

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/02/2026

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	51.67	44.38	39.37	38.12	38.62	38.46	38.18	40.80	43.01	42.44	46.16	43.44	47.99	45.33	33.87	35.03	36.95	34.22	36.70	40.76	36.89	44.99	48.24	48.70
24138	1.74	1.12	0.89	0.82	0.93	1.30	1.77	2.18	2.34	2.36	2.83	3.05	3.77	3.55	2.61	2.54	2.48	2.18	2.19	1.93	1.51	1.73	2.12	1.58
	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	51.84	44.53	39.50	38.26	38.75	38.58	38.29	40.88	43.06	42.49	46.21	43.49	48.05	45.40	33.89	34.99	36.95	34.21	36.71	40.80	36.94	45.11	48.40	48.87
24260	1.92	1.27	1.02	0.96	1.06	1.41	1.88	2.26	2.40	2.41	2.88	3.10	3.83	3.62	2.62	2.50	2.47	2.17	2.20	1.98	1.56	1.85	2.28	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	51.84	44.53	39.50	38.26	38.75	38.58	38.29	40.88	43.06	42.49	46.21	43.49	48.05	45.40	33.89	34.99	36.95	34.21	36.71	40.80	36.94	45.11	48.40	48.87
24261	1.92	1.27	1.02	0.96	1.06	1.41	1.88	2.26	2.40	2.41	2.88	3.10	3.83	3.62	2.62	2.50	2.47	2.17	2.20	1.98	1.56	1.85	2.28	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	52.26	45.22	40.22	39.16	39.57	39.30	38.69	41.19	43.38	42.27	45.04	42.10	45.92	43.36	32.29	33.56	35.80	33.53	36.34	40.66	37.26	45.26	48.25	49.24
24011	2.34	1.96	1.75	1.86	1.88	2.13	2.28	2.57	2.71	2.19	1.72	1.71	1.70	1.58	1.02	1.07	1.33	1.49	1.83	1.83	1.88	2.01	2.14	2.12
	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
ADK RESOURCE___RCVRY	52.69	45.50	40.49	39.45	39.86	39.60	39.01	41.55	43.71	42.48	45.23	42.26	46.00	43.48	32.39	33.72	36.05	33.82	36.66	41.00	37.55	45.55	48.59	49.61
23798	2.77	2.24	2.01	2.15	2.18	2.43	2.60	2.93	3.04	2.40	1.90	1.86	1.79	1.71	1.13	1.22	1.58	1.79	2.14	2.18	2.17	2.29	2.48	2.49
	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
ADK S GLENS___FALLS	52.26	45.22	40.22	39.16	39.57	39.30	38.69	41.19	43.38	42.27	45.04	42.10	45.92	43.36	32.29	33.56	35.80	33.53	36.34	40.66	37.26	45.26	48.25	49.24
24028	2.34	1.96	1.75	1.86	1.88	2.13	2.28	2.57	2.71	2.19	1.72	1.71	1.70	1.58	1.02	1.07	1.33	1.49	1.83	1.83	1.88	2.01	2.14	2.12
	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
ADK_NYS___DAM	51.45	45.03	40.00	39.05	39.41	39.10	38.26	40.84	42.96	41.74	44.44	41.62	45.44	42.97	32.03	33.55	35.21	32.65	35.23	39.28	36.40	44.16	47.49	48.43
23527	1.53	1.77	1.53	1.75	1.72	1.94	1.85	2.22	2.29	1.66	1.11	1.23	1.23	1.20	0.77	1.05	0.74	0.61	0.71	0.45	1.02	0.90	1.37	1.31
	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	49.67	43.22	38.49	37.45	37.82	37.55	36.90	39.28	41.32	40.47	43.38	40.70	44.35	41.93	31.39	32.70	34.56	32.07	34.56	38.40	35.21	42.80	45.83	46.76
24190	-0.25	-0.04	0.01	0.15	0.14	0.38	0.49	0.67	0.65	0.39	0.05	0.31	0.13	0.15	0.13	0.21	0.08	0.04	0.04	-0.43	-0.17	-0.46	-0.28	-0.36
	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	50.11	43.70	38.92	37.69	38.05	37.40	36.50	38.65	40.69	40.08	43.16	40.22	43.88	41.52	31.14	32.23	34.23	31.77	34.25	38.95	35.51	43.30	45.95	47.31
355683	0.19	0.43	0.45	0.39	0.36	0.23	0.09	0.04	0.03	0.00	-0.17	-0.18	-0.34	-0.25	-0.12	-0.27	-0.25	-0.26	-0.26	0.12	0.13	0.04	-0.16	0.19
	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	50.82	44.10	39.27	38.19	38.55	38.21	37.56	39.91	41.99	41.14	44.22	41.18	44.46	41.90	31.27	32.47	34.46	32.14	34.74	38.77	35.45	43.15	46.12	47.38
323833	0.90	0.84	0.79	0.89	0.87	1.05	1.15	1.29	1.32	1.05	0.89	0.79	0.24	0.12	0.01	-0.02	-0.01	0.11	0.23	-0.06	0.07	-0.12	0.01	0.26
	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	50.80	44.09	39.26	38.18	38.55	38.20	37.54	39.90	41.96	41.13	44.21	41.17	44.44	41.88	31.26	32.46	34.45	32.13	34.73	38.75	35.44	43.13	46.11	47.37
323834	0.87	0.83	0.78	0.87	0.86	1.03	1.13	1.28	1.30	1.04	0.88	0.78	0.22	0.11	-0.01	-0.03	-0.02	0.09	0.21	-0.08	0.06	-0.13	-0.01	0.25
	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	49.67	43.22	38.49	37.45	37.82	37.55	36.90	39.28	41.32	40.47	43.38	40.70	44.35	41.93	31.39	32.70	34.56	32.07	34.56	38.40	35.21	42.80	45.83	46.76
23571	-0.25	-0.04	0.01	0.15	0.14	0.38	0.49	0.67	0.65	0.39	0.05	0.31	0.13	0.15	0.13	0.21	0.08	0.04	0.04	-0.43	-0.17	-0.46	-0.28	-0.36
	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	49.67 -0.25 0.00	43.22 -0.04 0.00	38.49 0.01 0.00	37.45 0.15 0.00	37.82 0.14 0.00	37.55 0.38 0.00	36.90 0.49 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.47 0.39 0.00	43.38 0.05 0.00	40.70 0.31 0.00	44.35 0.13 0.00	41.93 0.15 0.00	31.39 0.13 0.00	32.70 0.21 0.00	34.56 0.08 0.00	32.07 0.04 0.00	34.56 0.04 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.80 -0.46 0.00	45.83 -0.28 0.00	46.76 -0.36 0.00
ALBANY___3 23573	49.67 -0.25 0.00	43.22 -0.04 0.00	38.49 0.01 0.00	37.45 0.15 0.00	37.82 0.14 0.00	37.55 0.38 0.00	36.90 0.49 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.47 0.39 0.00	43.38 0.05 0.00	40.70 0.31 0.00	44.35 0.13 0.00	41.93 0.15 0.00	31.39 0.13 0.00	32.70 0.21 0.00	34.56 0.08 0.00	32.07 0.04 0.00	34.56 0.04 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.80 -0.46 0.00	45.83 -0.28 0.00	46.76 -0.36 0.00
ALBANY___4 23574	49.67 -0.25 0.00	43.22 -0.04 0.00	38.49 0.01 0.00	37.45 0.15 0.00	37.82 0.14 0.00	37.55 0.38 0.00	36.90 0.49 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.47 0.39 0.00	43.38 0.05 0.00	40.70 0.31 0.00	44.35 0.13 0.00	41.93 0.15 0.00	31.39 0.13 0.00	32.70 0.21 0.00	34.56 0.08 0.00	32.07 0.04 0.00	34.56 0.04 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.80 -0.46 0.00	45.83 -0.28 0.00	46.76 -0.36 0.00
ALBANY___LFGE 323615	50.27 0.35 0.00	43.75 0.49 0.00	38.93 0.46 0.00	37.91 0.61 0.00	38.27 0.58 0.00	38.01 0.84 0.00	37.35 0.94 0.00	39.76 1.15 0.00	41.86 1.19 0.00	40.99 0.91 0.00	43.92 0.58 0.00	41.22 0.83 0.00	44.91 0.69 0.00	42.48 0.70 0.00	31.76 0.50 0.00	33.12 0.63 0.00	35.00 0.53 0.00	32.48 0.43 0.00	34.98 0.47 0.00	38.89 0.06 0.00	35.70 0.32 0.00	43.35 0.09 0.00	46.43 0.31 0.00	47.34 0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	50.43 0.51 0.00	43.90 0.64 0.00	39.10 0.62 0.00	37.93 0.62 0.00	38.27 0.59 0.00	37.63 0.46 0.00	36.74 0.32 0.00	38.89 0.27 0.00	40.94 0.27 0.00	40.32 0.23 0.00	43.36 0.03 0.00	40.38 -0.01 0.00	44.02 -0.19 0.00	41.68 -0.10 0.00	31.23 -0.03 0.00	32.26 -0.23 0.00	34.31 -0.16 0.00	31.86 -0.17 0.00	34.32 -0.19 0.00	39.08 0.25 0.00	35.64 0.26 0.00	43.45 0.19 0.00	46.23 0.11 0.00	47.57 0.45 0.00
ALCOA_RYNLDS___DRP 24188	50.43 0.51 0.00	43.90 0.64 0.00	39.10 0.62 0.00	37.93 0.63 0.00	38.27 0.59 0.00	37.63 0.46 0.00	36.74 0.32 0.00	38.89 0.27 0.00	40.94 0.27 0.00	40.31 0.23 0.00	43.36 0.03 0.00	40.38 -0.01 0.00	44.02 -0.19 0.00	41.68 -0.09 0.00	31.23 -0.03 0.00	32.28 -0.22 0.00	34.32 -0.16 0.00	31.87 -0.17 0.00	34.35 -0.16 0.00	39.08 0.26 0.00	35.64 0.26 0.00	43.45 0.19 0.00	46.24 0.12 0.00	47.58 0.46 0.00
ALCOA___DSASP 323711	50.43 0.51 0.00	43.90 0.64 0.00	39.10 0.62 0.00	37.93 0.63 0.00	38.27 0.59 0.00	37.63 0.46 0.00	36.74 0.32 0.00	38.89 0.27 0.00	40.94 0.27 0.00	40.31 0.23 0.00	43.36 0.03 0.00	40.38 -0.01 0.00	44.02 -0.19 0.00	41.68 -0.09 0.00	31.23 -0.03 0.00	32.28 -0.22 0.00	34.32 -0.16 0.00	31.87 -0.17 0.00	34.35 -0.16 0.00	39.08 0.26 0.00	35.64 0.26 0.00	43.45 0.19 0.00	46.24 0.12 0.00	47.58 0.46 0.00
ALLEGHENY___COGEN 23514	53.25 3.32 0.00	46.24 2.98 0.00	40.86 2.38 0.00	39.46 2.16 0.00	39.73 2.05 0.00	39.14 1.97 0.00	38.62 2.21 0.00	40.69 2.07 0.00	42.97 2.31 0.00	42.83 2.75 0.00	46.71 3.38 0.00	41.79 1.40 0.00	46.24 2.03 0.00	47.64 3.13 -2.73	76.21 1.80 -43.15	59.08 2.15 -24.45	45.43 2.28 -8.69	50.53 2.39 -16.10	47.69 3.58 -9.59	44.54 3.39 -2.32	38.15 2.77 0.00	46.76 3.50 0.00	48.79 2.67 0.00	49.48 2.36 0.00
ALTAMONT_115KV_TB 2 55880	50.29 0.37 0.00	43.58 0.32 0.00	38.80 0.32 0.00	37.67 0.37 0.00	38.06 0.37 0.00	37.70 0.53 0.00	37.09 0.68 0.00	39.43 0.81 0.00	41.48 0.82 0.00	40.78 0.70 0.00	43.97 0.64 0.00	41.13 0.73 0.00	44.99 0.77 0.00	42.52 0.74 0.00	31.78 0.52 0.00	33.00 0.51 0.00	34.98 0.50 0.00	32.50 0.46 0.00	35.01 0.50 0.00	39.07 0.24 0.00	35.67 0.29 0.00	43.47 0.21 0.00	46.46 0.35 0.00	47.40 0.28 0.00
ALTONA_WT_PWR 323606	50.74 0.81 0.00	44.03 0.77 0.00	39.18 0.70 0.00	37.96 0.66 0.00	38.38 0.70 0.00	37.80 0.63 0.00	36.97 0.57 0.00	39.19 0.58 0.00	41.08 0.42 0.00	40.23 0.15 0.00	43.25 -0.08 0.00	40.38 -0.02 0.00	43.99 -0.22 0.00	41.58 -0.20 0.00	31.15 -0.11 0.00	32.17 -0.32 0.00	34.25 -0.22 0.00	31.81 -0.23 0.00	34.13 -0.39 0.00	38.62 -0.20 0.00	35.25 -0.13 0.00	42.86 -0.40 0.00	45.81 -0.31 0.00	47.55 0.43 0.00
