARVIS____ 23743	38.33 0.07 0.00	32.18 0.06 0.00	30.06 0.03 0.00	25.44 0.05 0.00	24.98 0.05 0.00	29.92 0.06 0.00	37.08 0.09 0.00	51.08 0.08 0.00	43.87 0.02 0.00	39.28 -0.03 0.00	37.81 -0.03 0.00	30.85 -0.01 0.00	31.77 0.00 0.00	30.74 0.02 0.00	37.33 0.01 0.00	41.54 0.02 0.00	43.75 0.05 0.00	39.66 0.07 0.00	44.44 0.14 0.00	47.88 0.15 0.00	46.02 0.15 0.00	39.04 0.12 0.00	33.73 0.07 0.00	28.25 0.02 0.00
JENNISON___1 23625	39.48 1.22 0.00	33.27 1.15 0.00	31.09 1.07 0.00	26.08 0.69 0.00	25.58 0.65 0.00	30.85 0.99 0.00	38.20 1.20 0.00	52.71 1.71 0.00	45.39 1.55 0.00	40.68 1.37 0.00	39.07 1.22 0.00	31.75 0.89 0.00	32.56 0.79 0.00	31.44 0.72 0.00	38.19 0.87 0.00	42.34 0.83 0.00	44.87 1.17 0.00	40.93 1.34 0.00	46.29 1.99 0.00	49.19 1.46 0.00	47.04 1.17 0.00	39.93 1.00 0.00	34.27 0.60 0.00	28.26 0.02 0.00
JENNISON___2 23626	39.48 1.22 0.00	33.27 1.15 0.00	31.09 1.07 0.00	26.08 0.69 0.00	25.58 0.65 0.00	30.85 0.99 0.00	38.20 1.20 0.00	52.71 1.71 0.00	45.39 1.55 0.00	40.68 1.37 0.00	39.07 1.22 0.00	31.75 0.89 0.00	32.56 0.79 0.00	31.44 0.72 0.00	38.19 0.87 0.00	42.34 0.83 0.00	44.87 1.17 0.00	40.93 1.34 0.00	46.29 1.99 0.00	49.19 1.46 0.00	47.04 1.17 0.00	39.93 1.00 0.00	34.27 0.60 0.00	28.26 0.02 0.00
JERICHO_RISE_WT_PWR 323719	38.14 -0.12 0.00	31.98 -0.14 0.00	29.92 -0.10 0.00	25.26 -0.13 0.00	24.85 -0.07 0.00	29.85 -0.01 0.00	37.01 0.02 0.00	51.35 0.34 0.00	44.22 0.37 0.00	39.98 0.67 0.00	38.48 0.63 0.00	31.26 0.40 0.00	32.02 0.25 0.00	31.07 0.35 0.00	37.25 -0.08 0.00	41.49 -0.03 0.00	43.78 0.08 0.00	39.84 0.25 0.00	44.08 -0.22 0.00	47.58 -0.15 0.00	45.89 0.01 0.00	38.53 -0.39 0.00	33.34 -0.33 0.00	28.02 -0.21 0.00
KATONAH___115KV_46KV_TB4 355592	40.08 1.82 0.00	33.63 1.51 0.00	31.39 1.37 0.00	26.56 1.17 0.00	26.08 1.16 0.00	31.25 1.39 0.00	38.96 1.96 0.00	53.75 2.74 0.00	46.11 2.26 0.00	41.32 2.02 0.00	39.84 1.99 0.00	32.55 1.69 0.00	33.64 1.87 0.00	32.61 1.88 0.00	39.70 2.37 0.00	44.30 2.78 0.00	46.62 2.92 0.00	42.28 2.69 0.00	47.26 2.96 0.00	50.86 3.12 0.00	48.78 2.90 0.00	41.41 2.48 0.00	35.78 2.11 0.00	29.77 1.53 0.00
KCE_NY_1 323755	39.91 1.65 0.00	33.47 1.35 0.00	31.29 1.27 0.00	26.47 1.08 0.00	26.02 1.10 0.00	31.34 1.48 0.00	38.87 1.88 0.00	53.41 2.40 0.00	45.79 1.95 0.00	40.80 1.49 0.00	39.25 1.40 0.00	32.04 1.18 0.00	32.95 1.17 0.00	31.83 1.11 0.00	38.62 1.29 0.00	43.05 1.53 0.00	45.31 1.61 0.00	41.30 1.71 0.00	46.46 2.15 0.00	50.02 2.28 0.00	48.09 2.21 0.00	40.63 1.71 0.00	35.11 1.44 0.00	29.51 1.28 0.00
KCE_NY_6_ESR 323823	36.35 -1.91 0.00	30.61 -1.51 0.00	28.81 -1.21 0.00	24.32 -1.06 0.00	23.68 -1.24 0.00	28.29 -1.57 0.00	34.58 -2.42 0.00	47.50 -3.50 0.00	41.31 -2.54 0.00	37.29 -2.02 0.00	35.90 -1.95 0.00	29.29 -1.57 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.59 -1.74 0.00	39.30 -2.21 0.00	41.29 -2.41 0.00	36.74 -2.85 0.00	41.05 -3.25 0.00	44.14 -3.59 0.00	42.36 -3.51 0.00	36.05 -2.87 0.00	31.47 -2.20 0.00	26.34 -1.89 0.00
KEDC_PORT_JEFF_GT2 24210	40.15 1.89 0.00	33.71 1.59 0.00	31.38 1.35 0.00	26.58 1.19 0.00	26.14 1.22 0.00	31.34 1.48 0.00	39.55 2.55 0.00	54.22 3.21 0.00	45.85 1.87 -0.14	21.81 1.55 19.06	-89.96 1.74 129.54	28.80 1.48 3.54	3.42 1.66 30.01	-13.93 1.64 46.29	22.57 1.93 16.68	31.54 2.14 12.12	41.40 1.96 4.25	41.96 1.83 -0.54	64.17 2.30 -17.57	65.98 2.36 -15.88	64.58 2.36 -16.35	60.82 2.24 -19.66	36.19 3.04 0.52	29.57 1.64 0.30
KEDC_PORT_JEFF_GT3 24211	40.15 1.89 0.00	33.71 1.59 0.00	31.38 1.35 0.00	26.58 1.19 0.00	26.14 1.22 0.00	31.34 1.48 0.00	39.55 2.55 0.00	54.22 3.21 0.00	45.85 1.87 -0.14	21.81 1.55 19.06	-89.96 1.74 129.54	28.80 1.48 3.54	3.42 1.66 30.01	-13.93 1.64 46.29	22.57 1.93 16.68	31.54 2.14 12.12	41.40 1.96 4.25	41.96 1.83 -0.54	64.17 2.30 -17.57	65.98 2.36 -15.88	64.58 2.36 -16.35	60.82 2.24 -19.66	36.19 3.04 0.52	29.57 1.64 0.30
KEDC_GLWD_GT4 24219	40.19 1.94 0.00	33.70 1.59 0.00	31.43 1.40 0.00	26.59 1.21 0.00	26.13 1.20 0.00	31.31 1.45 0.00	39.18 2.18 0.00	53.92 2.91 0.00	46.19 2.34 0.00	41.41 2.10 0.00	43.11 2.19 -3.07	41.11 1.87 -8.38	37.86 2.09 -4.00	47.25 2.07 -14.46	48.78 2.56 -8.89	59.63 2.92 -15.19	46.74 2.87 -0.18	75.61 2.68 -33.35	91.06 2.90 -43.85	84.85 3.07 -34.05	116.30 2.88 -67.55	84.13 2.54 -42.67	37.34 2.51 -1.17	30.58 1.68 -0.66
KEDC_GLWD_GT5 24220	40.19 1.94 0.00	33.70 1.59 0.00	31.43 1.40 0.00	26.59 1.21 0.00	26.13 1.20 0.00	31.31 1.45 0.00	39.18 2.18 0.00	53.92 2.91 0.00	46.19 2.34 0.00	41.41 2.10 0.00	43.11 2.19 -3.07	41.11 1.87 -8.38	37.86 2.09 -4.00	47.25 2.07 -14.46	48.78 2.56 -8.89	59.63 2.92 -15.19	46.74 2.87 -0.18	75.61 2.68 -33.35	91.06 2.90 -43.85	84.85 3.07 -34.05	116.30 2.88 -67.55	84.13 2.54 -42.67	37.34 2.51 -1.17	30.58 1.68 -0.66

KENSICO____ 23655	40.04 1.78 0.00	33.61 1.50 0.00	31.37 1.35 0.00	26.54 1.15 0.00	26.06 1.14 0.00	31.23 1.37 0.00	38.94 1.94 0.00	53.71 2.70 0.00	46.08 2.23 0.00	41.30 1.99 0.00	39.82 1.97 0.00	32.55 1.69 0.00	33.65 1.88 0.00	32.61 1.89 0.00	39.69 2.37 0.00	44.29 2.78 0.00	46.59 2.89 0.00	42.24 2.66 0.00	47.19 2.88 0.00	50.77 3.03 0.00	48.70 2.82 0.00	41.34 2.42 0.00	35.75 2.08 0.00	29.75 1.52 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	40.17 1.91 0.00	33.69 1.57 0.00	31.46 1.43 0.00	26.61 1.22 0.00	26.13 1.20 0.00	31.32 1.46 0.00	39.03 2.03 0.00	53.83 2.82 0.00	46.12 2.27 0.00	41.25 1.94 0.00	39.67 1.82 0.00	32.34 1.48 0.00	33.44 1.67 0.00	32.37 1.66 0.00	39.36 2.04 0.00	44.09 2.57 0.00	46.45 2.75 0.00	42.11 2.52 0.00	47.19 2.89 0.00	50.87 3.13 0.00	48.84 2.97 0.00	41.42 2.49 0.00	35.74 2.07 0.00	29.74 1.51 0.00
KIAC_JFK_GT1 23816	40.29 2.03 0.00	33.82 1.71 0.00	31.56 1.54 0.00	26.71 1.33 0.00	26.22 1.29 0.00	31.28 1.42 0.00	39.08 2.08 0.00	53.88 2.87 0.00	46.07 2.22 0.00	41.29 1.98 0.00	39.73 1.88 0.00	32.50 1.64 0.00	33.66 1.88 0.00	32.67 1.95 0.00	39.79 2.47 0.00	44.37 2.85 0.00	46.47 2.77 0.00	56.26 2.48 -14.19	51.73 2.61 -4.82	50.60 2.86 0.00	59.55 2.57 -11.10	41.23 2.30 0.00	35.86 2.20 0.00	29.90 1.67 0.00
KIAC_JFK_GT2 23817	40.29 2.03 0.00	33.82 1.71 0.00	31.56 1.54 0.00	26.71 1.33 0.00	26.22 1.29 0.00	31.28 1.42 0.00	39.08 2.08 0.00	53.88 2.87 0.00	46.07 2.22 0.00	41.29 1.98 0.00	39.73 1.88 0.00	32.50 1.64 0.00	33.66 1.88 0.00	32.67 1.95 0.00	39.79 2.47 0.00	44.37 2.85 0.00	46.47 2.77 0.00	56.26 2.48 -14.19	51.73 2.61 -4.82	50.60 2.86 0.00	59.55 2.57 -11.10	41.23 2.30 0.00	35.86 2.20 0.00	29.90 1.67 0.00
KIAC_JFK____ 323774	40.29 2.03 0.00	33.82 1.70 0.00	31.56 1.54 0.00	26.71 1.32 0.00	26.22 1.30 0.00	31.28 1.42 0.00	39.08 2.08 0.00	53.87 2.86 0.00	46.06 2.21 0.00	41.29 1.98 0.00	39.73 1.89 0.00	32.50 1.65 0.00	33.66 1.89 0.00	32.67 1.95 0.00	39.79 2.47 0.00	44.37 2.85 0.00	46.46 2.77 0.00	56.31 2.53 -14.19	51.80 2.67 -4.82	50.60 2.86 0.00	59.63 2.65 -11.10	41.23 2.31 0.00	35.86 2.20 0.00	29.90 1.67 0.00
KINTIGH____ 23543	36.16 -2.10 0.00	30.45 -1.66 0.00	28.62 -1.40 0.00	24.19 -1.20 0.00	23.58 -1.35 0.00	28.15 -1.71 0.00	34.46 -2.54 0.00	47.29 -3.72 0.00	41.10 -2.74 0.00	37.11 -2.20 0.00	35.73 -2.12 0.00	29.18 -1.68 0.00	30.08 -1.69 0.00	28.99 -1.73 0.00	35.30 -2.03 0.00	39.04 -2.48 0.00	41.08 -2.62 0.00	36.66 -2.93 0.00	40.92 -3.38 0.00	44.10 -3.64 0.00	42.36 -3.51 0.00	36.07 -2.86 0.00	31.45 -2.22 0.00	26.38 -1.85 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	38.47 0.22 0.00	32.26 0.15 0.00	30.19 0.17 0.00	25.51 0.12 0.00	25.07 0.14 0.00	30.14 0.28 0.00	37.52 0.52 0.00	52.02 1.01 0.00	44.70 0.86 0.00	40.64 1.33 0.00	39.14 1.29 0.00	31.65 0.79 0.00	32.33 0.55 0.00	31.54 0.82 0.00	37.62 0.29 0.00	41.97 0.45 0.00	44.29 0.59 0.00	40.36 0.77 0.00	44.70 0.39 0.00	48.21 0.48 0.00	46.46 0.59 0.00	39.03 0.10 0.00	33.73 0.06 0.00	28.35 0.12 0.00
LACHUTE__HYDRO 323717	41.44 3.18 0.00	34.83 2.71 0.00	32.57 2.55 0.00	27.62 2.23 0.00	27.37 2.44 0.00	32.81 2.95 0.00	41.25 4.25 0.00	56.45 5.44 0.00	48.21 4.36 0.00	42.88 3.56 0.00	40.85 3.00 0.00	33.01 2.15 0.00	33.87 2.10 0.00	32.68 1.96 0.00	39.12 1.79 0.00	43.85 2.33 0.00	46.16 2.46 0.00	42.72 3.13 0.00	48.23 3.93 0.00	51.31 3.57 0.00	49.10 3.23 0.00	41.56 2.64 0.00	35.94 2.27 0.00	30.49 2.26 0.00
LAWRNCV_115KV_TB1 80681	37.91 -0.36 0.00	31.75 -0.37 0.00	29.69 -0.33 0.00	25.11 -0.28 0.00	24.73 -0.19 0.00	29.68 -0.18 0.00	36.57 -0.43 0.00	50.70 -0.31 0.00	43.64 -0.21 0.00	39.18 -0.13 0.00	37.59 -0.26 0.00	30.51 -0.34 0.00	31.38 -0.40 0.00	30.35 -0.37 0.00	37.05 -0.27 0.00	41.45 -0.06 0.00	43.69 -0.01 0.00	39.41 -0.18 0.00	43.70 -0.60 0.00	47.22 -0.51 0.00	45.56 -0.31 0.00	38.58 -0.34 0.00	33.37 -0.29 0.00	27.97 -0.26 0.00
LEDERLE____ 23769	39.95 1.69 0.00	33.53 1.41 0.00	31.27 1.25 0.00	26.44 1.05 0.00	25.97 1.05 0.00	31.24 1.39 0.00	39.00 2.01 0.00	53.82 2.81 0.00	46.14 2.29 0.00	41.32 2.01 0.00	39.84 2.00 0.00	32.57 1.71 0.00	33.71 1.94 0.00	32.68 1.96 0.00	39.66 2.34 0.00	44.27 2.75 0.00	46.59 2.89 0.00	42.17 2.59 0.00	47.14 2.84 0.00	50.72 2.98 0.00	48.67 2.80 0.00	41.29 2.37 0.00	35.65 1.98 0.00	29.68 1.44 0.00
LIGHTRSE_115KV_TB6 355974	37.68 -0.58 0.00	31.57 -0.54 0.00	29.49 -0.54 0.00	24.95 -0.44 0.00	24.56 -0.36 0.00	29.48 -0.38 0.00	36.50 -0.49 0.00	50.32 -0.69 0.00	43.11 -0.73 0.00	38.69 -0.62 0.00	37.12 -0.73 0.00	30.15 -0.70 0.00	31.08 -0.69 0.00	30.19 -0.53 0.00	36.65 -0.68 0.00	40.80 -0.72 0.00	42.78 -0.92 0.00	38.61 -0.98 0.00	43.13 -1.18 0.00	46.72 -1.01 0.00	45.06 -0.82 0.00	38.15 -0.78 0.00	32.90 -0.77 0.00	27.57 -0.67 0.00
LINDEN COGEN____ 23786	40.17 1.91 0.00	33.72 1.61 0.00	31.45 1.43 0.00	26.61 1.22 0.00	26.13 1.20 0.00	31.31 1.45 0.00	39.06 2.06 0.00	53.87 2.86 0.00	46.22 2.38 0.00	41.44 2.13 0.00	39.97 2.12 0.00	32.68 1.82 0.00	33.84 2.06 0.00	32.81 2.09 0.00	39.92 2.59 0.00	44.53 3.01 0.00	46.82 3.13 0.00	42.44 2.85 0.00	47.35 3.05 0.00	50.91 3.18 0.00	48.80 2.93 0.00	41.46 2.54 0.00	35.85 2.18 0.00	29.84 1.61 0.00
LINDHRST_69_KV_BK1 356055	40.36 2.10 0.00	33.81 1.70 0.00	31.48 1.45 0.00	26.64 1.26 0.00	26.19 1.26 0.00	31.40 1.54 0.00	39.50 2.51 0.00	54.17 3.17 0.00	46.12 2.27 0.00	40.23 1.95 1.03	35.68 2.16 4.33	37.24 1.83 -4.55	34.30 1.99 -0.54	39.19 1.95 -6.52	44.28 2.35 -4.60	49.79 2.66 -5.62	46.05 2.52 0.17	49.52 2.48 -7.45	69.78 2.72 -22.75	70.34 2.91 -19.69	76.54 2.88 -27.80	66.41 2.66 -24.82	36.91 3.06 -0.18	30.15 1.81 -0.10
LIPA_MISC_IPP 23656	39.78 1.52 0.00	33.45 1.33 0.00	31.14 1.12 0.00	26.40 1.01 0.00	25.98 1.05 0.00	31.11 1.25 0.00	39.35 2.35 0.00	53.94 2.93 0.00	43.90 1.31 1.25	-8.03 1.03 48.36	-81.05 1.36 120.26	26.83 1.15 5.18	5.24 1.31 27.85	-10.49 1.31 42.52	23.65 1.52 15.19	26.59 1.65 16.58	31.89 1.45 13.26	38.40 1.53 2.71	63.45 1.81 -17.34	65.39 1.94 -15.71	63.75 2.01 -15.87	60.28 1.91 -19.44	36.07 2.95 0.54	29.30 1.38 0.31
LISF__SOLAR 323691	39.82 1.56 0.00	33.49 1.37 0.00	31.17 1.15 0.00	26.43 1.04 0.00	26.00 1.08 0.00	31.15 1.29 0.00	39.40 2.41 0.00	54.02 3.01 0.00	43.29 1.32 1.88	-21.91 1.04 62.26	-80.35 1.37 119.56	25.92 1.15 6.09	5.42 1.32 27.67	-10.18 1.32 42.22	23.77 1.51 15.07	24.27 1.65 18.89	27.69 1.48 17.49	37.15 1.51 3.94	63.54 1.85 -17.39	65.48 1.99 -15.75	63.91 2.05 -15.99	60.40 1.98 -19.50	36.09 2.96 0.54	29.32 1.39 0.31

LITTLE FALLS___HYD 24013	37.92 -0.34 0.00	31.86 -0.26 0.00	29.78 -0.24 0.00	25.16 -0.23 0.00	24.75 -0.18 0.00	29.72 -0.14 0.00	37.00 0.00 0.00	50.41 -0.60 0.00	42.23 -1.62 0.00	37.36 -1.95 0.00	35.98 -1.87 0.00	29.34 -1.52 0.00	30.58 -1.19 0.00	29.73 -0.99 0.00	36.18 -1.15 0.00	40.36 -1.16 0.00	42.86 -0.84 0.00	39.41 -0.18 0.00	44.60 0.30 0.00	48.11 0.38 0.00	46.21 0.33 0.00	39.23 0.31 0.00	33.78 0.11 0.00	28.11 -0.12 0.00
LITTLRIV_115KV_TB1 356100	38.40 0.14 0.00	32.15 0.03 0.00	30.07 0.05 0.00	25.42 0.04 0.00	25.06 0.14 0.00	30.09 0.23 0.00	37.11 0.11 0.00	51.40 0.39 0.00	44.14 0.29 0.00	39.44 0.13 0.00	37.77 -0.07 0.00	30.62 -0.23 0.00	31.50 -0.27 0.00	30.44 -0.28 0.00	37.24 -0.09 0.00	41.86 0.35 0.00	44.28 0.58 0.00	39.97 0.39 0.00	44.27 -0.03 0.00	47.93 0.19 0.00	46.28 0.40 0.00	39.18 0.25 0.00	33.89 0.22 0.00	28.38 0.15 0.00
LI_NEWBRDGE___DRP 323616	39.81 1.55 0.00	33.38 1.26 0.00	31.11 1.09 0.00	26.33 0.94 0.00	25.87 0.95 0.00	31.01 1.15 0.00	38.94 1.94 0.00	53.45 2.44 0.00	45.63 1.79 0.00	40.91 1.60 0.00	40.63 1.71 -1.08	35.37 1.46 -3.05	33.92 1.66 -0.48	39.22 1.64 -6.86	43.65 1.97 -4.35	44.47 2.26 -0.69	45.91 2.21 -0.01	35.66 2.15 6.07	60.21 2.34 -13.57	63.46 2.47 -13.25	55.39 2.39 -7.13	57.37 2.17 -16.27	35.21 2.49 0.94	29.14 1.44 0.53
LOCKPORT_115KV_TB60_63_64 80432	35.71 -2.55 0.00	30.09 -2.03 0.00	28.30 -1.72 0.00	23.92 -1.47 0.00	23.28 -1.64 0.00	27.78 -2.08 0.00	33.92 -3.07 0.00	46.49 -4.52 0.00	40.43 -3.41 0.00	36.60 -2.71 0.00	35.21 -2.63 0.00	28.76 -2.10 0.00	29.62 -2.15 0.00	28.51 -2.21 0.00	34.73 -2.60 0.00	38.37 -3.15 0.00	40.41 -3.28 0.00	35.96 -3.63 0.00	40.12 -4.18 0.00	43.23 -4.50 0.00	41.52 -4.36 0.00	35.43 -3.50 0.00	30.99 -2.69 0.00	25.95 -2.28 0.00
LOCKPORT___CC1 323769	35.74 -2.52 0.00	30.10 -2.01 0.00	28.32 -1.71 0.00	23.94 -1.45 0.00	23.30 -1.63 0.00	27.80 -2.06 0.00	33.94 -3.06 0.00	46.50 -4.51 0.00	40.46 -3.39 0.00	36.60 -2.71 0.00	35.21 -2.64 0.00	28.75 -2.11 0.00	29.60 -2.18 0.00	28.52 -2.20 0.00	34.75 -2.58 0.00	38.40 -3.12 0.00	40.42 -3.27 0.00	35.98 -3.61 0.00	40.12 -4.18 0.00	43.24 -4.50 0.00	41.53 -4.35 0.00	35.44 -3.49 0.00	30.98 -2.69 0.00	25.95 -2.29 0.00
LOCKPORT___CC2 323770	35.74 -2.52 0.00	30.10 -2.01 0.00	28.32 -1.71 0.00	23.94 -1.45 0.00	23.30 -1.63 0.00	27.80 -2.06 0.00	33.94 -3.06 0.00	46.50 -4.51 0.00	40.46 -3.39 0.00	36.60 -2.71 0.00	35.21 -2.64 0.00	28.75 -2.11 0.00	29.60 -2.18 0.00	28.52 -2.20 0.00	34.75 -2.58 0.00	38.40 -3.12 0.00	40.42 -3.27 0.00	35.98 -3.61 0.00	40.12 -4.18 0.00	43.24 -4.50 0.00	41.53 -4.35 0.00	35.44 -3.49 0.00	30.98 -2.69 0.00	25.95 -2.29 0.00
LOCKPORT___CC3 323771	35.74 -2.52 0.00	30.10 -2.01 0.00	28.32 -1.71 0.00	23.94 -1.45 0.00	23.30 -1.63 0.00	27.80 -2.06 0.00	33.94 -3.06 0.00	46.50 -4.51 0.00	40.46 -3.39 0.00	36.60 -2.71 0.00	35.21 -2.64 0.00	28.75 -2.11 0.00	29.60 -2.18 0.00	28.52 -2.20 0.00	34.75 -2.58 0.00	38.40 -3.12 0.00	40.42 -3.27 0.00	35.98 -3.61 0.00	40.12 -4.18 0.00	43.24 -4.50 0.00	41.53 -4.35 0.00	35.44 -3.49 0.00	30.98 -2.69 0.00	25.95 -2.29 0.00
LONG_LAKE_PHOENIX 24014	37.46 -0.80 0.00	31.45 -0.66 0.00	29.41 -0.62 0.00	24.86 -0.53 0.00	24.40 -0.53 0.00	29.22 -0.64 0.00	36.14 -0.86 0.00	49.78 -1.22 0.00	42.80 -1.05 0.00	38.37 -0.95 0.00	36.92 -0.92 0.00	30.08 -0.78 0.00	30.95 -0.83 0.00	29.95 -0.77 0.00	36.41 -0.91 0.00	40.36 -1.16 0.00	42.43 -1.27 0.00	38.39 -1.19 0.00	42.97 -1.34 0.00	46.33 -1.40 0.00	44.52 -1.35 0.00	37.77 -1.16 0.00	32.69 -0.98 0.00	27.52 -0.71 0.00
LOVETT___3 23632	39.78 1.52 0.00	33.38 1.27 0.00	31.15 1.13 0.00	26.35 0.96 0.00	25.88 0.95 0.00	31.02 1.16 0.00	38.67 1.68 0.00	53.34 2.33 0.00	45.71 1.87 0.00	40.95 1.64 0.00	39.47 1.62 0.00	32.26 1.40 0.00	33.38 1.60 0.00	32.36 1.64 0.00	39.40 2.07 0.00	43.96 2.44 0.00	46.26 2.56 0.00	41.90 2.31 0.00	46.83 2.53 0.00	50.38 2.64 0.00	48.35 2.48 0.00	41.04 2.11 0.00	35.47 1.80 0.00	29.53 1.30 0.00
LOVETT___4 23642	39.78 1.52 0.00	33.38 1.27 0.00	31.15 1.13 0.00	26.35 0.96 0.00	25.88 0.95 0.00	31.02 1.16 0.00	38.67 1.68 0.00	53.34 2.33 0.00	45.71 1.87 0.00	40.95 1.64 0.00	39.47 1.62 0.00	32.26 1.40 0.00	33.38 1.60 0.00	32.36 1.64 0.00	39.40 2.07 0.00	43.96 2.44 0.00	46.26 2.56 0.00	41.90 2.31 0.00	46.83 2.53 0.00	50.38 2.64 0.00	48.35 2.48 0.00	41.04 2.11 0.00	35.47 1.80 0.00	29.53 1.30 0.00
LOVETT___5 23593	39.78 1.52 0.00	33.38 1.27 0.00	31.15 1.13 0.00	26.35 0.96 0.00	25.88 0.95 0.00	31.02 1.16 0.00	38.67 1.68 0.00	53.34 2.33 0.00	45.71 1.87 0.00	40.95 1.64 0.00	39.47 1.62 0.00	32.26 1.40 0.00	33.38 1.60 0.00	32.36 1.64 0.00	39.40 2.07 0.00	43.96 2.44 0.00	46.26 2.56 0.00	41.90 2.31 0.00	46.83 2.53 0.00	50.38 2.64 0.00	48.35 2.48 0.00	41.04 2.11 0.00	35.47 1.80 0.00	29.53 1.30 0.00
LOWER RAQUET___HYD 24057	37.75 -0.51 0.00	31.60 -0.51 0.00	29.56 -0.46 0.00	25.00 -0.39 0.00	24.64 -0.29 0.00	29.57 -0.29 0.00	36.39 -0.61 0.00	50.45 -0.56 0.00	43.42 -0.43 0.00	38.96 -0.35 0.00	37.36 -0.48 0.00	30.30 -0.55 0.00	31.18 -0.59 0.00	30.19 -0.53 0.00	36.88 -0.44 0.00	41.31 -0.21 0.00	43.53 -0.17 0.00	39.21 -0.38 0.00	43.47 -0.84 0.00	46.99 -0.75 0.00	45.35 -0.52 0.00	38.38 -0.54 0.00	33.19 -0.48 0.00	27.81 -0.43 0.00
LOWER___HUDSON 24059	39.32 1.06 0.00	33.01 0.90 0.00	30.86 0.84 0.00	26.10 0.72 0.00	25.67 0.75 0.00	30.75 0.89 0.00	38.14 1.15 0.00	52.49 1.48 0.00	45.02 1.18 0.00	40.24 0.93 0.00	38.76 0.91 0.00	31.61 0.76 0.00	32.56 0.79 0.00	31.54 0.82 0.00	38.29 0.96 0.00	42.73 1.21 0.00	45.02 1.33 0.00	40.99 1.41 0.00	46.07 1.76 0.00	49.65 1.91 0.00	47.64 1.77 0.00	40.43 1.51 0.00	34.85 1.18 0.00	29.16 0.93 0.00
LOWVILLE_115KV_TB2 356335	38.45 0.19 0.00	32.14 0.03 0.00	29.95 -0.07 0.00	25.38 0.00 0.00	25.13 0.20 0.00	30.25 0.39 0.00	37.54 0.54 0.00	51.75 0.74 0.00	44.27 0.42 0.00	39.63 0.32 0.00	37.78 -0.06 0.00	30.66 -0.20 0.00	31.76 -0.02 0.00	30.83 0.10 0.00	37.51 0.19 0.00	41.96 0.45 0.00	44.13 0.44 0.00	39.88 0.30 0.00	44.35 0.05 0.00	48.30 0.56 0.00	46.58 0.71 0.00	39.18 0.26 0.00	33.61 -0.06 0.00	27.87 -0.37 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	39.90 1.64 0.00	33.49 1.37 0.00	31.30 1.28 0.00	26.48 1.09 0.00	26.04 1.11 0.00	31.26 1.40 0.00	38.84 1.85 0.00	53.41 2.40 0.00	45.75 1.90 0.00	40.79 1.48 0.00	39.23 1.38 0.00	32.02 1.16 0.00	32.93 1.16 0.00	31.81 1.09 0.00	38.57 1.25 0.00	43.01 1.49 0.00	45.28 1.59 0.00	41.28 1.70 0.00	46.41 2.11 0.00	49.99 2.26 0.00	48.00 2.12 0.00	40.65 1.73 0.00	35.09 1.42 0.00	29.49 1.25 0.00