AMERICAN_REF_FUEL 24010	37.97 -0.40 11.56	26.48 0.19 16.98	27.18 0.00 11.29	24.38 0.11 13.04	31.63 -0.15 5.91	33.35 -0.36 3.46	31.34 -0.25 4.81	36.18 -0.85 1.59	37.66 -0.84 2.16	38.31 0.09 1.86	44.13 0.81 0.00	40.92 0.53 0.00	45.34 1.12 0.00	44.87 1.05 -2.04	63.93 0.44 -32.23	51.90 1.15 -18.26	41.87 0.90 -6.49	44.49 0.43 -12.02	42.46 0.79 -7.16	40.73 0.17 -1.73	34.79 -0.29 0.29	43.44 0.42 0.24	46.31 0.34 0.14	47.50 0.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.41 0.86 16.37	20.22 1.02 24.05	23.24 0.77 16.00	19.48 0.65 18.47	29.84 0.53 8.38	32.68 0.41 4.90	30.07 0.47 6.82	36.36 0.00 2.26	37.13 -0.47 3.07	37.96 0.51 2.64	45.09 1.76 0.00	41.86 1.46 0.00	47.02 2.80 0.00	46.23 2.90 -1.55	57.69 1.91 -24.52	49.49 3.11 -13.89	42.18 2.77 -4.94	43.38 2.19 -9.15	42.85 2.88 -5.45	41.85 1.70 -1.32	36.25 1.29 0.42	45.50 2.58 0.34	48.64 2.73 0.20	48.95 1.83 0.00
ARTHUR KILL_GT_1 23520	51.39 1.47 0.00	44.20 0.94 0.00	39.19 0.71 0.00	37.95 0.65 0.00	38.46 0.78 0.00	38.32 1.15 0.00	38.03 1.62 0.00	40.50 1.89 0.00	42.55 1.89 0.00	41.90 1.82 0.00	45.55 2.23 0.00	42.85 2.46 0.00	47.36 3.15 0.00	44.79 3.02 0.00	33.45 2.19 0.00	34.50 2.01 0.00	36.50 2.03 0.00	33.75 1.72 0.00	36.22 1.71 0.00	40.30 1.47 0.00	36.52 1.14 0.00	44.63 1.37 0.00	47.87 1.75 0.00	48.36 1.24 0.00
ARTHUR_KILL_2 23512	51.22 1.29 0.00	44.05 0.79 0.00	39.08 0.60 0.00	37.84 0.54 0.00	38.34 0.66 0.00	38.20 1.03 0.00	37.88 1.48 0.00	40.38 1.76 0.00	42.43 1.77 0.00	41.78 1.69 0.00	45.43 2.10 0.00	42.73 2.34 0.00	47.23 3.02 0.00	44.65 2.88 0.00	33.35 2.08 0.00	34.37 1.88 0.00	36.37 1.89 0.00	33.64 1.60 0.00	36.08 1.57 0.00	40.16 1.34 0.00	36.39 1.01 0.00	44.47 1.21 0.00	47.71 1.59 0.00	48.21 1.09 0.00
ARTHUR_KILL_3 23513	51.23 1.31 0.00	44.00 0.74 0.00	39.03 0.55 0.00	37.81 0.50 0.00	38.32 0.63 0.00	38.17 1.00 0.00	37.83 1.42 0.00	40.34 1.72 0.00	42.46 1.80 0.00	41.90 1.82 0.00	45.58 2.25 0.00	42.92 2.53 0.00	47.46 3.24 0.00	44.84 3.06 0.00	33.53 2.27 0.00	34.64 2.15 0.00	36.59 2.12 0.00	33.90 1.86 0.00	36.37 1.86 0.00	40.46 1.63 0.00	36.60 1.22 0.00	44.61 1.35 0.00	47.83 1.72 0.00	48.30 1.18 0.00

ARTHUR_KILL_COGEN 323718	51.38 1.46 0.00	44.20 0.94 0.00	39.19 0.71 0.00	37.95 0.65 0.00	38.46 0.78 0.00	38.33 1.16 0.00	38.01 1.60 0.00	40.50 1.88 0.00	42.55 1.89 0.00	41.90 1.82 0.00	45.56 2.23 0.00	42.85 2.46 0.00	47.37 3.16 0.00	44.79 3.01 0.00	33.45 2.19 0.00	34.49 1.99 0.00	36.49 2.01 0.00	33.75 1.71 0.00	36.21 1.69 0.00	40.30 1.47 0.00	36.52 1.14 0.00	44.62 1.37 0.00	47.87 1.75 0.00	48.36 1.24 0.00
ASHOKAN____ 23654	51.06 1.14 0.00	44.00 0.74 0.00	39.05 0.57 0.00	37.89 0.58 0.00	38.31 0.62 0.00	38.06 0.89 0.00	37.64 1.23 0.00	40.16 1.54 0.00	42.37 1.71 0.00	41.74 1.65 0.00	45.19 1.87 0.00	42.41 2.01 0.00	46.71 2.49 0.00	44.28 2.50 0.00	32.93 1.67 0.00	34.18 1.69 0.00	36.27 1.79 0.00	33.73 1.69 0.00	36.30 1.78 0.00	40.42 1.60 0.00	36.74 1.36 0.00	44.63 1.37 0.00	47.62 1.50 0.00	48.23 1.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	51.22 1.30 0.00	44.02 0.76 0.00	39.09 0.61 0.00	37.85 0.54 0.00	38.33 0.64 0.00	38.18 1.02 0.00	37.90 1.49 0.00	40.44 1.83 0.00	42.56 1.89 0.00	41.96 1.88 0.00	45.61 2.28 0.00	42.91 2.51 0.00	47.32 3.11 0.00	44.74 2.97 0.00	33.46 2.19 0.00	34.43 1.94 0.00	36.36 1.89 0.00	33.66 1.62 0.00	36.12 1.61 0.00	40.19 1.37 0.00	36.40 1.03 0.01	44.51 1.25 0.00	47.77 1.65 0.00	48.22 1.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	51.22 1.30 0.00	44.02 0.76 0.00	39.09 0.61 0.00	37.85 0.54 0.00	38.33 0.64 0.00	38.18 1.02 0.00	37.90 1.49 0.00	40.44 1.83 0.00	42.56 1.89 0.00	41.96 1.88 0.00	45.61 2.28 0.00	42.91 2.51 0.00	47.32 3.11 0.00	44.74 2.97 0.00	33.46 2.19 0.00	34.43 1.94 0.00	36.36 1.89 0.00	33.66 1.62 0.00	36.12 1.61 0.00	40.19 1.37 0.00	36.40 1.03 0.01	44.51 1.25 0.00	47.77 1.65 0.00	48.22 1.10 0.00
ASTORIA_GT2_1 24094	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT2_2 24095	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT2_3 24096	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT2_4 24097	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT3_1 24098	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT3_2 24099	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT3_3 24100	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT3_4 24101	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT4_1 24102	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT4_2 24103	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT4_3 24104	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00

ASTORIA_GT4_4 24105	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA_GT_1 23523	51.35 1.43 0.00	44.13 0.86 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.12 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.67 2.01 0.00	42.08 2.00 0.00	45.75 2.42 0.00	43.03 2.64 0.00	47.45 3.24 0.00	44.88 3.10 0.00	33.53 2.27 0.00	34.52 2.03 0.00	36.48 2.01 0.00	33.75 1.71 0.00	36.24 1.73 0.00	40.32 1.49 0.00	36.52 1.14 0.01	44.63 1.37 0.00	47.90 1.78 0.00	48.34 1.22 0.00
ASTORIA_GT_10 24110	51.33 1.41 0.00	44.14 0.88 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.11 0.00	37.98 1.58 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.78 2.44 0.00	43.09 2.70 0.00	47.55 3.33 0.00	44.95 3.18 0.00	33.58 2.31 0.00	34.62 2.13 0.00	36.57 2.10 0.00	33.86 1.82 0.00	36.34 1.83 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.37 1.26 0.00
ASTORIA_GT_11 24225	51.33 1.41 0.00	44.14 0.88 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.11 0.00	37.98 1.58 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.78 2.44 0.00	43.09 2.70 0.00	47.55 3.33 0.00	44.95 3.18 0.00	33.58 2.31 0.00	34.62 2.13 0.00	36.57 2.10 0.00	33.86 1.82 0.00	36.34 1.83 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.37 1.26 0.00
ASTORIA_GT_12 24226	51.33 1.41 0.00	44.14 0.88 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.11 0.00	37.98 1.58 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.78 2.44 0.00	43.09 2.70 0.00	47.55 3.33 0.00	44.95 3.18 0.00	33.58 2.31 0.00	34.62 2.13 0.00	36.57 2.10 0.00	33.86 1.82 0.00	36.34 1.83 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.37 1.26 0.00
ASTORIA_GT_13 24227	51.33 1.41 0.00	44.14 0.88 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.11 0.00	37.98 1.58 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.78 2.44 0.00	43.09 2.70 0.00	47.55 3.33 0.00	44.95 3.18 0.00	33.58 2.31 0.00	34.62 2.13 0.00	36.57 2.10 0.00	33.86 1.82 0.00	36.34 1.83 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.37 1.26 0.00
ASTORIA_GT_5 24106	51.35 1.43 0.00	44.13 0.86 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.12 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.67 2.01 0.00	42.08 2.00 0.00	45.75 2.42 0.00	43.03 2.64 0.00	47.45 3.24 0.00	44.88 3.10 0.00	33.53 2.27 0.00	34.52 2.03 0.00	36.48 2.01 0.00	33.75 1.71 0.00	36.24 1.73 0.00	40.32 1.49 0.00	36.52 1.14 0.01	44.63 1.37 0.00	47.90 1.78 0.00	48.34 1.22 0.00
ASTORIA_GT_7 24107	51.35 1.43 0.00	44.13 0.86 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.12 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.67 2.01 0.00	42.08 2.00 0.00	45.75 2.42 0.00	43.03 2.64 0.00	47.45 3.24 0.00	44.88 3.10 0.00	33.53 2.27 0.00	34.52 2.03 0.00	36.48 2.01 0.00	33.75 1.71 0.00	36.24 1.73 0.00	40.32 1.49 0.00	36.52 1.14 0.01	44.63 1.37 0.00	47.90 1.78 0.00	48.34 1.22 0.00
ASTORIA_GT_8 24108	51.35 1.43 0.00	44.13 0.86 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.12 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.67 2.01 0.00	42.08 2.00 0.00	45.75 2.42 0.00	43.03 2.64 0.00	47.45 3.24 0.00	44.88 3.10 0.00	33.53 2.27 0.00	34.52 2.03 0.00	36.48 2.01 0.00	33.75 1.71 0.00	36.24 1.73 0.00	40.32 1.49 0.00	36.52 1.14 0.01	44.63 1.37 0.00	47.90 1.78 0.00	48.34 1.22 0.00
ASTORIA___2 24149	51.24 1.32 0.00	44.04 0.78 0.00	39.10 0.62 0.00	37.87 0.56 0.00	38.35 0.66 0.00	38.20 1.04 0.00	37.91 1.50 0.00	40.45 1.83 0.00	42.58 1.92 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.47 2.20 0.00	34.45 1.95 0.00	36.38 1.91 0.00	33.67 1.64 0.00	36.15 1.64 0.00	40.23 1.40 0.00	36.43 1.05 0.01	44.52 1.26 0.00	47.79 1.67 0.00	48.25 1.13 0.00
ASTORIA___3 23516	51.24 1.32 0.00	44.04 0.78 0.00	39.10 0.62 0.00	37.87 0.56 0.00	38.35 0.66 0.00	38.20 1.04 0.00	37.91 1.50 0.00	40.45 1.83 0.00	42.58 1.92 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.47 2.20 0.00	34.45 1.95 0.00	36.38 1.91 0.00	33.67 1.64 0.00	36.15 1.64 0.00	40.23 1.40 0.00	36.43 1.05 0.01	44.52 1.26 0.00	47.79 1.67 0.00	48.25 1.13 0.00