LUTHERNY_35_KV_BK2 355980	39.91 1.65 0.00	33.47 1.36 0.00	31.29 1.27 0.00	26.47 1.08 0.00	26.03 1.10 0.00	31.34 1.48 0.00	38.87 1.88 0.00	53.41 2.40 0.00	45.80 1.95 0.00	40.80 1.49 0.00	39.24 1.40 0.00	32.03 1.17 0.00	32.95 1.17 0.00	31.83 1.11 0.00	38.62 1.29 0.00	43.05 1.53 0.00	45.31 1.61 0.00	41.30 1.71 0.00	46.46 2.15 0.00	50.02 2.28 0.00	48.09 2.22 0.00	40.64 1.71 0.00	35.11 1.44 0.00	29.51 1.28 0.00
LWR___OSWEGATCHIE_HYD 23850	37.64 -0.62 0.00	31.48 -0.63 0.00	29.38 -0.64 0.00	24.88 -0.51 0.00	24.58 -0.35 0.00	29.55 -0.31 0.00	36.53 -0.47 0.00	50.50 -0.51 0.00	43.28 -0.57 0.00	38.81 -0.51 0.00	37.08 -0.77 0.00	30.05 -0.81 0.00	31.03 -0.74 0.00	30.13 -0.58 0.00	36.72 -0.60 0.00	41.15 -0.36 0.00	43.29 -0.41 0.00	39.04 -0.55 0.00	43.34 -0.97 0.00	47.05 -0.68 0.00	45.42 -0.46 0.00	38.32 -0.61 0.00	33.00 -0.67 0.00	27.51 -0.73 0.00
LYONS_FALL_HYD 23570	38.62 0.36 0.00	32.32 0.20 0.00	30.15 0.13 0.00	25.53 0.14 0.00	25.20 0.28 0.00	30.31 0.45 0.00	37.61 0.61 0.00	51.82 0.82 0.00	44.42 0.57 0.00	39.75 0.44 0.00	38.01 0.16 0.00	30.89 0.03 0.00	31.93 0.15 0.00	30.96 0.24 0.00	37.63 0.31 0.00	42.03 0.51 0.00	44.30 0.60 0.00	40.07 0.48 0.00	44.67 0.37 0.00	48.46 0.72 0.00	46.68 0.80 0.00	39.37 0.44 0.00	33.86 0.19 0.00	28.17 -0.07 0.00
MADISON___COUNTY_LFGE 323628	38.97 0.70 0.00	32.67 0.56 0.00	30.54 0.52 0.00	25.82 0.43 0.00	25.38 0.46 0.00	30.46 0.61 0.00	37.78 0.79 0.00	52.04 1.03 0.00	44.73 0.88 0.00	39.88 0.57 0.00	38.42 0.58 0.00	31.25 0.39 0.00	32.18 0.41 0.00	31.11 0.39 0.00	37.82 0.49 0.00	42.19 0.67 0.00	44.59 0.89 0.00	40.31 0.72 0.00	45.15 0.85 0.00	48.73 1.00 0.00	46.87 1.00 0.00	39.66 0.73 0.00	34.23 0.56 0.00	28.59 0.36 0.00
MALONE___115KV_TB1 356076	38.22 -0.04 0.00	32.03 -0.08 0.00	29.96 -0.06 0.00	25.30 -0.09 0.00	24.91 -0.01 0.00	29.92 0.06 0.00	37.07 0.08 0.00	51.47 0.47 0.00	44.35 0.50 0.00	40.02 0.71 0.00	38.41 0.57 0.00	31.14 0.28 0.00	31.94 0.17 0.00	31.27 0.54 0.00	37.33 0.00 0.00	41.57 0.05 0.00	43.95 0.25 0.00	39.96 0.38 0.00	44.23 -0.08 0.00	47.74 0.00 0.00	46.10 0.23 0.00	38.76 -0.17 0.00	33.52 -0.15 0.00	28.13 -0.10 0.00
MAPLEWOD_115KV_TB3 80458	39.27 1.01 0.00	33.01 0.90 0.00	30.85 0.82 0.00	26.10 0.71 0.00	25.65 0.73 0.00	30.71 0.85 0.00	38.09 1.09 0.00	52.40 1.40 0.00	44.94 1.09 0.00	40.20 0.89 0.00	38.75 0.90 0.00	31.65 0.79 0.00	32.61 0.84 0.00	31.62 0.90 0.00	38.38 1.05 0.00	42.83 1.32 0.00	45.12 1.43 0.00	41.03 1.44 0.00	46.11 1.80 0.00	49.67 1.93 0.00	47.68 1.80 0.00	40.47 1.54 0.00	34.91 1.24 0.00	29.17 0.94 0.00
MAPLE_RIDGE_WT_1 323574	38.10 -0.16 0.00	31.89 -0.22 0.00	29.77 -0.25 0.00	25.26 -0.12 0.00	24.84 -0.09 0.00	29.77 -0.09 0.00	36.87 -0.13 0.00	50.95 -0.06 0.00	43.84 -0.01 0.00	39.34 0.03 0.00	37.79 -0.06 0.00	30.82 -0.04 0.00	31.71 -0.06 0.00	30.59 -0.13 0.00	37.23 -0.09 0.00	41.45 -0.07 0.00	43.64 -0.05 0.00	39.30 -0.28 0.00	44.01 -0.29 0.00	47.57 -0.16 0.00	45.80 -0.07 0.00	38.77 -0.15 0.00	33.41 -0.26 0.00	27.84 -0.39 0.00
MAPLE_RIDGE_WT_2 323611	38.10 -0.16 0.00	31.89 -0.22 0.00	29.77 -0.25 0.00	25.26 -0.12 0.00	24.84 -0.09 0.00	29.77 -0.09 0.00	36.87 -0.13 0.00	50.95 -0.06 0.00	43.84 -0.01 0.00	39.34 0.03 0.00	37.79 -0.06 0.00	30.82 -0.04 0.00	31.71 -0.06 0.00	30.59 -0.13 0.00	37.23 -0.09 0.00	41.45 -0.07 0.00	43.64 -0.05 0.00	39.30 -0.28 0.00	44.01 -0.29 0.00	47.57 -0.16 0.00	45.80 -0.07 0.00	38.77 -0.15 0.00	33.41 -0.26 0.00	27.84 -0.39 0.00
MARBLE_RIVER_WT_PWR 323696	38.16 -0.10 0.00	31.99 -0.12 0.00	29.94 -0.09 0.00	25.27 -0.12 0.00	24.88 -0.05 0.00	29.86 0.00 0.00	37.03 0.03 0.00	51.35 0.34 0.00	44.21 0.36 0.00	39.96 0.65 0.00	38.47 0.62 0.00	31.30 0.44 0.00	32.07 0.30 0.00	31.13 0.40 0.00	37.32 -0.01 0.00	41.57 0.06 0.00	43.87 0.18 0.00	39.90 0.31 0.00	44.18 -0.12 0.00	47.70 -0.03 0.00	45.98 0.10 0.00	38.63 -0.30 0.00	33.41 -0.26 0.00	28.07 -0.16 0.00
MARSHVLE_115KV_TB1 80742	40.90 2.64 0.00	34.24 2.13 0.00	31.98 1.96 0.00	27.04 1.65 0.00	26.56 1.64 0.00	31.89 2.03 0.00	39.57 2.58 0.00	54.48 3.47 0.00	46.28 2.44 0.00	41.15 1.84 0.00	39.42 1.57 0.00	32.09 1.23 0.00	33.11 1.33 0.00	32.02 1.30 0.00	39.18 1.86 0.00	43.60 2.09 0.00	46.00 2.30 0.00	42.07 2.49 0.00	47.16 2.86 0.00	50.99 3.26 0.00	49.12 3.25 0.00	41.75 2.82 0.00	35.98 2.31 0.00	30.07 1.84 0.00
MARSH_HILL_WT_PWR 323713	37.38 -0.88 0.00	31.32 -0.79 0.00	29.30 -0.72 0.00	24.57 -0.82 0.00	23.95 -0.97 0.00	28.82 -1.04 0.00	35.65 -1.35 0.00	49.22 -1.79 0.00	42.48 -1.36 0.00	38.27 -1.04 0.00	36.62 -1.23 0.00	29.63 -1.23 0.00	30.65 -1.12 0.00	29.66 -1.06 0.00	37.10 -0.23 0.00	41.22 -0.30 0.00	42.97 -0.73 0.00	37.98 -1.61 0.00	42.65 -1.66 0.00	45.36 -2.38 0.00	43.33 -2.54 0.00	36.52 -2.40 0.00	31.79 -1.88 0.00	26.51 -1.72 0.00
MCINTYRE_115KV_TB2 80467	38.75 0.49 0.00	32.44 0.32 0.00	30.36 0.33 0.00	25.66 0.28 0.00	25.28 0.36 0.00	30.37 0.51 0.00	37.51 0.51 0.00	51.94 0.93 0.00	44.57 0.72 0.00	39.81 0.50 0.00	38.13 0.28 0.00	30.92 0.06 0.00	31.79 0.02 0.00	30.65 -0.07 0.00	37.49 0.16 0.00	42.17 0.65 0.00	44.65 0.96 0.00	40.40 0.81 0.00	44.74 0.44 0.00	48.46 0.73 0.00	46.79 0.92 0.00	39.64 0.72 0.00	34.30 0.63 0.00	28.73 0.50 0.00
MECO_____69_KV_BK1 80468	41.02 2.76 0.00	34.36 2.24 0.00	32.09 2.07 0.00	27.12 1.73 0.00	26.66 1.74 0.00	32.03 2.17 0.00	39.83 2.83 0.00	54.71 3.70 0.00	46.15 2.30 0.00	40.65 1.34 0.00	38.99 1.14 0.00	31.72 0.87 0.00	32.67 0.90 0.00	31.71 0.99 0.00	38.81 1.49 0.00	43.15 1.63 0.00	45.90 2.20 0.00	42.33 2.74 0.00	47.60 3.30 0.00	51.53 3.79 0.00	49.60 3.72 0.00	42.10 3.17 0.00	36.23 2.57 0.00	30.26 2.03 0.00
MENANDS___115KV_TB5 355628	39.06 0.80 0.00	32.86 0.74 0.00	30.71 0.69 0.00	25.98 0.59 0.00	25.54 0.61 0.00	30.55 0.69 0.00	37.89 0.89 0.00	52.11 1.11 0.00	44.72 0.87 0.00	40.03 0.72 0.00	38.59 0.75 0.00	31.53 0.68 0.00	32.49 0.72 0.00	31.48 0.76 0.00	38.19 0.86 0.00	42.61 1.10 0.00	44.91 1.22 0.00	40.82 1.24 0.00	45.86 1.56 0.00	49.39 1.66 0.00	47.41 1.53 0.00	40.25 1.32 0.00	34.73 1.06 0.00	29.03 0.80 0.00
MG INDUSTRY___DRP 24185	39.15 0.89 0.00	32.93 0.81 0.00	30.78 0.76 0.00	26.04 0.66 0.00	25.58 0.65 0.00	30.61 0.75 0.00	37.94 0.94 0.00	52.13 1.13 0.00	44.62 0.77 0.00	39.83 0.52 0.00	38.37 0.52 0.00	31.34 0.48 0.00	32.29 0.51 0.00	31.30 0.58 0.00	38.05 0.72 0.00	42.46 0.94 0.00	44.77 1.07 0.00	40.70 1.11 0.00	45.74 1.43 0.00	49.30 1.56 0.00	47.31 1.44 0.00	40.19 1.26 0.00	34.71 1.04 0.00	29.03 0.80 0.00

MID___OSWEGATCHIE_HYD 23849	37.64 -0.62 0.00	31.48 -0.63 0.00	29.38 -0.64 0.00	24.88 -0.51 0.00	24.58 -0.35 0.00	29.55 -0.31 0.00	36.53 -0.47 0.00	50.50 -0.51 0.00	43.28 -0.57 0.00	38.81 -0.51 0.00	37.08 -0.77 0.00	30.05 -0.81 0.00	31.03 -0.74 0.00	30.13 -0.58 0.00	36.72 -0.60 0.00	41.15 -0.36 0.00	43.29 -0.41 0.00	39.04 -0.55 0.00	43.34 -0.97 0.00	47.05 -0.68 0.00	45.42 -0.46 0.00	38.32 -0.61 0.00	33.00 -0.67 0.00	27.51 -0.73 0.00
MID___RAQUETTE_HYD 23851	37.76 -0.50 0.00	31.60 -0.51 0.00	29.56 -0.46 0.00	25.00 -0.39 0.00	24.64 -0.29 0.00	29.57 -0.29 0.00	36.39 -0.61 0.00	50.45 -0.56 0.00	43.42 -0.43 0.00	38.96 -0.35 0.00	37.36 -0.48 0.00	30.30 -0.55 0.00	31.17 -0.60 0.00	30.19 -0.53 0.00	36.88 -0.44 0.00	41.31 -0.21 0.00	43.53 -0.17 0.00	39.21 -0.38 0.00	43.47 -0.84 0.00	46.99 -0.74 0.00	45.35 -0.52 0.00	38.38 -0.54 0.00	33.19 -0.48 0.00	27.81 -0.43 0.00
MILLIKEN___1 23584	38.67 0.41 0.00	32.47 0.35 0.00	30.35 0.33 0.00	25.62 0.23 0.00	25.14 0.21 0.00	30.18 0.32 0.00	37.40 0.41 0.00	51.46 0.45 0.00	44.20 0.35 0.00	39.55 0.24 0.00	37.96 0.11 0.00	30.80 -0.06 0.00	31.68 -0.10 0.00	30.65 -0.07 0.00	37.45 0.12 0.00	41.76 0.25 0.00	43.91 0.21 0.00	39.62 0.04 0.00	44.54 0.23 0.00	48.07 0.33 0.00	46.19 0.31 0.00	39.10 0.17 0.00	33.75 0.08 0.00	28.27 0.03 0.00
MILLIKEN___2 23585	38.67 0.41 0.00	32.47 0.35 0.00	30.35 0.33 0.00	25.62 0.23 0.00	25.14 0.21 0.00	30.18 0.32 0.00	37.40 0.41 0.00	51.46 0.45 0.00	44.20 0.35 0.00	39.55 0.24 0.00	37.96 0.11 0.00	30.80 -0.06 0.00	31.68 -0.10 0.00	30.65 -0.07 0.00	37.45 0.12 0.00	41.76 0.25 0.00	43.91 0.21 0.00	39.62 0.04 0.00	44.54 0.23 0.00	48.07 0.33 0.00	46.19 0.31 0.00	39.10 0.17 0.00	33.75 0.08 0.00	28.27 0.03 0.00
MILLIKEN___DIESEL 23629	38.67 0.41 0.00	32.47 0.35 0.00	30.35 0.33 0.00	25.62 0.23 0.00	25.14 0.21 0.00	30.18 0.32 0.00	37.40 0.41 0.00	51.46 0.45 0.00	44.20 0.35 0.00	39.55 0.24 0.00	37.96 0.11 0.00	30.80 -0.06 0.00	31.68 -0.10 0.00	30.65 -0.07 0.00	37.45 0.12 0.00	41.76 0.25 0.00	43.91 0.21 0.00	39.62 0.04 0.00	44.54 0.23 0.00	48.07 0.33 0.00	46.19 0.31 0.00	39.10 0.17 0.00	33.75 0.08 0.00	28.27 0.03 0.00
MILLSEAT___LFGE 323607	36.42 -1.84 0.00	30.65 -1.47 0.00	28.80 -1.22 0.00	24.34 -1.05 0.00	23.71 -1.22 0.00	28.35 -1.51 0.00	34.70 -2.29 0.00	47.66 -3.35 0.00	41.45 -2.40 0.00	37.44 -1.87 0.00	35.92 -1.93 0.00	29.30 -1.56 0.00	30.22 -1.55 0.00	29.15 -1.58 0.00	35.52 -1.81 0.00	39.30 -2.22 0.00	41.28 -2.42 0.00	36.88 -2.70 0.00	41.23 -3.07 0.00	44.46 -3.28 0.00	42.70 -3.18 0.00	36.36 -2.57 0.00	31.72 -1.95 0.00	26.54 -1.69 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	39.91 1.64 0.00	33.50 1.39 0.00	31.27 1.25 0.00	26.44 1.05 0.00	25.97 1.04 0.00	31.13 1.26 0.00	38.81 1.81 0.00	53.52 2.51 0.00	45.89 2.05 0.00	41.12 1.80 0.00	39.64 1.79 0.00	32.39 1.53 0.00	33.50 1.73 0.00	32.47 1.75 0.00	39.52 2.20 0.00	44.09 2.57 0.00	46.40 2.70 0.00	42.07 2.48 0.00	47.00 2.70 0.00	50.57 2.84 0.00	48.53 2.65 0.00	41.20 2.27 0.00	35.61 1.94 0.00	29.64 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	39.95 1.69 0.00	33.53 1.42 0.00	31.30 1.28 0.00	26.47 1.08 0.00	26.00 1.07 0.00	31.16 1.30 0.00	38.85 1.85 0.00	53.58 2.57 0.00	45.95 2.10 0.00	41.17 1.86 0.00	39.69 1.84 0.00	32.43 1.57 0.00	33.54 1.77 0.00	32.51 1.79 0.00	39.56 2.24 0.00	44.15 2.63 0.00	46.47 2.77 0.00	42.12 2.53 0.00	47.08 2.78 0.00	50.65 2.91 0.00	48.60 2.73 0.00	41.26 2.33 0.00	35.65 1.98 0.00	29.68 1.44 0.00
MODEL_CITY_ENERGY 24167	35.36 -2.90 0.00	29.81 -2.30 0.00	28.04 -1.99 0.00	23.71 -1.68 0.00	23.07 -1.85 0.00	27.51 -2.35 0.00	33.57 -3.43 0.00	45.97 -5.04 0.00	39.99 -3.86 0.00	36.20 -3.11 0.00	34.84 -3.01 0.00	28.46 -2.40 0.00	29.29 -2.48 0.00	28.20 -2.52 0.00	34.34 -2.98 0.00	37.96 -3.56 0.00	40.02 -3.68 0.00	35.59 -4.00 0.00	39.66 -4.64 0.00	42.72 -5.01 0.00	41.04 -4.83 0.00	35.06 -3.87 0.00	30.67 -3.00 0.00	25.70 -2.54 0.00
MODERN_LFGE___ 323580	35.36 -2.90 0.00	29.81 -2.30 0.00	28.04 -1.99 0.00	23.71 -1.68 0.00	23.07 -1.85 0.00	27.51 -2.35 0.00	33.57 -3.43 0.00	45.97 -5.04 0.00	39.99 -3.86 0.00	36.20 -3.11 0.00	34.84 -3.01 0.00	28.46 -2.40 0.00	29.29 -2.48 0.00	28.20 -2.52 0.00	34.34 -2.98 0.00	37.96 -3.56 0.00	40.02 -3.68 0.00	35.59 -4.00 0.00	39.66 -4.64 0.00	42.72 -5.01 0.00	41.04 -4.83 0.00	35.06 -3.87 0.00	30.67 -3.00 0.00	25.70 -2.54 0.00
MOHAWK_PAPER___DRP 24187	39.27 1.01 0.00	33.01 0.90 0.00	30.85 0.82 0.00	26.10 0.71 0.00	25.65 0.73 0.00	30.71 0.85 0.00	38.09 1.09 0.00	52.40 1.40 0.00	44.94 1.09 0.00	40.20 0.89 0.00	38.75 0.90 0.00	31.65 0.79 0.00	32.61 0.84 0.00	31.62 0.90 0.00	38.38 1.05 0.00	42.83 1.32 0.00	45.12 1.43 0.00	41.03 1.44 0.00	46.11 1.80 0.00	49.67 1.93 0.00	47.68 1.80 0.00	40.47 1.54 0.00	34.91 1.24 0.00	29.17 0.94 0.00
MOHICAN___35_KV_115KV_LD 80490	40.18 1.93 0.00	33.73 1.62 0.00	31.53 1.51 0.00	26.69 1.30 0.00	26.31 1.38 0.00	31.56 1.70 0.00	39.35 2.36 0.00	54.10 3.09 0.00	46.31 2.46 0.00	41.22 1.91 0.00	39.55 1.70 0.00	32.25 1.39 0.00	33.06 1.29 0.00	31.80 1.08 0.00	38.27 0.94 0.00	42.71 1.20 0.00	44.91 1.21 0.00	41.13 1.54 0.00	46.31 2.01 0.00	49.77 2.04 0.00	47.74 1.87 0.00	40.44 1.51 0.00	34.93 1.26 0.00	29.60 1.37 0.00
MONGAUP___HYD 23641	39.83 1.57 0.00	33.41 1.29 0.00	31.18 1.16 0.00	26.36 0.97 0.00	25.89 0.96 0.00	31.03 1.17 0.00	38.66 1.66 0.00	53.23 2.23 0.00	45.52 1.67 0.00	40.47 1.16 0.00	38.95 1.10 0.00	31.80 0.95 0.00	32.84 1.06 0.00	31.80 1.08 0.00	38.72 1.40 0.00	43.22 1.70 0.00	45.50 1.80 0.00	41.51 1.92 0.00	46.72 2.42 0.00	50.44 2.70 0.00	48.45 2.57 0.00	41.10 2.17 0.00	35.46 1.79 0.00	29.54 1.30 0.00
MONTAUK___DIESEL 23721	38.86 0.60 0.00	32.67 0.56 0.00	30.40 0.38 0.00	25.77 0.39 0.00	25.40 0.47 0.00	30.46 0.60 0.00	38.68 1.69 0.00	53.08 2.07 0.00	42.87 0.34 1.31	-10.33 0.06 49.70	-80.50 1.77 120.12	25.88 0.28 5.26	4.38 0.41 27.81	-11.31 0.42 42.46	22.81 0.66 15.17	25.52 0.78 16.78	30.80 0.78 13.67	38.16 1.38 2.80	63.32 1.66 -17.36	64.97 1.51 -15.73	63.21 1.42 -15.91	59.66 1.27 -19.46	35.57 2.45 0.54	28.73 0.81 0.31
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.18 -1.08 0.00	31.36 -0.76 0.00	29.80 -0.22 0.00	25.25 -0.14 0.00	24.61 -0.31 0.00	29.41 -0.44 0.00	36.10 -0.89 0.00	49.44 -1.57 0.00	42.18 -1.67 0.00	37.76 -1.55 0.00	36.65 -1.20 0.00	30.59 -0.27 0.00	32.03 0.25 0.00	30.91 0.19 0.00	37.25 -0.08 0.00	40.97 -0.55 0.00	42.53 -1.17 0.00	37.14 -2.45 0.00	42.08 -2.22 0.00	45.31 -2.42 0.00	43.27 -2.60 0.00	36.67 -2.26 0.00	31.85 -1.82 0.00	26.70 -1.54 0.00

MORRIS RIDGE___SOLAR 323848	36.96 -1.30 0.00	31.05 -1.06 0.00	29.18 -0.84 0.00	24.62 -0.77 0.00	24.05 -0.87 0.00	28.84 -1.02 0.00	35.48 -1.51 0.00	48.74 -2.26 0.00	42.07 -1.77 0.00	37.84 -1.47 0.00	36.21 -1.64 0.00	29.39 -1.47 0.00	30.37 -1.41 0.00	29.44 -1.29 0.00	36.32 -1.01 0.00	40.36 -1.16 0.00	42.16 -1.54 0.00	37.39 -2.19 0.00	42.05 -2.25 0.00	44.99 -2.75 0.00	43.04 -2.83 0.00	36.41 -2.52 0.00	31.70 -1.97 0.00	26.48 -1.75 0.00
MORTIMER_115KV_TB3 55949	36.85 -1.41 0.00	30.98 -1.13 0.00	29.06 -0.96 0.00	24.56 -0.83 0.00	23.98 -0.94 0.00	28.68 -1.18 0.00	35.26 -1.74 0.00	48.50 -2.51 0.00	42.10 -1.75 0.00	37.96 -1.35 0.00	36.50 -1.35 0.00	29.78 -1.08 0.00	30.74 -1.03 0.00	29.67 -1.05 0.00	36.11 -1.22 0.00	40.00 -1.51 0.00	42.06 -1.64 0.00	37.75 -1.84 0.00	42.21 -2.09 0.00	45.50 -2.24 0.00	43.71 -2.16 0.00	37.14 -1.79 0.00	32.26 -1.40 0.00	27.06 -1.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	40.30 2.04 0.00	33.83 1.71 0.00	31.53 1.51 0.00	26.68 1.29 0.00	26.19 1.26 0.00	31.38 1.52 0.00	39.14 2.15 0.00	54.00 2.99 0.00	46.33 2.48 0.00	41.54 2.23 0.00	40.05 2.21 0.00	32.75 1.89 0.00	33.88 2.11 0.00	32.85 2.13 0.00	39.97 2.64 0.00	44.57 3.05 0.00	46.86 3.17 0.00	42.49 2.90 0.00	47.41 3.11 0.00	51.00 3.26 0.00	48.90 3.03 0.00	41.54 2.61 0.00	35.93 2.26 0.00	29.91 1.67 0.00
MUNSVILLE_WIND_PWR 323609	40.54 2.28 0.00	34.02 1.90 0.00	31.88 1.86 0.00	26.78 1.40 0.00	26.31 1.38 0.00	31.73 1.88 0.00	39.28 2.28 0.00	54.00 2.99 0.00	46.42 2.58 0.00	41.52 2.21 0.00	39.74 1.90 0.00	32.20 1.34 0.00	33.05 1.28 0.00	31.89 1.16 0.00	38.98 1.66 0.00	43.27 1.75 0.00	45.47 1.78 0.00	41.29 1.71 0.00	47.51 3.20 0.00	50.97 3.24 0.00	48.88 3.01 0.00	41.25 2.32 0.00	35.05 1.38 0.00	28.73 0.49 0.00
N SALMON___HYD 24042	38.22 -0.04 0.00	32.03 -0.08 0.00	29.96 -0.06 0.00	25.30 -0.09 0.00	24.91 -0.01 0.00	29.92 0.06 0.00	37.07 0.08 0.00	51.47 0.46 0.00	44.35 0.50 0.00	40.02 0.71 0.00	38.41 0.57 0.00	31.14 0.28 0.00	31.94 0.17 0.00	31.27 0.54 0.00	37.33 0.00 0.00	41.57 0.05 0.00	43.95 0.25 0.00	39.96 0.38 0.00	44.23 -0.07 0.00	47.74 0.00 0.00	46.10 0.23 0.00	38.76 -0.17 0.00	33.52 -0.15 0.00	28.13 -0.10 0.00
N.AKRON__115KV_KNAPP 355671	36.24 -2.02 0.00	30.52 -1.60 0.00	28.69 -1.33 0.00	24.24 -1.14 0.00	23.61 -1.31 0.00	28.21 -1.65 0.00	34.51 -2.48 0.00	47.36 -3.65 0.00	41.20 -2.65 0.00	37.24 -2.07 0.00	35.78 -2.07 0.00	29.19 -1.67 0.00	30.10 -1.67 0.00	29.00 -1.72 0.00	35.33 -2.00 0.00	39.07 -2.45 0.00	41.08 -2.62 0.00	36.63 -2.96 0.00	40.92 -3.38 0.00	44.11 -3.63 0.00	42.36 -3.51 0.00	36.11 -2.82 0.00	31.52 -2.15 0.00	26.38 -1.85 0.00
N.BELMOR_69_KV_BK1 55787	40.09 1.83 0.00	33.60 1.48 0.00	31.30 1.28 0.00	26.50 1.11 0.00	26.04 1.11 0.00	31.22 1.36 0.00	39.18 2.18 0.00	53.79 2.78 0.00	45.94 2.09 0.00	41.16 1.85 0.00	42.58 1.95 -2.79	40.06 1.66 -7.54	37.77 1.84 -4.15	44.66 1.81 -12.13	46.95 2.23 -7.39	60.04 2.56 -15.96	46.39 2.50 -0.18	70.90 2.44 -28.87	83.85 2.66 -36.89	80.49 2.85 -29.90	109.74 2.74 -61.12	79.20 2.46 -37.80	38.18 2.70 -1.80	30.91 1.65 -1.02
N.E_GEN_SANDY PD 24062	39.81 1.23 -0.32	33.17 1.05 0.00	30.99 0.97 0.00	26.22 0.83 0.00	25.78 0.85 0.00	30.84 0.99 0.00	38.85 1.31 -0.55	52.77 1.76 0.00	45.30 1.46 0.00	40.56 1.25 0.00	39.08 1.23 0.00	31.88 1.02 0.00	32.86 1.09 0.00	31.80 1.07 0.00	38.63 1.30 0.00	43.11 1.59 0.00	45.43 1.73 0.00	41.52 1.73 -0.20	46.42 2.11 0.00	50.00 2.27 0.00	47.97 2.10 0.00	41.71 1.81 -0.97	34.42 1.44 0.69	29.29 1.06 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	39.84 1.58 0.00	33.43 1.32 0.00	31.20 1.18 0.00	26.38 0.99 0.00	25.91 0.98 0.00	31.08 1.22 0.00	38.79 1.79 0.00	53.50 2.49 0.00	45.86 2.01 0.00	41.07 1.76 0.00	39.59 1.74 0.00	32.37 1.51 0.00	33.50 1.72 0.00	32.48 1.75 0.00	39.53 2.20 0.00	44.11 2.59 0.00	46.43 2.73 0.00	42.03 2.45 0.00	46.99 2.69 0.00	50.55 2.82 0.00	48.50 2.62 0.00	41.15 2.22 0.00	35.55 1.88 0.00	29.59 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	40.08 1.83 0.01	33.66 1.55 0.01	31.38 1.37 0.01	26.56 1.17 0.01	26.05 1.12 0.00	31.21 1.36 0.01	38.96 1.97 0.01	53.77 2.77 0.01	46.14 2.30 0.00	41.46 2.15 0.00	39.94 2.09 0.00	32.68 1.82 0.00	33.82 2.05 0.00	32.80 2.08 0.00	39.93 2.60 0.00	44.49 2.98 0.00	46.69 2.99 0.00	50.40 2.81 -8.00	49.98 2.97 -2.72	50.85 3.11 0.00	55.09 2.96 -6.26	41.48 2.55 0.00	35.88 2.21 0.00	29.88 1.64 0.00
N.TROY___115KV_TB1 355778	39.32 1.06 0.00	33.01 0.90 0.00	30.86 0.83 0.00	26.10 0.72 0.00	25.67 0.75 0.00	30.75 0.89 0.00	38.15 1.15 0.00	52.50 1.49 0.00	45.02 1.17 0.00	40.24 0.93 0.00	38.76 0.91 0.00	31.61 0.76 0.00	32.56 0.79 0.00	31.54 0.82 0.00	38.28 0.95 0.00	42.73 1.21 0.00	45.02 1.33 0.00	40.99 1.41 0.00	46.07 1.76 0.00	49.65 1.91 0.00	47.65 1.77 0.00	40.43 1.51 0.00	34.85 1.18 0.00	29.17 0.93 0.00
NARROWS_GT1_1 24228	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT1_2 24229	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT1_3 24230	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT1_4 24231	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00

NARROWS_GT1_5 24232	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT1_6 24233	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT1_7 24234	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT1_8 24235	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_1 24236	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_2 24237	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_3 24238	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_4 24239	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_5 24240	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_6 24241	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_7 24242	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NARROWS_GT2_8 24243	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.86 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.28 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.31 2.47 0.00	33.02 2.16 0.00	34.17 2.40 0.00	33.13 2.41 0.00	40.29 2.97 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.75 3.16 0.00	47.63 3.33 0.00	51.25 3.51 0.00	49.14 3.26 0.00	41.83 2.91 0.00	36.22 2.55 0.00	30.16 1.92 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	39.51 1.25 0.00	33.22 1.11 0.00	31.05 1.03 0.00	26.26 0.87 0.00	25.82 0.89 0.00	30.92 1.06 0.00	38.38 1.39 0.00	52.77 1.76 0.00	45.13 1.28 0.00	40.18 0.87 0.00	38.71 0.86 0.00	31.60 0.74 0.00	32.45 0.67 0.00	31.48 0.76 0.00	38.22 0.89 0.00	42.71 1.20 0.00	45.25 1.56 0.00	41.19 1.61 0.00	46.44 2.13 0.00	50.15 2.41 0.00	48.14 2.27 0.00	40.85 1.92 0.00	35.21 1.55 0.00	29.41 1.18 0.00
NCHELSEA_115KV_TR2 355582	40.12 1.86 0.00	33.66 1.55 0.00	31.42 1.40 0.00	26.58 1.19 0.00	26.10 1.18 0.00	31.27 1.41 0.00	38.97 1.97 0.00	53.74 2.73 0.00	46.11 2.26 0.00	41.30 1.99 0.00	39.79 1.94 0.00	32.48 1.62 0.00	33.56 1.78 0.00	32.52 1.80 0.00	39.60 2.28 0.00	44.23 2.71 0.00	46.59 2.89 0.00	42.27 2.68 0.00	47.31 3.01 0.00	50.92 3.19 0.00	48.86 2.99 0.00	41.46 2.53 0.00	35.78 2.11 0.00	29.78 1.55 0.00
NEG CAPITAL___MECHNVIL 23645	39.91 1.65 0.00	33.50 1.39 0.00	31.31 1.29 0.00	26.48 1.10 0.00	26.04 1.11 0.00	31.25 1.39 0.00	38.84 1.84 0.00	53.43 2.42 0.00	45.78 1.93 0.00	40.83 1.52 0.00	39.27 1.42 0.00	32.07 1.21 0.00	32.98 1.21 0.00	31.89 1.17 0.00	38.69 1.36 0.00	43.16 1.64 0.00	45.46 1.76 0.00	41.43 1.85 0.00	46.58 2.28 0.00	50.17 2.44 0.00	48.14 2.27 0.00	40.81 1.88 0.00	35.20 1.53 0.00	29.54 1.31 0.00