ASTORIA___4 23517	51.25 1.33 0.00	44.05 0.78 0.00	39.11 0.63 0.00	37.87 0.56 0.00	38.36 0.67 0.00	38.21 1.05 0.00	37.93 1.52 0.00	40.45 1.84 0.00	42.58 1.91 0.00	41.98 1.90 0.00	45.63 2.30 0.00	42.93 2.53 0.00	47.34 3.12 0.00	44.77 2.99 0.00	33.46 2.19 0.00	34.45 1.95 0.00	36.40 1.93 0.00	33.68 1.64 0.00	36.17 1.65 0.00	40.23 1.40 0.00	36.44 1.06 0.01	44.52 1.27 0.00	47.79 1.67 0.00	48.24 1.12 0.00
ASTORIA___5 23518	51.33 1.41 0.00	44.13 0.87 0.00	39.17 0.69 0.00	37.93 0.63 0.00	38.43 0.74 0.00	38.27 1.11 0.00	37.97 1.56 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.77 2.44 0.00	43.09 2.70 0.00	47.55 3.34 0.00	44.95 3.18 0.00	33.58 2.32 0.00	34.61 2.12 0.00	36.56 2.09 0.00	33.86 1.82 0.00	36.32 1.80 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.38 1.26 0.00
AST_ENERGY_2_CC3 323677	51.42 1.49 0.00	44.17 0.91 0.00	39.18 0.70 0.00	37.95 0.64 0.00	38.44 0.75 0.00	38.26 1.10 0.00	37.95 1.54 0.00	40.50 1.88 0.00	42.66 2.00 0.00	42.09 2.01 0.00	45.77 2.44 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.96 3.18 0.00	33.53 2.27 0.00	34.59 2.10 0.00	36.53 2.06 0.00	33.85 1.81 0.00	36.31 1.80 0.00	40.37 1.55 0.00	36.56 1.18 0.00	44.67 1.42 0.00	47.98 1.86 0.00	48.46 1.34 0.00
AST_ENERGY_2_CC4 323678	51.42 1.49 0.00	44.17 0.91 0.00	39.18 0.70 0.00	37.95 0.64 0.00	38.44 0.75 0.00	38.26 1.10 0.00	37.95 1.54 0.00	40.50 1.88 0.00	42.66 2.00 0.00	42.09 2.01 0.00	45.77 2.44 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.96 3.18 0.00	33.53 2.27 0.00	34.59 2.10 0.00	36.53 2.06 0.00	33.85 1.81 0.00	36.31 1.80 0.00	40.37 1.55 0.00	36.56 1.18 0.00	44.67 1.42 0.00	47.98 1.86 0.00	48.46 1.34 0.00

ATHENS_STG_1 23668	50.28	43.43	38.68	37.52	37.93	37.58	37.07	39.38	41.41	40.78	44.18	41.41	45.52	43.00	32.20	33.35	35.31	32.81	35.26	39.26	35.76	43.56	46.61	47.47
	0.36	0.17	0.20	0.22	0.25	0.42	0.66	0.77	0.74	0.70	0.85	1.01	1.31	1.23	0.93	0.86	0.83	0.77	0.74	0.43	0.38	0.30	0.50	0.35
	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
ATHENS_STG_2 23670	50.28	43.43	38.68	37.52	37.93	37.58	37.07	39.38	41.41	40.78	44.18	41.41	45.52	43.00	32.20	33.35	35.31	32.81	35.26	39.26	35.76	43.56	46.61	47.47
	0.36	0.17	0.20	0.22	0.25	0.42	0.66	0.77	0.74	0.70	0.85	1.01	1.31	1.23	0.93	0.86	0.83	0.77	0.74	0.43	0.38	0.30	0.50	0.35
	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
ATHENS_STG_3 23677	50.28	43.43	38.68	37.52	37.93	37.58	37.07	39.38	41.41	40.78	44.18	41.41	45.52	43.00	32.20	33.35	35.31	32.81	35.26	39.26	35.76	43.56	46.61	47.47
	0.36	0.17	0.20	0.22	0.25	0.42	0.66	0.77	0.74	0.70	0.85	1.01	1.31	1.23	0.93	0.86	0.83	0.77	0.74	0.43	0.38	0.30	0.50	0.35
	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
AUBURN____LFGE 323710	50.59	43.69	38.88	37.67	38.09	37.57	36.95	39.01	41.10	40.71	44.17	40.80	44.44	41.37	21.18	27.26	33.01	28.93	33.09	39.18	35.95	44.02	46.98	47.84
	0.67	0.43	0.40	0.36	0.41	0.40	0.54	0.39	0.44	0.63	0.85	0.41	0.22	0.24	0.20	0.59	0.61	0.73	0.86	0.90	0.57	0.76	0.87	0.72
	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	0.65	10.28	5.82	2.07	3.83	2.28	0.55	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	51.77	44.49	39.33	38.15	38.74	38.40	38.24	40.92	43.15	42.45	46.33	43.50	48.16	45.47	33.84	34.93	37.08	34.87	36.93	41.00	36.90	45.28	48.61	48.94
	1.85	1.23	0.85	0.84	1.06	1.23	1.84	2.30	2.48	2.37	3.00	3.11	3.94	3.69	2.58	2.44	2.61	2.32	2.42	2.17	1.52	2.02	2.50	1.82
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BALL_HILL_WT_PWR 323825	36.47	23.25	25.26	21.86	30.93	33.29	30.97	36.65	37.94	38.62	45.18	41.87	46.60	45.76	58.62	49.60	41.92	43.45	42.51	41.72	35.96	44.91	47.85	48.64
	0.87	1.03	0.77	0.71	0.57	0.40	0.52	0.01	-0.04	0.85	1.85	1.47	2.39	2.35	1.52	2.47	2.25	1.77	2.25	1.51	0.95	1.95	1.91	1.52
	14.32	21.04	13.99	16.15	7.33	4.28	5.96	1.97	2.68	2.30	0.00	0.00	0.00	-1.64	-25.84	-14.64	-5.20	-9.64	-5.74	-1.39	0.36	0.30	0.18	0.00
BARON_WINDS____WT_PWR 323822	55.79	51.27	43.76	42.99	40.31	38.57	38.56	38.96	41.18	40.91	44.41	40.61	45.12	44.18	48.38	43.11	39.14	39.54	39.82	40.44	36.04	44.56	47.10	47.65
	0.90	0.71	0.43	0.09	0.09	-0.08	0.08	-0.34	-0.42	0.03	1.08	0.21	0.91	1.36	0.73	1.34	1.37	1.38	1.66	0.74	0.53	1.20	0.92	0.53
	-4.96	-7.29	-4.85	-5.60	-2.54	-1.48	-2.07	-0.69	-0.93	-0.80	0.00	0.00	0.00	-1.04	-16.39	-9.28	-3.30	-6.12	-3.64	-0.88	-0.13	-0.10	-0.06	0.00
BARRETT_IC_1 23704	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_10 23701	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_11 23702	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_12 23703	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_2 23705	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_3 23706	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_4 23707	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_5 23708	51.36	44.14	39.06	37.88	38.43	38.14	37.86	40.46	42.60	41.96	45.90	43.13	47.75	45.07	33.59	34.70	36.79	34.69	36.68	40.56	36.54	44.79	48.09	48.47
	1.44	0.88	0.58	0.57	0.75	0.98	1.45	1.85	1.94	1.88	2.57	2.74	3.53	3.29	2.33	2.20	2.32	2.15	2.17	1.73	1.16	1.53	1.97	1.36
	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	-0.51	0.00	0.00	0.00	0.00	0.00	0.00

BARRETT_IC_6 23709	51.36 1.44 0.00	44.14 0.88 0.00	39.06 0.58 0.00	37.88 0.57 0.00	38.43 0.75 0.00	38.14 0.98 0.00	37.86 1.45 0.00	40.46 1.85 0.00	42.60 1.94 0.00	41.96 1.88 0.00	45.90 2.57 0.00	43.13 2.74 0.00	47.75 3.53 0.00	45.07 3.29 0.00	33.59 2.33 0.00	34.70 2.20 0.00	36.79 2.32 0.00	34.69 2.15 -0.51	36.68 2.17 0.00	40.56 1.73 0.00	36.54 1.16 0.00	44.79 1.53 0.00	48.09 1.97 0.00	48.47 1.36 0.00
BARRETT_IC_7 23710	51.37 1.45 0.00	44.14 0.88 0.00	39.07 0.59 0.00	37.89 0.58 0.00	38.43 0.74 0.00	38.15 0.98 0.00	37.87 1.46 0.00	40.46 1.85 0.00	42.60 1.93 0.00	41.96 1.88 0.00	45.90 2.57 0.00	43.13 2.74 0.00	47.74 3.52 0.00	45.06 3.29 0.00	33.59 2.33 0.00	34.71 2.22 0.00	36.80 2.33 0.00	34.69 2.15 -0.51	36.69 2.17 0.00	40.55 1.72 0.00	36.54 1.16 0.00	44.79 1.53 0.00	48.08 1.96 0.00	48.47 1.35 0.00
BARRETT_IC_8 23711	51.36 1.44 0.00	44.14 0.88 0.00	39.06 0.58 0.00	37.88 0.57 0.00	38.43 0.75 0.00	38.14 0.98 0.00	37.86 1.45 0.00	40.46 1.85 0.00	42.60 1.94 0.00	41.96 1.88 0.00	45.90 2.57 0.00	43.13 2.74 0.00	47.75 3.53 0.00	45.07 3.29 0.00	33.59 2.33 0.00	34.70 2.20 0.00	36.79 2.32 0.00	34.69 2.15 -0.51	36.68 2.17 0.00	40.56 1.73 0.00	36.54 1.16 0.00	44.79 1.53 0.00	48.09 1.97 0.00	48.47 1.36 0.00
BARRETT_IC_9 23700	51.36 1.44 0.00	44.14 0.88 0.00	39.06 0.58 0.00	37.88 0.57 0.00	38.43 0.75 0.00	38.14 0.98 0.00	37.86 1.45 0.00	40.46 1.85 0.00	42.60 1.94 0.00	41.96 1.88 0.00	45.90 2.57 0.00	43.13 2.74 0.00	47.75 3.53 0.00	45.07 3.29 0.00	33.59 2.33 0.00	34.70 2.20 0.00	36.79 2.32 0.00	34.69 2.15 -0.51	36.68 2.17 0.00	40.56 1.73 0.00	36.54 1.16 0.00	44.79 1.53 0.00	48.09 1.97 0.00	48.47 1.36 0.00
BARRETT___1 23545	51.36 1.44 0.00	44.14 0.88 0.00	39.06 0.58 0.00	37.88 0.57 0.00	38.43 0.75 0.00	38.14 0.98 0.00	37.86 1.45 0.00	40.46 1.85 0.00	42.60 1.94 0.00	41.96 1.88 0.00	45.90 2.57 0.00	43.13 2.74 0.00	47.75 3.53 0.00	45.07 3.29 0.00	33.59 2.33 0.00	34.70 2.20 0.00	36.79 2.32 0.00	34.69 2.15 -0.51	36.68 2.17 0.00	40.56 1.73 0.00	36.54 1.16 0.00	44.79 1.53 0.00	48.09 1.97 0.00	48.47 1.36 0.00
BARRETT___2 23546	51.36 1.44 0.00	44.14 0.88 0.00	39.06 0.58 0.00	37.88 0.57 0.00	38.43 0.75 0.00	38.14 0.98 0.00	37.86 1.45 0.00	40.46 1.85 0.00	42.60 1.94 0.00	41.96 1.88 0.00	45.90 2.57 0.00	43.13 2.74 0.00	47.75 3.53 0.00	45.07 3.29 0.00	33.59 2.33 0.00	34.70 2.20 0.00	36.79 2.32 0.00	34.69 2.15 -0.51	36.68 2.17 0.00	40.56 1.73 0.00	36.54 1.16 0.00	44.79 1.53 0.00	48.09 1.97 0.00	48.47 1.36 0.00
BATAVIA__115KV_TB1 55881	51.98 2.05 0.00	45.42 2.16 0.00	40.18 1.70 0.00	39.03 1.73 0.00	39.22 1.54 0.00	38.57 1.40 0.00	37.98 1.57 0.00	40.01 1.40 0.00	42.30 1.63 0.00	42.25 2.17 0.00	46.02 2.69 0.00	42.15 1.76 0.00	46.68 2.46 0.00	48.51 3.10 -3.63	90.59 1.96 -57.37	67.35 2.36 -32.50	48.18 2.16 -11.55	55.44 1.99 -21.40	49.62 2.36 -12.75	44.05 2.14 -3.08	36.42 1.04 0.00	45.12 1.86 0.00	47.84 1.72 0.00	48.85 1.73 0.00
BAYONEEC___CTG1 323682	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG10 323750	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG2 323683	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG3 323684	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG4 323685	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG5 323686	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG6 323687	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG7 323688	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00