NEG CENTRAL_HIGH_ACRES 23767	36.39 -1.87 0.00	30.60 -1.52 0.00	28.69 -1.34 0.00	24.25 -1.14 0.00	23.69 -1.24 0.00	28.36 -1.50 0.00	34.93 -2.07 0.00	48.05 -2.96 0.00	41.64 -2.21 0.00	37.50 -1.81 0.00	36.06 -1.79 0.00	29.42 -1.44 0.00	30.37 -1.40 0.00	29.33 -1.39 0.00	35.69 -1.64 0.00	39.58 -1.94 0.00	41.63 -2.06 0.00	37.42 -2.17 0.00	41.83 -2.47 0.00	45.09 -2.64 0.00	43.32 -2.55 0.00	36.77 -2.16 0.00	31.90 -1.77 0.00	26.76 -1.47 0.00
NEG CENTRAL___DRP 24199	37.89 -0.37 0.00	31.81 -0.31 0.00	29.76 -0.26 0.00	25.13 -0.26 0.00	24.63 -0.30 0.00	29.54 -0.32 0.00	36.56 -0.43 0.00	50.24 -0.77 0.00	43.23 -0.62 0.00	38.90 -0.41 0.00	37.38 -0.46 0.00	30.43 -0.42 0.00	31.36 -0.42 0.00	30.30 -0.43 0.00	37.03 -0.30 0.00	41.15 -0.37 0.00	43.16 -0.54 0.00	38.84 -0.75 0.00	43.53 -0.77 0.00	46.83 -0.90 0.00	45.00 -0.88 0.00	38.11 -0.81 0.00	33.03 -0.64 0.00	27.70 -0.53 0.00
NEG CENTRAL___INDECK 23768	37.99 -0.27 0.00	31.88 -0.24 0.00	29.92 -0.10 0.00	25.24 -0.14 0.00	24.66 -0.26 0.00	29.59 -0.27 0.00	36.55 -0.45 0.00	50.27 -0.74 0.00	43.39 -0.45 0.00	38.84 -0.47 0.00	37.13 -0.72 0.00	30.17 -0.69 0.00	31.21 -0.57 0.00	30.34 -0.39 0.00	37.22 -0.11 0.00	41.40 -0.12 0.00	43.36 -0.34 0.00	38.75 -0.84 0.00	43.51 -0.79 0.00	46.84 -0.90 0.00	44.92 -0.95 0.00	38.08 -0.84 0.00	32.98 -0.69 0.00	27.56 -0.67 0.00
NEG CENTRAL___SENECA 23627	37.85 -0.41 0.00	31.80 -0.32 0.00	29.79 -0.24 0.00	25.14 -0.25 0.00	24.63 -0.30 0.00	29.55 -0.31 0.00	36.55 -0.45 0.00	50.13 -0.88 0.00	43.17 -0.67 0.00	38.93 -0.38 0.00	37.38 -0.47 0.00	30.40 -0.46 0.00	31.36 -0.41 0.00	30.32 -0.41 0.00	37.17 -0.16 0.00	41.31 -0.21 0.00	43.25 -0.45 0.00	38.85 -0.73 0.00	43.57 -0.73 0.00	46.78 -0.95 0.00	44.95 -0.92 0.00	38.06 -0.87 0.00	33.02 -0.65 0.00	27.64 -0.59 0.00
NEG CENTRAL___STATE_STREET 24147	38.24 -0.02 0.00	32.12 0.00 0.00	29.95 -0.07 0.00	25.29 -0.10 0.00	24.80 -0.13 0.00	29.82 -0.04 0.00	36.92 -0.07 0.00	50.79 -0.22 0.00	43.65 -0.19 0.00	39.17 -0.14 0.00	37.64 -0.21 0.00	30.62 -0.24 0.00	31.54 -0.24 0.00	30.39 -0.33 0.00	36.99 -0.33 0.00	41.16 -0.35 0.00	43.27 -0.42 0.00	39.05 -0.54 0.00	43.77 -0.54 0.00	47.33 -0.41 0.00	45.47 -0.41 0.00	38.54 -0.39 0.00	33.28 -0.38 0.00	28.01 -0.22 0.00
NEG MILLWOOD___DRP 24198	40.20 1.94 0.00	33.73 1.61 0.00	31.48 1.46 0.00	26.63 1.25 0.00	26.16 1.23 0.00	31.34 1.48 0.00	39.08 2.09 0.00	53.92 2.91 0.00	46.26 2.42 0.00	41.44 2.13 0.00	39.92 2.07 0.00	32.61 1.75 0.00	33.70 1.92 0.00	32.66 1.94 0.00	39.76 2.44 0.00	44.41 2.89 0.00	46.75 3.06 0.00	42.41 2.82 0.00	47.45 3.15 0.00	51.07 3.34 0.00	49.00 3.13 0.00	41.57 2.64 0.00	35.90 2.24 0.00	29.86 1.63 0.00
NEG NORTH_FLCN_SEA 23793	38.43 0.17 0.00	32.23 0.11 0.00	30.16 0.14 0.00	25.50 0.11 0.00	25.04 0.12 0.00	30.11 0.25 0.00	37.50 0.50 0.00	51.93 0.92 0.00	44.64 0.79 0.00	40.69 1.38 0.00	39.25 1.40 0.00	31.69 0.83 0.00	32.37 0.60 0.00	31.55 0.83 0.00	37.67 0.35 0.00	42.01 0.49 0.00	44.34 0.64 0.00	40.37 0.79 0.00	44.70 0.40 0.00	48.23 0.50 0.00	46.46 0.59 0.00	39.03 0.10 0.00	33.74 0.07 0.00	28.37 0.14 0.00
NEG NORTH_KES_CHATEGAY 23792	38.21 -0.05 0.00	32.03 -0.08 0.00	29.97 -0.06 0.00	25.30 -0.09 0.00	24.90 -0.02 0.00	29.90 0.04 0.00	37.10 0.10 0.00	51.46 0.45 0.00	44.25 0.41 0.00	40.03 0.72 0.00	38.54 0.70 0.00	31.27 0.41 0.00	32.02 0.25 0.00	31.08 0.36 0.00	37.26 -0.07 0.00	41.49 -0.03 0.00	43.78 0.09 0.00	39.93 0.34 0.00	44.20 -0.11 0.00	47.71 -0.03 0.00	46.04 0.17 0.00	38.65 -0.28 0.00	33.42 -0.25 0.00	28.09 -0.15 0.00
NEG NORTH___ALICE_FALLS 23915	38.47 0.22 0.00	32.26 0.15 0.00	30.19 0.17 0.00	25.51 0.12 0.00	25.07 0.14 0.00	30.14 0.28 0.00	37.52 0.52 0.00	52.02 1.01 0.00	44.70 0.86 0.00	40.64 1.33 0.00	39.14 1.29 0.00	31.65 0.79 0.00	32.33 0.55 0.00	31.54 0.82 0.00	37.62 0.29 0.00	41.97 0.45 0.00	44.29 0.59 0.00	40.36 0.77 0.00	44.70 0.39 0.00	48.21 0.48 0.00	46.46 0.59 0.00	39.03 0.10 0.00	33.73 0.06 0.00	28.35 0.12 0.00
NEG NORTH___LWR_SARANAC 23913	38.47 0.22 0.00	32.26 0.15 0.00	30.19 0.17 0.00	25.51 0.12 0.00	25.07 0.14 0.00	30.14 0.28 0.00	37.52 0.52 0.00	52.02 1.01 0.00	44.70 0.86 0.00	40.64 1.33 0.00	39.14 1.29 0.00	31.65 0.79 0.00	32.33 0.55 0.00	31.54 0.82 0.00	37.62 0.29 0.00	41.97 0.45 0.00	44.29 0.59 0.00	40.36 0.77 0.00	44.70 0.39 0.00	48.21 0.48 0.00	46.46 0.59 0.00	39.03 0.10 0.00	33.73 0.06 0.00	28.35 0.12 0.00
NEG NORTH___PLATTSBURG 23628	38.47 0.22 0.00	32.26 0.15 0.00	30.19 0.17 0.00	25.51 0.12 0.00	25.07 0.15 0.00	30.14 0.28 0.00	37.52 0.52 0.00	52.02 1.01 0.00	44.70 0.85 0.00	40.64 1.33 0.00	39.14 1.29 0.00	31.64 0.79 0.00	32.33 0.55 0.00	31.54 0.82 0.00	37.62 0.29 0.00	41.97 0.45 0.00	44.29 0.59 0.00	40.35 0.76 0.00	44.69 0.39 0.00	48.21 0.47 0.00	46.47 0.59 0.00	39.03 0.10 0.00	33.73 0.06 0.00	28.35 0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	35.74 -2.52 0.00	30.10 -2.01 0.00	28.32 -1.71 0.00	23.93 -1.45 0.00	23.30 -1.63 0.00	27.80 -2.06 0.00	33.93 -3.06 0.00	46.50 -4.51 0.00	40.45 -3.39 0.00	36.60 -2.71 0.00	35.22 -2.63 0.00	28.76 -2.10 0.00	29.62 -2.15 0.00	28.52 -2.20 0.00	34.75 -2.58 0.00	38.39 -3.12 0.00	40.42 -3.27 0.00	35.96 -3.62 0.00	40.12 -4.18 0.00	43.23 -4.50 0.00	41.52 -4.36 0.00	35.43 -3.50 0.00	30.98 -2.70 0.00	25.95 -2.29 0.00
NEG WEST___LANCASTR 23811	36.35 -1.91 0.00	30.62 -1.50 0.00	28.79 -1.23 0.00	24.29 -1.10 0.00	23.70 -1.23 0.00	28.36 -1.50 0.00	34.74 -2.25 0.00	47.77 -3.24 0.00	41.43 -2.41 0.00	37.35 -1.96 0.00	35.96 -1.89 0.00	29.37 -1.49 0.00	30.31 -1.47 0.00	29.24 -1.48 0.00	35.71 -1.61 0.00	39.47 -2.05 0.00	41.42 -2.28 0.00	36.81 -2.78 0.00	41.21 -3.09 0.00	44.32 -3.41 0.00	42.55 -3.32 0.00	36.11 -2.81 0.00	31.51 -2.16 0.00	26.37 -1.86 0.00
NEG_PENN_ALLEGHNY 23528	38.32 0.06 0.00	32.21 0.09 0.00	30.14 0.12 0.00	25.43 0.04 0.00	24.95 0.02 0.00	29.92 0.06 0.00	37.05 0.05 0.00	51.05 0.05 0.00	43.91 0.07 0.00	39.37 0.06 0.00	37.89 0.04 0.00	30.90 0.05 0.00	31.85 0.07 0.00	30.81 0.09 0.00	37.59 0.26 0.00	41.77 0.25 0.00	43.86 0.16 0.00	39.45 -0.14 0.00	44.29 -0.01 0.00	47.57 -0.16 0.00	45.69 -0.18 0.00	38.66 -0.27 0.00	33.50 -0.17 0.00	28.00 -0.23 0.00
NEG___GEN_MONROE 24207	36.95 -1.31 0.00	31.08 -1.03 0.00	29.17 -0.85 0.00	24.64 -0.75 0.00	24.06 -0.87 0.00	28.77 -1.09 0.00	35.37 -1.63 0.00	48.65 -2.36 0.00	42.22 -1.62 0.00	38.09 -1.22 0.00	36.58 -1.26 0.00	29.81 -1.05 0.00	30.78 -0.99 0.00	29.72 -1.00 0.00	36.18 -1.14 0.00	40.08 -1.44 0.00	42.14 -1.55 0.00	37.80 -1.79 0.00	42.28 -2.02 0.00	45.60 -2.14 0.00	43.82 -2.06 0.00	37.24 -1.69 0.00	32.35 -1.32 0.00	27.12 -1.11 0.00

NEPA__ENERGY 23901	37.32 -0.94 0.00	31.47 -0.65 0.00	29.69 -0.33 0.00	24.98 -0.41 0.00	24.40 -0.53 0.00	29.28 -0.58 0.00	35.98 -1.02 0.00	49.47 -1.54 0.00	42.48 -1.37 0.00	38.11 -1.20 0.00	36.83 -1.02 0.00	30.28 -0.58 0.00	31.48 -0.30 0.00	30.41 -0.31 0.00	37.06 -0.27 0.00	40.93 -0.59 0.00	42.71 -0.98 0.00	37.56 -2.02 0.00	42.35 -1.95 0.00	45.44 -2.29 0.00	43.66 -2.21 0.00	36.87 -2.06 0.00	32.16 -1.51 0.00	26.88 -1.35 0.00
NEVERSink__HYD 23608	40.27 2.01 0.00	33.79 1.67 0.00	31.58 1.56 0.00	26.72 1.33 0.00	26.24 1.31 0.00	31.48 1.62 0.00	39.17 2.17 0.00	53.96 2.95 0.00	46.22 2.38 0.00	41.36 2.05 0.00	39.78 1.94 0.00	32.46 1.60 0.00	33.55 1.77 0.00	32.33 1.61 0.00	39.21 1.89 0.00	43.81 2.29 0.00	46.14 2.44 0.00	41.84 2.26 0.00	46.92 2.62 0.00	50.57 2.83 0.00	48.55 2.68 0.00	41.17 2.24 0.00	35.53 1.86 0.00	29.59 1.36 0.00
NEWKRMKL_115KV_TB1 55635	38.88 0.62 0.00	32.73 0.61 0.00	30.59 0.56 0.00	25.87 0.48 0.00	25.42 0.50 0.00	30.41 0.55 0.00	37.72 0.73 0.00	51.88 0.87 0.00	44.51 0.66 0.00	39.83 0.52 0.00	38.40 0.55 0.00	31.41 0.55 0.00	32.36 0.58 0.00	31.38 0.66 0.00	38.03 0.71 0.00	42.43 0.92 0.00	44.75 1.05 0.00	40.66 1.07 0.00	45.65 1.35 0.00	49.17 1.44 0.00	47.19 1.32 0.00	40.06 1.13 0.00	34.59 0.92 0.00	28.92 0.69 0.00
NEWTON__FALLS_HYD 23847	37.64 -0.62 0.00	31.48 -0.63 0.00	29.38 -0.64 0.00	24.88 -0.51 0.00	24.58 -0.35 0.00	29.55 -0.31 0.00	36.53 -0.47 0.00	50.50 -0.51 0.00	43.28 -0.57 0.00	38.81 -0.51 0.00	37.08 -0.77 0.00	30.05 -0.81 0.00	31.03 -0.74 0.00	30.13 -0.58 0.00	36.72 -0.60 0.00	41.15 -0.36 0.00	43.29 -0.41 0.00	39.04 -0.55 0.00	43.34 -0.97 0.00	47.05 -0.68 0.00	45.42 -0.46 0.00	38.32 -0.61 0.00	33.00 -0.67 0.00	27.51 -0.73 0.00
NGRID_A1_DSASP 323792	35.28 -2.98 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.67 -1.72 0.00	23.00 -1.93 0.00	27.43 -2.44 0.00	33.44 -3.56 0.00	45.78 -5.23 0.00	39.86 -3.99 0.00	36.07 -3.24 0.00	34.73 -3.12 0.00	28.37 -2.49 0.00	29.20 -2.57 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.69 0.00	39.89 -3.81 0.00	35.49 -4.10 0.00	39.54 -4.76 0.00	42.58 -5.15 0.00	40.92 -4.96 0.00	34.94 -3.99 0.00	30.55 -3.12 0.00	25.62 -2.61 0.00
NGRID_A2_DSASP 323793	35.28 -2.98 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.67 -1.72 0.00	23.00 -1.93 0.00	27.43 -2.44 0.00	33.44 -3.56 0.00	45.78 -5.23 0.00	39.86 -3.99 0.00	36.07 -3.24 0.00	34.73 -3.12 0.00	28.37 -2.49 0.00	29.20 -2.57 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.69 0.00	39.89 -3.81 0.00	35.49 -4.10 0.00	39.54 -4.76 0.00	42.58 -5.15 0.00	40.92 -4.96 0.00	34.94 -3.99 0.00	30.55 -3.12 0.00	25.62 -2.61 0.00
NGRID_A4_DSASP 323807	35.28 -2.98 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.67 -1.72 0.00	23.00 -1.93 0.00	27.43 -2.44 0.00	33.44 -3.56 0.00	45.78 -5.23 0.00	39.86 -3.99 0.00	36.07 -3.24 0.00	34.73 -3.12 0.00	28.37 -2.49 0.00	29.20 -2.57 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.69 0.00	39.89 -3.81 0.00	35.49 -4.10 0.00	39.54 -4.76 0.00	42.58 -5.15 0.00	40.92 -4.96 0.00	34.94 -3.99 0.00	30.55 -3.12 0.00	25.62 -2.61 0.00
NIAGARA_115E_LBMP 323715	35.17 -3.09 0.00	29.65 -2.46 0.00	27.89 -2.13 0.00	23.59 -1.80 0.00	22.95 -1.97 0.00	27.36 -2.50 0.00	33.38 -3.62 0.00	45.67 -5.34 0.00	39.73 -4.11 0.00	35.98 -3.33 0.00	34.64 -3.20 0.00	28.29 -2.57 0.00	29.11 -2.66 0.00	28.03 -2.69 0.00	34.13 -3.20 0.00	37.71 -3.81 0.00	39.79 -3.90 0.00	35.36 -4.23 0.00	39.39 -4.91 0.00	42.44 -5.30 0.00	40.76 -5.11 0.00	34.83 -4.09 0.00	30.50 -3.17 0.00	25.55 -2.68 0.00
NIAGARA_115W_LBMP 323714	35.18 -3.08 0.00	29.65 -2.47 0.00	27.90 -2.12 0.00	23.59 -1.80 0.00	22.93 -1.99 0.00	27.34 -2.52 0.00	33.33 -3.66 0.00	45.63 -5.38 0.00	39.73 -4.11 0.00	35.97 -3.35 0.00	34.62 -3.23 0.00	28.27 -2.59 0.00	29.12 -2.66 0.00	28.03 -2.69 0.00	34.14 -3.19 0.00	37.70 -3.82 0.00	39.76 -3.94 0.00	35.38 -4.20 0.00	39.42 -4.88 0.00	42.44 -5.30 0.00	40.79 -5.08 0.00	34.83 -4.10 0.00	30.45 -3.22 0.00	25.55 -2.68 0.00
NIAGARA_230_LBMP 323716	35.53 -2.73 0.00	29.95 -2.17 0.00	28.18 -1.85 0.00	23.82 -1.57 0.00	23.17 -1.76 0.00	27.63 -2.23 0.00	33.71 -3.29 0.00	46.19 -4.82 0.00	40.22 -3.63 0.00	36.35 -2.96 0.00	35.00 -2.85 0.00	28.58 -2.28 0.00	29.43 -2.35 0.00	28.34 -2.39 0.00	34.52 -2.81 0.00	38.16 -3.36 0.00	40.17 -3.52 0.00	35.76 -3.82 0.00	39.88 -4.42 0.00	42.97 -4.77 0.00	41.28 -4.59 0.00	35.21 -3.72 0.00	30.78 -2.89 0.00	25.82 -2.42 0.00
NIAGARA__115KV_198_GIBSON 55903	35.18 -3.08 0.00	29.65 -2.46 0.00	27.91 -2.12 0.00	23.58 -1.81 0.00	22.93 -1.99 0.00	27.34 -2.52 0.00	33.33 -3.67 0.00	45.64 -5.37 0.00	39.73 -4.12 0.00	35.97 -3.34 0.00	34.64 -3.21 0.00	28.29 -2.57 0.00	29.14 -2.63 0.00	28.04 -2.68 0.00	34.14 -3.19 0.00	37.69 -3.82 0.00	39.76 -3.94 0.00	35.36 -4.22 0.00	39.41 -4.89 0.00	42.44 -5.30 0.00	40.77 -5.11 0.00	34.82 -4.11 0.00	30.45 -3.22 0.00	25.55 -2.68 0.00
NIAGARA____ 23760	35.53 -2.73 0.00	29.95 -2.17 0.00	28.18 -1.85 0.00	23.82 -1.57 0.00	23.17 -1.76 0.00	27.63 -2.23 0.00	33.71 -3.29 0.00	46.19 -4.82 0.00	40.22 -3.63 0.00	36.35 -2.96 0.00	35.00 -2.85 0.00	28.58 -2.28 0.00	29.43 -2.35 0.00	28.34 -2.39 0.00	34.52 -2.81 0.00	38.16 -3.36 0.00	40.17 -3.52 0.00	35.76 -3.82 0.00	39.88 -4.42 0.00	42.97 -4.77 0.00	41.28 -4.59 0.00	35.21 -3.72 0.00	30.78 -2.89 0.00	25.82 -2.42 0.00
NINE_MILE_1 23575	37.10 -1.16 0.00	31.15 -0.96 0.00	29.12 -0.90 0.00	24.62 -0.76 0.00	24.16 -0.76 0.00	28.93 -0.93 0.00	35.77 -1.22 0.00	49.27 -1.74 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.27 0.00	29.82 -1.05 0.00	30.68 -1.09 0.00	29.65 -1.07 0.00	36.00 -1.33 0.00	39.90 -1.61 0.00	41.97 -1.72 0.00	37.96 -1.63 0.00	42.49 -1.81 0.00	45.79 -1.95 0.00	44.00 -1.88 0.00	37.34 -1.59 0.00	32.34 -1.33 0.00	27.27 -0.97 0.00
NINE_MILE_2 23744	37.10 -1.16 0.00	31.15 -0.96 0.00	29.12 -0.90 0.00	24.62 -0.76 0.00	24.17 -0.76 0.00	28.93 -0.93 0.00	35.77 -1.22 0.00	49.28 -1.73 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.26 0.00	29.82 -1.04 0.00	30.69 -1.09 0.00	29.66 -1.07 0.00	36.00 -1.32 0.00	39.90 -1.61 0.00	41.98 -1.72 0.00	37.96 -1.63 0.00	42.49 -1.81 0.00	45.79 -1.94 0.00	44.00 -1.88 0.00	37.34 -1.59 0.00	32.34 -1.33 0.00	27.27 -0.97 0.00
NM_CAPITAL__DRP 24208	38.98 0.72 0.00	32.79 0.68 0.00	30.66 0.63 0.00	25.93 0.54 0.00	25.49 0.56 0.00	30.49 0.63 0.00	37.81 0.81 0.00	52.00 0.99 0.00	44.62 0.77 0.00	39.94 0.63 0.00	38.50 0.66 0.00	31.47 0.62 0.00	32.43 0.65 0.00	31.42 0.70 0.00	38.10 0.78 0.00	42.51 0.99 0.00	44.81 1.11 0.00	40.73 1.14 0.00	45.74 1.44 0.00	49.28 1.54 0.00	47.29 1.42 0.00	40.15 1.23 0.00	34.66 0.99 0.00	28.98 0.74 0.00

NM_CENTRAL___DRP 24181	37.80 -0.46 0.00	31.73 -0.38 0.00	29.68 -0.35 0.00	25.08 -0.31 0.00	24.60 -0.32 0.00	29.47 -0.39 0.00	36.48 -0.51 0.00	50.25 -0.75 0.00	43.22 -0.63 0.00	38.75 -0.56 0.00	37.32 -0.53 0.00	30.40 -0.46 0.00	31.27 -0.50 0.00	30.25 -0.47 0.00	36.76 -0.57 0.00	40.82 -0.70 0.00	42.93 -0.77 0.00	38.76 -0.83 0.00	43.40 -0.90 0.00	46.77 -0.96 0.00	44.94 -0.94 0.00	38.10 -0.83 0.00	32.98 -0.68 0.00	27.74 -0.49 0.00
NM_FRONTIER___DRP 24179	35.18 -3.08 0.00	29.65 -2.46 0.00	27.91 -2.12 0.00	23.58 -1.81 0.00	22.93 -1.99 0.00	27.34 -2.52 0.00	33.33 -3.67 0.00	45.64 -5.37 0.00	39.73 -4.12 0.00	35.97 -3.34 0.00	34.64 -3.21 0.00	28.29 -2.57 0.00	29.14 -2.63 0.00	28.04 -2.68 0.00	34.14 -3.19 0.00	37.69 -3.82 0.00	39.76 -3.94 0.00	35.36 -4.22 0.00	39.41 -4.89 0.00	42.44 -5.30 0.00	40.77 -5.11 0.00	34.82 -4.11 0.00	30.45 -3.22 0.00	25.55 -2.68 0.00
NM_ST_REGIS___HYD 24053	37.89 -0.37 0.00	31.73 -0.38 0.00	29.67 -0.35 0.00	25.09 -0.30 0.00	24.72 -0.21 0.00	29.67 -0.18 0.00	36.59 -0.41 0.00	50.75 -0.26 0.00	43.69 -0.16 0.00	39.26 -0.05 0.00	37.65 -0.20 0.00	30.54 -0.32 0.00	31.37 -0.40 0.00	30.49 -0.23 0.00	37.00 -0.33 0.00	41.39 -0.13 0.00	43.65 -0.04 0.00	39.43 -0.16 0.00	43.68 -0.62 0.00	47.20 -0.54 0.00	45.57 -0.31 0.00	38.49 -0.43 0.00	33.28 -0.39 0.00	27.90 -0.33 0.00
NORTHPORT___1 23551	40.02 1.77 0.00	33.57 1.46 0.00	31.27 1.24 0.00	26.47 1.09 0.00	26.01 1.09 0.00	31.17 1.31 0.00	39.20 2.21 0.00	53.73 2.72 0.00	45.67 1.82 0.00	40.97 1.66 0.00	41.02 1.90 -1.28	36.07 1.64 -3.58	34.53 1.85 -0.91	40.02 1.81 -7.49	44.15 2.10 -4.72	46.19 2.21 -2.46	45.67 1.95 -0.03	41.66 1.95 -0.13	63.49 2.15 -17.04	65.23 2.27 -15.22	63.21 2.23 -15.10	59.90 2.15 -18.81	35.71 2.66 0.62	29.39 1.51 0.35
NORTHPORT___2 23552	40.02 1.77 0.00	33.57 1.46 0.00	31.27 1.24 0.00	26.47 1.09 0.00	26.01 1.09 0.00	31.17 1.31 0.00	39.20 2.21 0.00	53.73 2.72 0.00	45.67 1.82 0.00	40.97 1.66 0.00	41.02 1.90 -1.28	36.07 1.64 -3.58	34.53 1.85 -0.91	40.02 1.81 -7.49	44.15 2.10 -4.72	46.19 2.21 -2.46	45.67 1.95 -0.03	41.66 1.95 -0.13	63.49 2.15 -17.04	65.23 2.27 -15.22	63.21 2.23 -15.10	59.90 2.15 -18.81	35.71 2.66 0.62	29.39 1.51 0.35
NORTHPORT___3 23553	39.75 1.49 0.00	33.33 1.22 0.00	31.05 1.03 0.00	26.28 0.89 0.00	25.83 0.90 0.00	30.94 1.08 0.00	38.87 1.88 0.00	53.20 2.20 0.00	45.43 1.59 0.00	41.37 1.29 -0.77	44.87 1.22 -5.80	35.88 1.18 -3.84	35.10 1.36 -1.96	41.43 1.31 -9.40	44.29 1.47 -5.49	45.69 1.64 -2.54	45.45 1.70 -0.05	40.83 1.73 0.49	63.14 1.90 -16.94	64.99 1.99 -15.26	62.39 1.93 -14.58	59.66 1.88 -18.85	35.43 2.42 0.66	29.27 1.40 0.37
NORTHPORT___4 23650	39.75 1.49 0.00	33.33 1.22 0.00	31.05 1.03 0.00	26.28 0.89 0.00	25.83 0.90 0.00	30.94 1.08 0.00	38.87 1.88 0.00	53.20 2.20 0.00	45.43 1.59 0.00	41.37 1.29 -0.77	44.87 1.22 -5.80	35.88 1.18 -3.84	35.10 1.36 -1.96	41.43 1.31 -9.40	44.29 1.47 -5.49	45.69 1.64 -2.54	45.45 1.70 -0.05	40.83 1.73 0.49	63.14 1.90 -16.94	64.99 1.99 -15.26	62.39 1.93 -14.58	59.66 1.88 -18.85	35.43 2.42 0.66	29.27 1.40 0.37
NORTHPORT___IC 23718	40.02 1.77 0.00	33.57 1.46 0.00	31.27 1.24 0.00	26.47 1.09 0.00	26.02 1.10 0.00	31.17 1.31 0.00	39.21 2.21 0.00	53.73 2.72 0.00	45.67 1.82 0.00	40.97 1.66 0.00	41.02 1.89 -1.28	36.07 1.64 -3.58	34.52 1.84 -0.91	40.01 1.80 -7.49	44.15 2.10 -4.72	46.19 2.21 -2.46	45.67 1.95 -0.03	41.67 1.96 -0.13	63.50 2.15 -17.04	65.23 2.27 -15.22	63.23 2.25 -15.10	59.90 2.16 -18.81	35.77 2.72 0.62	29.40 1.52 0.35
NORTH___COUNTRY_ESR 323785	38.14 -0.12 0.00	31.98 -0.14 0.00	29.92 -0.10 0.00	25.26 -0.13 0.00	24.85 -0.07 0.00	29.85 -0.01 0.00	37.01 0.02 0.00	51.35 0.34 0.00	44.22 0.37 0.00	39.98 0.67 0.00	38.48 0.63 0.00	31.26 0.40 0.00	32.02 0.25 0.00	31.07 0.35 0.00	37.25 -0.08 0.00	41.49 -0.03 0.00	43.78 0.08 0.00	39.84 0.25 0.00	44.08 -0.22 0.00	47.58 -0.15 0.00	45.89 0.01 0.00	38.53 -0.39 0.00	33.34 -0.33 0.00	28.02 -0.21 0.00
NPX_GEN_1385_PROXY 323591	40.02 1.77 0.00	33.57 1.46 0.00	31.27 1.24 0.00	26.47 1.09 0.00	26.01 1.08 0.00	31.17 1.31 0.00	39.20 2.21 0.00	53.73 2.72 0.00	45.67 1.82 0.00	40.96 1.65 0.00	41.01 1.89 -1.28	35.95 1.51 -3.58	34.40 1.72 -0.91	39.90 1.69 -7.49	43.97 1.93 -4.72	45.69 1.71 -2.46	45.03 1.30 -0.03	41.38 1.67 -0.13	63.27 1.92 -17.04	65.06 2.10 -15.22	63.06 2.08 -15.10	59.90 2.16 -18.81	35.82 2.78 0.62	29.28 1.40 0.35
NPX_GEN_CSC 323557	39.68 1.42 0.00	33.43 1.31 0.00	31.11 1.09 0.00	26.38 0.99 0.00	25.95 1.03 0.00	31.09 1.23 0.00	39.42 2.43 0.00	54.03 3.02 0.00	44.06 1.07 0.86	0.24 0.70 39.77	-81.53 1.10 120.48	27.27 1.00 4.60	5.01 1.13 27.90	-10.75 1.14 42.61	23.42 1.32 15.23	27.83 1.40 15.09	34.20 1.16 10.65	38.91 1.21 1.89	63.19 1.54 -17.34	65.07 1.61 -15.72	63.48 1.73 -15.88	60.04 1.67 -19.45	36.08 2.96 0.54	29.16 1.24 0.31
NSINS_S__GLNS_FALLS 23858	40.17 1.91 0.00	33.71 1.60 0.00	31.51 1.49 0.00	26.68 1.29 0.00	26.29 1.36 0.00	31.54 1.68 0.00	39.33 2.33 0.00	54.06 3.05 0.00	46.29 2.44 0.00	41.19 1.88 0.00	39.54 1.69 0.00	32.25 1.39 0.00	33.05 1.28 0.00	31.80 1.07 0.00	38.23 0.91 0.00	42.67 1.16 0.00	44.87 1.18 0.00	41.09 1.50 0.00	46.24 1.94 0.00	49.69 1.95 0.00	47.68 1.81 0.00	40.38 1.45 0.00	34.87 1.21 0.00	29.60 1.37 0.00
NUCOR_STEEL___DRP 24197	38.22 -0.04 0.00	32.11 -0.01 0.00	29.93 -0.09 0.00	25.28 -0.11 0.00	24.78 -0.14 0.00	29.80 -0.06 0.00	36.90 -0.10 0.00	50.78 -0.22 0.00	43.63 -0.21 0.00	39.15 -0.16 0.00	37.62 -0.22 0.00	30.62 -0.24 0.00	31.54 -0.24 0.00	30.37 -0.35 0.00	36.94 -0.39 0.00	41.11 -0.41 0.00	43.22 -0.48 0.00	39.02 -0.57 0.00	43.72 -0.58 0.00	47.30 -0.43 0.00	45.45 -0.43 0.00	38.54 -0.39 0.00	33.26 -0.41 0.00	28.01 -0.22 0.00
NUMBER_THREE_WT_PWR 323818	38.40 0.14 0.00	32.09 -0.02 0.00	29.90 -0.12 0.00	25.35 -0.04 0.00	25.10 0.17 0.00	30.22 0.36 0.00	37.50 0.50 0.00	51.68 0.68 0.00	44.20 0.36 0.00	39.57 0.26 0.00	37.71 -0.14 0.00	30.60 -0.26 0.00	31.70 -0.07 0.00	30.78 0.06 0.00	37.46 0.13 0.00	41.92 0.40 0.00	44.08 0.39 0.00	39.82 0.23 0.00	44.26 -0.04 0.00	48.23 0.49 0.00	46.51 0.63 0.00	39.12 0.19 0.00	33.55 -0.11 0.00	27.81 -0.42 0.00
NYISO_LBMP_REFERENCE 24008	38.26 0.00 0.00	32.12 0.00 0.00	30.02 0.00 0.00	25.39 0.00 0.00	24.93 0.00 0.00	29.86 0.00 0.00	37.00 0.00 0.00	51.01 0.00 0.00	43.85 0.00 0.00	39.31 0.00 0.00	37.85 0.00 0.00	30.86 0.00 0.00	31.77 0.00 0.00	30.72 0.00 0.00	37.33 0.00 0.00	41.52 0.00 0.00	43.70 0.00 0.00	39.59 0.00 0.00	44.30 0.00 0.00	47.74 0.00 0.00	45.87 0.00 0.00	38.93 0.00 0.00	33.67 0.00 0.00	28.23 0.00 0.00

NYPA_BRENTWD____GT 24164	40.47 2.21 0.00	33.86 1.74 0.00	31.53 1.51 0.00	26.69 1.30 0.00	26.23 1.30 0.00	31.45 1.59 0.00	39.61 2.61 0.00	54.28 3.27 0.00	46.13 2.20 -0.08	41.13 1.78 -0.04	31.79 2.31 8.36	36.27 1.94 -3.47	32.76 2.13 1.14	36.66 2.08 -3.87	43.12 2.45 -3.34	46.84 2.60 -2.73	46.12 2.26 -0.17	43.48 2.22 -1.68	64.89 2.28 -18.31	66.42 2.36 -16.33	66.09 2.40 -17.82	61.68 2.51 -20.24	36.26 3.04 0.45	29.74 1.76 0.25
NYPA_GOWANUS____GT5 24156	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
NYPA_GOWANUS____GT6 24157	40.49 2.23 0.00	34.06 1.94 0.00	31.74 1.72 0.00	26.84 1.46 0.00	26.33 1.40 0.00	31.58 1.72 0.00	39.36 2.37 0.00	54.24 3.23 0.00	46.53 2.69 0.00	41.85 2.54 0.00	40.29 2.45 0.00	33.00 2.14 0.00	34.15 2.38 0.00	33.11 2.39 0.00	40.26 2.93 0.00	44.82 3.30 0.00	47.07 3.37 0.00	42.72 3.14 0.00	47.59 3.28 0.00	51.22 3.49 0.00	49.10 3.23 0.00	41.81 2.88 0.00	36.20 2.53 0.00	30.13 1.89 0.00
NYPA_HARLEM_RVR_GT1 24160	40.07 1.82 0.02	33.65 1.55 0.01	31.37 1.36 0.01	26.54 1.17 0.01	26.04 1.12 0.00	31.21 1.36 0.02	38.95 1.97 0.02	53.75 2.75 0.01	46.11 2.26 0.00	41.40 2.09 0.01	39.89 2.04 0.00	32.65 1.79 0.00	33.79 2.02 0.00	32.76 2.04 0.00	39.88 2.56 0.00	44.44 2.92 0.00	46.63 2.94 0.00	42.29 2.71 0.00	47.15 2.85 0.00	50.79 3.05 0.00	48.71 2.84 0.00	41.42 2.49 0.00	35.82 2.15 0.00	29.85 1.62 0.00
NYPA_HARLEM_RVR_GT2 24161	40.07 1.82 0.02	33.65 1.55 0.01	31.37 1.36 0.01	26.54 1.17 0.01	26.04 1.12 0.00	31.21 1.36 0.02	38.95 1.97 0.02	53.75 2.75 0.01	46.11 2.26 0.00	41.40 2.09 0.01	39.89 2.04 0.00	32.65 1.79 0.00	33.79 2.02 0.00	32.76 2.04 0.00	39.88 2.56 0.00	44.44 2.92 0.00	46.63 2.94 0.00	42.29 2.71 0.00	47.15 2.85 0.00	50.79 3.05 0.00	48.71 2.84 0.00	41.42 2.49 0.00	35.82 2.15 0.00	29.85 1.62 0.00
NYPA_KENT____GT 24152	40.43 2.17 0.00	33.99 1.87 0.00	31.68 1.66 0.00	26.81 1.42 0.00	26.29 1.36 0.00	31.51 1.66 0.00	39.30 2.31 0.00	54.19 3.18 0.00	46.50 2.65 0.00	41.75 2.43 0.00	40.22 2.37 0.00	32.93 2.08 0.00	34.09 2.32 0.00	33.05 2.33 0.00	40.20 2.88 0.00	44.77 3.26 0.00	47.04 3.34 0.00	42.66 3.07 0.00	47.53 3.22 0.00	51.13 3.40 0.00	49.03 3.15 0.00	41.73 2.80 0.00	36.13 2.46 0.00	30.08 1.84 0.00
NYPA_POUCH1____GT 24155	40.47 2.21 0.00	34.09 1.97 0.00	31.78 1.76 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.61 1.75 0.00	39.37 2.37 0.00	54.19 3.19 0.00	46.43 2.58 0.00	41.75 2.43 0.00	40.21 2.36 0.00	32.94 2.08 0.00	34.08 2.31 0.00	33.03 2.31 0.00	40.17 2.84 0.00	44.65 3.14 0.00	46.88 3.19 0.01	42.62 3.03 0.00	47.46 3.16 0.00	51.08 3.34 0.00	48.97 3.10 0.00	41.74 2.81 0.00	36.18 2.51 0.00	30.11 1.88 0.00
NYPA_VERNON____GT2 24162	40.35 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.58 0.00	41.67 2.36 0.00	40.17 2.32 0.00	32.87 2.01 0.00	34.01 2.24 0.00	32.98 2.25 0.00	40.12 2.79 0.00	44.71 3.20 0.00	46.98 3.29 0.00	42.60 3.02 0.00	47.48 3.18 0.00	51.08 3.34 0.00	48.97 3.09 0.00	41.65 2.73 0.00	36.03 2.36 0.00	30.00 1.76 0.00
NYPA_VERNON____GT3 24163	40.35 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.58 0.00	41.67 2.36 0.00	40.17 2.32 0.00	32.87 2.01 0.00	34.01 2.24 0.00	32.98 2.25 0.00	40.12 2.79 0.00	44.71 3.20 0.00	46.98 3.29 0.00	42.60 3.02 0.00	47.48 3.18 0.00	51.08 3.34 0.00	48.97 3.09 0.00	41.65 2.73 0.00	36.03 2.36 0.00	30.00 1.76 0.00
NYPA____ASTORIA_CC1 323568	40.30 2.03 0.00	33.83 1.72 0.00	31.56 1.54 0.00	26.73 1.34 0.00	26.20 1.27 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.60 2.29 0.00	40.09 2.25 0.00	32.81 1.95 0.00	33.96 2.19 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.64 3.13 0.00	46.90 3.21 0.00	42.55 2.96 0.00	47.41 3.10 0.00	50.98 3.24 0.00	48.87 3.00 0.00	41.58 2.65 0.00	35.96 2.29 0.00	29.95 1.71 0.00
NYPA____ASTORIA_CC2 323569	40.30 2.03 0.00	33.83 1.72 0.00	31.56 1.54 0.00	26.73 1.34 0.00	26.20 1.27 0.00	31.39 1.53 0.00	39.17 2.17 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.60 2.29 0.00	40.09 2.25 0.00	32.81 1.95 0.00	33.96 2.19 0.00	32.92 2.20 0.00	40.05 2.73 0.00	44.64 3.13 0.00	46.90 3.21 0.00	42.55 2.96 0.00	47.41 3.10 0.00	50.98 3.24 0.00	48.87 3.00 0.00	41.58 2.65 0.00	35.96 2.29 0.00	29.95 1.71 0.00
NYPA____HOLTSVILL 23794	39.94 1.68 0.00	33.53 1.41 0.00	31.22 1.20 0.00	26.46 1.07 0.00	26.02 1.09 0.00	31.17 1.32 0.00	39.33 2.33 0.00	53.91 2.90 0.00	45.38 1.63 0.10	17.79 1.38 22.89	-80.97 1.63 120.45	28.79 1.39 3.45	5.44 1.57 27.90	-10.34 1.55 42.61	23.91 1.82 15.23	31.32 1.99 12.19	40.00 1.83 5.52	41.01 1.80 0.38	63.69 2.10 -17.29	65.68 2.27 -15.67	63.90 2.27 -15.76	60.50 2.17 -19.40	35.97 2.86 0.55	29.43 1.51 0.31
NYPA____HELLGATE_GT1 24158	40.08 1.82 0.00	33.67 1.55 0.00	31.38 1.36 0.00	26.55 1.17 0.00	26.05 1.12 0.00	31.22 1.36 0.00	38.97 1.97 0.00	53.76 2.75 0.00	46.11 2.26 0.00	41.40 2.09 0.01	39.88 2.04 0.00	32.65 1.79 0.00	33.79 2.02 0.00	32.76 2.04 0.00	39.88 2.56 0.00	44.44 2.92 0.00	46.63 2.94 0.00	42.31 2.73 0.00	47.17 2.86 0.00	50.75 3.02 0.00	48.66 2.79 0.00	41.41 2.48 0.00	35.85 2.18 0.00	29.86 1.63 0.00
NYPA____HELLGATE_GT2 24159	40.08 1.82 0.00	33.67 1.55 0.00	31.38 1.36 0.00	26.55 1.17 0.00	26.05 1.12 0.00	31.22 1.36 0.00	38.97 1.97 0.00	53.76 2.75 0.00	46.11 2.26 0.00	41.40 2.09 0.01	39.88 2.04 0.00	32.65 1.79 0.00	33.79 2.02 0.00	32.76 2.04 0.00	39.88 2.56 0.00	44.44 2.92 0.00	46.63 2.94 0.00	42.31 2.73 0.00	47.17 2.86 0.00	50.75 3.02 0.00	48.66 2.79 0.00	41.41 2.48 0.00	35.85 2.18 0.00	29.86 1.63 0.00
NYS_BARGE____HYD 23848	35.71 -2.55 0.00	30.09 -2.02 0.00	28.30 -1.72 0.00	23.93 -1.46 0.00	23.28 -1.64 0.00	27.78 -2.08 0.00	33.92 -3.07 0.00	46.49 -4.52 0.00	40.45 -3.40 0.00	36.59 -2.72 0.00	35.20 -2.65 0.00	28.75 -2.11 0.00	29.59 -2.18 0.00	28.50 -2.22 0.00	34.73 -2.60 0.00	38.38 -3.14 0.00	40.41 -3.28 0.00	35.98 -3.61 0.00	40.12 -4.18 0.00	43.24 -4.50 0.00	41.53 -4.35 0.00	35.44 -3.48 0.00	30.99 -2.69 0.00	25.95 -2.28 0.00

OAK ORCHARD___HYD 24046	36.84 -1.42 0.00	30.98 -1.13 0.00	29.06 -0.96 0.00	24.57 -0.82 0.00	23.98 -0.95 0.00	28.68 -1.18 0.00	35.26 -1.74 0.00	48.50 -2.51 0.00	42.09 -1.75 0.00	37.95 -1.36 0.00	36.48 -1.37 0.00	29.77 -1.09 0.00	30.73 -1.04 0.00	29.67 -1.05 0.00	36.11 -1.22 0.00	40.01 -1.51 0.00	42.06 -1.64 0.00	37.75 -1.83 0.00	42.20 -2.10 0.00	45.50 -2.24 0.00	43.71 -2.16 0.00	37.15 -1.77 0.00	32.27 -1.40 0.00	27.06 -1.17 0.00
OAKDALE___35_KV_LOAD 356122	38.29 0.03 0.00	32.18 0.07 0.00	30.12 0.10 0.00	25.41 0.03 0.00	24.93 0.00 0.00	29.89 0.04 0.00	37.00 0.01 0.00	50.98 -0.03 0.00	43.83 -0.02 0.00	39.29 -0.02 0.00	37.83 -0.02 0.00	30.86 0.00 0.00	31.80 0.03 0.00	30.77 0.04 0.00	37.54 0.21 0.00	41.70 0.19 0.00	43.78 0.09 0.00	39.38 -0.21 0.00	44.21 -0.10 0.00	47.50 -0.24 0.00	45.62 -0.25 0.00	38.62 -0.31 0.00	33.46 -0.20 0.00	27.98 -0.25 0.00
OCC_CHEM___DRP 24175	35.28 -2.97 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.66 -1.73 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.43 -3.56 0.00	45.77 -5.24 0.00	39.85 -3.99 0.00	36.08 -3.23 0.00	34.75 -3.10 0.00	28.38 -2.48 0.00	29.22 -2.55 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.70 0.00	39.89 -3.81 0.00	35.47 -4.12 0.00	39.54 -4.77 0.00	42.57 -5.17 0.00	40.91 -4.97 0.00	34.92 -4.01 0.00	30.54 -3.13 0.00	25.62 -2.61 0.00
OH_GEN_PROXY 24063	35.62 -2.64 0.00	30.02 -2.10 0.00	28.25 -1.78 0.00	23.87 -1.52 0.00	23.22 -1.70 0.00	27.70 -2.16 0.00	33.82 -3.18 0.00	46.37 -4.64 0.00	40.35 -3.49 0.00	36.47 -2.84 0.00	35.11 -2.73 0.00	28.67 -2.19 0.00	29.53 -2.24 0.00	28.43 -2.28 0.00	34.65 -2.68 0.00	38.31 -3.21 0.00	40.32 -3.38 0.00	35.90 -3.69 0.00	40.04 -4.26 0.00	43.12 -4.61 0.00	41.44 -4.43 0.00	35.33 -3.60 0.00	30.86 -2.81 0.00	25.88 -2.35 0.00
OLIN_CORP_DRP 24177	35.25 -3.01 0.00	29.72 -2.40 0.00	27.96 -2.07 0.00	23.63 -1.75 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.45 -3.54 0.00	45.79 -5.22 0.00	39.83 -4.02 0.00	36.07 -3.24 0.00	34.74 -3.11 0.00	28.38 -2.48 0.00	29.20 -2.57 0.00	28.10 -2.62 0.00	34.22 -3.10 0.00	37.80 -3.72 0.00	39.88 -3.81 0.00	35.44 -4.15 0.00	39.49 -4.81 0.00	42.54 -5.19 0.00	40.86 -5.01 0.00	34.92 -4.01 0.00	30.56 -3.11 0.00	25.62 -2.62 0.00
OLIN_CORP_DSASP 323712	35.28 -2.98 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.67 -1.72 0.00	23.00 -1.93 0.00	27.43 -2.44 0.00	33.44 -3.56 0.00	45.78 -5.23 0.00	39.86 -3.99 0.00	36.07 -3.24 0.00	34.73 -3.12 0.00	28.37 -2.49 0.00	29.20 -2.57 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.69 0.00	39.89 -3.81 0.00	35.49 -4.10 0.00	39.54 -4.76 0.00	42.58 -5.15 0.00	40.92 -4.96 0.00	34.94 -3.99 0.00	30.55 -3.12 0.00	25.62 -2.61 0.00
ONEIDA_HERK_LFGE 323681	38.77 0.51 0.00	32.47 0.35 0.00	30.31 0.29 0.00	25.65 0.26 0.00	25.28 0.36 0.00	30.38 0.52 0.00	37.70 0.70 0.00	51.94 0.93 0.00	44.56 0.71 0.00	39.87 0.56 0.00	38.21 0.36 0.00	31.06 0.20 0.00	32.07 0.30 0.00	31.07 0.35 0.00	37.77 0.44 0.00	42.13 0.61 0.00	44.44 0.74 0.00	40.21 0.63 0.00	44.91 0.61 0.00	48.60 0.87 0.00	46.80 0.93 0.00	39.53 0.60 0.00	34.05 0.38 0.00	28.36 0.13 0.00
ONEIDA___115KV_TB4 55905	38.97 0.70 0.00	32.67 0.56 0.00	30.54 0.52 0.00	25.82 0.43 0.00	25.38 0.46 0.00	30.46 0.61 0.00	37.78 0.79 0.00	52.04 1.03 0.00	44.73 0.88 0.00	39.88 0.57 0.00	38.42 0.58 0.00	31.25 0.39 0.00	32.18 0.41 0.00	31.11 0.39 0.00	37.82 0.49 0.00	42.19 0.67 0.00	44.59 0.89 0.00	40.31 0.72 0.00	45.15 0.85 0.00	48.73 1.00 0.00	46.87 1.00 0.00	39.66 0.73 0.00	34.23 0.56 0.00	28.59 0.36 0.00
ONONDAGA_REF_OCCRA 23987	38.03 -0.23 0.00	31.92 -0.19 0.00	29.85 -0.17 0.00	25.23 -0.16 0.00	24.75 -0.18 0.00	29.66 -0.20 0.00	36.72 -0.28 0.00	50.58 -0.43 0.00	43.47 -0.37 0.00	38.95 -0.36 0.00	37.56 -0.29 0.00	30.58 -0.28 0.00	31.43 -0.35 0.00	30.40 -0.33 0.00	36.97 -0.36 0.00	41.08 -0.44 0.00	43.21 -0.49 0.00	39.00 -0.58 0.00	43.70 -0.60 0.00	47.10 -0.64 0.00	45.26 -0.61 0.00	38.36 -0.57 0.00	33.20 -0.46 0.00	27.90 -0.34 0.00
ONONDAGA___COGEN 23986	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.16 -0.23 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.48 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.94 -0.58 0.00	43.05 -0.65 0.00	38.88 -0.71 0.00	43.54 -0.76 0.00	46.95 -0.78 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00
ONTARIO___LFGE 23819	37.85 -0.41 0.00	31.80 -0.32 0.00	29.79 -0.24 0.00	25.14 -0.25 0.00	24.63 -0.30 0.00	29.55 -0.31 0.00	36.55 -0.45 0.00	50.13 -0.87 0.00	43.17 -0.67 0.00	38.93 -0.38 0.00	37.37 -0.48 0.00	30.39 -0.46 0.00	31.36 -0.41 0.00	30.32 -0.41 0.00	37.17 -0.16 0.00	41.31 -0.20 0.00	43.25 -0.44 0.00	38.86 -0.73 0.00	43.57 -0.73 0.00	46.78 -0.95 0.00	44.96 -0.91 0.00	38.06 -0.87 0.00	33.03 -0.64 0.00	27.64 -0.59 0.00
ORANGEVILLE_WT_PWR 323706	36.56 -1.70 0.00	30.70 -1.42 0.00	28.88 -1.14 0.00	24.41 -0.98 0.00	23.82 -1.11 0.00	28.48 -1.38 0.00	34.95 -2.05 0.00	47.99 -3.02 0.00	41.54 -2.31 0.00	37.44 -1.87 0.00	35.86 -1.99 0.00	29.12 -1.74 0.00	30.06 -1.71 0.00	29.15 -1.57 0.00	35.87 -1.46 0.00	39.75 -1.77 0.00	41.55 -2.15 0.00	36.88 -2.71 0.00	41.40 -2.90 0.00	44.39 -3.34 0.00	42.50 -3.37 0.00	36.05 -2.88 0.00	31.40 -2.26 0.00	26.24 -1.99 0.00
ORANGEVILLE___ESR 323794	36.56 -1.70 0.00	30.70 -1.42 0.00	28.88 -1.14 0.00	24.41 -0.98 0.00	23.82 -1.11 0.00	28.48 -1.38 0.00	34.95 -2.05 0.00	47.99 -3.02 0.00	41.54 -2.31 0.00	37.44 -1.87 0.00	35.86 -1.99 0.00	29.12 -1.74 0.00	30.06 -1.71 0.00	29.15 -1.57 0.00	35.87 -1.46 0.00	39.75 -1.77 0.00	41.55 -2.15 0.00	36.88 -2.71 0.00	41.40 -2.90 0.00	44.39 -3.34 0.00	42.50 -3.37 0.00	36.05 -2.88 0.00	31.40 -2.26 0.00	26.24 -1.99 0.00
OSWEGATCHIE___HYD 24044	37.63 -0.62 0.00	31.48 -0.63 0.00	29.38 -0.64 0.00	24.88 -0.51 0.00	24.58 -0.35 0.00	29.55 -0.31 0.00	36.53 -0.47 0.00	50.50 -0.51 0.00	43.28 -0.56 0.00	38.81 -0.51 0.00	37.08 -0.77 0.00	30.06 -0.81 0.00	31.04 -0.74 0.00	30.13 -0.58 0.00	36.72 -0.60 0.00	41.15 -0.36 0.00	43.29 -0.41 0.00	39.04 -0.55 0.00	43.34 -0.97 0.00	47.05 -0.68 0.00	45.42 -0.46 0.00	38.32 -0.61 0.00	33.00 -0.67 0.00	27.51 -0.73 0.00
OSWEGO___5 23606	37.34 -0.92 0.00	31.36 -0.75 0.00	29.32 -0.70 0.00	24.79 -0.60 0.00	24.33 -0.60 0.00	29.14 -0.72 0.00	36.03 -0.96 0.00	49.64 -1.37 0.00	42.69 -1.16 0.00	38.28 -1.03 0.00	36.84 -1.00 0.00	30.03 -0.83 0.00	30.90 -0.87 0.00	29.87 -0.85 0.00	36.28 -1.05 0.00	40.24 -1.28 0.00	42.32 -1.38 0.00	38.26 -1.32 0.00	42.84 -1.47 0.00	46.16 -1.58 0.00	44.37 -1.51 0.00	37.63 -1.30 0.00	32.59 -1.08 0.00	27.44 -0.79 0.00

OSWEGO___6 23613	37.34 -0.92 0.00	31.36 -0.75 0.00	29.32 -0.70 0.00	24.79 -0.60 0.00	24.33 -0.60 0.00	29.14 -0.72 0.00	36.03 -0.96 0.00	49.64 -1.37 0.00	42.69 -1.16 0.00	38.28 -1.03 0.00	36.84 -1.00 0.00	30.03 -0.83 0.00	30.90 -0.87 0.00	29.87 -0.85 0.00	36.28 -1.05 0.00	40.24 -1.28 0.00	42.32 -1.38 0.00	38.26 -1.32 0.00	42.84 -1.47 0.00	46.16 -1.58 0.00	44.37 -1.51 0.00	37.63 -1.30 0.00	32.59 -1.08 0.00	27.44 -0.79 0.00
OUTOKUMPU-AB___DRP 24206	36.04 -2.22 0.00	30.36 -1.75 0.00	28.54 -1.48 0.00	24.12 -1.27 0.00	23.47 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.79 0.00	46.92 -4.08 0.00	40.82 -3.03 0.00	36.92 -2.39 0.00	35.56 -2.29 0.00	29.04 -1.82 0.00	29.91 -1.86 0.00	28.82 -1.90 0.00	35.12 -2.21 0.00	38.80 -2.72 0.00	40.83 -2.86 0.00	36.31 -3.27 0.00	40.54 -3.77 0.00	43.64 -4.09 0.00	41.91 -3.96 0.00	35.74 -3.19 0.00	31.22 -2.45 0.00	26.15 -2.08 0.00
OXBOW___BTM 323836	35.64 -2.62 0.00	30.03 -2.08 0.00	28.24 -1.78 0.00	23.87 -1.52 0.00	23.21 -1.72 0.00	27.70 -2.16 0.00	33.80 -3.20 0.00	46.32 -4.69 0.00	40.32 -3.53 0.00	36.48 -2.83 0.00	35.12 -2.72 0.00	28.69 -2.17 0.00	29.55 -2.23 0.00	28.46 -2.26 0.00	34.68 -2.65 0.00	38.31 -3.21 0.00	40.35 -3.34 0.00	35.90 -3.69 0.00	40.03 -4.28 0.00	43.10 -4.63 0.00	41.41 -4.46 0.00	35.32 -3.60 0.00	30.88 -2.79 0.00	25.88 -2.36 0.00
OXBOW____ 24026	35.64 -2.62 0.00	30.03 -2.09 0.00	28.25 -1.78 0.00	23.86 -1.52 0.00	23.21 -1.72 0.00	27.69 -2.17 0.00	33.80 -3.20 0.00	46.32 -4.68 0.00	40.31 -3.53 0.00	36.49 -2.82 0.00	35.15 -2.70 0.00	28.70 -2.15 0.00	29.56 -2.21 0.00	28.47 -2.25 0.00	34.68 -2.64 0.00	38.31 -3.21 0.00	40.35 -3.35 0.00	35.88 -3.70 0.00	40.02 -4.28 0.00	43.10 -4.64 0.00	41.41 -4.47 0.00	35.31 -3.62 0.00	30.88 -2.79 0.00	25.87 -2.36 0.00
OXY_CHEM_DSASP 323612	35.28 -2.97 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.66 -1.73 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.43 -3.56 0.00	45.77 -5.24 0.00	39.85 -3.99 0.00	36.08 -3.23 0.00	34.75 -3.10 0.00	28.38 -2.48 0.00	29.22 -2.55 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.70 0.00	39.89 -3.81 0.00	35.47 -4.12 0.00	39.54 -4.77 0.00	42.57 -5.17 0.00	40.91 -4.97 0.00	34.92 -4.01 0.00	30.54 -3.13 0.00	25.62 -2.61 0.00
OZONE_PARK_ESR 323760	40.62 2.36 0.00	34.10 1.99 0.00	31.79 1.77 0.00	26.89 1.51 0.00	26.41 1.48 0.00	31.64 1.78 0.00	39.49 2.50 0.00	54.52 3.51 0.00	46.78 2.94 0.00	41.96 2.65 0.00	40.45 2.61 0.00	33.07 2.21 0.00	34.22 2.44 0.00	33.17 2.45 0.00	40.38 3.06 0.00	45.05 3.53 0.00	47.38 3.68 0.00	42.94 3.36 0.00	47.87 3.57 0.00	51.51 3.77 0.00	49.38 3.51 0.00	41.95 3.02 0.00	36.28 2.61 0.00	30.19 1.96 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	35.28 -2.97 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.66 -1.73 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.43 -3.56 0.00	45.77 -5.24 0.00	39.85 -3.99 0.00	36.08 -3.23 0.00	34.75 -3.10 0.00	28.38 -2.48 0.00	29.22 -2.55 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.70 0.00	39.89 -3.81 0.00	35.47 -4.12 0.00	39.54 -4.77 0.00	42.57 -5.17 0.00	40.91 -4.97 0.00	34.92 -4.01 0.00	30.54 -3.13 0.00	25.62 -2.61 0.00
PACKARD___115KV_DUPONT_184 80571	35.28 -2.97 0.00	29.74 -2.38 0.00	27.99 -2.03 0.00	23.66 -1.73 0.00	23.00 -1.92 0.00	27.42 -2.44 0.00	33.43 -3.56 0.00	45.77 -5.24 0.00	39.85 -3.99 0.00	36.08 -3.23 0.00	34.75 -3.10 0.00	28.38 -2.48 0.00	29.22 -2.55 0.00	28.12 -2.60 0.00	34.25 -3.08 0.00	37.82 -3.70 0.00	39.89 -3.81 0.00	35.47 -4.12 0.00	39.54 -4.77 0.00	42.57 -5.17 0.00	40.91 -4.97 0.00	34.92 -4.01 0.00	30.54 -3.13 0.00	25.62 -2.61 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	40.21 1.96 0.00	33.76 1.65 0.00	31.49 1.46 0.00	26.64 1.25 0.00	26.12 1.19 0.00	31.32 1.46 0.00	39.09 2.09 0.00	53.91 2.91 0.00	46.22 2.37 0.00	41.43 2.11 0.00	39.93 2.08 0.00	32.67 1.81 0.00	33.82 2.05 0.00	32.80 2.08 0.00	39.91 2.58 0.00	44.48 2.97 0.00	46.70 3.00 0.00	42.39 2.80 0.00	47.27 2.97 0.00	50.87 3.13 0.00	48.83 2.96 0.00	41.49 2.56 0.00	35.86 2.19 0.00	29.89 1.65 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	40.78 2.52 0.00	34.41 2.30 0.00	32.11 2.09 0.00	27.18 1.79 0.00	26.65 1.72 0.00	32.00 2.14 0.00	39.92 2.92 0.00	55.05 4.04 0.00	47.02 3.17 0.00	42.11 2.80 0.00	40.56 2.71 0.00	33.18 2.32 0.00	34.39 2.61 0.00	33.32 2.60 0.00	40.52 3.20 0.00	45.16 3.65 0.00	47.43 3.73 0.00	43.04 3.45 0.00	48.01 3.71 0.00	51.64 3.91 0.00	49.57 3.70 0.00	42.11 3.19 0.00	36.43 2.76 0.00	30.36 2.13 0.00
PATROON___115KV_TB1 80586	38.99 0.73 0.00	32.83 0.71 0.00	30.66 0.64 0.00	25.94 0.55 0.00	25.49 0.57 0.00	30.50 0.64 0.00	37.84 0.84 0.00	52.04 1.03 0.00	44.65 0.80 0.00	39.95 0.64 0.00	38.52 0.67 0.00	31.51 0.66 0.00	32.46 0.69 0.00	31.48 0.76 0.00	38.16 0.83 0.00	42.58 1.07 0.00	44.91 1.22 0.00	40.79 1.21 0.00	45.80 1.50 0.00	49.33 1.60 0.00	47.35 1.48 0.00	40.19 1.26 0.00	34.69 1.02 0.00	29.00 0.77 0.00
PATTRSNVILLE___SOLAR 323815	40.41 2.15 0.00	33.87 1.76 0.00	31.64 1.62 0.00	26.76 1.37 0.00	26.28 1.36 0.00	31.55 1.69 0.00	39.17 2.17 0.00	53.72 2.71 0.00	45.45 1.60 0.00	40.04 0.73 0.00	38.29 0.45 0.00	31.35 0.49 0.00	32.23 0.46 0.00	31.29 0.57 0.00	38.26 0.93 0.00	42.73 1.21 0.00	45.25 1.55 0.00	41.66 2.08 0.00	46.84 2.54 0.00	50.65 2.91 0.00	48.73 2.86 0.00	41.35 2.42 0.00	35.64 1.98 0.00	29.81 1.57 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	36.40 -1.86 0.00	30.66 -1.46 0.00	28.83 -1.19 0.00	24.33 -1.06 0.00	23.72 -1.20 0.00	28.38 -1.48 0.00	34.74 -2.25 0.00	47.77 -3.24 0.00	41.48 -2.37 0.00	37.40 -1.91 0.00	36.03 -1.82 0.00	29.43 -1.43 0.00	30.36 -1.41 0.00	29.28 -1.44 0.00	35.73 -1.59 0.00	39.49 -2.03 0.00	41.46 -2.23 0.00	36.84 -2.74 0.00	41.22 -3.08 0.00	44.35 -3.39 0.00	42.57 -3.30 0.00	36.17 -2.76 0.00	31.57 -2.10 0.00	26.41 -1.82 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	40.20 1.94 0.00	33.73 1.61 0.00	31.48 1.46 0.00	26.63 1.25 0.00	26.16 1.23 0.00	31.34 1.48 0.00	39.08 2.09 0.00	53.92 2.91 0.00	46.26 2.42 0.00	41.44 2.13 0.00	39.92 2.07 0.00	32.61 1.75 0.00	33.70 1.92 0.00	32.66 1.94 0.00	39.76 2.44 0.00	44.41 2.89 0.00	46.75 3.06 0.00	42.41 2.82 0.00	47.45 3.15 0.00	51.07 3.34 0.00	49.00 3.13 0.00	41.57 2.64 0.00	35.90 2.24 0.00	29.86 1.63 0.00
PEEKSKILL____ 23653	39.80 1.54 0.00	33.41 1.29 0.00	31.18 1.16 0.00	26.36 0.97 0.00	25.89 0.97 0.00	31.04 1.18 0.00	38.70 1.70 0.00	53.38 2.37 0.00	45.75 1.90 0.00	40.98 1.66 0.00	39.51 1.66 0.00	32.29 1.43 0.00	33.39 1.62 0.00	32.36 1.64 0.00	39.40 2.08 0.00	43.97 2.45 0.00	46.27 2.58 0.00	41.92 2.34 0.00	46.87 2.57 0.00	50.43 2.69 0.00	48.38 2.51 0.00	41.07 2.14 0.00	35.49 1.82 0.00	29.56 1.32 0.00