BAYONEEC___CTG8 323689	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYONEEC___CTG9 323749	51.42 1.50 0.00	44.16 0.90 0.00	39.18 0.70 0.00	37.94 0.64 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.95 1.54 0.00	40.49 1.88 0.00	42.66 1.99 0.00	42.08 2.00 0.00	45.76 2.43 0.00	43.09 2.69 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.60 2.33 0.00	34.69 2.20 0.00	36.64 2.16 0.00	33.93 1.90 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.65 1.28 0.00	44.73 1.47 0.00	47.99 1.87 0.00	48.47 1.35 0.00
BAYPORT_69_KV_BK 2 356364	52.21 2.29 0.00	44.88 1.62 0.00	39.62 1.15 0.00	38.51 1.20 0.00	39.12 1.43 0.00	38.65 1.49 0.00	38.60 2.19 0.00	41.34 2.72 0.00	43.71 3.04 0.00	42.95 2.86 0.00	46.79 3.46 0.00	43.89 3.50 0.00	48.76 4.55 0.00	46.11 4.33 0.00	34.31 3.05 0.00	35.34 2.84 0.00	37.55 3.07 0.00	35.22 2.67 -0.51	37.35 2.84 0.00	41.53 2.70 0.00	37.40 2.02 0.00	45.85 2.59 0.00	49.21 3.09 0.00	49.44 2.32 0.00
BEACON___LESR 323632	50.50 0.58 0.00	43.80 0.54 0.00	38.96 0.48 0.00	37.95 0.65 0.00	38.29 0.61 0.00	38.06 0.89 0.00	37.46 1.05 0.00	39.92 1.30 0.00	41.97 1.31 0.00	41.11 1.03 0.00	44.00 0.67 0.00	41.26 0.86 0.00	45.09 0.87 0.00	42.68 0.90 0.00	31.82 0.56 0.00	33.18 0.69 0.00	35.11 0.64 0.00	32.62 0.58 0.00	35.11 0.60 0.00	39.04 0.21 0.00	35.79 0.41 0.00	43.47 0.21 0.00	46.63 0.51 0.00	47.49 0.37 0.00
BEAVER RIVER___HYD 24048	51.76 1.83 0.00	44.59 1.33 0.00	39.52 1.04 0.00	38.27 0.97 0.00	38.67 0.98 0.00	38.19 1.03 0.00	37.72 1.31 0.00	39.88 1.27 0.00	42.20 1.54 0.00	41.70 1.62 0.00	44.40 1.07 0.00	41.06 0.67 0.00	43.92 -0.30 0.00	41.20 -0.57 0.00	31.19 -0.08 0.00	32.05 -0.45 0.00	34.87 0.40 0.00	32.73 0.69 0.00	35.25 0.73 0.00	39.78 0.95 0.00	35.62 0.24 0.00	43.67 0.41 0.00	46.12 0.00 0.00	47.93 0.81 0.00
BEEBEE_GT_13 23619	51.05 1.13 0.00	44.48 1.22 0.00	39.40 0.93 0.00	38.23 0.93 0.00	38.49 0.80 0.00	37.90 0.74 0.00	37.28 0.87 0.00	39.35 0.73 0.00	41.57 0.90 0.00	41.53 1.45 0.00	45.21 1.88 0.00	41.91 1.51 0.00	46.35 2.14 0.00	49.17 2.31 -5.08	113.17 1.55 -80.36	80.01 1.99 -45.53	52.76 2.11 -16.18	63.81 1.79 -29.98	54.41 2.04 -17.86	45.00 1.85 -4.32	36.48 1.10 0.00	44.99 1.73 0.00	47.71 1.59 0.00	48.57 1.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	51.86 1.94 0.00	44.56 1.30 0.00	39.52 1.04 0.00	38.25 0.95 0.00	38.75 1.07 0.00	38.60 1.43 0.00	38.32 1.91 0.00	40.88 2.26 0.00	43.02 2.35 0.00	42.43 2.34 0.00	46.15 2.82 0.00	43.43 3.04 0.00	47.97 3.75 0.00	45.37 3.59 0.00	33.87 2.61 0.00	34.94 2.45 0.00	36.93 2.45 0.00	34.19 2.15 0.00	36.68 2.17 0.00	40.79 1.96 0.00	36.95 1.57 0.00	45.13 1.87 0.00	48.39 2.27 0.00	48.87 1.75 0.00
BETHLEHEM___GRP 23843	49.67 -0.25 0.00	43.22 -0.04 0.00	38.49 0.01 0.00	37.45 0.15 0.00	37.82 0.14 0.00	37.55 0.38 0.00	36.90 0.49 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.47 0.39 0.00	43.38 0.05 0.00	40.70 0.31 0.00	44.35 0.13 0.00	41.93 0.15 0.00	31.39 0.13 0.00	32.70 0.21 0.00	34.56 0.08 0.00	32.07 0.04 0.00	34.56 0.04 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.80 -0.46 0.00	45.83 -0.28 0.00	46.76 -0.36 0.00
BETHLEHEM___GS1 323560	49.66 -0.26 0.00	43.21 -0.05 0.00	38.47 0.00 0.00	37.47 0.16 0.00	37.83 0.14 0.00	37.55 0.38 0.00	36.89 0.48 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.48 0.40 0.00	43.39 0.06 0.00	40.70 0.31 0.00	44.36 0.14 0.00	41.92 0.14 0.00	31.39 0.13 0.00	32.69 0.20 0.00	34.56 0.08 0.00	32.07 0.03 0.00	34.54 0.03 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.79 -0.47 0.00	45.84 -0.28 0.00	46.77 -0.35 0.00
BETHLEHEM___GS2 323561	49.66 -0.26 0.00	43.21 -0.05 0.00	38.47 0.00 0.00	37.47 0.16 0.00	37.83 0.14 0.00	37.55 0.38 0.00	36.89 0.48 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.48 0.40 0.00	43.39 0.06 0.00	40.70 0.31 0.00	44.36 0.14 0.00	41.92 0.14 0.00	31.39 0.13 0.00	32.69 0.20 0.00	34.56 0.08 0.00	32.07 0.03 0.00	34.54 0.03 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.79 -0.47 0.00	45.84 -0.28 0.00	46.77 -0.35 0.00
BETHLEHEM___GS3 323562	49.66 -0.26 0.00	43.21 -0.05 0.00	38.47 0.00 0.00	37.47 0.16 0.00	37.83 0.14 0.00	37.55 0.38 0.00	36.89 0.48 0.00	39.28 0.67 0.00	41.32 0.65 0.00	40.48 0.40 0.00	43.39 0.06 0.00	40.70 0.31 0.00	44.36 0.14 0.00	41.92 0.14 0.00	31.39 0.13 0.00	32.69 0.20 0.00	34.56 0.08 0.00	32.07 0.03 0.00	34.54 0.03 0.00	38.40 -0.43 0.00	35.21 -0.17 0.00	42.79 -0.47 0.00	45.84 -0.28 0.00	46.77 -0.35 0.00
BETHLEHEM___STEEL 23779	50.96 1.04 0.00	44.57 1.30 0.00	39.44 0.96 0.00	38.28 0.98 0.00	38.45 0.76 0.00	37.70 0.54 0.00	36.99 0.58 0.00	38.75 0.13 0.00	40.86 0.20 0.00	41.24 1.15 0.00	45.32 2.00 0.00	42.01 1.61 0.00	46.61 2.39 0.00	45.86 2.34 -1.74	60.35 1.51 -27.58	50.37 2.26 -15.63	42.19 2.17 -5.55	43.99 1.66 -10.29	42.59 1.94 -6.13	41.84 1.53 -1.48	36.32 0.94 0.00	45.16 1.90 0.00	47.87 1.75 0.00	48.72 1.60 0.00
BETHLHEM_115KV_TB1 79974	49.78 -0.14 0.00	43.29 0.03 0.00	38.55 0.07 0.00	37.49 0.19 0.00	37.86 0.17 0.00	37.57 0.40 0.00	36.93 0.52 0.00	39.29 0.68 0.00	41.33 0.67 0.00	40.52 0.44 0.00	43.50 0.17 0.00	40.80 0.40 0.00	44.48 0.26 0.00	42.04 0.27 0.00	31.47 0.21 0.00	32.77 0.28 0.00	34.64 0.17 0.00	32.15 0.12 0.00	34.64 0.12 0.00	38.52 -0.31 0.00	35.29 -0.09 0.00	42.91 -0.35 0.00	45.95 -0.17 0.00	46.88 -0.24 0.00
BETHPAGE_CC_5 323564	51.56 1.64 0.00	44.31 1.05 0.00	39.20 0.72 0.00	38.02 0.72 0.00	38.58 0.90 0.00	38.27 1.11 0.00	38.06 1.65 0.00	40.70 2.08 0.00	42.90 2.24 0.00	42.23 2.15 0.00	46.12 2.79 0.00	43.32 2.92 0.00	47.93 3.72 0.00	45.22 3.44 0.00	33.68 2.41 0.00	34.69 2.20 0.00	36.79 2.32 0.00	34.65 2.10 -0.51	36.68 2.16 0.00	40.67 1.85 0.00	36.62 1.24 0.00	44.96 1.70 0.00	48.32 2.20 0.00	48.72 1.60 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	51.06 1.14 0.00	44.65 1.39 0.00	39.51 1.03 0.00	38.33 1.03 0.00	38.49 0.81 0.00	37.76 0.59 0.00	37.06 0.65 0.00	38.82 0.20 0.00	40.98 0.32 0.00	41.36 1.28 0.00	45.50 2.17 0.00	42.15 1.75 0.00	46.72 2.50 0.00	45.96 2.46 -1.72	60.14 1.62 -27.26	50.33 2.39 -15.44	42.27 2.31 -5.49	44.01 1.80 -10.17	42.64 2.07 -6.06	41.98 1.69 -1.47	36.43 1.05 0.00	45.30 2.05 0.00	48.01 1.89 0.00	48.84 1.73 0.00

BINGHAMTON___COGEN 23790	50.32 0.40 0.00	43.43 0.17 0.00	38.61 0.13 0.00	37.34 0.04 0.00	37.81 0.12 0.00	37.35 0.18 0.00	36.78 0.38 0.00	38.98 0.36 0.00	41.08 0.42 0.00	40.64 0.56 0.00	44.27 0.94 0.00	41.14 0.75 0.00	45.16 0.94 0.00	42.68 0.90 0.00	31.91 0.64 0.00	33.47 0.98 0.00	35.41 0.94 0.00	32.95 0.91 0.00	35.47 0.96 0.00	39.53 0.70 0.00	35.89 0.51 0.00	43.95 0.69 0.00	46.84 0.72 0.00	47.58 0.46 0.00
BIXINCNT_115KV_LOAD 355685	51.61 1.68 0.00	44.81 1.55 0.00	39.70 1.22 0.00	38.40 1.10 0.00	38.60 0.92 0.00	37.92 0.76 0.00	37.33 0.92 0.00	39.21 0.59 0.00	41.12 0.45 0.00	41.50 1.42 0.00	46.17 2.85 0.00	42.64 2.25 0.00	47.48 3.27 0.00	46.09 2.80 -1.51	57.10 1.96 -23.87	48.89 2.87 -13.52	42.12 2.84 -4.81	43.33 2.39 -8.91	42.00 2.18 -5.30	42.31 2.20 -1.28	36.50 1.12 0.00	45.72 2.46 0.00	48.45 2.34 0.00	49.12 2.00 0.00
BLACK RIVER___HYD 24047	52.22 2.30 0.00	44.87 1.61 0.00	39.69 1.22 0.00	38.49 1.19 0.00	38.90 1.21 0.00	38.42 1.25 0.00	38.03 1.62 0.00	40.22 1.60 0.00	42.62 1.95 0.00	42.13 2.05 0.00	44.76 1.43 0.00	41.45 1.06 0.00	43.88 -0.34 0.00	41.27 -0.50 0.00	31.34 0.08 0.00	32.21 -0.28 0.00	35.39 0.92 0.00	33.32 1.28 0.00	35.92 1.41 0.00	40.38 1.55 0.00	36.08 0.70 0.00	44.25 0.99 0.00	46.65 0.53 0.00	48.55 1.43 0.00
BLACKRVR_115KV_TB2 79977	52.21 2.29 0.00	44.87 1.61 0.00	39.69 1.21 0.00	38.48 1.18 0.00	38.90 1.22 0.00	38.42 1.25 0.00	38.02 1.61 0.00	40.23 1.61 0.00	42.62 1.95 0.00	42.14 2.05 0.00	44.76 1.43 0.00	41.45 1.06 0.00	43.88 -0.34 0.00	41.27 -0.51 0.00	31.34 0.08 0.00	32.21 -0.28 0.00	35.39 0.92 0.00	33.31 1.28 0.00	35.90 1.39 0.00	40.38 1.55 0.00	36.08 0.70 0.00	44.25 0.99 0.00	46.65 0.53 0.00	48.55 1.43 0.00
BLISS_WT_PWR 323608	33.63 1.69 17.98	18.45 1.60 26.41	22.14 1.23 17.57	18.11 1.08 20.28	29.36 0.87 9.20	32.51 0.72 5.37	29.87 0.94 7.49	36.68 0.54 2.48	37.68 0.39 3.37	38.53 1.35 2.90	46.19 2.87 0.00	42.64 2.25 0.00	47.48 3.27 0.00	46.09 2.81 -1.51	57.09 1.95 -23.87	48.98 2.97 -13.52	42.15 2.87 -4.81	43.37 2.42 -8.91	42.12 2.30 -5.30	42.30 2.20 -1.28	35.99 1.07 0.46	45.34 2.46 0.37	48.21 2.32 0.23	49.10 1.98 0.00