PGE MADISON___WINDPWR 24146	40.54 2.28 0.00	34.02 1.90 0.00	31.88 1.86 0.00	26.78 1.40 0.00	26.31 1.38 0.00	31.73 1.88 0.00	39.28 2.28 0.00	54.00 2.99 0.00	46.42 2.58 0.00	41.52 2.21 0.00	39.74 1.90 0.00	32.20 1.34 0.00	33.05 1.28 0.00	31.89 1.16 0.00	38.98 1.66 0.00	43.27 1.75 0.00	45.47 1.78 0.00	41.29 1.71 0.00	47.51 3.20 0.00	50.97 3.24 0.00	48.88 3.01 0.00	41.25 2.32 0.00	35.05 1.38 0.00	28.73 0.49 0.00
PIERCEFIELD___HYD 23852	37.76 -0.50 0.00	31.60 -0.51 0.00	29.56 -0.46 0.00	25.00 -0.39 0.00	24.64 -0.29 0.00	29.57 -0.29 0.00	36.39 -0.61 0.00	50.45 -0.56 0.00	43.42 -0.43 0.00	38.96 -0.35 0.00	37.36 -0.48 0.00	30.30 -0.55 0.00	31.17 -0.60 0.00	30.19 -0.53 0.00	36.88 -0.44 0.00	41.31 -0.21 0.00	43.53 -0.17 0.00	39.21 -0.38 0.00	43.47 -0.84 0.00	46.99 -0.74 0.00	45.35 -0.52 0.00	38.38 -0.54 0.00	33.19 -0.48 0.00	27.81 -0.43 0.00
PINELAWN_CC_1 323563	40.13 1.88 0.00	33.64 1.52 0.00	31.33 1.31 0.00	26.51 1.13 0.00	26.06 1.13 0.00	31.25 1.39 0.00	39.31 2.32 0.00	53.94 2.94 0.00	45.88 2.03 0.00	40.32 1.75 0.74	37.09 1.94 2.69	36.90 1.65 -4.40	34.29 1.79 -0.72	39.46 1.76 -6.98	44.19 2.11 -4.75	49.63 2.41 -5.70	45.92 2.33 0.10	48.01 2.26 -6.16	68.78 2.51 -21.97	69.76 2.67 -19.36	74.89 2.60 -26.41	65.44 2.44 -24.07	36.47 2.80 0.00	29.88 1.65 0.00
PJM_GEN_HTP_PROXY 323702	39.66 2.01 0.61	33.80 1.69 0.00	31.54 1.52 0.00	26.68 1.30 0.00	26.20 1.28 0.00	31.39 1.53 0.00	39.71 2.17 -0.55	54.02 3.01 0.00	46.36 2.51 0.00	41.57 2.26 0.00	40.09 2.24 0.00	32.77 1.91 0.00	33.91 2.14 0.00	32.88 2.16 0.00	40.01 2.68 0.00	44.63 3.11 0.00	46.92 3.23 0.00	42.54 2.95 0.00	47.43 3.13 0.00	51.03 3.29 0.00	48.90 3.03 0.00	41.54 2.61 0.00	35.92 2.25 0.00	29.91 1.67 0.00
PJM_GEN_KEystone 24065	37.66 0.01 0.61	32.18 0.06 0.00	30.12 0.10 0.00	25.42 0.04 0.00	24.93 0.00 0.00	29.89 0.03 0.00	37.57 0.03 -0.55	51.03 0.02 0.00	43.87 0.02 0.00	39.35 0.04 0.00	37.93 0.08 0.00	31.02 0.16 0.00	32.08 0.31 0.00	31.04 0.32 0.00	37.85 0.53 0.00	42.09 0.57 0.00	44.21 0.52 0.00	39.66 0.07 0.00	44.41 0.11 0.00	47.74 0.00 0.00	45.84 -0.03 0.00	38.87 -0.06 0.00	33.71 0.04 0.00	28.12 -0.11 0.00
PJM_GEN_NEPTUNE_PROXY 323594	39.18 1.53 0.61	33.36 1.24 0.00	31.08 1.06 0.00	26.31 0.92 0.00	25.85 0.93 0.00	30.99 1.13 0.00	39.46 1.91 -0.55	53.42 2.41 0.00	45.61 1.76 0.00	40.88 1.57 0.00	40.60 1.68 -1.08	35.37 1.46 -3.05	33.90 1.65 -0.48	39.20 1.62 -6.86	43.63 1.95 -4.35	44.44 2.23 -0.69	45.87 2.17 -0.01	35.62 2.11 6.07	60.17 2.30 -13.57	63.41 2.43 -13.25	55.34 2.33 -7.13	57.35 2.15 -16.27	35.13 2.40 0.94	29.12 1.42 0.53
PJM_GEN_VFT_PROXY 323633	39.56 1.91 0.61	33.72 1.61 0.00	31.45 1.43 0.00	26.61 1.22 0.00	26.13 1.20 0.00	31.31 1.45 0.00	39.61 2.06 -0.55	53.87 2.86 0.00	46.22 2.38 0.00	41.44 2.13 0.00	39.97 2.12 0.00	32.68 1.82 0.00	33.84 2.06 0.00	32.81 2.09 0.00	39.92 2.59 0.00	44.53 3.01 0.00	46.82 3.13 0.00	42.44 2.85 0.00	47.35 3.05 0.00	50.91 3.18 0.00	48.80 2.93 0.00	41.46 2.54 0.00	35.85 2.18 0.00	29.84 1.61 0.00
PLATSBURG_115KV_PMLD1 355749	38.49 0.23 0.00	32.28 0.17 0.00	30.21 0.19 0.00	25.54 0.15 0.00	25.09 0.16 0.00	30.15 0.29 0.00	37.55 0.56 0.00	52.01 1.01 0.00	44.70 0.86 0.00	40.68 1.37 0.00	39.22 1.37 0.00	31.67 0.81 0.00	32.36 0.59 0.00	31.52 0.80 0.00	37.64 0.32 0.00	41.99 0.47 0.00	44.31 0.61 0.00	40.35 0.77 0.00	44.67 0.36 0.00	48.20 0.47 0.00	46.44 0.56 0.00	39.01 0.09 0.00	33.72 0.05 0.00	28.35 0.11 0.00
PLEASANTVLY___LBMP 24000	39.77 1.50 0.00	33.38 1.26 0.00	31.17 1.15 0.00	26.36 0.97 0.00	25.89 0.97 0.00	31.00 1.14 0.00	38.62 1.62 0.00	53.23 2.22 0.00	45.69 1.85 0.00	40.94 1.63 0.00	39.45 1.60 0.00	32.22 1.36 0.00	33.29 1.51 0.00	32.24 1.52 0.00	39.22 1.90 0.00	43.76 2.24 0.00	46.07 2.37 0.00	41.82 2.23 0.00	46.80 2.50 0.00	50.36 2.62 0.00	48.32 2.45 0.00	41.03 2.10 0.00	35.43 1.76 0.00	29.51 1.28 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	40.05 1.80 0.00	33.63 1.51 0.00	31.38 1.36 0.00	26.55 1.17 0.00	26.08 1.15 0.00	31.23 1.37 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.08 2.24 0.00	41.30 1.99 0.00	39.82 1.97 0.00	32.54 1.68 0.00	33.64 1.87 0.00	32.61 1.88 0.00	39.68 2.35 0.00	44.28 2.76 0.00	46.58 2.88 0.00	42.25 2.66 0.00	47.21 2.91 0.00	50.79 3.05 0.00	48.72 2.84 0.00	41.37 2.44 0.00	35.75 2.08 0.00	29.75 1.52 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	40.05 1.80 0.00	33.63 1.51 0.00	31.38 1.36 0.00	26.55 1.17 0.00	26.08 1.15 0.00	31.23 1.37 0.00	38.95 1.95 0.00	53.73 2.72 0.00	46.08 2.24 0.00	41.30 1.99 0.00	39.82 1.97 0.00	32.54 1.68 0.00	33.64 1.87 0.00	32.61 1.88 0.00	39.68 2.35 0.00	44.28 2.76 0.00	46.58 2.88 0.00	42.25 2.66 0.00	47.21 2.91 0.00	50.79 3.05 0.00	48.72 2.84 0.00	41.37 2.44 0.00	35.75 2.08 0.00	29.75 1.52 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	40.08 1.82 0.00	33.64 1.52 0.00	31.40 1.38 0.00	26.56 1.17 0.00	26.09 1.17 0.00	31.25 1.39 0.00	38.94 1.95 0.00	53.69 2.69 0.00	46.07 2.22 0.00	41.26 1.95 0.00	39.73 1.88 0.00	32.41 1.55 0.00	33.48 1.70 0.00	32.43 1.71 0.00	39.51 2.18 0.00	44.11 2.59 0.00	46.50 2.81 0.00	42.21 2.62 0.00	47.29 2.99 0.00	50.92 3.19 0.00	48.85 2.98 0.00	41.46 2.53 0.00	35.77 2.10 0.00	29.77 1.53 0.00
POLETTI_____ 23519	40.32 2.06 0.00	33.85 1.73 0.00	31.57 1.55 0.00	26.71 1.33 0.00	26.23 1.30 0.00	31.42 1.56 0.00	39.20 2.20 0.00	54.07 3.06 0.00	46.39 2.55 0.00	41.59 2.29 0.00	40.11 2.26 0.00	32.80 1.94 0.00	33.94 2.17 0.00	32.92 2.19 0.00	40.05 2.73 0.00	44.67 3.15 0.00	46.96 3.27 0.00	42.58 3.00 0.00	47.49 3.19 0.00	51.07 3.34 0.00	48.96 3.09 0.00	41.60 2.67 0.00	35.98 2.31 0.00	29.95 1.72 0.00
POMONA___ESR 323819	39.84 1.58 0.00	33.43 1.32 0.00	31.21 1.18 0.00	26.38 0.99 0.00	25.90 0.98 0.00	31.08 1.22 0.00	38.79 1.79 0.00	53.50 2.49 0.00	45.86 2.01 0.00	41.07 1.76 0.00	39.60 1.75 0.00	32.37 1.51 0.00	33.50 1.73 0.00	32.48 1.76 0.00	39.52 2.20 0.00	44.11 2.59 0.00	46.43 2.73 0.00	42.03 2.44 0.00	46.99 2.69 0.00	50.55 2.81 0.00	48.48 2.61 0.00	41.15 2.22 0.00	35.55 1.88 0.00	29.59 1.36 0.00
PORT_JEFF_3 23555	40.10 1.84 0.00	33.65 1.54 0.00	31.33 1.31 0.00	26.55 1.16 0.00	26.11 1.19 0.00	31.29 1.43 0.00	39.48 2.48 0.00	54.13 3.12 0.00	45.65 1.80 0.00	19.63 1.51 21.19	-84.10 1.73 123.68	28.87 1.47 3.46	4.78 1.65 28.65	-11.57 1.62 43.92	23.49 1.91 15.75	31.54 2.12 12.10	40.67 1.94 4.97	41.44 1.87 0.02	63.96 2.27 -17.39	65.88 2.39 -15.75	64.23 2.38 -15.98	60.69 2.26 -19.50	36.12 2.99 0.54	29.54 1.61 0.31

PORT_JEFF_4 23616	40.10 1.84 0.00	33.65 1.54 0.00	31.33 1.31 0.00	26.55 1.16 0.00	26.11 1.19 0.00	31.29 1.43 0.00	39.48 2.48 0.00	54.13 3.12 0.00	45.65 1.80 0.00	19.63 1.51 21.19	-84.10 1.73 123.68	28.87 1.47 3.46	4.78 1.65 28.65	-11.57 1.62 43.92	23.49 1.91 15.75	31.54 2.12 12.10	40.67 1.94 4.97	41.44 1.87 0.02	63.96 2.27 -17.39	65.88 2.39 -15.75	64.23 2.38 -15.98	60.69 2.26 -19.50	36.12 2.99 0.54	29.54 1.61 0.31
PORT_JEFF_IC 23713	40.15 1.89 0.00	33.71 1.59 0.00	31.38 1.35 0.00	26.59 1.20 0.00	26.16 1.23 0.00	31.34 1.48 0.00	39.55 2.55 0.00	54.22 3.21 0.00	45.85 1.87 -0.14	21.81 1.55 19.06	-89.96 1.73 129.54	28.80 1.48 3.54	3.42 1.66 30.01	-13.94 1.63 46.29	22.57 1.93 16.68	31.54 2.14 12.12	41.40 1.96 4.25	41.99 1.86 -0.54	64.18 2.30 -17.57	65.98 2.36 -15.88	64.60 2.37 -16.35	60.81 2.23 -19.66	36.25 3.10 0.52	29.59 1.65 0.30
PPL PILGRIM_ST_GT1 24216	40.47 2.21 0.00	33.86 1.74 0.00	31.53 1.51 0.00	26.69 1.30 0.00	26.23 1.30 0.00	31.45 1.59 0.00	39.61 2.61 0.00	54.28 3.27 0.00	46.13 2.20 -0.08	41.13 1.78 -0.04	31.79 2.31 8.36	36.27 1.94 -3.47	32.76 2.13 1.14	36.66 2.08 -3.87	43.12 2.45 -3.34	46.84 2.60 -2.73	46.12 2.26 -0.17	43.48 2.22 -1.68	64.89 2.28 -18.31	66.42 2.36 -16.33	66.09 2.40 -17.82	61.68 2.51 -20.24	36.26 3.04 0.45	29.74 1.76 0.25
PPL PILGRIM_ST_GT2 24217	40.47 2.21 0.00	33.86 1.74 0.00	31.53 1.51 0.00	26.69 1.30 0.00	26.23 1.30 0.00	31.45 1.59 0.00	39.61 2.61 0.00	54.28 3.27 0.00	46.13 2.20 -0.08	41.13 1.78 -0.04	31.79 2.31 8.36	36.27 1.94 -3.47	32.76 2.13 1.14	36.66 2.08 -3.87	43.12 2.45 -3.34	46.84 2.60 -2.73	46.12 2.26 -0.17	43.48 2.22 -1.68	64.89 2.28 -18.31	66.42 2.36 -16.33	66.09 2.40 -17.82	61.68 2.51 -20.24	36.26 3.04 0.45	29.74 1.76 0.25
PPL_SHRM_GT3 24213	39.69 1.43 0.00	33.43 1.31 0.00	31.11 1.09 0.00	26.38 1.00 0.00	25.96 1.03 0.00	31.10 1.24 0.00	39.43 2.44 0.00	54.04 3.04 0.00	44.45 1.08 0.48	8.59 0.70 31.43	-82.72 1.08 121.65	27.80 1.00 4.06	4.74 1.13 28.16	-11.21 1.14 43.07	23.23 1.31 15.41	29.26 1.41 13.67	36.77 1.18 8.10	39.88 1.24 0.94	63.32 1.58 -17.44	65.20 1.67 -15.79	63.75 1.80 -16.08	60.18 1.72 -19.54	36.10 2.97 0.53	29.18 1.26 0.30
PPL_SHRM_GT4 24214	39.69 1.43 0.00	33.43 1.31 0.00	31.11 1.09 0.00	26.38 1.00 0.00	25.96 1.03 0.00	31.10 1.24 0.00	39.43 2.44 0.00	54.04 3.04 0.00	44.45 1.08 0.48	8.59 0.70 31.43	-82.72 1.08 121.65	27.80 1.00 4.06	4.74 1.13 28.16	-11.21 1.14 43.07	23.23 1.31 15.41	29.26 1.41 13.67	36.77 1.18 8.10	39.88 1.24 0.94	63.32 1.58 -17.44	65.20 1.67 -15.79	63.75 1.80 -16.08	60.18 1.72 -19.54	36.10 2.97 0.53	29.18 1.26 0.30
PROJECT___ORANGE 1 24174	37.81 -0.45 0.00	31.75 -0.37 0.00	29.69 -0.34 0.00	25.09 -0.30 0.00	24.62 -0.31 0.00	29.48 -0.38 0.00	36.50 -0.49 0.00	50.28 -0.73 0.00	43.24 -0.61 0.00	38.77 -0.55 0.00	37.34 -0.51 0.00	30.42 -0.44 0.00	31.30 -0.48 0.00	30.27 -0.45 0.00	36.79 -0.54 0.00	40.85 -0.67 0.00	42.95 -0.75 0.00	38.78 -0.80 0.00	43.42 -0.88 0.00	46.79 -0.94 0.00	44.96 -0.92 0.00	38.12 -0.81 0.00	33.00 -0.67 0.00	27.75 -0.48 0.00
PROJECT___ORANGE 2 24166	37.81 -0.45 0.00	31.75 -0.37 0.00	29.69 -0.34 0.00	25.09 -0.30 0.00	24.62 -0.31 0.00	29.48 -0.38 0.00	36.50 -0.49 0.00	50.28 -0.73 0.00	43.24 -0.61 0.00	38.77 -0.55 0.00	37.34 -0.51 0.00	30.42 -0.44 0.00	31.30 -0.48 0.00	30.27 -0.45 0.00	36.79 -0.54 0.00	40.85 -0.67 0.00	42.95 -0.75 0.00	38.78 -0.80 0.00	43.42 -0.88 0.00	46.79 -0.94 0.00	44.96 -0.92 0.00	38.12 -0.81 0.00	33.00 -0.67 0.00	27.75 -0.48 0.00
PUCKETT___SOLAR 323809	38.77 0.51 0.00	32.62 0.50 0.00	30.52 0.49 0.00	25.70 0.31 0.00	25.21 0.28 0.00	30.29 0.43 0.00	37.50 0.51 0.00	51.65 0.64 0.00	44.35 0.50 0.00	39.67 0.36 0.00	38.10 0.25 0.00	31.03 0.16 0.00	31.87 0.10 0.00	30.77 0.05 0.00	37.61 0.28 0.00	41.82 0.30 0.00	44.19 0.49 0.00	39.91 0.33 0.00	44.99 0.69 0.00	48.19 0.45 0.00	46.23 0.36 0.00	39.17 0.24 0.00	33.83 0.16 0.00	28.15 -0.08 0.00
PYRITES___HYD 24023	38.59 0.33 0.00	32.31 0.19 0.00	30.22 0.20 0.00	25.55 0.16 0.00	25.18 0.26 0.00	30.24 0.38 0.00	37.33 0.33 0.00	51.67 0.67 0.00	44.35 0.50 0.00	39.56 0.25 0.00	37.89 0.04 0.00	30.71 -0.15 0.00	31.59 -0.18 0.00	30.51 -0.21 0.00	37.34 0.01 0.00	42.03 0.51 0.00	44.49 0.80 0.00	40.19 0.60 0.00	44.51 0.20 0.00	48.20 0.47 0.00	46.55 0.68 0.00	39.42 0.49 0.00	34.10 0.43 0.00	28.55 0.32 0.00
QUAKERRD_115KV_BK1 80622	36.24 -2.03 0.00	30.47 -1.65 0.00	28.56 -1.46 0.00	24.14 -1.25 0.00	23.59 -1.34 0.00	28.22 -1.64 0.00	34.74 -2.26 0.00	47.76 -3.25 0.00	41.41 -2.44 0.00	37.32 -1.99 0.00	35.90 -1.95 0.00	29.28 -1.57 0.00	30.25 -1.52 0.00	29.21 -1.52 0.00	35.52 -1.80 0.00	39.38 -2.14 0.00	41.41 -2.28 0.00	37.22 -2.37 0.00	41.61 -2.69 0.00	44.86 -2.88 0.00	43.10 -2.77 0.00	36.60 -2.33 0.00	31.76 -1.91 0.00	26.67 -1.56 0.00
QUEENSBRY_115KV_TB8 356137	40.22 1.96 0.00	33.76 1.65 0.00	31.55 1.53 0.00	26.72 1.33 0.00	26.33 1.41 0.00	31.59 1.74 0.00	39.44 2.44 0.00	54.21 3.20 0.00	46.40 2.55 0.00	41.31 1.99 0.00	39.63 1.78 0.00	32.32 1.46 0.00	33.11 1.33 0.00	31.81 1.09 0.00	38.17 0.84 0.00	42.58 1.07 0.00	44.74 1.04 0.00	40.99 1.41 0.00	46.16 1.85 0.00	49.56 1.83 0.00	47.55 1.68 0.00	40.26 1.33 0.00	34.79 1.12 0.00	29.59 1.35 0.00
RAMAPO___LBMP 323565	39.66 1.40 0.00	33.28 1.17 0.00	31.06 1.04 0.00	26.25 0.87 0.00	25.79 0.87 0.00	30.92 1.06 0.00	38.56 1.57 0.00	53.19 2.18 0.00	45.57 1.73 0.00	40.79 1.49 0.00	39.32 1.47 0.00	32.14 1.28 0.00	33.25 1.48 0.00	32.24 1.52 0.00	39.25 1.93 0.00	43.81 2.29 0.00	46.12 2.42 0.00	41.74 2.16 0.00	46.68 2.38 0.00	50.22 2.49 0.00	48.20 2.33 0.00	40.91 1.98 0.00	35.33 1.67 0.00	29.43 1.19 0.00
RANKINE____ 23646	36.33 -1.93 0.00	30.60 -1.52 0.00	28.80 -1.23 0.00	24.31 -1.08 0.00	23.68 -1.25 0.00	28.29 -1.57 0.00	34.59 -2.41 0.00	47.49 -3.51 0.00	41.28 -2.57 0.00	37.27 -2.04 0.00	35.89 -1.96 0.00	29.29 -1.56 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.57 -1.76 0.00	39.29 -2.23 0.00	41.27 -2.42 0.00	36.68 -2.91 0.00	41.00 -3.30 0.00	44.12 -3.61 0.00	42.33 -3.54 0.00	36.02 -2.90 0.00	31.44 -2.22 0.00	26.32 -1.91 0.00
RAVENSWOOD_GT2_1 24244	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.31 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.04 3.03 0.00	46.36 2.52 0.00	41.57 2.26 0.00	40.08 2.23 0.00	32.78 1.93 0.00	33.92 2.15 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.62 3.10 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.45 3.15 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.93 1.69 0.00

RAVENSWOOD_GT2_2 24245	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.31 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.04 3.03 0.00	46.36 2.52 0.00	41.57 2.26 0.00	40.08 2.23 0.00	32.78 1.93 0.00	33.92 2.15 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.62 3.10 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.45 3.15 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.93 1.69 0.00
RAVENSWOOD_GT2_3 24246	40.33 2.07 0.00	33.85 1.74 0.00	31.57 1.55 0.00	26.71 1.32 0.00	26.22 1.29 0.00	31.41 1.55 0.00	39.19 2.19 0.00	54.07 3.06 0.00	46.39 2.54 0.00	41.60 2.29 0.00	40.10 2.26 0.00	32.79 1.94 0.00	33.94 2.16 0.00	32.89 2.17 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.55 2.96 0.00	47.46 3.16 0.00	51.05 3.32 0.00	48.95 3.08 0.00	41.58 2.65 0.00	35.97 2.30 0.00	29.94 1.71 0.00
RAVENSWOOD_GT2_4 24247	40.33 2.07 0.00	33.85 1.74 0.00	31.57 1.55 0.00	26.71 1.32 0.00	26.22 1.29 0.00	31.41 1.55 0.00	39.19 2.19 0.00	54.07 3.06 0.00	46.39 2.54 0.00	41.60 2.29 0.00	40.10 2.26 0.00	32.79 1.94 0.00	33.94 2.16 0.00	32.89 2.17 0.00	40.03 2.70 0.00	44.64 3.12 0.00	46.93 3.24 0.00	42.55 2.96 0.00	47.46 3.16 0.00	51.05 3.32 0.00	48.95 3.08 0.00	41.58 2.65 0.00	35.97 2.30 0.00	29.94 1.71 0.00
RAVENSWOOD_GT3_1 24248	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.31 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.18 2.18 0.00	54.04 3.03 0.00	46.36 2.52 0.00	41.57 2.27 0.00	40.08 2.23 0.00	32.78 1.93 0.00	33.92 2.15 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.62 3.11 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.45 3.15 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.93 1.69 0.00
RAVENSWOOD_GT3_2 24249	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.31 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.18 2.18 0.00	54.04 3.03 0.00	46.36 2.52 0.00	41.57 2.27 0.00	40.08 2.23 0.00	32.78 1.93 0.00	33.92 2.15 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.62 3.11 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.45 3.15 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.93 1.69 0.00
RAVENSWOOD_GT3_3 24250	40.36 2.10 0.00	33.88 1.77 0.00	31.59 1.57 0.00	26.73 1.34 0.00	26.24 1.31 0.00	31.43 1.57 0.00	39.22 2.23 0.00	54.12 3.11 0.00	46.43 2.59 0.00	41.64 2.33 0.00	40.15 2.30 0.00	32.83 1.97 0.00	33.98 2.20 0.00	32.94 2.22 0.00	40.08 2.75 0.00	44.69 3.17 0.00	46.99 3.30 0.00	42.59 3.01 0.00	47.51 3.21 0.00	51.10 3.37 0.00	49.00 3.12 0.00	41.62 2.69 0.00	36.00 2.34 0.00	29.96 1.73 0.00
RAVENSWOOD_GT3_4 24251	40.36 2.10 0.00	33.88 1.77 0.00	31.59 1.57 0.00	26.73 1.34 0.00	26.24 1.31 0.00	31.43 1.57 0.00	39.22 2.23 0.00	54.12 3.11 0.00	46.43 2.59 0.00	41.64 2.33 0.00	40.15 2.30 0.00	32.83 1.97 0.00	33.98 2.20 0.00	32.94 2.22 0.00	40.08 2.75 0.00	44.69 3.17 0.00	46.99 3.30 0.00	42.59 3.01 0.00	47.51 3.21 0.00	51.10 3.37 0.00	49.00 3.12 0.00	41.62 2.69 0.00	36.00 2.34 0.00	29.96 1.73 0.00
RAVENSWOOD_GT_1 23729	40.36 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.59 0.00	41.67 2.36 0.00	40.16 2.32 0.00	32.86 2.00 0.00	34.01 2.24 0.00	32.97 2.25 0.00	40.12 2.79 0.00	44.71 3.19 0.00	46.98 3.29 0.00	42.61 3.03 0.00	47.49 3.19 0.00	51.08 3.34 0.00	49.00 3.13 0.00	41.66 2.73 0.00	36.03 2.36 0.00	30.00 1.77 0.00
RAVENSWOOD_GT_10 24258	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.03 3.02 0.00	46.36 2.51 0.00	41.57 2.26 0.00	40.08 2.23 0.00	32.77 1.92 0.00	33.92 2.14 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.61 3.09 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.44 3.14 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.92 1.69 0.00
RAVENSWOOD_GT_11 24259	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.03 3.02 0.00	46.36 2.51 0.00	41.57 2.26 0.00	40.08 2.23 0.00	32.77 1.92 0.00	33.92 2.14 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.61 3.09 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.44 3.14 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.92 1.69 0.00
RAVENSWOOD_GT_4 24252	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.68 1.30 0.00	26.20 1.28 0.00	31.39 1.54 0.00	39.16 2.16 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.55 2.25 0.00	40.07 2.23 0.00	32.76 1.91 0.00	33.90 2.13 0.00	32.86 2.14 0.00	39.99 2.66 0.00	44.59 3.08 0.00	46.90 3.20 0.00	42.51 2.92 0.00	47.42 3.12 0.00	51.01 3.28 0.00	48.92 3.04 0.00	41.55 2.62 0.00	35.94 2.27 0.00	29.92 1.68 0.00
RAVENSWOOD_GT_5 24254	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.68 1.30 0.00	26.20 1.28 0.00	31.39 1.54 0.00	39.16 2.16 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.55 2.25 0.00	40.07 2.23 0.00	32.76 1.91 0.00	33.90 2.13 0.00	32.86 2.14 0.00	39.99 2.66 0.00	44.59 3.08 0.00	46.90 3.20 0.00	42.51 2.92 0.00	47.42 3.12 0.00	51.01 3.28 0.00	48.92 3.04 0.00	41.55 2.62 0.00	35.94 2.27 0.00	29.92 1.68 0.00
RAVENSWOOD_GT_6 24253	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.68 1.30 0.00	26.20 1.28 0.00	31.39 1.54 0.00	39.16 2.16 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.55 2.25 0.00	40.07 2.23 0.00	32.76 1.91 0.00	33.90 2.13 0.00	32.86 2.14 0.00	39.99 2.66 0.00	44.59 3.08 0.00	46.90 3.20 0.00	42.51 2.92 0.00	47.42 3.12 0.00	51.01 3.28 0.00	48.92 3.04 0.00	41.55 2.62 0.00	35.94 2.27 0.00	29.92 1.68 0.00
RAVENSWOOD_GT_7 24255	40.30 2.04 0.00	33.83 1.72 0.00	31.54 1.52 0.00	26.68 1.30 0.00	26.20 1.28 0.00	31.39 1.54 0.00	39.16 2.16 0.00	54.02 3.01 0.00	46.35 2.50 0.00	41.55 2.25 0.00	40.07 2.23 0.00	32.76 1.91 0.00	33.90 2.13 0.00	32.86 2.14 0.00	39.99 2.66 0.00	44.59 3.08 0.00	46.90 3.20 0.00	42.51 2.92 0.00	47.42 3.12 0.00	51.01 3.28 0.00	48.92 3.04 0.00	41.55 2.62 0.00	35.94 2.27 0.00	29.92 1.68 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.03 3.02 0.00	46.36 2.51 0.00	41.57 2.26 0.00	40.08 2.23 0.00	32.77 1.92 0.00	33.92 2.14 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.61 3.09 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.44 3.14 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.92 1.69 0.00

RAVENSWOOD_GT_9 24257	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.54 0.00	39.17 2.18 0.00	54.03 3.02 0.00	46.36 2.51 0.00	41.57 2.26 0.00	40.08 2.23 0.00	32.77 1.92 0.00	33.92 2.14 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.61 3.09 0.00	46.91 3.21 0.00	42.53 2.94 0.00	47.44 3.14 0.00	51.02 3.29 0.00	48.92 3.05 0.00	41.56 2.64 0.00	35.95 2.28 0.00	29.92 1.69 0.00
RAVENSWOOD___1 23533	40.35 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.58 0.00	41.66 2.35 0.00	40.14 2.29 0.00	32.85 1.99 0.00	34.01 2.24 0.00	32.98 2.25 0.00	40.12 2.79 0.00	44.71 3.20 0.00	46.98 3.29 0.00	42.60 3.02 0.00	47.48 3.18 0.00	51.06 3.33 0.00	48.94 3.07 0.00	41.63 2.70 0.00	36.00 2.34 0.00	29.97 1.74 0.00
RAVENSWOOD___2 23534	40.35 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.58 0.00	41.66 2.35 0.00	40.14 2.29 0.00	32.85 1.99 0.00	34.01 2.24 0.00	32.98 2.25 0.00	40.12 2.79 0.00	44.71 3.20 0.00	46.98 3.29 0.00	42.60 3.02 0.00	47.48 3.18 0.00	51.06 3.33 0.00	48.94 3.07 0.00	41.63 2.70 0.00	36.00 2.34 0.00	29.97 1.74 0.00
RAVENSWOOD___3 23535	40.31 2.05 0.00	33.84 1.72 0.00	31.54 1.52 0.00	26.69 1.30 0.00	26.21 1.28 0.00	31.39 1.53 0.00	39.18 2.18 0.00	54.04 3.03 0.00	46.36 2.52 0.00	41.58 2.27 0.00	40.09 2.24 0.00	32.79 1.93 0.00	33.92 2.15 0.00	32.88 2.16 0.00	40.01 2.69 0.00	44.62 3.11 0.00	46.92 3.22 0.00	42.53 2.94 0.00	47.44 3.14 0.00	51.02 3.28 0.00	48.92 3.05 0.00	41.56 2.63 0.00	35.95 2.28 0.00	29.92 1.69 0.00
RAVENSWOOD___4 23820	40.35 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.58 0.00	41.66 2.35 0.00	40.14 2.29 0.00	32.85 1.99 0.00	34.01 2.24 0.00	32.98 2.25 0.00	40.12 2.79 0.00	44.71 3.20 0.00	46.98 3.29 0.00	42.60 3.02 0.00	47.48 3.18 0.00	51.06 3.33 0.00	48.94 3.07 0.00	41.63 2.70 0.00	36.00 2.34 0.00	29.97 1.74 0.00
RCPL_TRUST___DRP 24196	40.27 2.01 0.00	33.80 1.69 0.00	31.54 1.52 0.00	26.68 1.30 0.00	26.20 1.28 0.00	31.39 1.54 0.00	39.16 2.17 0.00	54.02 3.01 0.00	46.36 2.51 0.00	41.57 2.26 0.00	40.09 2.24 0.00	32.77 1.91 0.00	33.91 2.14 0.00	32.88 2.15 0.00	40.01 2.68 0.00	44.63 3.12 0.00	46.92 3.23 0.00	42.54 2.96 0.00	47.43 3.13 0.00	51.02 3.29 0.00	48.91 3.03 0.00	41.54 2.61 0.00	35.92 2.25 0.00	29.91 1.68 0.00
RED___ROCHESTER 323720	37.05 -1.21 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.69 -0.70 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.46 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	29.98 -0.88 0.00	30.96 -0.82 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.29 -1.23 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.83 -1.90 0.00	44.04 -1.84 0.00	37.42 -1.51 0.00	32.48 -1.19 0.00	27.23 -1.00 0.00
REGAN___SOLAR 323812	40.82 2.56 0.00	34.20 2.08 0.00	31.94 1.92 0.00	27.00 1.61 0.00	26.54 1.61 0.00	31.87 2.02 0.00	39.61 2.61 0.00	54.34 3.33 0.00	45.64 1.79 0.00	40.13 0.82 0.00	38.58 0.74 0.00	31.39 0.53 0.00	32.35 0.57 0.00	31.39 0.67 0.00	38.43 1.10 0.00	42.80 1.28 0.00	45.62 1.93 0.00	42.11 2.53 0.00	47.36 3.06 0.00	51.27 3.54 0.00	49.33 3.46 0.00	41.87 2.95 0.00	36.05 2.38 0.00	30.13 1.89 0.00
RENSSELAER___COGEN 23796	38.80 0.54 0.00	32.66 0.54 0.00	30.53 0.51 0.00	25.82 0.43 0.00	25.38 0.45 0.00	30.36 0.49 0.00	37.65 0.65 0.00	51.76 0.75 0.00	44.41 0.57 0.00	39.75 0.44 0.00	38.32 0.47 0.00	31.33 0.48 0.00	32.27 0.49 0.00	31.28 0.55 0.00	37.91 0.58 0.00	42.29 0.77 0.00	44.59 0.89 0.00	40.51 0.93 0.00	45.51 1.20 0.00	49.03 1.30 0.00	47.05 1.18 0.00	39.96 1.03 0.00	34.49 0.82 0.00	28.85 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	41.75 3.49 0.00	35.08 2.97 0.00	32.81 2.79 0.00	27.83 2.44 0.00	27.57 2.65 0.00	33.06 3.20 0.00	41.58 4.58 0.00	56.87 5.86 0.00	48.58 4.74 0.00	43.20 3.89 0.00	41.14 3.29 0.00	33.26 2.40 0.00	34.12 2.35 0.00	32.93 2.21 0.00	39.42 2.10 0.00	44.20 2.68 0.00	46.55 2.85 0.00	43.06 3.48 0.00	48.62 4.32 0.00	51.72 3.98 0.00	49.47 3.59 0.00	41.88 2.95 0.00	36.21 2.54 0.00	30.71 2.48 0.00
REVERE_CPPR_DRP 24186	39.29 1.03 0.00	32.91 0.80 0.00	30.75 0.73 0.00	25.99 0.60 0.00	25.58 0.65 0.00	30.74 0.88 0.00	38.15 1.15 0.00	52.54 1.53 0.00	45.15 1.31 0.00	40.31 1.00 0.00	38.73 0.88 0.00	31.50 0.64 0.00	32.47 0.70 0.00	31.42 0.70 0.00	38.17 0.84 0.00	42.56 1.04 0.00	45.07 1.38 0.00	40.76 1.18 0.00	45.55 1.25 0.00	49.21 1.48 0.00	47.36 1.49 0.00	40.05 1.12 0.00	34.53 0.86 0.00	28.81 0.57 0.00
REYNOLDS_115KV_TB3 80639	39.12 0.86 0.00	32.90 0.78 0.00	30.75 0.73 0.00	26.01 0.62 0.00	25.57 0.64 0.00	30.59 0.73 0.00	37.92 0.93 0.00	52.19 1.18 0.00	44.78 0.93 0.00	40.08 0.77 0.00	38.64 0.80 0.00	31.56 0.70 0.00	32.51 0.73 0.00	31.49 0.77 0.00	38.19 0.86 0.00	42.61 1.10 0.00	44.93 1.23 0.00	40.84 1.26 0.00	45.88 1.58 0.00	49.43 1.69 0.00	47.44 1.57 0.00	40.29 1.36 0.00	34.75 1.08 0.00	29.05 0.82 0.00
RIVERBAY____ 323610	40.78 2.52 0.00	34.41 2.30 0.00	32.11 2.09 0.00	27.18 1.79 0.00	26.65 1.72 0.00	32.00 2.14 0.00	39.92 2.92 0.00	55.05 4.04 0.00	47.02 3.17 0.00	42.11 2.80 0.00	40.56 2.71 0.00	33.18 2.32 0.00	34.39 2.61 0.00	33.32 2.60 0.00	40.52 3.20 0.00	45.16 3.65 0.00	47.43 3.73 0.00	43.04 3.45 0.00	48.01 3.71 0.00	51.64 3.91 0.00	49.57 3.70 0.00	42.11 3.19 0.00	36.43 2.76 0.00	30.36 2.13 0.00
RIVERSDE_115KV_TB3 55908	38.98 0.72 0.00	32.79 0.68 0.00	30.66 0.63 0.00	25.93 0.54 0.00	25.49 0.56 0.00	30.49 0.63 0.00	37.81 0.81 0.00	52.00 0.99 0.00	44.62 0.77 0.00	39.94 0.63 0.00	38.50 0.66 0.00	31.47 0.62 0.00	32.43 0.65 0.00	31.42 0.70 0.00	38.10 0.78 0.00	42.51 0.99 0.00	44.81 1.11 0.00	40.73 1.14 0.00	45.74 1.44 0.00	49.28 1.54 0.00	47.29 1.42 0.00	40.15 1.23 0.00	34.66 0.99 0.00	28.98 0.74 0.00
ROARING___BROOK_WT_PWR 323790	38.10 -0.16 0.00	31.89 -0.22 0.00	29.77 -0.25 0.00	25.26 -0.12 0.00	24.84 -0.09 0.00	29.77 -0.09 0.00	36.87 -0.13 0.00	50.95 -0.06 0.00	43.84 -0.01 0.00	39.34 0.03 0.00	37.79 -0.06 0.00	30.82 -0.04 0.00	31.71 -0.06 0.00	30.59 -0.13 0.00	37.23 -0.09 0.00	41.45 -0.07 0.00	43.64 -0.05 0.00	39.30 -0.28 0.00	44.01 -0.29 0.00	47.57 -0.16 0.00	45.80 -0.07 0.00	38.77 -0.15 0.00	33.41 -0.26 0.00	27.84 -0.39 0.00

ROCHESRG_115KV_T4 355643	36.72 -1.54 0.00	30.88 -1.23 0.00	28.98 -1.05 0.00	24.48 -0.90 0.00	23.91 -1.02 0.00	28.59 -1.27 0.00	35.13 -1.87 0.00	48.31 -2.70 0.00	41.92 -1.92 0.00	37.80 -1.51 0.00	36.36 -1.49 0.00	29.67 -1.19 0.00	30.63 -1.14 0.00	29.57 -1.16 0.00	35.97 -1.35 0.00	39.85 -1.67 0.00	41.91 -1.78 0.00	37.59 -2.00 0.00	42.04 -2.26 0.00	45.31 -2.43 0.00	43.53 -2.35 0.00	37.00 -1.93 0.00	32.14 -1.53 0.00	26.97 -1.26 0.00
ROCHESTER_9_IC 23652	36.89 -1.37 0.00	31.02 -1.09 0.00	29.11 -0.91 0.00	24.59 -0.80 0.00	24.02 -0.91 0.00	28.72 -1.14 0.00	35.31 -1.69 0.00	48.58 -2.43 0.00	42.16 -1.68 0.00	38.03 -1.28 0.00	36.57 -1.28 0.00	29.84 -1.02 0.00	30.81 -0.96 0.00	29.73 -0.98 0.00	36.18 -1.14 0.00	40.08 -1.43 0.00	42.15 -1.55 0.00	37.82 -1.77 0.00	42.27 -2.03 0.00	45.58 -2.15 0.00	43.80 -2.07 0.00	37.21 -1.72 0.00	32.32 -1.35 0.00	27.11 -1.13 0.00
ROCKVIEW_13_KV_LD 356306	40.26 2.00 0.00	33.78 1.66 0.00	31.53 1.50 0.00	26.67 1.29 0.00	26.19 1.27 0.00	31.38 1.52 0.00	39.15 2.15 0.00	53.99 2.98 0.00	46.31 2.46 0.00	41.53 2.23 0.00	40.05 2.20 0.00	32.74 1.88 0.00	33.86 2.09 0.00	32.82 2.10 0.00	39.94 2.61 0.00	44.55 3.03 0.00	46.86 3.16 0.00	42.49 2.90 0.00	47.45 3.15 0.00	51.03 3.30 0.00	48.95 3.08 0.00	41.57 2.64 0.00	35.95 2.28 0.00	29.90 1.67 0.00
ROME____115KV_TB2 80656	39.29 1.03 0.00	32.91 0.80 0.00	30.75 0.73 0.00	25.99 0.60 0.00	25.58 0.65 0.00	30.74 0.88 0.00	38.15 1.15 0.00	52.54 1.53 0.00	45.15 1.31 0.00	40.31 1.00 0.00	38.73 0.88 0.00	31.50 0.64 0.00	32.47 0.70 0.00	31.42 0.70 0.00	38.17 0.84 0.00	42.56 1.04 0.00	45.07 1.38 0.00	40.76 1.18 0.00	45.55 1.25 0.00	49.21 1.48 0.00	47.36 1.49 0.00	40.05 1.12 0.00	34.53 0.86 0.00	28.81 0.57 0.00
ROSETON___1 23587	39.69 1.43 0.00	33.32 1.20 0.00	31.11 1.09 0.00	26.31 0.92 0.00	25.84 0.92 0.00	30.96 1.10 0.00	38.55 1.55 0.00	53.15 2.14 0.00	45.60 1.75 0.00	40.85 1.54 0.00	39.37 1.52 0.00	32.16 1.30 0.00	33.23 1.45 0.00	32.19 1.47 0.00	39.17 1.84 0.00	43.70 2.18 0.00	45.99 2.30 0.00	41.71 2.12 0.00	46.68 2.38 0.00	50.24 2.50 0.00	48.19 2.32 0.00	40.92 1.99 0.00	35.35 1.68 0.00	29.46 1.22 0.00
ROSETON___2 23588	39.69 1.43 0.00	33.32 1.20 0.00	31.11 1.09 0.00	26.31 0.92 0.00	25.84 0.92 0.00	30.96 1.10 0.00	38.55 1.55 0.00	53.15 2.14 0.00	45.60 1.75 0.00	40.85 1.54 0.00	39.37 1.52 0.00	32.16 1.30 0.00	33.23 1.45 0.00	32.19 1.47 0.00	39.17 1.84 0.00	43.70 2.18 0.00	45.99 2.30 0.00	41.71 2.12 0.00	46.68 2.38 0.00	50.24 2.50 0.00	48.19 2.32 0.00	40.92 1.99 0.00	35.35 1.68 0.00	29.46 1.22 0.00
ROTRDAM_115KV_TB3 80664	39.36 1.10 0.00	33.03 0.91 0.00	30.87 0.85 0.00	26.10 0.72 0.00	25.64 0.71 0.00	30.72 0.86 0.00	38.14 1.15 0.00	52.51 1.50 0.00	45.01 1.17 0.00	40.22 0.91 0.00	38.70 0.85 0.00	31.58 0.73 0.00	32.53 0.75 0.00	31.46 0.74 0.00	38.23 0.91 0.00	42.61 1.10 0.00	44.89 1.19 0.00	40.84 1.25 0.00	45.81 1.51 0.00	49.36 1.62 0.00	47.39 1.52 0.00	40.23 1.30 0.00	34.73 1.06 0.00	29.09 0.85 0.00
RUSSELL___1 23602	37.04 -1.22 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.68 -0.71 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.47 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	30.00 -0.87 0.00	30.97 -0.81 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.30 -1.22 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.84 -1.90 0.00	44.03 -1.84 0.00	37.41 -1.52 0.00	32.47 -1.19 0.00	27.23 -1.00 0.00
RUSSELL___2 23532	37.04 -1.22 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.68 -0.71 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.47 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	30.00 -0.87 0.00	30.97 -0.81 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.30 -1.22 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.84 -1.90 0.00	44.03 -1.84 0.00	37.41 -1.52 0.00	32.47 -1.19 0.00	27.23 -1.00 0.00
RUSSELL___3 23549	37.04 -1.22 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.68 -0.71 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.47 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	30.00 -0.87 0.00	30.97 -0.81 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.30 -1.22 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.84 -1.90 0.00	44.03 -1.84 0.00	37.41 -1.52 0.00	32.47 -1.19 0.00	27.23 -1.00 0.00
RUSSELL___4 23556	37.04 -1.22 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.68 -0.71 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.47 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	30.00 -0.87 0.00	30.97 -0.81 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.30 -1.22 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.84 -1.90 0.00	44.03 -1.84 0.00	37.41 -1.52 0.00	32.47 -1.19 0.00	27.23 -1.00 0.00
RUSSELL__STATION 23914	37.04 -1.22 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.68 -0.71 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.47 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	30.00 -0.87 0.00	30.97 -0.81 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.30 -1.22 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.84 -1.90 0.00	44.03 -1.84 0.00	37.41 -1.52 0.00	32.47 -1.19 0.00	27.23 -1.00 0.00
S SALMON__HYD 24043	37.68 -0.58 0.00	31.57 -0.54 0.00	29.49 -0.54 0.00	24.95 -0.44 0.00	24.57 -0.36 0.00	29.48 -0.38 0.00	36.50 -0.49 0.00	50.32 -0.69 0.00	43.11 -0.73 0.00	38.69 -0.62 0.00	37.12 -0.73 0.00	30.16 -0.70 0.00	31.08 -0.69 0.00	30.19 -0.53 0.00	36.65 -0.68 0.00	40.80 -0.72 0.00	42.78 -0.92 0.00	38.61 -0.98 0.00	43.13 -1.17 0.00	46.72 -1.02 0.00	45.06 -0.81 0.00	38.15 -0.78 0.00	32.90 -0.77 0.00	27.57 -0.67 0.00
S.PERRY__115KV_TB1 80734	38.00 -0.26 0.00	31.88 -0.24 0.00	29.92 -0.10 0.00	25.24 -0.15 0.00	24.66 -0.27 0.00	29.59 -0.27 0.00	36.54 -0.45 0.00	50.27 -0.74 0.00	43.39 -0.46 0.00	38.85 -0.46 0.00	37.14 -0.71 0.00	30.18 -0.68 0.00	31.22 -0.55 0.00	30.34 -0.38 0.00	37.22 -0.10 0.00	41.39 -0.12 0.00	43.35 -0.34 0.00	38.74 -0.84 0.00	43.51 -0.79 0.00	46.84 -0.90 0.00	44.91 -0.96 0.00	38.08 -0.85 0.00	32.98 -0.69 0.00	27.56 -0.67 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	36.00 -2.26 0.00	30.33 -1.79 0.00	28.54 -1.48 0.00	24.10 -1.28 0.00	23.46 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.78 0.00	46.93 -4.07 0.00	40.81 -3.04 0.00	36.89 -2.42 0.00	35.52 -2.33 0.00	29.02 -1.84 0.00	29.90 -1.87 0.00	28.80 -1.92 0.00	35.11 -2.22 0.00	38.80 -2.71 0.00	40.81 -2.89 0.00	36.28 -3.31 0.00	40.51 -3.79 0.00	43.62 -4.11 0.00	41.87 -4.00 0.00	35.68 -3.25 0.00	31.17 -2.50 0.00	26.12 -2.11 0.00

SAWYER___23_KV_LOAD 55526	36.00 -2.26 0.00	30.33 -1.79 0.00	28.54 -1.48 0.00	24.10 -1.28 0.00	23.46 -1.46 0.00	28.00 -1.86 0.00	34.21 -2.78 0.00	46.93 -4.07 0.00	40.81 -3.04 0.00	36.89 -2.42 0.00	35.52 -2.33 0.00	29.02 -1.84 0.00	29.90 -1.87 0.00	28.80 -1.92 0.00	35.11 -2.22 0.00	38.80 -2.71 0.00	40.81 -2.89 0.00	36.28 -3.31 0.00	40.51 -3.79 0.00	43.62 -4.11 0.00	41.87 -4.00 0.00	35.68 -3.25 0.00	31.17 -2.50 0.00	26.12 -2.11 0.00
SELKIRK___I 23801	39.15 0.89 0.00	32.93 0.81 0.00	30.78 0.76 0.00	26.04 0.66 0.00	25.57 0.65 0.00	30.61 0.75 0.00	37.94 0.94 0.00	52.14 1.13 0.00	44.62 0.77 0.00	39.83 0.52 0.00	38.37 0.52 0.00	31.34 0.48 0.00	32.29 0.52 0.00	31.30 0.58 0.00	38.04 0.72 0.00	42.46 0.94 0.00	44.76 1.06 0.00	40.70 1.11 0.00	45.74 1.43 0.00	49.29 1.56 0.00	47.31 1.43 0.00	40.19 1.26 0.00	34.71 1.04 0.00	29.03 0.80 0.00
SELKIRK___II 23799	38.96 0.70 0.00	32.76 0.64 0.00	30.62 0.60 0.00	25.90 0.51 0.00	25.44 0.52 0.00	30.44 0.58 0.00	37.75 0.76 0.00	51.94 0.93 0.00	44.58 0.73 0.00	39.89 0.58 0.00	38.44 0.60 0.00	31.41 0.55 0.00	32.36 0.58 0.00	31.35 0.62 0.00	38.04 0.71 0.00	42.42 0.90 0.00	44.71 1.01 0.00	40.61 1.02 0.00	45.58 1.28 0.00	49.10 1.37 0.00	47.14 1.26 0.00	40.03 1.10 0.00	34.56 0.89 0.00	28.89 0.66 0.00
SENECA OSWGO___HYD 24041	37.46 -0.80 0.00	31.45 -0.66 0.00	29.41 -0.62 0.00	24.86 -0.53 0.00	24.40 -0.53 0.00	29.22 -0.64 0.00	36.14 -0.86 0.00	49.78 -1.23 0.00	42.80 -1.05 0.00	38.37 -0.94 0.00	36.92 -0.93 0.00	30.08 -0.78 0.00	30.94 -0.83 0.00	29.95 -0.77 0.00	36.41 -0.91 0.00	40.36 -1.16 0.00	42.43 -1.27 0.00	38.39 -1.19 0.00	42.97 -1.33 0.00	46.33 -1.41 0.00	44.53 -1.34 0.00	37.77 -1.16 0.00	32.69 -0.98 0.00	27.52 -0.71 0.00
SENECA___115KV_TB3 355854	36.38 -1.88 0.00	30.64 -1.48 0.00	28.83 -1.19 0.00	24.34 -1.05 0.00	23.71 -1.22 0.00	28.33 -1.53 0.00	34.65 -2.35 0.00	47.57 -3.44 0.00	41.34 -2.50 0.00	37.32 -1.99 0.00	35.94 -1.91 0.00	29.34 -1.51 0.00	30.27 -1.51 0.00	29.19 -1.53 0.00	35.62 -1.71 0.00	39.36 -2.17 0.00	41.34 -2.36 0.00	36.74 -2.85 0.00	41.07 -3.23 0.00	44.18 -3.56 0.00	42.41 -3.47 0.00	36.07 -2.86 0.00	31.50 -2.17 0.00	26.37 -1.86 0.00
SENECA___ENERGY 23797	37.67 -0.59 0.00	31.61 -0.50 0.00	29.55 -0.47 0.00	24.96 -0.43 0.00	24.45 -0.47 0.00	29.33 -0.53 0.00	36.31 -0.68 0.00	49.94 -1.07 0.00	42.98 -0.86 0.00	38.68 -0.63 0.00	37.19 -0.65 0.00	30.31 -0.55 0.00	31.23 -0.55 0.00	30.16 -0.55 0.00	36.86 -0.47 0.00	40.90 -0.62 0.00	42.90 -0.79 0.00	38.60 -0.99 0.00	43.25 -1.05 0.00	46.53 -1.21 0.00	44.71 -1.16 0.00	37.87 -1.06 0.00	32.80 -0.87 0.00	27.54 -0.70 0.00
SHOEMAKER___GT 23640	39.46 1.20 0.00	33.12 1.00 0.00	30.92 0.89 0.00	26.15 0.76 0.00	25.67 0.75 0.00	30.76 0.90 0.00	38.29 1.29 0.00	52.78 1.77 0.00	45.25 1.40 0.00	40.47 1.16 0.00	38.99 1.14 0.00	31.83 0.97 0.00	32.87 1.10 0.00	31.83 1.11 0.00	38.76 1.43 0.00	43.26 1.74 0.00	45.54 1.84 0.00	41.33 1.75 0.00	46.30 1.99 0.00	49.87 2.13 0.00	47.87 1.99 0.00	40.62 1.69 0.00	35.08 1.41 0.00	29.25 1.02 0.00
SHOEMAKR_138KV_BK 111 55601	39.45 1.20 0.00	33.11 1.00 0.00	30.91 0.89 0.00	26.15 0.76 0.00	25.68 0.75 0.00	30.76 0.90 0.00	38.29 1.30 0.00	52.78 1.77 0.00	45.27 1.42 0.00	40.49 1.18 0.00	39.01 1.16 0.00	31.86 1.00 0.00	32.90 1.13 0.00	31.87 1.16 0.00	38.80 1.48 0.00	43.31 1.79 0.00	45.58 1.89 0.00	41.35 1.76 0.00	46.30 1.99 0.00	49.87 2.13 0.00	47.86 1.99 0.00	40.62 1.69 0.00	35.08 1.41 0.00	29.25 1.02 0.00
SHOREHAM_IC_1 23715	39.69 1.43 0.00	33.43 1.31 0.00	31.11 1.09 0.00	26.38 1.00 0.00	25.96 1.03 0.00	31.10 1.24 0.00	39.43 2.44 0.00	54.04 3.04 0.00	44.45 1.08 0.48	8.59 0.70 31.43	-82.72 1.08 121.65	27.80 1.00 4.06	4.74 1.13 28.16	-11.21 1.14 43.07	23.23 1.31 15.41	29.26 1.41 13.67	36.77 1.18 8.10	39.88 1.24 0.94	63.32 1.58 -17.44	65.20 1.67 -15.79	63.75 1.80 -16.08	60.18 1.72 -19.54	36.10 2.97 0.53	29.18 1.26 0.30
SHOREHAM_IC_2 23716	39.69 1.43 0.00	33.43 1.31 0.00	31.11 1.09 0.00	26.38 1.00 0.00	25.96 1.03 0.00	31.10 1.24 0.00	39.43 2.44 0.00	54.04 3.04 0.00	44.45 1.08 0.48	8.59 0.70 31.43	-82.72 1.08 121.65	27.80 1.00 4.06	4.74 1.13 28.16	-11.21 1.14 43.07	23.23 1.31 15.41	29.26 1.41 13.67	36.77 1.18 8.10	39.88 1.24 0.94	63.32 1.58 -17.44	65.20 1.67 -15.79	63.75 1.80 -16.08	60.18 1.72 -19.54	36.10 2.97 0.53	29.18 1.26 0.30
SISSONVILLE___ 23735	37.76 -0.50 0.00	31.60 -0.51 0.00	29.56 -0.46 0.00	25.00 -0.39 0.00	24.64 -0.29 0.00	29.57 -0.29 0.00	36.39 -0.61 0.00	50.45 -0.56 0.00	43.42 -0.43 0.00	38.96 -0.35 0.00	37.36 -0.48 0.00	30.30 -0.55 0.00	31.17 -0.60 0.00	30.19 -0.53 0.00	36.88 -0.44 0.00	41.31 -0.21 0.00	43.53 -0.17 0.00	39.21 -0.38 0.00	43.47 -0.84 0.00	46.99 -0.74 0.00	45.35 -0.52 0.00	38.38 -0.54 0.00	33.19 -0.48 0.00	27.81 -0.43 0.00
SITHE_IND_GS1 24169	37.11 -1.15 0.00	31.17 -0.95 0.00	29.14 -0.88 0.00	24.63 -0.76 0.00	24.18 -0.75 0.00	28.95 -0.91 0.00	35.77 -1.22 0.00	49.27 -1.74 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.26 0.00	29.82 -1.04 0.00	30.69 -1.09 0.00	29.66 -1.07 0.00	35.99 -1.34 0.00	39.87 -1.65 0.00	41.94 -1.76 0.00	37.93 -1.66 0.00	42.45 -1.85 0.00	45.75 -1.98 0.00	43.95 -1.92 0.00	37.31 -1.62 0.00	32.33 -1.34 0.00	27.27 -0.96 0.00
SITHE_IND_GS2 24170	37.11 -1.15 0.00	31.17 -0.95 0.00	29.14 -0.88 0.00	24.63 -0.76 0.00	24.18 -0.75 0.00	28.95 -0.91 0.00	35.77 -1.22 0.00	49.27 -1.74 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.26 0.00	29.82 -1.04 0.00	30.69 -1.09 0.00	29.66 -1.07 0.00	35.99 -1.34 0.00	39.87 -1.65 0.00	41.94 -1.76 0.00	37.93 -1.66 0.00	42.45 -1.85 0.00	45.75 -1.98 0.00	43.95 -1.92 0.00	37.31 -1.62 0.00	32.33 -1.34 0.00	27.27 -0.96 0.00
SITHE_IND_GS3 24171	37.11 -1.15 0.00	31.17 -0.95 0.00	29.14 -0.88 0.00	24.63 -0.76 0.00	24.18 -0.75 0.00	28.95 -0.91 0.00	35.77 -1.22 0.00	49.27 -1.74 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.26 0.00	29.82 -1.04 0.00	30.69 -1.09 0.00	29.66 -1.07 0.00	35.99 -1.34 0.00	39.87 -1.65 0.00	41.94 -1.76 0.00	37.93 -1.66 0.00	42.45 -1.85 0.00	45.75 -1.98 0.00	43.95 -1.92 0.00	37.31 -1.62 0.00	32.33 -1.34 0.00	27.27 -0.96 0.00
SITHE_IND_GS4 24172	37.11 -1.15 0.00	31.17 -0.95 0.00	29.14 -0.88 0.00	24.63 -0.76 0.00	24.18 -0.75 0.00	28.95 -0.91 0.00	35.77 -1.22 0.00	49.27 -1.74 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.58 -1.26 0.00	29.82 -1.04 0.00	30.69 -1.09 0.00	29.66 -1.07 0.00	35.99 -1.34 0.00	39.87 -1.65 0.00	41.94 -1.76 0.00	37.93 -1.66 0.00	42.45 -1.85 0.00	45.75 -1.98 0.00	43.95 -1.92 0.00	37.31 -1.62 0.00	32.33 -1.34 0.00	27.27 -0.96 0.00