BLUESTONE___WT_PWR 323821	56.92 2.48 -4.52	51.84 1.93 -6.64	44.51 1.62 -4.42	43.89 1.48 -5.10	41.62 1.62 -2.31	40.32 1.80 -1.35	40.29 1.99 -1.88	40.57 1.33 -0.62	42.64 1.13 -0.85	41.89 1.08 -0.73	44.74 1.41 0.00	42.29 1.90 0.00	45.41 1.19 0.00	42.97 1.19 0.00	32.04 0.78 0.00	33.95 1.45 0.00	35.98 1.51 0.00	33.53 1.49 0.00	35.92 1.41 0.00	39.64 0.82 0.00	35.96 0.47 -0.11	43.98 0.63 -0.09	47.45 1.28 -0.06	47.87 0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	50.42 0.50 0.00	43.78 0.51 0.00	38.98 0.50 0.00	37.90 0.60 0.00	38.27 0.58 0.00	37.91 0.75 0.00	37.26 0.85 0.00	39.59 0.97 0.00	41.66 0.99 0.00	40.86 0.77 0.00	43.97 0.64 0.00	40.98 0.59 0.00	44.15 -0.07 0.00	41.53 -0.24 0.00	31.04 -0.22 0.00	32.26 -0.23 0.00	34.19 -0.29 0.00	31.83 -0.21 0.00	34.33 -0.18 0.00	38.30 -0.53 0.00	35.02 -0.36 0.00	42.63 -0.63 0.00	45.59 -0.53 0.00	46.90 -0.22 0.00
BOC_GAS_DRP 24189	50.04 0.12 0.00	43.38 0.12 0.00	38.62 0.14 0.00	37.50 0.20 0.00	37.89 0.21 0.00	37.52 0.36 0.00	36.93 0.52 0.00	39.24 0.62 0.00	41.28 0.62 0.00	40.58 0.50 0.00	43.79 0.47 0.00	40.98 0.58 0.00	44.82 0.60 0.00	42.32 0.55 0.00	31.68 0.42 0.00	32.91 0.42 0.00	34.84 0.37 0.00	32.36 0.32 0.00	34.83 0.32 0.00	38.84 0.01 0.00	35.45 0.07 0.00	43.20 -0.06 0.00	46.20 0.08 0.00	47.14 0.03 0.00
BOONVILLE_115KV_TB1 79983	51.39 1.46 0.00	44.38 1.12 0.00	39.39 0.91 0.00	38.16 0.85 0.00	38.55 0.86 0.00	38.11 0.95 0.00	37.54 1.13 0.00	39.79 1.17 0.00	42.01 1.34 0.00	41.47 1.39 0.00	44.62 1.29 0.00	41.44 1.04 0.00	44.98 0.76 0.00	42.03 0.25 0.00	31.60 0.33 0.00	32.79 0.30 0.00	35.23 0.76 0.00	32.93 0.89 0.00	35.53 1.02 0.00	39.99 1.16 0.00	36.10 0.72 0.00	44.13 0.87 0.00	46.75 0.64 0.00	48.03 0.92 0.00
BORALEX_4TH_BRANCH 23824	51.45 1.53 0.00	45.04 1.77 0.00	40.01 1.53 0.00	39.05 1.74 0.00	39.41 1.73 0.00	39.10 1.94 0.00	38.26 1.85 0.00	40.84 2.23 0.00	42.96 2.29 0.00	41.74 1.66 0.00	44.44 1.11 0.00	41.62 1.23 0.00	45.44 1.22 0.00	42.98 1.21 0.00	32.03 0.77 0.00	33.55 1.06 0.00	35.21 0.74 0.00	32.65 0.61 0.00	35.23 0.72 0.00	39.28 0.45 0.00	36.40 1.02 0.00	44.16 0.90 0.00	47.49 1.37 0.00	48.43 1.31 0.00
BOWLINE___1 23526	51.02 1.10 0.00	43.81 0.55 0.00	38.87 0.39 0.00	37.65 0.34 0.00	38.11 0.43 0.00	37.92 0.75 0.00	37.53 1.12 0.00	40.03 1.41 0.00	42.10 1.44 0.00	41.56 1.48 0.00	45.21 1.88 0.00	42.55 2.16 0.00	47.03 2.82 0.00	44.41 2.63 0.00	33.15 1.89 0.00	34.28 1.79 0.00	36.26 1.78 0.00	33.59 1.55 0.00	36.09 1.57 0.00	40.13 1.31 0.00	36.35 0.97 0.00	44.27 1.01 0.00	47.49 1.37 0.00	48.03 0.91 0.00
BOWLINE___2 23595	51.02 1.10 0.00	43.80 0.54 0.00	38.86 0.38 0.00	37.64 0.34 0.00	38.11 0.42 0.00	37.91 0.74 0.00	37.52 1.11 0.00	40.01 1.40 0.00	42.11 1.45 0.00	41.56 1.48 0.00	45.21 1.88 0.00	42.55 2.16 0.00	47.03 2.82 0.00	44.40 2.62 0.00	33.11 1.84 0.00	34.22 1.73 0.00	36.21 1.73 0.00	33.54 1.50 0.00	36.02 1.51 0.00	40.06 1.23 0.00	36.29 0.91 0.00	44.20 0.94 0.00	47.41 1.29 0.00	47.95 0.83 0.00
BRADY___115KV_TB2 356060	51.13 1.21 0.00	44.48 1.22 0.00	39.61 1.14 0.00	38.41 1.11 0.00	38.77 1.08 0.00	38.13 0.97 0.00	37.30 0.89 0.00	39.41 0.79 0.00	41.45 0.78 0.00	40.70 0.62 0.00	43.68 0.35 0.00	40.54 0.15 0.00	44.15 -0.07 0.00	41.91 0.13 0.00	31.34 0.07 0.00	32.28 -0.21 0.00	34.59 0.12 0.00	32.22 0.18 0.00	34.71 0.19 0.00	39.58 0.75 0.00	36.09 0.71 0.00	44.02 0.76 0.00	46.87 0.75 0.00	48.23 1.11 0.00
BRANSCOMB___SOLAR 323811	51.75 1.82 0.00	44.89 1.63 0.00	39.92 1.44 0.00	38.86 1.55 0.00	39.23 1.55 0.00	38.95 1.78 0.00	38.30 1.89 0.00	40.77 2.15 0.00	42.92 2.25 0.00	41.92 1.84 0.00	44.81 1.48 0.00	41.91 1.51 0.00	45.80 1.59 0.00	43.29 1.51 0.00	32.26 1.00 0.00	33.51 1.02 0.00	35.62 1.14 0.00	33.24 1.20 0.00	35.95 1.44 0.00	40.18 1.35 0.00	36.85 1.47 0.00	44.77 1.52 0.00	47.85 1.73 0.00	48.77 1.65 0.00
BRDGHMPT_69_KV_BK1 55812	52.85 2.92 0.00	45.53 2.27 0.00	40.15 1.67 0.00	38.96 1.66 0.00	39.69 2.01 0.00	38.75 1.58 0.00	38.88 2.47 0.00	42.03 3.41 0.00	44.57 3.90 0.00	43.58 3.50 0.00	47.76 4.44 0.00	44.90 4.50 0.00	49.57 5.35 0.00	47.14 5.36 0.00	35.22 3.96 0.00	36.35 3.86 0.00	38.80 4.33 0.00	36.17 3.62 -0.51	38.09 3.58 0.00	42.40 3.58 0.00	37.98 2.60 0.00	46.36 3.11 0.00	49.69 3.58 0.00	49.98 2.86 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	51.93 2.00 0.00	44.68 1.41 0.00	39.47 0.99 0.00	38.32 1.01 0.00	38.92 1.24 0.00	38.54 1.37 0.00	38.43 2.02 0.00	41.00 2.38 0.00	43.27 2.61 0.00	42.56 2.48 0.00	46.44 3.11 0.00	43.59 3.19 0.00	48.32 4.10 0.00	45.60 3.82 0.00	33.90 2.64 0.00	34.93 2.44 0.00	37.10 2.62 0.00	34.90 2.35 -0.51	36.99 2.48 0.00	41.08 2.26 0.00	36.99 1.61 0.00	45.46 2.20 0.00	48.87 2.76 0.00	49.17 2.05 0.00
BRISTLHL_115KV_TB1 79998	49.13 -0.79 0.00	42.57 -0.70 0.00	37.81 -0.67 0.00	36.65 -0.65 0.00	37.02 -0.67 0.00	36.51 -0.65 0.00	35.92 -0.49 0.00	38.05 -0.57 0.00	40.11 -0.56 0.00	39.59 -0.49 0.00	42.83 -0.50 0.00	39.77 -0.62 0.00	43.21 -1.01 0.00	40.81 -0.96 0.00	30.59 -0.67 0.00	31.94 -0.55 0.00	34.04 -0.44 0.00	31.70 -0.34 0.00	34.16 -0.35 0.00	38.25 -0.57 0.00	34.86 -0.52 0.00	42.88 -0.38 0.00	45.63 -0.49 0.00	46.54 -0.58 0.00
BROOKHAVEN___DRP 24191	51.60 1.67 0.00	44.38 1.11 0.00	39.19 0.71 0.00	38.14 0.84 0.00	38.75 1.06 0.00	38.20 1.04 0.00	38.13 1.72 0.00	40.88 2.27 0.00	43.22 2.56 0.00	42.42 2.34 0.00	46.14 2.81 0.00	43.23 2.84 0.00	47.92 3.70 0.00	45.41 3.64 0.00	33.97 2.71 0.00	34.96 2.47 0.00	37.17 2.70 0.00	34.79 2.24 -0.51	36.94 2.42 0.00	41.09 2.26 0.00	36.99 1.61 0.00	45.27 2.01 0.00	48.56 2.45 0.00	48.87 1.75 0.00
BROOKLYN_NAVY_YARD 23515	51.36 1.44 0.00	44.12 0.85 0.00	39.13 0.65 0.00	37.88 0.58 0.00	38.37 0.68 0.00	38.21 1.05 0.00	37.91 1.50 0.00	40.47 1.85 0.00	42.64 1.98 0.00	42.07 1.99 0.00	45.68 2.35 0.00	43.06 2.66 0.00	47.57 3.35 0.00	44.91 3.13 0.00	33.54 2.28 0.00	34.63 2.14 0.00	36.57 2.10 0.00	33.87 1.83 0.00	36.36 1.84 0.00	40.45 1.62 0.00	36.62 1.24 0.00	44.67 1.42 0.00	47.99 1.87 0.00	48.45 1.33 0.00
BROOKLYN___ARMY_DRP 323595	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
BROOME_2_LFGE 323671	56.66 0.40 -6.34	52.75 0.17 -9.32	44.82 0.14 -6.20	44.50 0.04 -7.16	41.05 0.12 -3.25	39.25 0.19 -1.90	39.44 0.39 -2.64	39.85 0.36 -0.87	42.27 0.42 -1.19	41.66 0.56 -1.02	44.26 0.94 0.00	41.14 0.75 0.00	45.16 0.94 0.00	42.68 0.90 0.00	31.91 0.64 0.00	33.49 1.00 0.00	35.42 0.95 0.00	32.96 0.92 0.00	35.51 0.99 0.00	39.54 0.71 0.00	36.05 0.51 -0.16	44.08 0.69 -0.13	46.92 0.73 -0.08	47.58 0.46 0.00
BROOME___LFGE 323600	56.66 0.40 -6.34	52.75 0.17 -9.32	44.82 0.14 -6.20	44.50 0.04 -7.16	41.05 0.12 -3.25	39.25 0.19 -1.90	39.44 0.39 -2.64	39.85 0.36 -0.87	42.27 0.42 -1.19	41.66 0.56 -1.02	44.26 0.94 0.00	41.14 0.75 0.00	45.16 0.94 0.00	42.68 0.90 0.00	31.91 0.64 0.00	33.49 1.00 0.00	35.42 0.95 0.00	32.96 0.92 0.00	35.51 0.99 0.00	39.54 0.71 0.00	36.05 0.51 -0.16	44.08 0.69 -0.13	46.92 0.73 -0.08	47.58 0.46 0.00
BROWNFLS_115KV_TB 3_5 80003	51.00 1.08 0.00	44.20 0.94 0.00	39.28 0.81 0.00	38.08 0.77 0.00	38.44 0.76 0.00	37.87 0.70 0.00	37.19 0.78 0.00	39.33 0.71 0.00	41.49 0.82 0.00	40.87 0.79 0.00	43.73 0.40 0.00	40.56 0.17 0.00	43.68 -0.54 0.00	41.25 -0.52 0.00	30.89 -0.38 0.00	31.68 -0.82 0.00	34.03 -0.44 0.00	31.78 -0.26 0.00	34.24 -0.27 0.00	38.92 0.09 0.00	35.29 -0.09 0.00	43.20 -0.06 0.00	45.99 -0.13 0.00	47.70 0.58 0.00
BROWNSV1_27_KV_LOAD 356125	51.88 1.96 0.00	44.54 1.28 0.00	39.50 1.02 0.00	38.24 0.94 0.00	38.74 1.06 0.00	38.57 1.40 0.00	38.28 1.87 0.00	40.84 2.23 0.00	43.02 2.36 0.00	42.44 2.36 0.00	46.17 2.84 0.00	43.45 3.06 0.00	48.01 3.80 0.00	45.36 3.59 0.00	33.86 2.60 0.00	35.00 2.51 0.00	36.93 2.46 0.00	34.21 2.17 0.00	36.72 2.21 0.00	40.81 1.98 0.00	36.96 1.57 0.00	45.12 1.86 0.00	48.40 2.28 0.00	48.89 1.77 0.00
BURROWS___LYONSDAL 23803	51.46 1.54 0.00	44.41 1.15 0.00	39.42 0.94 0.00	38.17 0.86 0.00	38.56 0.88 0.00	38.11 0.95 0.00	37.58 1.17 0.00	39.79 1.17 0.00	42.04 1.37 0.00	41.52 1.43 0.00	44.54 1.21 0.00	41.32 0.93 0.00	44.72 0.51 0.00	41.81 0.03 0.00	31.50 0.23 0.00	32.59 0.10 0.00	35.12 0.65 0.00	32.85 0.82 0.00	35.42 0.91 0.00	39.90 1.07 0.00	35.92 0.54 0.00	43.95 0.69 0.00	46.47 0.36 0.00	47.92 0.80 0.00
CAITHNESS_CC_1 323624	51.52 1.60 0.00	44.32 1.05 0.00	39.13 0.65 0.00	38.07 0.77 0.00	38.68 0.99 0.00	38.17 1.00 0.00	38.07 1.66 0.00	40.81 2.19 0.00	43.14 2.47 0.00	42.35 2.27 0.00	46.10 2.77 0.00	43.20 2.81 0.00	47.90 3.68 0.00	45.36 3.58 0.00	33.87 2.60 0.00	34.84 2.35 0.00	37.03 2.55 0.00	34.68 2.14 -0.51	36.79 2.27 0.00	40.93 2.10 0.00	36.85 1.47 0.00	45.15 1.88 0.00	48.48 2.36 0.00	48.77 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	51.56 1.64 0.00	44.31 1.05 0.00	39.21 0.73 0.00	38.03 0.73 0.00	38.59 0.90 0.00	38.30 1.13 0.00	38.06 1.65 0.00	40.70 2.08 0.00	42.90 2.24 0.00	42.24 2.16 0.00	46.13 2.79 0.00	43.33 2.93 0.00	47.97 3.75 0.00	45.25 3.47 0.00	33.70 2.44 0.00	34.69 2.20 0.00	36.77 2.29 0.00	34.64 2.09 -0.51	36.66 2.15 0.00	40.64 1.81 0.00	36.61 1.24 0.00	45.00 1.75 0.00	48.32 2.20 0.00	48.70 1.59 0.00
CALPINE_BETH_PAGE_GT_4 323586	51.55 1.63 0.00	44.31 1.05 0.00	39.20 0.73 0.00	38.03 0.72 0.00	38.59 0.90 0.00	38.30 1.13 0.00	38.05 1.64 0.00	40.69 2.08 0.00	42.90 2.24 0.00	42.24 2.16 0.00	46.12 2.79 0.00	43.33 2.93 0.00	47.97 3.75 0.00	45.25 3.47 0.00	33.70 2.44 0.00	34.68 2.19 0.00	36.76 2.29 0.00	34.63 2.09 -0.51	36.65 2.14 0.00	40.64 1.81 0.00	36.61 1.23 0.00	45.00 1.75 0.00	48.32 2.20 0.00	48.71 1.59 0.00
CALPINE_BP_GT1 23823	51.55 1.63 0.00	44.31 1.05 0.00	39.20 0.73 0.00	38.03 0.72 0.00	38.59 0.90 0.00	38.30 1.13 0.00	38.05 1.64 0.00	40.69 2.08 0.00	42.90 2.24 0.00	42.24 2.16 0.00	46.12 2.79 0.00	43.33 2.93 0.00	47.97 3.75 0.00	45.25 3.47 0.00	33.70 2.44 0.00	34.68 2.19 0.00	36.76 2.29 0.00	34.63 2.09 -0.51	36.65 2.14 0.00	40.64 1.81 0.00	36.61 1.23 0.00	45.00 1.75 0.00	48.32 2.20 0.00	48.71 1.59 0.00
CALSPAN___DRP 24200	50.96 1.04 0.00	44.57 1.30 0.00	39.44 0.96 0.00	38.28 0.98 0.00	38.45 0.76 0.00	37.70 0.54 0.00	36.99 0.58 0.00	38.75 0.13 0.00	40.86 0.20 0.00	41.24 1.15 0.00	45.32 2.00 0.00	42.01 1.61 0.00	46.61 2.39 0.00	45.86 2.34 -1.74	60.35 1.51 -27.58	50.37 2.26 -15.63	42.19 2.17 -5.55	43.99 1.66 -10.29	42.59 1.94 -6.13	41.84 1.53 -1.48	36.32 0.94 0.00	45.16 1.90 0.00	47.87 1.75 0.00	48.72 1.60 0.00

CALVERTON___SOLAR 323806	51.73 1.80 0.00	44.49 1.22 0.00	39.28 0.80 0.00	38.23 0.93 0.00	38.86 1.17 0.00	38.27 1.10 0.00	38.18 1.77 0.00	40.99 2.37 0.00	43.35 2.68 0.00	42.53 2.45 0.00	46.25 2.92 0.00	43.33 2.94 0.00	48.03 3.81 0.00	45.56 3.78 0.00	34.11 2.84 0.00	35.11 2.62 0.00	37.35 2.87 0.00	34.93 2.38 -0.51	37.09 2.58 0.00	41.30 2.47 0.00	37.16 1.78 0.00	45.41 2.15 0.00	48.71 2.59 0.00	49.01 1.89 0.00
CANDIGU_WT_PWR 323617	55.79 0.90 -4.96	51.27 0.71 -7.29	43.76 0.43 -4.85	42.99 0.09 -5.60	40.31 0.09 -2.54	38.57 -0.08 -1.48	38.56 0.08 -2.07	38.96 -0.34 -0.69	41.18 -0.42 -0.93	40.91 0.03 -0.80	44.41 1.08 0.00	40.61 0.21 0.00	45.12 0.91 0.00	44.18 1.36 -1.04	48.38 0.73 -16.39	43.11 1.34 -9.28	39.14 1.37 -3.30	39.54 1.38 -6.12	39.82 1.66 -3.64	40.44 0.74 -0.88	36.04 0.53 -0.13	44.56 1.20 -0.10	47.10 0.92 -0.06	47.65 0.53 0.00
CARR STREET_E_SYR 24060	49.54 -0.39 0.00	42.91 -0.36 0.00	38.11 -0.36 0.00	36.92 -0.39 0.00	37.30 -0.39 0.00	36.84 -0.33 0.00	36.24 -0.17 0.00	38.38 -0.23 0.00	40.44 -0.22 0.00	39.92 -0.17 0.00	43.22 -0.11 0.00	40.15 -0.24 0.00	43.84 -0.37 0.00	41.42 -0.36 0.00	31.01 -0.25 0.00	32.45 -0.04 0.00	34.45 -0.03 0.00	32.07 0.03 0.00	34.57 0.06 0.00	38.64 -0.19 0.00	35.13 -0.25 0.00	43.14 -0.12 0.00	46.00 -0.12 0.00	46.91 -0.21 0.00
CARTHAGE___PAPER 23857	52.29 2.37 0.00	45.00 1.74 0.00	39.85 1.38 0.00	38.61 1.31 0.00	39.02 1.34 0.00	38.56 1.39 0.00	38.12 1.71 0.00	40.32 1.71 0.00	42.70 2.03 0.00	42.17 2.09 0.00	44.77 1.44 0.00	41.41 1.02 0.00	44.00 -0.22 0.00	41.33 -0.45 0.00	31.39 0.13 0.00	32.26 -0.23 0.00	35.30 0.82 0.00	33.20 1.16 0.00	35.78 1.27 0.00	40.35 1.53 0.00	36.10 0.72 0.00	44.24 0.98 0.00	46.66 0.54 0.00	48.51 1.39 0.00
CASSADAGA_WT_PWR 323784	34.28 1.15 16.80	19.88 1.29 24.68	23.01 0.95 16.42	19.20 0.84 18.95	29.84 0.75 8.59	32.80 0.66 5.02	30.18 0.77 7.00	36.70 0.39 2.31	37.31 -0.21 3.15	38.15 0.77 2.70	45.43 2.10 0.00	42.24 1.85 0.00	47.49 3.27 0.00	46.60 3.29 -1.53	57.66 2.22 -24.18	49.72 3.53 -13.70	42.51 3.17 -4.87	43.57 2.51 -9.02	43.14 3.25 -5.37	42.26 2.14 -1.30	36.59 1.64 0.43	45.85 2.94 0.35	49.15 3.24 0.21	49.43 2.31 0.00
CE_DUNWOOD___DRP 24194	51.29 1.36 0.00	44.07 0.81 0.00	39.10 0.63 0.00	37.88 0.58 0.00	38.35 0.67 0.00	38.16 0.99 0.00	37.82 1.41 0.00	40.34 1.72 0.00	42.49 1.82 0.00	41.90 1.82 0.00	45.57 2.24 0.00	42.87 2.48 0.00	47.34 3.12 0.00	44.72 2.95 0.00	33.40 2.13 0.00	34.52 2.03 0.00	36.49 2.02 0.00	33.82 1.78 0.00	36.31 1.80 0.00	40.36 1.54 0.00	36.56 1.18 0.00	44.58 1.32 0.00	47.78 1.66 0.00	48.30 1.18 0.00
CE_MILLWOOD___DRP 24193	51.15 1.23 0.00	43.95 0.68 0.00	39.01 0.53 0.00	37.78 0.48 0.00	38.24 0.56 0.00	38.05 0.88 0.00	37.70 1.29 0.00	40.20 1.58 0.00	42.32 1.66 0.00	41.74 1.65 0.00	45.38 2.05 0.00	42.69 2.30 0.00	47.16 2.94 0.00	44.54 2.76 0.00	33.27 2.00 0.00	34.40 1.91 0.00	36.36 1.89 0.00	33.70 1.66 0.00	36.21 1.70 0.00	40.25 1.42 0.00	36.46 1.08 0.00	44.45 1.19 0.00	47.66 1.55 0.00	48.21 1.09 0.00
CE_NYC2_DRP 24202	51.38 1.46 0.00	44.17 0.91 0.00	39.20 0.72 0.00	37.96 0.65 0.00	38.46 0.78 0.00	38.29 1.13 0.00	38.01 1.60 0.00	40.57 1.95 0.00	42.72 2.06 0.00	42.14 2.06 0.00	45.82 2.49 0.00	43.13 2.73 0.00	47.60 3.38 0.00	45.00 3.22 0.00	33.61 2.34 0.00	34.66 2.17 0.00	36.61 2.14 0.00	33.90 1.86 0.00	36.38 1.86 0.00	40.43 1.60 0.00	36.61 1.23 0.00	44.71 1.45 0.00	47.96 1.84 0.00	48.41 1.29 0.00
CE_NYC_DRP 24195	51.50 1.58 0.00	44.23 0.97 0.00	39.25 0.77 0.00	38.00 0.70 0.00	38.49 0.80 0.00	38.31 1.14 0.00	38.00 1.59 0.00	40.57 1.95 0.00	42.73 2.07 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.17 2.77 0.00	47.68 3.46 0.00	45.05 3.27 0.00	33.64 2.37 0.00	34.74 2.25 0.00	36.68 2.20 0.00	33.97 1.93 0.00	36.47 1.95 0.00	40.53 1.70 0.00	36.69 1.31 0.00	44.79 1.53 0.00	48.07 1.95 0.00	48.54 1.42 0.00
CHAFFEE___LFGE 323603	35.74 1.22 15.40	22.04 1.40 22.63	24.48 1.06 15.05	20.95 1.02 17.37	30.63 0.83 7.88	33.20 0.64 4.61	30.78 0.78 6.42	36.82 0.33 2.12	38.21 0.44 2.89	38.95 1.35 2.48	45.55 2.22 0.00	42.24 1.84 0.00	46.87 2.66 0.00	45.95 2.55 -1.62	58.60 1.69 -25.64	49.62 2.60 -14.53	42.10 2.47 -5.16	43.61 2.00 -9.57	42.66 2.45 -5.70	42.12 1.92 -1.38	36.21 1.22 0.39	45.10 2.16 0.32	47.98 2.05 0.19	48.92 1.80 0.00
CHATEAUG_35_KV_LOAD 355732	50.18 0.26 0.00	43.63 0.37 0.00	38.79 0.31 0.00	37.57 0.27 0.00	37.93 0.25 0.00	37.35 0.19 0.00	36.53 0.12 0.00	38.70 0.08 0.00	40.61 -0.05 0.00	39.98 -0.10 0.00	43.03 -0.30 0.00	40.16 -0.24 0.00	43.80 -0.41 0.00	41.39 -0.38 0.00	31.04 -0.23 0.00	32.08 -0.41 0.00	34.07 -0.41 0.00	31.72 -0.32 0.00	34.12 -0.39 0.00	38.68 -0.15 0.00	35.20 -0.18 0.00	42.78 -0.48 0.00	45.66 -0.45 0.00	47.21 0.09 0.00
CHATEAUG_WT_PWR 323614	50.18 0.25 0.00	43.61 0.34 0.00	38.78 0.30 0.00	37.55 0.24 0.00	37.93 0.25 0.00	37.34 0.18 0.00	36.51 0.09 0.00	38.68 0.07 0.00	40.66 0.00 0.00	39.99 -0.09 0.00	43.04 -0.29 0.00	40.16 -0.24 0.00	43.81 -0.41 0.00	41.41 -0.37 0.00	31.04 -0.23 0.00	32.08 -0.41 0.00	34.08 -0.39 0.00	31.67 -0.37 0.00	34.04 -0.47 0.00	38.57 -0.26 0.00	35.11 -0.27 0.00	42.68 -0.58 0.00	45.56 -0.55 0.00	47.20 0.08 0.00
CHAT_HIGH_FALL_HYD 323578	50.18 0.26 0.00	43.63 0.37 0.00	38.79 0.31 0.00	37.57 0.27 0.00	37.93 0.25 0.00	37.35 0.19 0.00	36.53 0.12 0.00	38.70 0.08 0.00	40.61 -0.05 0.00	39.98 -0.10 0.00	43.03 -0.30 0.00	40.16 -0.24 0.00	43.80 -0.41 0.00	41.39 -0.38 0.00	31.04 -0.23 0.00	32.08 -0.41 0.00	34.07 -0.41 0.00	31.72 -0.32 0.00	34.12 -0.39 0.00	38.68 -0.15 0.00	35.20 -0.18 0.00	42.78 -0.48 0.00	45.66 -0.45 0.00	47.21 0.09 0.00
CHAUTAUQUA___LFGE 323629	35.58 1.07 15.41	21.74 1.12 22.64	24.28 0.87 15.06	20.66 0.73 17.38	30.46 0.66 7.88	33.09 0.53 4.61	30.63 0.64 6.42	36.70 0.20 2.12	37.77 -0.01 2.89	38.49 0.89 2.48	45.35 2.02 0.00	42.05 1.66 0.00	46.96 2.74 0.00	46.11 2.74 -1.60	58.37 1.82 -25.29	49.74 2.92 -14.33	42.19 2.63 -5.09	43.60 2.12 -9.44	42.88 2.74 -5.62	42.04 1.86 -1.36	36.31 1.33 0.39	45.36 2.42 0.32	48.40 2.47 0.19	48.95 1.83 0.00
CHERRYST_13_KV_LD 356241	51.67 1.74 0.00	44.36 1.10 0.00	39.36 0.89 0.00	38.11 0.81 0.00	38.60 0.91 0.00	38.43 1.26 0.00	38.14 1.72 0.00	40.71 2.09 0.00	42.89 2.23 0.00	42.32 2.24 0.00	46.04 2.71 0.00	43.33 2.94 0.00	47.88 3.66 0.00	45.23 3.46 0.00	33.76 2.50 0.00	34.90 2.41 0.00	36.83 2.36 0.00	34.11 2.07 0.00	36.60 2.09 0.00	40.67 1.85 0.00	36.82 1.44 0.00	44.94 1.68 0.00	48.22 2.10 0.00	48.68 1.56 0.00

CHESTROR_138KV_BK263 355645	50.90 0.97 0.00	43.76 0.50 0.00	38.85 0.38 0.00	37.63 0.33 0.00	38.09 0.40 0.00	37.85 0.69 0.00	37.43 1.02 0.00	39.87 1.26 0.00	41.96 1.29 0.00	41.40 1.32 0.00	45.00 1.67 0.00	42.29 1.90 0.00	46.68 2.47 0.00	44.11 2.33 0.00	32.94 1.68 0.00	34.10 1.61 0.00	36.09 1.62 0.00	33.47 1.43 0.00	35.99 1.47 0.00	40.04 1.21 0.00	36.31 0.93 0.00	44.22 0.97 0.00	47.37 1.26 0.00	47.97 0.85 0.00
CH_MIDHUDSON___DRP 24192	51.15 1.22 0.00	44.00 0.74 0.00	39.09 0.62 0.00	37.89 0.58 0.00	38.33 0.65 0.00	38.10 0.94 0.00	37.73 1.32 0.00	40.20 1.58 0.00	42.35 1.68 0.00	41.71 1.63 0.00	45.29 1.96 0.00	42.56 2.16 0.00	46.94 2.72 0.00	44.37 2.60 0.00	33.15 1.89 0.00	34.29 1.80 0.00	36.27 1.80 0.00	33.68 1.64 0.00	36.19 1.67 0.00	40.26 1.43 0.00	36.54 1.16 0.00	44.51 1.25 0.00	47.67 1.55 0.00	48.26 1.14 0.00