SITHE___BATAVIA 24024	36.84 -1.42 0.00	30.99 -1.12 0.00	29.11 -0.91 0.00	24.60 -0.79 0.00	23.97 -0.96 0.00	28.68 -1.18 0.00	35.18 -1.82 0.00	48.35 -2.66 0.00	42.03 -1.82 0.00	37.92 -1.39 0.00	36.34 -1.51 0.00	29.62 -1.24 0.00	30.59 -1.18 0.00	29.52 -1.21 0.00	35.97 -1.35 0.00	39.82 -1.70 0.00	41.81 -1.89 0.00	37.42 -2.17 0.00	41.86 -2.45 0.00	45.15 -2.59 0.00	43.36 -2.51 0.00	36.90 -2.03 0.00	32.14 -1.53 0.00	26.90 -1.34 0.00
SITHE___INDEPEND 23800	37.11 -1.15 0.00	31.17 -0.95 0.00	29.14 -0.88 0.00	24.63 -0.76 0.00	24.18 -0.75 0.00	28.94 -0.92 0.00	35.77 -1.22 0.00	49.28 -1.73 0.00	42.37 -1.47 0.00	38.01 -1.30 0.00	36.59 -1.26 0.00	29.83 -1.04 0.00	30.69 -1.09 0.00	29.66 -1.07 0.00	35.99 -1.34 0.00	39.87 -1.64 0.00	41.94 -1.76 0.00	37.93 -1.66 0.00	42.45 -1.85 0.00	45.75 -1.98 0.00	43.95 -1.92 0.00	37.31 -1.62 0.00	32.33 -1.34 0.00	27.27 -0.96 0.00
SITHE___MASSENA 23902	38.36 0.10 0.00	32.14 0.03 0.00	30.09 0.06 0.00	25.44 0.05 0.00	25.02 0.10 0.00	30.01 0.15 0.00	37.11 0.11 0.00	51.42 0.41 0.00	44.33 0.49 0.00	39.86 0.55 0.00	38.32 0.47 0.00	31.15 0.29 0.00	32.01 0.24 0.00	30.84 0.11 0.00	37.57 0.24 0.00	41.88 0.37 0.00	44.14 0.45 0.00	40.00 0.42 0.00	44.43 0.13 0.00	47.93 0.19 0.00	46.19 0.31 0.00	39.18 0.25 0.00	33.93 0.26 0.00	28.47 0.24 0.00
SITHE___OGDNSBRG 24021	38.70 0.44 0.00	32.40 0.29 0.00	30.32 0.30 0.00	25.63 0.24 0.00	25.25 0.32 0.00	30.31 0.45 0.00	37.45 0.46 0.00	51.87 0.86 0.00	44.53 0.68 0.00	39.82 0.51 0.00	38.15 0.30 0.00	30.95 0.09 0.00	31.82 0.05 0.00	30.67 -0.05 0.00	37.50 0.17 0.00	42.12 0.60 0.00	44.58 0.88 0.00	40.34 0.76 0.00	44.72 0.41 0.00	48.39 0.66 0.00	46.71 0.84 0.00	39.59 0.66 0.00	34.26 0.59 0.00	28.70 0.47 0.00
SITHE___STERLING 23777	38.96 0.70 0.00	32.67 0.55 0.00	30.54 0.52 0.00	25.82 0.43 0.00	25.38 0.46 0.00	30.47 0.61 0.00	37.78 0.78 0.00	52.04 1.04 0.00	44.73 0.88 0.00	39.88 0.57 0.00	38.42 0.57 0.00	31.25 0.39 0.00	32.18 0.41 0.00	31.11 0.39 0.00	37.82 0.49 0.00	42.19 0.67 0.00	44.59 0.89 0.00	40.31 0.72 0.00	45.16 0.85 0.00	48.73 1.00 0.00	46.87 1.00 0.00	39.66 0.73 0.00	34.23 0.56 0.00	28.60 0.36 0.00
SLEIGHT__34_KV_TB1 80719	37.07 -1.19 0.00	31.15 -0.97 0.00	29.16 -0.86 0.00	24.64 -0.75 0.00	24.10 -0.82 0.00	28.89 -0.96 0.00	35.65 -1.35 0.00	49.08 -1.93 0.00	42.43 -1.42 0.00	38.16 -1.15 0.00	36.73 -1.12 0.00	29.92 -0.94 0.00	30.84 -0.93 0.00	29.79 -0.93 0.00	36.22 -1.11 0.00	40.24 -1.27 0.00	42.35 -1.35 0.00	38.07 -1.51 0.00	42.61 -1.70 0.00	46.02 -1.72 0.00	44.16 -1.71 0.00	37.48 -1.45 0.00	32.49 -1.18 0.00	27.26 -0.97 0.00
SOUTH CAIRO___GT 23612	39.84 1.58 0.00	33.50 1.39 0.00	31.30 1.28 0.00	26.47 1.08 0.00	26.02 1.09 0.00	31.18 1.32 0.00	38.74 1.75 0.00	53.26 2.25 0.00	45.49 1.64 0.00	40.41 1.10 0.00	38.93 1.09 0.00	31.71 0.85 0.00	32.53 0.76 0.00	31.60 0.88 0.00	38.40 1.07 0.00	42.95 1.43 0.00	45.59 1.89 0.00	41.52 1.93 0.00	46.91 2.61 0.00	50.70 2.96 0.00	48.66 2.79 0.00	41.29 2.36 0.00	35.55 1.88 0.00	29.67 1.44 0.00
SOUTH HAMPTN___IC 23720	39.64 1.38 0.00	33.36 1.24 0.00	31.05 1.02 0.00	26.33 0.94 0.00	25.92 0.99 0.00	31.07 1.21 0.00	39.38 2.38 0.00	53.99 2.98 0.00	43.71 1.16 1.30	-9.31 0.78 49.40	-80.71 1.57 120.13	26.58 0.96 5.24	5.07 1.11 27.81	-10.64 1.09 42.46	23.51 1.35 15.17	26.28 1.49 16.73	31.49 1.37 13.58	38.38 1.57 2.78	63.60 1.94 -17.36	65.46 2.00 -15.73	63.80 2.01 -15.91	60.26 1.87 -19.46	36.08 2.96 0.54	29.22 1.30 0.31
SOUTHDOW_115KV_TB1 355954	37.71 -0.55 0.00	31.78 -0.33 0.00	30.07 0.04 0.00	25.39 0.01 0.00	24.78 -0.15 0.00	29.68 -0.18 0.00	36.51 -0.49 0.00	50.21 -0.80 0.00	43.09 -0.76 0.00	38.66 -0.65 0.00	37.43 -0.42 0.00	31.01 0.15 0.00	32.30 0.52 0.00	31.17 0.45 0.00	37.73 0.41 0.00	41.58 0.06 0.00	43.29 -0.40 0.00	37.97 -1.62 0.00	42.85 -1.45 0.00	46.09 -1.64 0.00	44.13 -1.74 0.00	37.35 -1.58 0.00	32.47 -1.19 0.00	27.15 -1.08 0.00
SOUTHOLD_69_KV_BK 2 55809	39.29 1.03 0.00	33.04 0.93 0.00	30.75 0.73 0.00	26.08 0.69 0.00	25.68 0.76 0.00	30.79 0.93 0.00	39.08 2.08 0.00	53.62 2.61 0.00	43.35 0.83 1.33	-10.21 0.51 50.03	-80.44 1.82 120.10	26.23 0.65 5.28	4.76 0.79 27.80	-10.93 0.80 42.45	23.22 1.06 15.16	25.90 1.22 16.83	31.12 1.19 13.77	38.38 1.63 2.83	63.61 1.95 -17.36	65.37 1.90 -15.73	63.65 1.86 -15.92	60.05 1.66 -19.47	35.93 2.80 0.54	29.03 1.11 0.31
SOUTHOLD___IC 23719	39.29 1.03 0.00	33.04 0.92 0.00	30.75 0.73 0.00	26.07 0.68 0.00	25.67 0.74 0.00	30.79 0.93 0.00	39.08 2.08 0.00	53.61 2.60 0.00	43.35 0.83 1.33	-10.22 0.49 50.03	-80.48 1.78 120.10	26.23 0.66 5.28	4.77 0.80 27.80	-10.92 0.80 42.45	23.22 1.06 15.16	25.90 1.21 16.83	31.13 1.20 13.77	38.33 1.58 2.83	63.60 1.94 -17.36	65.36 1.90 -15.73	63.62 1.83 -15.92	60.06 1.66 -19.47	35.87 2.75 0.54	29.01 1.09 0.31
SOUTH_FORK_WT_PWR 323839	38.75 0.49 0.00	32.58 0.46 0.00	30.31 0.29 0.00	25.69 0.31 0.00	25.31 0.38 0.00	30.37 0.51 0.00	38.58 1.58 0.00	52.92 1.91 0.00	42.75 0.21 1.31	-10.45 -0.07 49.69	-80.59 1.68 120.12	25.80 0.20 5.26	4.28 0.32 27.81	-11.40 0.33 42.46	22.72 0.56 15.17	25.41 0.67 16.78	30.70 0.67 13.66	38.04 1.26 2.80	63.22 1.56 -17.36	64.86 1.40 -15.73	63.07 1.28 -15.91	59.56 1.17 -19.46	35.42 2.29 0.54	28.64 0.72 0.31
SPIERFLS_115KV_TB 1 80737	40.07 1.81 0.00	33.63 1.52 0.00	31.43 1.41 0.00	26.60 1.22 0.00	26.21 1.28 0.00	31.44 1.58 0.00	39.20 2.21 0.00	53.90 2.90 0.00	46.14 2.29 0.00	41.10 1.79 0.00	39.45 1.60 0.00	32.19 1.33 0.00	32.97 1.19 0.00	31.69 0.97 0.00	38.05 0.72 0.00	42.40 0.89 0.00	44.57 0.87 0.00	40.77 1.19 0.00	45.87 1.57 0.00	49.32 1.58 0.00	47.32 1.45 0.00	40.09 1.16 0.00	34.64 0.97 0.00	29.48 1.25 0.00
ST LAWRENCE____ 23600	37.93 -0.33 0.00	31.80 -0.32 0.00	29.76 -0.27 0.00	25.16 -0.23 0.00	24.74 -0.18 0.00	29.67 -0.19 0.00	36.71 -0.29 0.00	50.89 -0.12 0.00	43.86 0.02 0.00	39.46 0.15 0.00	37.97 0.12 0.00	30.89 0.03 0.00	31.73 -0.04 0.00	30.61 -0.11 0.00	37.18 -0.15 0.00	41.40 -0.12 0.00	43.61 -0.09 0.00	39.56 -0.02 0.00	43.99 -0.31 0.00	47.44 -0.30 0.00	45.69 -0.18 0.00	38.76 -0.17 0.00	33.57 -0.10 0.00	28.18 -0.05 0.00
STATE_CA_115KV_115_LB 55624	39.00 0.74 0.00	32.83 0.71 0.00	30.67 0.64 0.00	25.94 0.55 0.00	25.49 0.57 0.00	30.50 0.64 0.00	37.84 0.85 0.00	52.05 1.04 0.00	44.65 0.80 0.00	39.95 0.64 0.00	38.53 0.68 0.00	31.52 0.66 0.00	32.46 0.69 0.00	31.48 0.76 0.00	38.16 0.83 0.00	42.59 1.07 0.00	44.92 1.22 0.00	40.81 1.22 0.00	45.81 1.50 0.00	49.34 1.60 0.00	47.35 1.48 0.00	40.20 1.27 0.00	34.69 1.02 0.00	29.00 0.77 0.00

STATE_ST_34_KV_LOAD 55959	38.24 -0.02 0.00	32.12 0.00 0.00	29.95 -0.07 0.00	25.29 -0.10 0.00	24.80 -0.13 0.00	29.82 -0.04 0.00	36.92 -0.07 0.00	50.79 -0.22 0.00	43.65 -0.19 0.00	39.17 -0.14 0.00	37.64 -0.21 0.00	30.62 -0.24 0.00	31.54 -0.24 0.00	30.39 -0.33 0.00	36.99 -0.33 0.00	41.16 -0.35 0.00	43.27 -0.42 0.00	39.05 -0.54 0.00	43.77 -0.54 0.00	47.33 -0.41 0.00	45.47 -0.41 0.00	38.54 -0.39 0.00	33.28 -0.38 0.00	28.01 -0.22 0.00
STATION 5_MISC_HYD 23604	36.89 -1.37 0.00	31.02 -1.09 0.00	29.11 -0.91 0.00	24.60 -0.79 0.00	24.02 -0.91 0.00	28.72 -1.14 0.00	35.32 -1.68 0.00	48.58 -2.43 0.00	42.17 -1.68 0.00	38.02 -1.29 0.00	36.55 -1.29 0.00	29.83 -1.03 0.00	30.80 -0.98 0.00	29.73 -0.98 0.00	36.18 -1.14 0.00	40.09 -1.43 0.00	42.15 -1.55 0.00	37.83 -1.76 0.00	42.28 -2.02 0.00	45.59 -2.15 0.00	43.80 -2.07 0.00	37.21 -1.71 0.00	32.31 -1.36 0.00	27.10 -1.13 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	37.24 -1.02 0.00	31.29 -0.83 0.00	29.33 -0.70 0.00	24.77 -0.62 0.00	24.23 -0.70 0.00	29.02 -0.84 0.00	35.81 -1.18 0.00	49.24 -1.76 0.00	42.59 -1.26 0.00	38.37 -0.94 0.00	36.89 -0.96 0.00	30.05 -0.81 0.00	31.02 -0.76 0.00	29.96 -0.76 0.00	36.54 -0.79 0.00	40.54 -0.98 0.00	42.57 -1.13 0.00	38.25 -1.34 0.00	42.83 -1.48 0.00	46.12 -1.62 0.00	44.31 -1.56 0.00	37.59 -1.34 0.00	32.61 -1.05 0.00	27.34 -0.89 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	36.73 -1.53 0.00	30.89 -1.23 0.00	28.97 -1.06 0.00	24.48 -0.91 0.00	23.91 -1.01 0.00	28.60 -1.26 0.00	35.18 -1.82 0.00	48.38 -2.63 0.00	41.99 -1.86 0.00	37.87 -1.44 0.00	36.41 -1.44 0.00	29.72 -1.14 0.00	30.69 -1.09 0.00	29.62 -1.10 0.00	36.04 -1.29 0.00	39.94 -1.58 0.00	42.00 -1.70 0.00	37.71 -1.88 0.00	42.15 -2.15 0.00	45.43 -2.31 0.00	43.65 -2.23 0.00	37.08 -1.85 0.00	32.20 -1.48 0.00	27.00 -1.23 0.00
STA_56___34_KV_BUS2 355983	36.73 -1.53 0.00	30.89 -1.23 0.00	28.97 -1.06 0.00	24.48 -0.91 0.00	23.91 -1.01 0.00	28.60 -1.26 0.00	35.18 -1.82 0.00	48.38 -2.63 0.00	41.99 -1.86 0.00	37.87 -1.44 0.00	36.41 -1.44 0.00	29.72 -1.14 0.00	30.69 -1.09 0.00	29.62 -1.10 0.00	36.04 -1.29 0.00	39.94 -1.58 0.00	42.00 -1.70 0.00	37.71 -1.88 0.00	42.15 -2.15 0.00	45.43 -2.31 0.00	43.65 -2.23 0.00	37.08 -1.85 0.00	32.20 -1.48 0.00	27.00 -1.23 0.00
STA_67___115KV_BK2 355882	36.82 -1.44 0.00	30.97 -1.15 0.00	29.06 -0.96 0.00	24.55 -0.84 0.00	23.98 -0.95 0.00	28.67 -1.19 0.00	35.24 -1.76 0.00	48.48 -2.53 0.00	42.07 -1.78 0.00	37.93 -1.38 0.00	36.48 -1.37 0.00	29.78 -1.08 0.00	30.74 -1.04 0.00	29.66 -1.06 0.00	36.10 -1.22 0.00	39.99 -1.53 0.00	42.06 -1.64 0.00	37.72 -1.86 0.00	42.19 -2.12 0.00	45.47 -2.27 0.00	43.69 -2.19 0.00	37.12 -1.81 0.00	32.24 -1.42 0.00	27.05 -1.18 0.00
STA_7___115KV_9TRANS 80674	37.04 -1.22 0.00	31.15 -0.97 0.00	29.22 -0.80 0.00	24.68 -0.71 0.00	24.11 -0.82 0.00	28.84 -1.02 0.00	35.47 -1.53 0.00	48.81 -2.20 0.00	42.38 -1.47 0.00	38.21 -1.10 0.00	36.75 -1.10 0.00	30.00 -0.87 0.00	30.97 -0.81 0.00	29.89 -0.83 0.00	36.37 -0.96 0.00	40.30 -1.22 0.00	42.37 -1.33 0.00	38.02 -1.56 0.00	42.52 -1.78 0.00	45.84 -1.90 0.00	44.03 -1.84 0.00	37.41 -1.52 0.00	32.47 -1.19 0.00	27.23 -1.00 0.00
STA_82___115KV_TB1 80780	36.83 -1.43 0.00	30.97 -1.14 0.00	29.06 -0.96 0.00	24.56 -0.83 0.00	23.98 -0.95 0.00	28.67 -1.18 0.00	35.25 -1.75 0.00	48.48 -2.53 0.00	42.08 -1.77 0.00	37.94 -1.37 0.00	36.48 -1.36 0.00	29.78 -1.08 0.00	30.74 -1.04 0.00	29.67 -1.05 0.00	36.10 -1.22 0.00	40.00 -1.52 0.00	42.06 -1.64 0.00	37.73 -1.85 0.00	42.19 -2.12 0.00	45.48 -2.25 0.00	43.71 -2.17 0.00	37.13 -1.80 0.00	32.25 -1.42 0.00	27.06 -1.18 0.00
STEEL___WIND 323596	36.35 -1.91 0.00	30.61 -1.51 0.00	28.81 -1.21 0.00	24.32 -1.06 0.00	23.68 -1.24 0.00	28.29 -1.57 0.00	34.58 -2.42 0.00	47.50 -3.50 0.00	41.31 -2.54 0.00	37.29 -2.02 0.00	35.90 -1.95 0.00	29.29 -1.57 0.00	30.21 -1.56 0.00	29.15 -1.58 0.00	35.59 -1.74 0.00	39.30 -2.21 0.00	41.29 -2.41 0.00	36.74 -2.85 0.00	41.05 -3.25 0.00	44.14 -3.59 0.00	42.36 -3.51 0.00	36.05 -2.87 0.00	31.47 -2.20 0.00	26.34 -1.89 0.00
STEPHTWN_115KV_BK_2 55603	39.11 0.85 0.00	32.93 0.81 0.00	30.73 0.71 0.00	25.99 0.60 0.00	25.58 0.66 0.00	30.70 0.84 0.00	38.05 1.05 0.00	52.26 1.25 0.00	44.90 1.06 0.00	40.14 0.83 0.00	38.66 0.82 0.00	31.61 0.76 0.00	32.56 0.78 0.00	31.57 0.85 0.00	38.35 1.03 0.00	42.75 1.24 0.00	45.14 1.44 0.00	41.00 1.41 0.00	46.16 1.86 0.00	49.69 1.95 0.00	47.57 1.70 0.00	40.44 1.51 0.00	34.81 1.14 0.00	29.10 0.86 0.00
STEUBEN_REC_LFGE 323667	37.55 -0.71 0.00	31.50 -0.61 0.00	29.48 -0.55 0.00	24.74 -0.65 0.00	24.14 -0.79 0.00	29.03 -0.83 0.00	35.93 -1.06 0.00	49.59 -1.42 0.00	42.79 -1.06 0.00	38.51 -0.80 0.00	36.86 -0.99 0.00	29.86 -1.00 0.00	30.89 -0.89 0.00	29.88 -0.85 0.00	37.30 -0.02 0.00	41.39 -0.13 0.00	43.16 -0.53 0.00	38.19 -1.40 0.00	42.84 -1.46 0.00	45.68 -2.06 0.00	43.65 -2.23 0.00	36.84 -2.09 0.00	32.05 -1.61 0.00	26.73 -1.50 0.00
STILLWATER___SOLAR 323814	39.85 1.59 0.00	33.44 1.33 0.00	31.26 1.24 0.00	26.45 1.06 0.00	26.01 1.09 0.00	31.22 1.36 0.00	38.79 1.79 0.00	53.33 2.32 0.00	45.68 1.83 0.00	40.70 1.39 0.00	39.13 1.29 0.00	31.95 1.09 0.00	32.86 1.08 0.00	31.74 1.01 0.00	38.48 1.15 0.00	42.92 1.41 0.00	45.19 1.50 0.00	41.22 1.63 0.00	46.35 2.05 0.00	49.93 2.19 0.00	47.94 2.06 0.00	40.61 1.68 0.00	35.05 1.38 0.00	29.45 1.22 0.00
STONY___BROOK 24151	40.26 2.00 0.00	33.78 1.67 0.00	31.46 1.43 0.00	26.65 1.26 0.00	26.21 1.28 0.00	31.41 1.55 0.00	39.65 2.65 0.00	54.36 3.35 0.00	46.04 2.00 -0.20	22.11 1.68 18.88	-96.34 1.80 135.98	28.59 1.54 3.81	1.96 1.71 31.53	-16.53 1.68 48.93	21.58 1.99 17.73	31.11 2.22 12.62	41.63 2.06 4.12	42.30 1.97 -0.75	64.34 2.41 -17.63	66.18 2.52 -15.92	64.84 2.50 -16.48	60.99 2.36 -19.71	36.24 3.09 0.51	29.63 1.69 0.29
STURGEON_POOL_HYD 23609	39.91 1.64 0.00	33.48 1.36 0.00	31.26 1.23 0.00	26.44 1.05 0.00	25.96 1.03 0.00	31.09 1.23 0.00	38.73 1.73 0.00	53.43 2.42 0.00	45.86 2.02 0.00	41.10 1.78 0.00	39.57 1.72 0.00	32.29 1.43 0.00	33.38 1.60 0.00	32.33 1.61 0.00	39.34 2.02 0.00	43.95 2.43 0.00	46.29 2.60 0.00	41.97 2.39 0.00	46.96 2.65 0.00	50.56 2.82 0.00	48.52 2.65 0.00	41.19 2.26 0.00	35.56 1.89 0.00	29.60 1.36 0.00
ST_LAW_115_BK7_LBMP 345037	37.93 -0.33 0.00	31.79 -0.33 0.00	29.76 -0.27 0.00	25.16 -0.23 0.00	24.74 -0.18 0.00	29.67 -0.19 0.00	36.70 -0.29 0.00	50.89 -0.12 0.00	43.87 0.02 0.00	39.46 0.15 0.00	37.96 0.11 0.00	30.88 0.02 0.00	31.72 -0.05 0.00	30.58 -0.14 0.00	37.17 -0.15 0.00	41.40 -0.12 0.00	43.62 -0.08 0.00	39.57 -0.02 0.00	43.98 -0.32 0.00	47.43 -0.30 0.00	45.69 -0.18 0.00	38.77 -0.15 0.00	33.58 -0.08 0.00	28.19 -0.05 0.00

ST_LAW_115_BK8_LBMP 345038	37.93 -0.33 0.00	31.79 -0.33 0.00	29.76 -0.27 0.00	25.16 -0.23 0.00	24.74 -0.18 0.00	29.67 -0.19 0.00	36.70 -0.29 0.00	50.89 -0.12 0.00	43.87 0.02 0.00	39.46 0.15 0.00	37.96 0.11 0.00	30.88 0.02 0.00	31.72 -0.05 0.00	30.58 -0.14 0.00	37.17 -0.15 0.00	41.40 -0.12 0.00	43.62 -0.08 0.00	39.57 -0.02 0.00	43.98 -0.32 0.00	47.43 -0.30 0.00	45.69 -0.18 0.00	38.77 -0.15 0.00	33.58 -0.08 0.00	28.19 -0.05 0.00
ST_LAW_230_BK5_LBMP 345035	37.93 -0.33 0.00	31.80 -0.32 0.00	29.76 -0.27 0.00	25.16 -0.23 0.00	24.74 -0.18 0.00	29.67 -0.19 0.00	36.71 -0.29 0.00	50.89 -0.12 0.00	43.86 0.02 0.00	39.46 0.15 0.00	37.97 0.12 0.00	30.89 0.03 0.00	31.73 -0.04 0.00	30.61 -0.11 0.00	37.18 -0.15 0.00	41.40 -0.12 0.00	43.61 -0.09 0.00	39.56 -0.02 0.00	43.99 -0.31 0.00	47.44 -0.30 0.00	45.69 -0.18 0.00	38.76 -0.17 0.00	33.57 -0.10 0.00	28.18 -0.05 0.00
ST_LAW_230_BK6_LBMP 345036	37.93 -0.33 0.00	31.80 -0.32 0.00	29.76 -0.27 0.00	25.16 -0.23 0.00	24.74 -0.18 0.00	29.67 -0.19 0.00	36.71 -0.29 0.00	50.89 -0.12 0.00	43.86 0.02 0.00	39.46 0.15 0.00	37.97 0.12 0.00	30.89 0.03 0.00	31.73 -0.04 0.00	30.61 -0.11 0.00	37.18 -0.15 0.00	41.40 -0.12 0.00	43.61 -0.09 0.00	39.56 -0.02 0.00	43.99 -0.31 0.00	47.44 -0.30 0.00	45.69 -0.18 0.00	38.76 -0.17 0.00	33.57 -0.10 0.00	28.18 -0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	39.59 1.33 0.00	33.24 1.12 0.00	31.03 1.00 0.00	26.23 0.84 0.00	25.76 0.84 0.00	30.88 1.02 0.00	38.46 1.47 0.00	53.05 2.04 0.00	45.47 1.63 0.00	40.72 1.41 0.00	39.24 1.40 0.00	32.07 1.21 0.00	33.15 1.37 0.00	32.13 1.41 0.00	39.12 1.79 0.00	43.66 2.14 0.00	45.94 2.24 0.00	41.63 2.05 0.00	46.57 2.27 0.00	50.12 2.38 0.00	48.10 2.23 0.00	40.82 1.89 0.00	35.26 1.59 0.00	29.38 1.14 0.00
SWANROAD_115KV_TB1 355699	35.28 -2.98 0.00	29.74 -2.38 0.00	27.98 -2.05 0.00	23.65 -1.74 0.00	23.02 -1.91 0.00	27.44 -2.42 0.00	33.48 -3.52 0.00	45.84 -5.17 0.00	39.87 -3.98 0.00	36.11 -3.20 0.00	34.77 -3.08 0.00	28.40 -2.46 0.00	29.22 -2.55 0.00	28.13 -2.59 0.00	34.25 -3.08 0.00	37.83 -3.69 0.00	39.91 -3.79 0.00	35.46 -4.13 0.00	39.53 -4.77 0.00	42.58 -5.16 0.00	40.90 -4.97 0.00	34.95 -3.98 0.00	30.59 -3.08 0.00	25.63 -2.60 0.00
SYNERGY___BIOGAS 323694	36.84 -1.42 0.00	30.99 -1.12 0.00	29.11 -0.91 0.00	24.59 -0.80 0.00	23.97 -0.96 0.00	28.68 -1.18 0.00	35.18 -1.82 0.00	48.35 -2.66 0.00	42.02 -1.83 0.00	37.93 -1.38 0.00	36.36 -1.49 0.00	29.63 -1.23 0.00	30.60 -1.17 0.00	29.52 -1.21 0.00	35.97 -1.35 0.00	39.82 -1.70 0.00	41.81 -1.89 0.00	37.42 -2.17 0.00	41.85 -2.45 0.00	45.14 -2.60 0.00	43.36 -2.52 0.00	36.89 -2.04 0.00	32.14 -1.53 0.00	26.89 -1.34 0.00
SYRACUSE___ENERGY_ST1 323597	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.16 -0.23 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.48 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.94 -0.58 0.00	43.05 -0.65 0.00	38.88 -0.71 0.00	43.54 -0.76 0.00	46.95 -0.78 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	37.94 -0.32 0.00	31.85 -0.26 0.00	29.77 -0.25 0.00	25.16 -0.23 0.00	24.69 -0.24 0.00	29.59 -0.27 0.00	36.63 -0.37 0.00	50.46 -0.55 0.00	43.37 -0.48 0.00	38.88 -0.43 0.00	37.42 -0.43 0.00	30.48 -0.38 0.00	31.36 -0.41 0.00	30.33 -0.40 0.00	36.86 -0.47 0.00	40.94 -0.58 0.00	43.05 -0.65 0.00	38.88 -0.71 0.00	43.54 -0.76 0.00	46.95 -0.78 0.00	45.10 -0.77 0.00	38.24 -0.69 0.00	33.11 -0.56 0.00	27.84 -0.39 0.00
SYRACUSE___POWER 24017	37.99 -0.27 0.00	31.89 -0.23 0.00	29.81 -0.21 0.00	25.20 -0.19 0.00	24.72 -0.21 0.00	29.62 -0.24 0.00	36.67 -0.32 0.00	50.53 -0.48 0.00	43.43 -0.42 0.00	38.92 -0.39 0.00	37.51 -0.34 0.00	30.55 -0.31 0.00	31.40 -0.37 0.00	30.37 -0.35 0.00	36.93 -0.40 0.00	41.04 -0.48 0.00	43.15 -0.54 0.00	38.96 -0.63 0.00	43.64 -0.66 0.00	47.04 -0.69 0.00	45.20 -0.68 0.00	38.31 -0.62 0.00	33.16 -0.50 0.00	27.87 -0.36 0.00
TALLMAN___138KV_BK151 55660	39.78 1.51 0.00	33.37 1.26 0.00	31.14 1.12 0.00	26.33 0.94 0.00	25.86 0.93 0.00	31.03 1.17 0.00	38.72 1.72 0.00	53.41 2.40 0.00	45.77 1.92 0.00	40.99 1.68 0.00	39.51 1.66 0.00	32.31 1.45 0.00	33.43 1.66 0.00	32.42 1.70 0.00	39.46 2.14 0.00	44.04 2.52 0.00	46.36 2.66 0.00	41.96 2.37 0.00	46.90 2.60 0.00	50.45 2.72 0.00	48.41 2.53 0.00	41.08 2.15 0.00	35.48 1.81 0.00	29.54 1.30 0.00
TEALLAVE_115KV_TB7 355573	37.80 -0.46 0.00	31.73 -0.38 0.00	29.68 -0.35 0.00	25.08 -0.31 0.00	24.60 -0.32 0.00	29.47 -0.39 0.00	36.48 -0.51 0.00	50.25 -0.75 0.00	43.22 -0.63 0.00	38.75 -0.56 0.00	37.32 -0.53 0.00	30.40 -0.46 0.00	31.27 -0.50 0.00	30.25 -0.47 0.00	36.76 -0.57 0.00	40.82 -0.70 0.00	42.93 -0.77 0.00	38.76 -0.83 0.00	43.40 -0.90 0.00	46.77 -0.96 0.00	44.94 -0.94 0.00	38.10 -0.83 0.00	32.98 -0.68 0.00	27.74 -0.49 0.00
TELGRAPH_34_KV_EAST 80808	36.09 -2.17 0.00	30.40 -1.72 0.00	28.58 -1.44 0.00	24.15 -1.24 0.00	23.52 -1.40 0.00	28.09 -1.77 0.00	34.36 -2.64 0.00	47.14 -3.87 0.00	41.00 -2.85 0.00	37.07 -2.24 0.00	35.65 -2.20 0.00	29.10 -1.76 0.00	29.98 -1.80 0.00	28.88 -1.84 0.00	35.19 -2.14 0.00	38.90 -2.62 0.00	40.93 -2.77 0.00	36.49 -3.10 0.00	40.75 -3.56 0.00	43.92 -3.82 0.00	42.18 -3.69 0.00	35.96 -2.97 0.00	31.40 -2.27 0.00	26.28 -1.95 0.00
TEMPLE___115KV_TB 2 55572	37.81 -0.45 0.00	31.75 -0.37 0.00	29.69 -0.34 0.00	25.09 -0.30 0.00	24.62 -0.31 0.00	29.48 -0.38 0.00	36.50 -0.49 0.00	50.28 -0.73 0.00	43.24 -0.61 0.00	38.77 -0.55 0.00	37.34 -0.51 0.00	30.42 -0.44 0.00	31.30 -0.48 0.00	30.27 -0.45 0.00	36.79 -0.54 0.00	40.85 -0.67 0.00	42.95 -0.75 0.00	38.78 -0.80 0.00	43.42 -0.88 0.00	46.79 -0.94 0.00	44.96 -0.92 0.00	38.12 -0.81 0.00	33.00 -0.67 0.00	27.75 -0.48 0.00
TIANA____69_KV_BK 1 55817	39.75 1.49 0.00	33.44 1.33 0.00	31.13 1.11 0.00	26.40 1.01 0.00	25.99 1.06 0.00	31.14 1.28 0.00	39.46 2.46 0.00	54.11 3.10 0.00	43.77 1.25 1.32	-9.79 0.89 49.99	-80.72 1.53 120.10	26.63 1.05 5.28	5.16 1.20 27.80	-10.54 1.19 42.45	23.60 1.43 15.16	26.27 1.58 16.83	31.38 1.44 13.75	38.38 1.62 2.83	63.62 1.96 -17.36	65.51 2.04 -15.73	63.90 2.11 -15.92	60.34 1.94 -19.46	36.20 3.08 0.54	29.30 1.38 0.31
TILDEN___115KV_TB1 80814	37.99 -0.27 0.00	31.89 -0.23 0.00	29.81 -0.21 0.00	25.20 -0.19 0.00	24.72 -0.21 0.00	29.62 -0.24 0.00	36.67 -0.32 0.00	50.53 -0.48 0.00	43.43 -0.42 0.00	38.92 -0.39 0.00	37.51 -0.34 0.00	30.55 -0.31 0.00	31.40 -0.37 0.00	30.37 -0.35 0.00	36.93 -0.40 0.00	41.04 -0.48 0.00	43.15 -0.54 0.00	38.96 -0.63 0.00	43.64 -0.66 0.00	47.04 -0.69 0.00	45.20 -0.68 0.00	38.31 -0.62 0.00	33.16 -0.50 0.00	27.87 -0.36 0.00