CH_MISC_IPPS 23765	51.51 1.59 0.00	44.28 1.02 0.00	39.32 0.85 0.00	38.09 0.79 0.00	38.54 0.86 0.00	38.32 1.16 0.00	37.93 1.52 0.00	40.44 1.83 0.00	42.60 1.94 0.00	42.01 1.93 0.00	45.64 2.31 0.00	42.90 2.50 0.00	47.36 3.14 0.00	44.75 2.97 0.00	33.42 2.16 0.00	34.56 2.07 0.00	36.59 2.11 0.00	33.96 1.92 0.00	36.50 1.99 0.00	40.62 1.79 0.00	36.83 1.45 0.00	44.85 1.59 0.00	48.01 1.89 0.00	48.58 1.46 0.00
CH_RES_BVR_FALLS 23983	49.91 -0.01 0.00	43.30 0.04 0.00	38.51 0.03 0.00	37.33 0.03 0.00	37.71 0.02 0.00	37.16 -0.01 0.00	36.37 -0.05 0.00	38.55 -0.06 0.00	40.59 -0.07 0.00	40.00 -0.08 0.00	43.20 -0.13 0.00	40.22 -0.17 0.00	43.98 -0.24 0.00	41.57 -0.20 0.00	31.15 -0.11 0.00	32.32 -0.17 0.00	34.32 -0.15 0.00	31.87 -0.16 0.00	34.32 -0.20 0.00	38.64 -0.19 0.00	35.20 -0.18 0.00	43.01 -0.25 0.00	45.80 -0.32 0.00	46.98 -0.14 0.00
CH_RES_NIAGARA 23895	49.42 -0.50 0.00	43.51 0.24 0.00	38.53 0.06 0.00	37.70 0.40 0.00	37.83 0.14 0.00	37.11 -0.06 0.00	36.34 -0.07 0.00	37.89 -0.72 0.00	39.90 -0.76 0.00	40.21 0.13 0.00	44.17 0.84 0.00	41.02 0.63 0.00	45.43 1.21 0.00	44.47 0.91 -1.79	59.76 0.26 -28.24	49.33 0.84 -16.00	40.77 0.61 -5.69	42.72 0.15 -10.54	41.09 0.30 -6.28	40.20 -0.14 -1.52	34.84 -0.53 0.00	43.40 0.14 0.00	46.18 0.06 0.00	47.44 0.32 0.00
CH_RES_SYRACUSE 23985	49.83 -0.09 0.00	43.13 -0.13 0.00	38.33 -0.15 0.00	37.10 -0.20 0.00	37.49 -0.20 0.00	37.01 -0.15 0.00	36.42 0.01 0.00	38.54 -0.07 0.00	40.64 -0.03 0.00	40.14 0.06 0.00	43.48 0.15 0.00	40.33 -0.06 0.00	43.97 -0.25 0.00	41.51 -0.27 0.00	31.08 -0.18 0.00	32.55 0.06 0.00	34.57 0.09 0.00	32.25 0.21 0.00	34.78 0.26 0.00	38.92 0.09 0.00	35.38 0.01 0.00	43.45 0.19 0.00	46.26 0.14 0.00	47.13 0.02 0.00
CLINTON_WT_PWR 323605	50.18 0.25 0.00	43.61 0.34 0.00	38.78 0.30 0.00	37.55 0.24 0.00	37.93 0.25 0.00	37.34 0.18 0.00	36.51 0.09 0.00	38.68 0.07 0.00	40.66 0.00 0.00	39.99 -0.09 0.00	43.04 -0.29 0.00	40.16 -0.24 0.00	43.81 -0.41 0.00	41.41 -0.37 0.00	31.04 -0.23 0.00	32.08 -0.41 0.00	34.08 -0.39 0.00	31.67 -0.37 0.00	34.04 -0.47 0.00	38.57 -0.26 0.00	35.11 -0.27 0.00	42.68 -0.58 0.00	45.56 -0.55 0.00	47.20 0.08 0.00
CLINTON___LFGE 323618	51.28 1.36 0.00	44.47 1.21 0.00	39.60 1.12 0.00	38.42 1.12 0.00	38.86 1.17 0.00	38.27 1.10 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.50 0.83 0.00	40.52 0.44 0.00	43.71 0.38 0.00	40.83 0.43 0.00	44.45 0.23 0.00	42.01 0.23 0.00	31.49 0.22 0.00	32.49 0.00 0.00	34.58 0.10 0.00	32.15 0.11 0.00	34.54 0.03 0.00	39.11 0.28 0.00	35.70 0.32 0.00	43.39 0.13 0.00	46.35 0.24 0.00	48.06 0.94 0.00
COBBLENY_34_KV_TB1 80064	51.15 1.23 0.00	44.64 1.38 0.00	39.51 1.04 0.00	38.32 1.02 0.00	38.53 0.84 0.00	37.81 0.64 0.00	37.13 0.72 0.00	38.94 0.33 0.00	41.10 0.43 0.00	41.45 1.37 0.00	45.56 2.22 0.00	42.24 1.84 0.00	46.88 2.66 0.00	45.94 2.55 -1.62	58.60 1.70 -25.64	49.52 2.50 -14.53	42.06 2.43 -5.16	43.57 1.96 -9.57	42.47 2.26 -5.70	42.11 1.90 -1.38	36.60 1.21 0.00	45.42 2.16 0.00	48.16 2.04 0.00	48.93 1.82 0.00
COFFEEN___115KV_TB3 355620	52.40 2.48 0.00	45.04 1.78 0.00	39.84 1.36 0.00	38.62 1.32 0.00	39.02 1.34 0.00	38.56 1.39 0.00	38.17 1.76 0.00	40.39 1.78 0.00	42.81 2.14 0.00	42.31 2.23 0.00	44.98 1.65 0.00	41.66 1.26 0.00	44.03 -0.19 0.00	41.42 -0.35 0.00	31.43 0.17 0.00	32.32 -0.17 0.00	35.57 1.09 0.00	33.55 1.51 0.00	36.15 1.63 0.00	40.65 1.82 0.00	36.34 0.96 0.00	44.55 1.29 0.00	46.96 0.84 0.00	48.78 1.66 0.00
COLDSPRG_115KV_BK1 355956	52.04 2.11 0.00	45.07 1.81 0.00	39.92 1.44 0.00	38.59 1.29 0.00	39.02 1.33 0.00	38.48 1.31 0.00	37.98 1.57 0.00	40.04 1.42 0.00	41.91 1.24 0.00	42.24 2.16 0.00	46.65 3.32 0.00	43.20 2.81 0.00	48.30 4.08 0.00	46.96 3.76 -1.42	56.40 2.72 -22.42	49.06 3.87 -12.70	42.71 3.72 -4.51	43.61 3.21 -8.36	43.15 3.66 -4.98	43.22 3.19 -1.21	37.82 2.45 0.00	46.69 3.43 0.00	49.75 3.63 0.00	49.97 2.85 0.00
COLONIE_LFGE___ 323577	50.99 1.07 0.00	44.41 1.14 0.00	39.48 1.00 0.00	38.46 1.16 0.00	38.80 1.11 0.00	38.51 1.34 0.00	37.82 1.41 0.00	40.28 1.66 0.00	42.38 1.72 0.00	41.42 1.34 0.00	44.30 0.97 0.00	41.52 1.13 0.00	45.38 1.17 0.00	42.87 1.09 0.00	31.99 0.73 0.00	33.36 0.87 0.00	35.26 0.78 0.00	32.72 0.68 0.00	35.31 0.80 0.00	39.40 0.57 0.00	36.21 0.83 0.00	43.99 0.73 0.00	47.15 1.03 0.00	48.05 0.93 0.00
COOPERNY_115KV_TB1 80082	50.56 0.63 0.00	43.54 0.28 0.00	38.69 0.22 0.00	37.49 0.18 0.00	37.93 0.24 0.00	37.61 0.44 0.00	37.12 0.71 0.00	39.48 0.87 0.00	41.56 0.90 0.00	41.00 0.92 0.00	44.54 1.21 0.00	41.76 1.37 0.00	46.01 1.80 0.00	43.45 1.67 0.00	32.49 1.23 0.00	33.70 1.21 0.00	35.68 1.21 0.00	33.11 1.07 0.00	35.60 1.09 0.00	39.68 0.85 0.00	36.03 0.64 0.00	43.91 0.66 0.00	46.99 0.88 0.00	47.68 0.55 0.00
COPENHAGEN_WT_PWR 323753	51.79 1.87 0.00	44.49 1.23 0.00	39.33 0.85 0.00	38.17 0.86 0.00	38.58 0.90 0.00	38.08 0.92 0.00	37.67 1.26 0.00	39.85 1.23 0.00	42.21 1.54 0.00	41.78 1.70 0.00	44.38 1.06 0.00	41.11 0.71 0.00	43.50 -0.71 0.00	41.01 -0.76 0.00	31.18 -0.09 0.00	32.00 -0.49 0.00	35.08 0.60 0.00	32.96 0.92 0.00	35.53 1.01 0.00	39.86 1.03 0.00	35.54 0.16 0.00	43.66 0.40 0.00	46.02 -0.09 0.00	48.12 1.00 0.00
CORNELL_____ 23752	51.04 1.12 0.00	44.08 0.82 0.00	39.14 0.67 0.00	37.87 0.57 0.00	38.32 0.63 0.00	37.87 0.70 0.00	37.28 0.87 0.00	39.48 0.86 0.00	41.61 0.94 0.00	41.19 1.11 0.00	44.81 1.49 0.00	41.44 1.05 0.00	44.78 0.56 0.00	42.39 0.61 0.00	31.68 0.42 0.00	33.38 0.89 0.00	35.47 0.99 0.00	33.19 1.15 0.00	35.85 1.33 0.00	40.10 1.28 0.00	36.44 1.06 0.00	44.55 1.29 0.00	47.31 1.19 0.00	48.10 0.98 0.00

CORONA_V_69_KV_TB1 355595	51.80 1.88 0.00	44.50 1.23 0.00	39.40 0.93 0.00	38.20 0.90 0.00	38.73 1.05 0.00	38.46 1.30 0.00	38.20 1.79 0.00	40.79 2.17 0.00	42.91 2.25 0.00	42.25 2.17 0.00	46.19 2.87 0.00	43.41 3.01 0.00	48.04 3.82 0.00	45.36 3.58 0.00	33.83 2.57 0.00	34.96 2.47 0.00	37.08 2.61 0.00	34.96 2.41 -0.51	36.99 2.48 0.00	40.97 2.15 0.00	36.95 1.57 0.00	45.22 1.96 0.00	48.44 2.33 0.00	48.87 1.75 0.00
CORTLAND_115KV_TB3 80093	50.52 0.59 0.00	43.64 0.38 0.00	38.78 0.30 0.00	37.53 0.23 0.00	37.96 0.27 0.00	37.53 0.36 0.00	36.95 0.54 0.00	39.16 0.54 0.00	41.29 0.63 0.00	40.81 0.73 0.00	44.34 1.00 0.00	41.14 0.75 0.00	44.78 0.56 0.00	42.22 0.45 0.00	31.59 0.32 0.00	33.14 0.64 0.00	35.22 0.75 0.00	32.88 0.85 0.00	35.45 0.94 0.00	39.64 0.81 0.00	36.01 0.63 0.00	44.09 0.83 0.00	46.88 0.76 0.00	47.70 0.58 0.00
COXSACKIE___GT 23611	52.09 2.17 0.00	45.18 1.92 0.00	40.18 1.70 0.00	39.08 1.78 0.00	39.45 1.76 0.00	39.17 2.00 0.00	38.62 2.21 0.00	41.25 2.64 0.00	43.51 2.85 0.00	42.58 2.50 0.00	45.63 2.30 0.00	42.56 2.17 0.00	46.27 2.05 0.00	43.92 2.14 0.00	32.63 1.37 0.00	33.77 1.28 0.00	36.08 1.61 0.00	33.62 1.58 0.00	36.42 1.91 0.00	40.56 1.74 0.00	37.11 1.73 0.00	45.07 1.81 0.00	48.04 1.92 0.00	49.00 1.88 0.00
CPV_VALLEY___CC1 323721	50.52 0.60 0.00	43.46 0.20 0.00	38.61 0.13 0.00	37.41 0.11 0.00	37.86 0.18 0.00	37.61 0.44 0.00	37.14 0.73 0.00	39.56 0.95 0.00	41.64 0.97 0.00	41.08 1.00 0.00	44.62 1.29 0.00	41.92 1.52 0.00	46.24 2.02 0.00	43.68 1.90 0.00	32.66 1.39 0.00	33.82 1.33 0.00	35.78 1.31 0.00	33.19 1.16 0.00	35.67 1.15 0.00	39.70 0.87 0.00	36.03 0.65 0.00	43.88 0.62 0.00	47.00 0.89 0.00	47.62 0.50 0.00
CPV_VALLEY___CC2 323722	50.52 0.60 0.00	43.46 0.20 0.00	38.61 0.13 0.00	37.41 0.11 0.00	37.86 0.18 0.00	37.61 0.44 0.00	37.14 0.73 0.00	39.56 0.95 0.00	41.64 0.97 0.00	41.08 1.00 0.00	44.62 1.29 0.00	41.92 1.52 0.00	46.24 2.02 0.00	43.68 1.90 0.00	32.66 1.39 0.00	33.82 1.33 0.00	35.78 1.31 0.00	33.19 1.16 0.00	35.67 1.15 0.00	39.70 0.87 0.00	36.03 0.65 0.00	43.88 0.62 0.00	47.00 0.89 0.00	47.62 0.50 0.00
CRESCENT___HYD 24018	50.99 1.07 0.00	44.41 1.14 0.00	39.48 1.00 0.00	38.46 1.16 0.00	38.80 1.11 0.00	38.51 1.34 0.00	37.82 1.41 0.00	40.28 1.66 0.00	42.38 1.72 0.00	41.42 1.34 0.00	44.30 0.97 0.00	41.52 1.13 0.00	45.38 1.17 0.00	42.87 1.09 0.00	31.99 0.73 0.00	33.36 0.87 0.00	35.26 0.78 0.00	32.72 0.68 0.00	35.31 0.80 0.00	39.40 0.57 0.00	36.21 0.83 0.00	43.99 0.73 0.00	47.15 1.03 0.00	48.05 0.93 0.00
CRICKET___VALLEY_CC1 323756	50.33 0.41 0.00	43.32 0.06 0.00	38.52 0.04 0.00	37.34 0.04 0.00	37.77 0.09 0.00	37.61 0.44 0.00	37.24 0.83 0.00	39.68 1.06 0.00	41.84 1.18 0.00	41.14 1.06 0.00	44.62 1.29 0.00	41.93 1.53 0.00	46.24 2.03 0.00	43.57 1.89 0.09	32.68 1.42 0.00	33.72 1.23 0.00	35.72 1.24 0.00	33.18 1.14 0.00	35.62 1.11 0.00	39.64 0.81 0.00	36.02 0.64 0.00	43.86 0.60 0.00	47.04 0.92 0.00	47.62 0.50 0.00
CRICKET___VALLEY_CC2 323757	50.33 0.41 0.00	43.32 0.06 0.00	38.52 0.04 0.00	37.34 0.04 0.00	37.77 0.09 0.00	37.61 0.44 0.00	37.24 0.83 0.00	39.68 1.06 0.00	41.84 1.18 0.00	41.14 1.06 0.00	44.62 1.29 0.00	41.93 1.53 0.00	46.24 2.03 0.00	43.57 1.89 0.09	32.68 1.42 0.00	33.72 1.23 0.00	35.72 1.24 0.00	33.18 1.14 0.00	35.62 1.11 0.00	39.64 0.81 0.00	36.02 0.64 0.00	43.86 0.60 0.00	47.04 0.92 0.00	47.62 0.50 0.00