TRIGEN___CC 323695	39.99 1.73 0.00	33.53 1.41 0.00	31.25 1.22 0.00	26.45 1.06 0.00	25.99 1.06 0.00	31.15 1.29 0.00	39.07 2.08 0.00	53.67 2.66 0.00	45.90 2.05 0.00	41.16 1.85 0.00	43.45 1.95 -3.66	42.40 1.66 -9.88	39.25 1.87 -5.61	48.16 1.84 -15.59	49.04 2.24 -9.47	67.40 2.59 -23.29	46.54 2.57 -0.27	80.35 2.44 -38.32	95.11 2.66 -48.15	90.57 2.81 -40.02	131.72 2.69 -83.16	91.46 2.40 -50.13	38.83 2.55 -2.61	31.29 1.57 -1.48
TRINITY___115KV___4 BK 55933	38.86 0.60 0.00	32.70 0.59 0.00	30.57 0.55 0.00	25.86 0.47 0.00	25.42 0.49 0.00	30.40 0.54 0.00	37.69 0.69 0.00	51.84 0.84 0.00	44.48 0.64 0.00	39.81 0.50 0.00	38.38 0.53 0.00	31.39 0.53 0.00	32.33 0.55 0.00	31.34 0.61 0.00	37.97 0.65 0.00	42.38 0.86 0.00	44.67 0.97 0.00	40.60 1.01 0.00	45.59 1.29 0.00	49.11 1.37 0.00	47.14 1.27 0.00	40.02 1.10 0.00	34.55 0.88 0.00	28.89 0.66 0.00
UNION___PROCESSING_DRP 323587	36.85 -1.41 0.00	30.98 -1.13 0.00	29.06 -0.96 0.00	24.56 -0.83 0.00	23.98 -0.94 0.00	28.68 -1.18 0.00	35.26 -1.74 0.00	48.50 -2.51 0.00	42.10 -1.75 0.00	37.96 -1.35 0.00	36.50 -1.35 0.00	29.78 -1.08 0.00	30.74 -1.03 0.00	29.67 -1.05 0.00	36.11 -1.22 0.00	40.00 -1.51 0.00	42.06 -1.64 0.00	37.75 -1.84 0.00	42.21 -2.09 0.00	45.50 -2.24 0.00	43.71 -2.16 0.00	37.14 -1.79 0.00	32.26 -1.40 0.00	27.06 -1.17 0.00
UPPER HUDSON___HYD 24058	40.07 1.81 0.00	33.63 1.52 0.00	31.43 1.41 0.00	26.60 1.22 0.00	26.21 1.28 0.00	31.44 1.58 0.00	39.20 2.21 0.00	53.90 2.90 0.00	46.14 2.29 0.00	41.10 1.79 0.00	39.45 1.61 0.00	32.19 1.33 0.00	32.97 1.20 0.00	31.69 0.97 0.00	38.05 0.72 0.00	42.40 0.88 0.00	44.57 0.87 0.00	40.77 1.19 0.00	45.87 1.57 0.00	49.32 1.58 0.00	47.32 1.45 0.00	40.09 1.16 0.00	34.64 0.97 0.00	29.48 1.25 0.00
UPPER RAQUET___HYD 24056	37.75 -0.51 0.00	31.60 -0.51 0.00	29.56 -0.46 0.00	25.00 -0.39 0.00	24.64 -0.29 0.00	29.57 -0.29 0.00	36.39 -0.61 0.00	50.45 -0.56 0.00	43.42 -0.43 0.00	38.96 -0.35 0.00	37.36 -0.48 0.00	30.30 -0.55 0.00	31.18 -0.59 0.00	30.19 -0.53 0.00	36.88 -0.44 0.00	41.31 -0.21 0.00	43.53 -0.17 0.00	39.21 -0.38 0.00	43.47 -0.84 0.00	46.99 -0.75 0.00	45.35 -0.52 0.00	38.38 -0.54 0.00	33.19 -0.48 0.00	27.81 -0.43 0.00
VALLEY44_115KV_TB2 355964	37.11 -1.15 0.00	31.28 -0.83 0.00	29.41 -0.62 0.00	24.79 -0.60 0.00	24.30 -0.63 0.00	29.14 -0.72 0.00	35.84 -1.16 0.00	49.45 -1.56 0.00	42.72 -1.12 0.00	38.35 -0.96 0.00	36.94 -0.90 0.00	30.29 -0.57 0.00	31.31 -0.46 0.00	30.24 -0.47 0.00	36.93 -0.39 0.00	40.82 -0.70 0.00	42.66 -1.03 0.00	37.78 -1.80 0.00	42.42 -1.88 0.00	45.60 -2.13 0.00	43.76 -2.12 0.00	37.03 -1.90 0.00	32.30 -1.37 0.00	26.94 -1.30 0.00
VALLEY___115KV_TB 1-4 80826	38.11 -0.15 0.00	32.00 -0.11 0.00	29.92 -0.10 0.00	25.29 -0.10 0.00	24.87 -0.05 0.00	29.88 0.02 0.00	37.16 0.16 0.00	50.69 -0.32 0.00	42.64 -1.20 0.00	37.85 -1.46 0.00	36.45 -1.40 0.00	29.73 -1.14 0.00	31.20 -0.58 0.00	30.25 -0.47 0.00	36.77 -0.56 0.00	40.94 -0.58 0.00	43.31 -0.39 0.00	39.58 -0.01 0.00	44.63 0.33 0.00	48.15 0.41 0.00	46.27 0.40 0.00	39.26 0.33 0.00	33.83 0.16 0.00	28.22 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	39.63 1.37 0.00	33.28 1.16 0.00	31.09 1.07 0.00	26.28 0.89 0.00	25.72 0.79 0.00	30.93 1.07 0.00	38.43 1.43 0.00	52.95 1.94 0.00	45.54 1.70 0.00	40.76 1.45 0.00	39.20 1.36 0.00	31.96 1.10 0.00	32.95 1.18 0.00	31.88 1.16 0.00	38.80 1.47 0.00	43.26 1.74 0.00	45.50 1.81 0.00	41.22 1.64 0.00	46.23 1.93 0.00	49.74 2.00 0.00	47.79 1.92 0.00	40.54 1.61 0.00	34.99 1.32 0.00	29.20 0.96 0.00
VISCHER___FERRY HYD 24020	39.32 1.06 0.00	33.01 0.90 0.00	30.86 0.84 0.00	26.10 0.72 0.00	25.67 0.75 0.00	30.75 0.89 0.00	38.14 1.15 0.00	52.49 1.48 0.00	45.02 1.18 0.00	40.24 0.93 0.00	38.76 0.91 0.00	31.61 0.76 0.00	32.56 0.79 0.00	31.54 0.82 0.00	38.29 0.96 0.00	42.73 1.21 0.00	45.02 1.33 0.00	40.99 1.41 0.00	46.07 1.76 0.00	49.65 1.91 0.00	47.64 1.77 0.00	40.43 1.51 0.00	34.85 1.18 0.00	29.16 0.93 0.00
V_A_10_SYNC_DSASP 323832	36.16 -2.10 0.00	30.45 -1.66 0.00	28.62 -1.40 0.00	24.20 -1.19 0.00	23.58 -1.35 0.00	28.15 -1.71 0.00	34.46 -2.54 0.00	47.30 -3.71 0.00	41.11 -2.74 0.00	37.10 -2.21 0.00	35.71 -2.13 0.00	29.17 -1.69 0.00	30.07 -1.70 0.00	28.99 -1.73 0.00	35.30 -2.03 0.00	39.05 -2.47 0.00	41.08 -2.62 0.00	36.67 -2.91 0.00	40.92 -3.38 0.00	44.09 -3.64 0.00	42.36 -3.51 0.00	36.07 -2.86 0.00	31.45 -2.22 0.00	26.38 -1.85 0.00
V_CMM_10_SYNC_DSASP 323787	38.12 -0.14 0.00	31.95 -0.16 0.00	29.90 -0.12 0.00	25.28 -0.11 0.00	24.86 -0.07 0.00	29.81 -0.05 0.00	36.89 -0.11 0.00	51.14 0.13 0.00	44.09 0.25 0.00	39.66 0.35 0.00	38.16 0.31 0.00	31.04 0.18 0.00	31.89 0.11 0.00	30.71 -0.02 0.00	37.37 0.04 0.00	41.62 0.10 0.00	43.84 0.14 0.00	39.77 0.19 0.00	44.20 -0.10 0.00	47.67 -0.07 0.00	45.91 0.04 0.00	38.97 0.04 0.00	33.75 0.09 0.00	28.33 0.10 0.00
V_CMP_10_SYNC_DSASP 323788	38.49 0.23 0.00	32.29 0.17 0.00	30.21 0.19 0.00	25.54 0.15 0.00	25.09 0.16 0.00	30.15 0.29 0.00	37.55 0.56 0.00	52.01 1.00 0.00	44.71 0.86 0.00	40.68 1.37 0.00	39.22 1.37 0.00	31.67 0.81 0.00	32.36 0.59 0.00	31.52 0.80 0.00	37.64 0.32 0.00	41.99 0.47 0.00	44.31 0.61 0.00	40.35 0.76 0.00	44.67 0.37 0.00	48.20 0.47 0.00	46.44 0.56 0.00	39.01 0.09 0.00	33.72 0.05 0.00	28.35 0.11 0.00
V_D_10_SYNC_DSASP 323841	38.36 0.10 0.00	32.14 0.02 0.00	30.08 0.06 0.00	25.43 0.05 0.00	25.02 0.10 0.00	30.00 0.14 0.00	37.10 0.11 0.00	51.42 0.41 0.00	44.33 0.49 0.00	39.86 0.55 0.00	38.32 0.47 0.00	31.15 0.29 0.00	32.01 0.24 0.00	30.84 0.11 0.00	37.57 0.24 0.00	41.88 0.36 0.00	44.14 0.44 0.00	40.00 0.41 0.00	44.43 0.13 0.00	47.92 0.19 0.00	46.19 0.31 0.00	39.18 0.25 0.00	33.93 0.26 0.00	28.47 0.24 0.00
V_E_10_SYNC_DSASP 323830	40.54 2.28 0.00	34.02 1.90 0.00	31.88 1.86 0.00	26.78 1.40 0.00	26.31 1.38 0.00	31.73 1.88 0.00	39.28 2.28 0.00	54.00 2.99 0.00	46.42 2.58 0.00	41.52 2.21 0.00	39.74 1.90 0.00	32.20 1.34 0.00	33.05 1.28 0.00	31.89 1.16 0.00	38.98 1.66 0.00	43.27 1.75 0.00	45.47 1.78 0.00	41.29 1.71 0.00	47.51 3.20 0.00	50.97 3.24 0.00	48.88 3.01 0.00	41.25 2.32 0.00	35.05 1.38 0.00	28.73 0.49 0.00
V_F_30_NSYNC___DSASP 323816	39.91 1.64 0.00	33.49 1.37 0.00	31.30 1.28 0.00	26.48 1.09 0.00	26.04 1.11 0.00	31.26 1.40 0.00	38.84 1.85 0.00	53.41 2.40 0.00	45.75 1.90 0.00	40.79 1.48 0.00	39.23 1.39 0.00	32.02 1.16 0.00	32.93 1.15 0.00	31.82 1.09 0.00	38.57 1.24 0.00	43.01 1.49 0.00	45.28 1.58 0.00	41.28 1.69 0.00	46.41 2.11 0.00	49.99 2.26 0.00	48.00 2.12 0.00	40.65 1.72 0.00	35.09 1.42 0.00	29.49 1.25 0.00

V_F_30_SYNC_DSASP 323786	38.99 0.73 0.00	32.83 0.71 0.00	30.66 0.64 0.00	25.94 0.55 0.00	25.49 0.57 0.00	30.50 0.64 0.00	37.84 0.84 0.00	52.04 1.03 0.00	44.65 0.80 0.00	39.95 0.64 0.00	38.52 0.67 0.00	31.51 0.66 0.00	32.46 0.69 0.00	31.48 0.76 0.00	38.16 0.83 0.00	42.58 1.07 0.00	44.91 1.22 0.00	40.79 1.21 0.00	45.80 1.50 0.00	49.33 1.60 0.00	47.35 1.48 0.00	40.19 1.26 0.00	34.69 1.02 0.00	29.00 0.77 0.00
V_XM_10_SYNC_DSASP 323789	38.49 0.23 0.00	32.29 0.17 0.00	30.21 0.19 0.00	25.54 0.15 0.00	25.09 0.16 0.00	30.15 0.29 0.00	37.55 0.56 0.00	52.01 1.00 0.00	44.71 0.86 0.00	40.68 1.37 0.00	39.22 1.37 0.00	31.67 0.81 0.00	32.36 0.59 0.00	31.52 0.80 0.00	37.64 0.32 0.00	41.99 0.47 0.00	44.31 0.61 0.00	40.35 0.76 0.00	44.67 0.37 0.00	48.20 0.47 0.00	46.44 0.56 0.00	39.01 0.09 0.00	33.72 0.05 0.00	28.35 0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	39.92 1.66 0.00	33.50 1.38 0.00	31.27 1.24 0.00	26.43 1.04 0.00	25.97 1.04 0.00	31.29 1.43 0.00	39.06 2.06 0.00	53.91 2.90 0.00	46.21 2.36 0.00	41.39 2.08 0.00	39.91 2.06 0.00	32.63 1.77 0.00	33.76 1.99 0.00	32.73 2.01 0.00	39.60 2.28 0.00	44.20 2.68 0.00	46.52 2.82 0.00	42.11 2.53 0.00	47.08 2.78 0.00	50.65 2.91 0.00	48.60 2.72 0.00	41.23 2.31 0.00	35.61 1.94 0.00	29.64 1.41 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	40.35 2.09 0.00	33.87 1.75 0.00	31.59 1.57 0.00	26.73 1.35 0.00	26.24 1.32 0.00	31.45 1.59 0.00	39.23 2.24 0.00	54.14 3.13 0.00	46.46 2.62 0.00	41.67 2.36 0.00	40.20 2.35 0.00	32.86 2.00 0.00	34.01 2.23 0.00	32.98 2.25 0.00	40.13 2.80 0.00	44.76 3.24 0.00	47.07 3.37 0.00	42.66 3.07 0.00	47.55 3.25 0.00	51.14 3.40 0.00	49.02 3.14 0.00	41.63 2.70 0.00	36.00 2.34 0.00	29.97 1.74 0.00
W50THST__13_KV_LOAD 356117	40.55 2.30 0.00	34.04 1.93 0.00	31.75 1.73 0.00	26.87 1.48 0.00	26.37 1.45 0.00	31.60 1.74 0.00	39.46 2.46 0.00	54.47 3.46 0.00	46.74 2.90 0.00	41.95 2.64 0.00	40.51 2.66 0.00	33.13 2.27 0.00	34.28 2.51 0.00	33.25 2.53 0.00	40.46 3.14 0.00	45.12 3.61 0.00	47.44 3.75 0.00	42.98 3.40 0.00	47.90 3.60 0.00	51.46 3.73 0.00	49.31 3.44 0.00	41.87 2.95 0.00	36.21 2.54 0.00	30.14 1.90 0.00
WADING RIVER_IC_1 23522	39.68 1.42 0.00	33.42 1.31 0.00	31.11 1.09 0.00	26.38 0.99 0.00	25.95 1.03 0.00	31.09 1.23 0.00	39.43 2.44 0.00	54.04 3.03 0.00	44.07 1.06 0.84	0.75 0.67 39.23	-81.56 1.07 120.48	27.28 0.98 4.56	4.99 1.11 27.90	-10.76 1.13 42.61	23.40 1.31 15.23	27.89 1.37 15.00	34.34 1.13 10.48	38.94 1.19 1.84	63.16 1.52 -17.34	65.04 1.59 -15.72	63.46 1.71 -15.88	60.03 1.65 -19.45	36.08 2.96 0.54	29.14 1.22 0.31
WADING RIVER_IC_2 23547	39.68 1.42 0.00	33.42 1.31 0.00	31.11 1.09 0.00	26.38 0.99 0.00	25.95 1.03 0.00	31.09 1.23 0.00	39.43 2.44 0.00	54.04 3.03 0.00	44.07 1.06 0.84	0.75 0.67 39.23	-81.56 1.07 120.48	27.28 0.98 4.56	4.99 1.11 27.90	-10.76 1.13 42.61	23.40 1.31 15.23	27.89 1.37 15.00	34.34 1.13 10.48	38.94 1.19 1.84	63.16 1.52 -17.34	65.04 1.59 -15.72	63.46 1.71 -15.88	60.03 1.65 -19.45	36.08 2.96 0.54	29.14 1.22 0.31
WADING RIVER_IC_3 23601	39.68 1.42 0.00	33.42 1.31 0.00	31.11 1.09 0.00	26.38 0.99 0.00	25.95 1.03 0.00	31.09 1.23 0.00	39.43 2.44 0.00	54.04 3.03 0.00	44.07 1.06 0.84	0.75 0.67 39.23	-81.56 1.07 120.48	27.28 0.98 4.56	4.99 1.11 27.90	-10.76 1.13 42.61	23.40 1.31 15.23	27.89 1.37 15.00	34.34 1.13 10.48	38.94 1.19 1.84	63.16 1.52 -17.34	65.04 1.59 -15.72	63.46 1.71 -15.88	60.03 1.65 -19.45	36.08 2.96 0.54	29.14 1.22 0.31
WALDENNY_12_KV_BK2 80841	36.34 -1.92 0.00	30.61 -1.51 0.00	28.80 -1.22 0.00	24.32 -1.07 0.00	23.69 -1.24 0.00	28.30 -1.56 0.00	34.61 -2.39 0.00	47.53 -3.48 0.00	41.32 -2.53 0.00	37.32 -1.99 0.00	35.94 -1.90 0.00	29.35 -1.51 0.00	30.27 -1.51 0.00	29.18 -1.54 0.00	35.60 -1.73 0.00	39.32 -2.20 0.00	41.32 -2.37 0.00	36.71 -2.87 0.00	41.03 -3.27 0.00	44.14 -3.60 0.00	42.37 -3.50 0.00	36.06 -2.87 0.00	31.48 -2.19 0.00	26.35 -1.89 0.00
WALDEN__HYDRO 24148	39.82 1.56 0.00	33.42 1.30 0.00	31.19 1.16 0.00	26.38 0.99 0.00	25.91 0.98 0.00	31.05 1.19 0.00	38.68 1.69 0.00	53.33 2.33 0.00	45.74 1.89 0.00	40.94 1.63 0.00	39.45 1.60 0.00	32.21 1.35 0.00	33.29 1.51 0.00	32.25 1.53 0.00	39.27 1.94 0.00	43.86 2.34 0.00	46.19 2.49 0.00	41.89 2.31 0.00	46.87 2.57 0.00	50.46 2.73 0.00	48.43 2.56 0.00	41.09 2.17 0.00	35.48 1.81 0.00	29.55 1.31 0.00
WARRENSBURG____ 23737	40.07 1.81 0.00	33.63 1.52 0.00	31.43 1.41 0.00	26.60 1.22 0.00	26.21 1.28 0.00	31.44 1.58 0.00	39.20 2.21 0.00	53.90 2.90 0.00	46.14 2.29 0.00	41.10 1.79 0.00	39.45 1.60 0.00	32.19 1.33 0.00	32.97 1.19 0.00	31.69 0.97 0.00	38.05 0.72 0.00	42.40 0.89 0.00	44.57 0.87 0.00	40.77 1.19 0.00	45.87 1.57 0.00	49.32 1.58 0.00	47.32 1.45 0.00	40.09 1.16 0.00	34.64 0.97 0.00	29.48 1.25 0.00
WATERSIDE____6 8 9 23538	40.36 2.10 0.00	33.89 1.78 0.00	31.60 1.58 0.00	26.76 1.37 0.00	26.23 1.31 0.00	31.44 1.58 0.00	39.23 2.23 0.00	54.11 3.10 0.00	46.43 2.59 0.00	41.66 2.35 0.00	40.14 2.29 0.00	32.84 1.99 0.00	34.01 2.24 0.00	32.97 2.25 0.00	40.12 2.79 0.00	44.71 3.19 0.00	46.98 3.29 0.00	42.61 3.03 0.00	47.49 3.19 0.00	51.06 3.33 0.00	48.97 3.09 0.00	41.63 2.70 0.00	36.01 2.34 0.00	29.97 1.74 0.00
WATKINRD_115KV_LN8_ILLION 55919	38.22 -0.04 0.00	32.09 -0.02 0.00	30.00 -0.03 0.00	25.36 -0.03 0.00	24.93 0.00 0.00	29.90 0.04 0.00	37.12 0.12 0.00	50.91 -0.09 0.00	43.28 -0.57 0.00	38.58 -0.73 0.00	37.14 -0.71 0.00	30.29 -0.57 0.00	31.38 -0.39 0.00	30.41 -0.32 0.00	36.96 -0.37 0.00	41.15 -0.36 0.00	43.47 -0.23 0.00	39.62 0.04 0.00	44.59 0.29 0.00	48.08 0.34 0.00	46.19 0.32 0.00	39.19 0.27 0.00	33.81 0.14 0.00	28.24 0.00 0.00
WATSON__69_KV_BK 1 55734	40.65 2.39 0.00	34.00 1.88 0.00	31.65 1.63 0.00	26.79 1.41 0.00	26.34 1.41 0.00	31.59 1.73 0.00	39.80 2.80 0.00	54.56 3.55 0.00	46.42 2.39 -0.19	38.49 1.99 2.81	0.86 2.47 39.46	34.90 2.04 -2.01	25.60 2.23 8.40	24.09 2.16 8.80	38.23 2.57 1.67	44.23 2.76 0.05	45.90 2.54 0.33	44.86 2.50 -2.78	66.07 2.76 -19.01	67.53 2.89 -16.90	68.19 2.90 -19.42	62.67 2.76 -20.98	36.63 3.32 0.35	29.94 1.91 0.20
WDELAWARE__HYD 323627	40.16 1.90 0.00	33.69 1.57 0.00	31.48 1.45 0.00	26.63 1.24 0.00	26.16 1.23 0.00	31.38 1.52 0.00	39.06 2.06 0.00	53.80 2.79 0.00	46.09 2.24 0.00	41.23 1.92 0.00	39.67 1.82 0.00	32.36 1.50 0.00	33.44 1.67 0.00	32.26 1.54 0.00	39.12 1.80 0.00	43.73 2.21 0.00	46.05 2.36 0.00	41.77 2.18 0.00	46.83 2.53 0.00	50.48 2.74 0.00	48.45 2.58 0.00	41.09 2.16 0.00	35.46 1.79 0.00	29.53 1.30 0.00

WEST BABYLON___IC 23714	40.47 2.21 0.00	33.89 1.77 0.00	31.55 1.53 0.00	26.72 1.33 0.00	26.26 1.33 0.00	31.48 1.62 0.00	39.62 2.63 0.00	54.35 3.34 0.00	46.19 2.34 0.00	39.83 1.98 1.47	33.14 2.27 6.97	36.92 1.89 -4.16	33.54 2.05 0.29	37.97 2.01 -5.23	43.79 2.41 -4.06	49.42 2.70 -5.20	45.96 2.54 0.27	48.56 2.50 -6.47	69.15 2.75 -22.10	70.06 2.93 -19.38	75.46 2.91 -26.68	65.77 2.74 -24.10	36.85 3.18 0.00	30.11 1.88 0.00
WEST CANADA___HYD 24049	38.33 0.07 0.00	32.18 0.06 0.00	30.06 0.03 0.00	25.44 0.05 0.00	24.98 0.05 0.00	29.92 0.06 0.00	37.08 0.09 0.00	51.08 0.08 0.00	43.87 0.02 0.00	39.28 -0.03 0.00	37.81 -0.03 0.00	30.85 -0.01 0.00	31.77 0.00 0.00	30.74 0.02 0.00	37.33 0.01 0.00	41.54 0.02 0.00	43.75 0.05 0.00	39.66 0.07 0.00	44.44 0.14 0.00	47.88 0.15 0.00	46.02 0.15 0.00	39.04 0.12 0.00	33.73 0.07 0.00	28.25 0.02 0.00
WESTERN_NY_WIND 24143	36.79 -1.48 0.00	30.94 -1.17 0.00	29.07 -0.95 0.00	24.56 -0.83 0.00	23.94 -0.99 0.00	28.64 -1.22 0.00	35.11 -1.88 0.00	48.27 -2.74 0.00	41.95 -1.90 0.00	37.86 -1.45 0.00	36.30 -1.55 0.00	29.59 -1.27 0.00	30.55 -1.22 0.00	29.47 -1.25 0.00	35.92 -1.41 0.00	39.76 -1.75 0.00	41.73 -1.96 0.00	37.34 -2.25 0.00	41.77 -2.53 0.00	45.05 -2.69 0.00	43.27 -2.60 0.00	36.82 -2.11 0.00	32.09 -1.58 0.00	26.84 -1.39 0.00
WESTOVER___LESR 323668	38.37 0.11 0.00	32.25 0.14 0.00	30.20 0.18 0.00	25.47 0.09 0.00	24.98 0.06 0.00	29.96 0.10 0.00	37.09 0.09 0.00	51.10 0.09 0.00	43.95 0.10 0.00	39.39 0.08 0.00	37.92 0.08 0.00	30.93 0.07 0.00	31.88 0.11 0.00	30.84 0.11 0.00	37.62 0.30 0.00	41.81 0.29 0.00	43.89 0.19 0.00	39.44 -0.14 0.00	44.30 0.00 0.00	47.58 -0.15 0.00	45.72 -0.16 0.00	38.68 -0.25 0.00	33.53 -0.14 0.00	28.03 -0.21 0.00
WETHRSFD_WT_PWR 323626	36.60 -1.66 0.00	30.73 -1.38 0.00	28.91 -1.11 0.00	24.43 -0.96 0.00	23.85 -1.08 0.00	28.53 -1.33 0.00	35.00 -2.00 0.00	48.06 -2.95 0.00	41.59 -2.25 0.00	37.48 -1.83 0.00	35.89 -1.96 0.00	29.15 -1.71 0.00	30.08 -1.69 0.00	29.18 -1.54 0.00	35.91 -1.42 0.00	39.82 -1.70 0.00	41.62 -2.08 0.00	36.92 -2.67 0.00	41.46 -2.84 0.00	44.45 -3.29 0.00	42.56 -3.32 0.00	36.08 -2.85 0.00	31.43 -2.23 0.00	26.26 -1.97 0.00
WHAVSTOR_138KV_BK127 55557	39.78 1.51 0.00	33.38 1.26 0.00	31.15 1.13 0.00	26.33 0.94 0.00	25.87 0.94 0.00	31.02 1.16 0.00	38.67 1.67 0.00	53.34 2.33 0.00	45.71 1.87 0.00	40.93 1.62 0.00	39.46 1.62 0.00	32.26 1.40 0.00	33.37 1.59 0.00	32.35 1.64 0.00	39.38 2.06 0.00	43.95 2.43 0.00	46.25 2.56 0.00	41.88 2.29 0.00	46.82 2.52 0.00	50.38 2.64 0.00	48.34 2.47 0.00	41.04 2.11 0.00	35.45 1.78 0.00	29.52 1.28 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	39.78 1.51 0.00	33.38 1.26 0.00	31.15 1.13 0.00	26.33 0.94 0.00	25.87 0.94 0.00	31.02 1.16 0.00	38.67 1.67 0.00	53.34 2.33 0.00	45.71 1.87 0.00	40.93 1.62 0.00	39.46 1.62 0.00	32.26 1.40 0.00	33.37 1.59 0.00	32.35 1.64 0.00	39.38 2.06 0.00	43.95 2.43 0.00	46.25 2.56 0.00	41.88 2.29 0.00	46.82 2.52 0.00	50.38 2.64 0.00	48.34 2.47 0.00	41.04 2.11 0.00	35.45 1.78 0.00	29.52 1.28 0.00
WHITEHAL_115KV_TB1 80871	40.62 2.36 0.00	34.15 2.03 0.00	31.97 1.95 0.00	27.07 1.68 0.00	26.82 1.89 0.00	32.16 2.30 0.00	40.43 3.44 0.00	55.46 4.45 0.00	47.45 3.61 0.00	42.19 2.88 0.00	40.25 2.40 0.00	32.51 1.65 0.00	33.29 1.51 0.00	32.08 1.36 0.00	38.39 1.07 0.00	43.14 1.62 0.00	45.38 1.68 0.00	41.97 2.39 0.00	47.41 3.11 0.00	50.48 2.74 0.00	48.28 2.40 0.00	40.81 1.89 0.00	35.29 1.62 0.00	29.98 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	40.37 2.11 0.00	33.87 1.75 0.00	31.60 1.58 0.00	26.73 1.34 0.00	26.25 1.32 0.00	31.46 1.60 0.00	39.26 2.26 0.00	54.17 3.17 0.00	46.51 2.67 0.00	41.72 2.41 0.00	40.24 2.39 0.00	32.88 2.02 0.00	34.00 2.23 0.00	32.96 2.24 0.00	40.13 2.80 0.00	44.79 3.27 0.00	47.11 3.41 0.00	42.72 3.14 0.00	47.71 3.41 0.00	51.29 3.56 0.00	49.19 3.32 0.00	41.77 2.84 0.00	36.10 2.43 0.00	30.02 1.79 0.00
WM_FLOYD_69_KV_BK2 356380	39.88 1.62 0.00	33.53 1.42 0.00	31.22 1.19 0.00	26.47 1.08 0.00	26.05 1.13 0.00	31.20 1.34 0.00	39.47 2.47 0.00	54.12 3.11 0.00	42.94 1.41 2.31	-31.33 1.12 71.75	-79.81 1.44 119.10	25.34 1.19 6.71	5.59 1.37 27.56	-9.93 1.36 42.02	23.91 1.58 14.99	22.76 1.73 20.48	24.89 1.57 20.38	36.44 1.64 4.79	63.68 1.96 -17.43	65.63 2.12 -15.78	64.13 2.20 -16.06	60.51 2.06 -19.53	36.22 3.09 0.53	29.39 1.47 0.30
WOODARD__115KV_TB2 355635	37.73 -0.53 0.00	31.68 -0.44 0.00	29.62 -0.41 0.00	25.04 -0.35 0.00	24.57 -0.36 0.00	29.43 -0.43 0.00	36.42 -0.57 0.00	50.18 -0.83 0.00	43.15 -0.70 0.00	38.67 -0.64 0.00	37.24 -0.61 0.00	30.34 -0.52 0.00	31.22 -0.55 0.00	30.20 -0.52 0.00	36.69 -0.64 0.00	40.73 -0.78 0.00	42.82 -0.87 0.00	38.68 -0.90 0.00	43.33 -0.98 0.00	46.69 -1.04 0.00	44.86 -1.01 0.00	38.04 -0.88 0.00	32.94 -0.73 0.00	27.71 -0.52 0.00
YORK___WARBASSE 23770	40.52 2.26 0.00	34.08 1.96 0.00	31.76 1.74 0.00	26.87 1.48 0.00	26.35 1.42 0.00	31.60 1.74 0.00	39.39 2.40 0.00	54.28 3.27 0.00	46.57 2.72 0.00	41.86 2.55 0.00	40.30 2.46 0.00	33.01 2.15 0.00	34.17 2.39 0.00	33.13 2.41 0.00	40.29 2.96 0.00	44.84 3.33 0.00	47.10 3.40 0.00	42.76 3.18 0.00	47.64 3.34 0.00	51.25 3.51 0.00	49.16 3.29 0.00	41.84 2.91 0.00	36.22 2.55 0.00	30.15 1.92 0.00