CRICKET___VALLEY_CC3 323758	50.33 0.41 0.00	43.32 0.06 0.00	38.52 0.04 0.00	37.34 0.04 0.00	37.77 0.09 0.00	37.61 0.44 0.00	37.24 0.83 0.00	39.68 1.06 0.00	41.84 1.18 0.00	41.14 1.06 0.00	44.62 1.29 0.00	41.93 1.53 0.00	46.24 2.03 0.00	43.57 1.89 0.09	32.68 1.42 0.00	33.72 1.23 0.00	35.72 1.24 0.00	33.18 1.14 0.00	35.62 1.11 0.00	39.64 0.81 0.00	36.02 0.64 0.00	43.86 0.60 0.00	47.04 0.92 0.00	47.62 0.50 0.00
CRUCIBLE_METL_DRP 24180	49.83 -0.09 0.00	43.13 -0.14 0.00	38.32 -0.16 0.00	37.10 -0.20 0.00	37.49 -0.20 0.00	37.01 -0.15 0.00	36.41 0.00 0.00	38.54 -0.07 0.00	40.64 -0.03 0.00	40.14 0.06 0.00	43.48 0.15 0.00	40.33 -0.06 0.00	43.97 -0.25 0.00	41.51 -0.27 0.00	31.08 -0.18 0.00	32.53 0.04 0.00	34.56 0.09 0.00	32.25 0.21 0.00	34.76 0.24 0.00	38.92 0.09 0.00	35.38 0.01 0.00	43.45 0.19 0.00	46.25 0.13 0.00	47.13 0.02 0.00
DAHOWA___HYDRO 323763	52.02 2.10 0.00	45.09 1.82 0.00	40.09 1.61 0.00	39.03 1.73 0.00	39.42 1.73 0.00	39.14 1.97 0.00	38.51 2.10 0.00	41.01 2.40 0.00	43.17 2.50 0.00	42.13 2.05 0.00	44.99 1.67 0.00	42.08 1.69 0.00	45.98 1.76 0.00	43.45 1.67 0.00	32.37 1.11 0.00	33.62 1.13 0.00	35.77 1.30 0.00	33.41 1.37 0.00	36.17 1.65 0.00	40.43 1.61 0.00	37.07 1.69 0.00	45.03 1.77 0.00	48.08 1.96 0.00	49.01 1.89 0.00
DANC___LFGE 323619	50.77 0.84 0.00	43.76 0.50 0.00	38.75 0.27 0.00	37.58 0.28 0.00	37.98 0.29 0.00	37.49 0.32 0.00	37.00 0.59 0.00	39.15 0.54 0.00	41.40 0.73 0.00	40.93 0.85 0.00	43.78 0.45 0.00	40.59 0.20 0.00	43.41 -0.81 0.00	40.93 -0.84 0.00	30.95 -0.32 0.00	31.97 -0.52 0.00	34.61 0.14 0.00	32.45 0.41 0.00	34.98 0.47 0.00	39.22 0.39 0.00	35.26 -0.11 0.00	43.39 0.13 0.00	45.89 -0.22 0.00	47.51 0.39 0.00
DANSKAMMER___1 23586	51.51 1.59 0.00	44.28 1.02 0.00	39.32 0.85 0.00	38.09 0.79 0.00	38.54 0.86 0.00	38.32 1.16 0.00	37.93 1.52 0.00	40.44 1.83 0.00	42.60 1.94 0.00	42.01 1.93 0.00	45.64 2.31 0.00	42.90 2.50 0.00	47.36 3.14 0.00	44.75 2.97 0.00	33.42 2.16 0.00	34.56 2.07 0.00	36.59 2.11 0.00	33.96 1.92 0.00	36.50 1.99 0.00	40.62 1.79 0.00	36.83 1.45 0.00	44.85 1.59 0.00	48.01 1.89 0.00	48.58 1.46 0.00
DANSKAMMER___2 23589	51.51 1.59 0.00	44.28 1.02 0.00	39.32 0.85 0.00	38.09 0.79 0.00	38.54 0.86 0.00	38.32 1.16 0.00	37.93 1.52 0.00	40.44 1.83 0.00	42.60 1.94 0.00	42.01 1.93 0.00	45.64 2.31 0.00	42.90 2.50 0.00	47.36 3.14 0.00	44.75 2.97 0.00	33.42 2.16 0.00	34.56 2.07 0.00	36.59 2.11 0.00	33.96 1.92 0.00	36.50 1.99 0.00	40.62 1.79 0.00	36.83 1.45 0.00	44.85 1.59 0.00	48.01 1.89 0.00	48.58 1.46 0.00
DANSKAMMER___3 23590	51.51 1.59 0.00	44.28 1.02 0.00	39.32 0.85 0.00	38.09 0.79 0.00	38.54 0.86 0.00	38.32 1.16 0.00	37.93 1.52 0.00	40.44 1.83 0.00	42.60 1.94 0.00	42.01 1.93 0.00	45.64 2.31 0.00	42.90 2.50 0.00	47.36 3.14 0.00	44.75 2.97 0.00	33.42 2.16 0.00	34.56 2.07 0.00	36.59 2.11 0.00	33.96 1.92 0.00	36.50 1.99 0.00	40.62 1.79 0.00	36.83 1.45 0.00	44.85 1.59 0.00	48.01 1.89 0.00	48.58 1.46 0.00

DANSKAMMER___4 23591	51.51 1.59 0.00	44.28 1.02 0.00	39.32 0.85 0.00	38.09 0.79 0.00	38.54 0.86 0.00	38.32 1.16 0.00	37.93 1.52 0.00	40.44 1.83 0.00	42.60 1.94 0.00	42.01 1.93 0.00	45.64 2.31 0.00	42.90 2.50 0.00	47.36 3.14 0.00	44.75 2.97 0.00	33.42 2.16 0.00	34.56 2.07 0.00	36.59 2.11 0.00	33.96 1.92 0.00	36.50 1.99 0.00	40.62 1.79 0.00	36.83 1.45 0.00	44.85 1.59 0.00	48.01 1.89 0.00	48.58 1.46 0.00
DANSKAMMER___DIESEL 23592	51.51 1.59 0.00	44.29 1.03 0.00	39.33 0.85 0.00	38.09 0.79 0.00	38.54 0.86 0.00	38.32 1.16 0.00	37.95 1.54 0.00	40.45 1.83 0.00	42.60 1.94 0.00	42.01 1.92 0.00	45.63 2.30 0.00	42.90 2.50 0.00	47.35 3.14 0.00	44.75 2.97 0.00	33.42 2.15 0.00	34.57 2.08 0.00	36.59 2.12 0.00	33.96 1.93 0.00	36.51 2.00 0.00	40.62 1.79 0.00	36.83 1.45 0.00	44.85 1.59 0.00	48.01 1.89 0.00	48.58 1.46 0.00
DARBY___SOLAR 323810	51.75 1.82 0.00	44.87 1.61 0.00	39.91 1.43 0.00	38.85 1.55 0.00	39.23 1.54 0.00	38.93 1.76 0.00	38.29 1.88 0.00	40.75 2.13 0.00	42.89 2.23 0.00	41.89 1.81 0.00	44.77 1.45 0.00	41.87 1.48 0.00	45.76 1.54 0.00	43.23 1.46 0.00	32.22 0.96 0.00	33.49 0.99 0.00	35.60 1.12 0.00	33.24 1.20 0.00	35.95 1.43 0.00	40.18 1.35 0.00	36.85 1.47 0.00	44.77 1.52 0.00	47.83 1.71 0.00	48.77 1.65 0.00
DASHVILLE___HYD 23610	50.85 0.93 0.00	43.73 0.47 0.00	38.84 0.37 0.00	37.63 0.33 0.00	38.08 0.39 0.00	37.83 0.67 0.00	37.44 1.03 0.00	39.88 1.27 0.00	41.99 1.33 0.00	41.41 1.33 0.00	45.01 1.68 0.00	42.31 1.92 0.00	46.78 2.57 0.00	44.25 2.47 0.00	33.04 1.78 0.00	34.20 1.71 0.00	36.18 1.71 0.00	33.59 1.55 0.00	36.08 1.57 0.00	40.14 1.31 0.00	36.42 1.04 0.00	44.34 1.08 0.00	47.46 1.35 0.00	48.04 0.92 0.00
DELAWARE___LFGE 323621	50.77 0.85 0.00	43.85 0.58 0.00	39.02 0.54 0.00	37.81 0.51 0.00	38.24 0.55 0.00	37.84 0.68 0.00	37.29 0.87 0.00	39.57 0.96 0.00	41.67 1.00 0.00	41.09 1.01 0.00	44.57 1.24 0.00	41.70 1.30 0.00	45.76 1.54 0.00	43.16 1.39 0.00	32.27 1.01 0.00	33.63 1.13 0.00	35.65 1.17 0.00	33.11 1.07 0.00	35.62 1.11 0.00	39.70 0.87 0.00	36.11 0.73 0.00	44.06 0.81 0.00	47.07 0.95 0.00	47.86 0.74 0.00
DERFIELD_115KV_TB7 355931	49.93 0.01 0.00	43.25 -0.02 0.00	38.48 0.00 0.00	37.30 0.00 0.00	37.69 0.00 0.00	37.21 0.05 0.00	36.53 0.12 0.00	38.77 0.16 0.00	40.83 0.16 0.00	40.22 0.14 0.00	43.50 0.17 0.00	40.56 0.16 0.00	44.44 0.22 0.00	41.93 0.15 0.00	31.35 0.08 0.00	32.57 0.08 0.00	34.58 0.10 0.00	32.14 0.10 0.00	34.64 0.13 0.00	38.85 0.02 0.00	35.41 0.03 0.00	43.26 0.00 0.00	46.14 0.02 0.00	47.10 -0.02 0.00
DOGLEVILLE___HYD 23807	50.39 0.47 0.00	43.49 0.22 0.00	38.72 0.25 0.00	37.60 0.30 0.00	38.12 0.43 0.00	37.72 0.56 0.00	37.13 0.72 0.00	39.53 0.91 0.00	41.73 1.06 0.00	40.71 0.63 0.00	43.79 0.46 0.00	40.84 0.45 0.00	44.81 0.59 0.00	42.37 0.60 0.00	30.92 -0.34 0.00	32.05 -0.44 0.00	34.06 -0.41 0.00	32.17 0.13 0.00	34.79 0.27 0.00	38.90 0.07 0.00	35.81 0.43 0.00	43.52 0.26 0.00	46.63 0.51 0.00	47.40 0.28 0.00
DUNKIRK___115KV_TB_200 55889	50.99 1.06 0.00	44.33 1.07 0.00	39.31 0.83 0.00	38.02 0.71 0.00	38.33 0.64 0.00	37.67 0.51 0.00	36.99 0.58 0.00	38.79 0.18 0.00	40.68 0.01 0.00	40.99 0.91 0.00	45.33 2.01 0.00	42.03 1.63 0.00	46.91 2.69 0.00	46.03 2.65 -1.61	58.42 1.76 -25.40	49.63 2.75 -14.39	42.11 2.53 -5.11	43.55 2.03 -9.48	42.65 2.49 -5.65	42.00 1.80 -1.37	36.65 1.27 0.00	45.60 2.34 0.00	48.47 2.35 0.00	48.90 1.78 0.00
DUNKIRK___1 23563	50.99 1.06 0.00	44.33 1.07 0.00	39.31 0.83 0.00	38.02 0.71 0.00	38.33 0.64 0.00	37.67 0.51 0.00	36.99 0.58 0.00	38.79 0.18 0.00	40.68 0.01 0.00	40.99 0.91 0.00	45.33 2.01 0.00	42.03 1.63 0.00	46.91 2.69 0.00	46.03 2.65 -1.61	58.42 1.76 -25.40	49.63 2.75 -14.39	42.11 2.53 -5.11	43.55 2.03 -9.48	42.65 2.49 -5.65	42.00 1.80 -1.37	36.65 1.27 0.00	45.60 2.34 0.00	48.47 2.35 0.00	48.90 1.78 0.00
DUNKIRK___2 23564	50.99 1.06 0.00	44.33 1.07 0.00	39.31 0.83 0.00	38.02 0.71 0.00	38.33 0.64 0.00	37.67 0.51 0.00	36.99 0.58 0.00	38.79 0.18 0.00	40.68 0.01 0.00	40.99 0.91 0.00	45.33 2.01 0.00	42.03 1.63 0.00	46.91 2.69 0.00	46.03 2.65 -1.61	58.42 1.76 -25.40	49.63 2.75 -14.39	42.11 2.53 -5.11	43.55 2.03 -9.48	42.65 2.49 -5.65	42.00 1.80 -1.37	36.65 1.27 0.00	45.60 2.34 0.00	48.47 2.35 0.00	48.90 1.78 0.00
DUNKIRK___3 23565	50.83 0.91 0.00	44.24 0.98 0.00	39.22 0.74 0.00	37.96 0.66 0.00	38.26 0.57 0.00	37.58 0.41 0.00	36.91 0.50 0.00	38.71 0.09 0.00	40.67 0.01 0.00	40.98 0.90 0.00	45.23 1.90 0.00	41.91 1.52 0.00	46.70 2.48 0.00	45.81 2.42 -1.61	58.36 1.59 -25.50	49.43 2.50 -14.44	41.92 2.31 -5.13	43.39 1.84 -9.51	42.38 2.20 -5.67	41.82 1.62 -1.37	36.45 1.07 0.00	45.30 2.04 0.00	48.13 2.02 0.00	48.70 1.58 0.00
DUNKIRK___4 23566	50.83 0.91 0.00	44.24 0.98 0.00	39.22 0.74 0.00	37.96 0.66 0.00	38.26 0.57 0.00	37.58 0.41 0.00	36.91 0.50 0.00	38.71 0.09 0.00	40.67 0.01 0.00	40.98 0.90 0.00	45.23 1.90 0.00	41.91 1.52 0.00	46.70 2.48 0.00	45.81 2.42 -1.61	58.36 1.59 -25.50	49.43 2.50 -14.44	41.92 2.31 -5.13	43.39 1.84 -9.51	42.38 2.20 -5.67	41.82 1.62 -1.37	36.45 1.07 0.00	45.30 2.04 0.00	48.13 2.02 0.00	48.70 1.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	51.36 1.44 0.00	44.13 0.87 0.00	39.16 0.68 0.00	37.93 0.63 0.00	38.40 0.72 0.00	38.21 1.04 0.00	37.88 1.47 0.00	40.42 1.80 0.00	42.57 1.91 0.00	41.99 1.90 0.00	45.66 2.33 0.00	42.95 2.56 0.00	47.44 3.22 0.00	44.82 3.04 0.00	33.46 2.20 0.00	34.60 2.10 0.00	36.54 2.07 0.00	33.87 1.83 0.00	36.37 1.86 0.00	40.42 1.59 0.00	36.60 1.22 0.00	44.65 1.39 0.00	47.88 1.76 0.00	48.37 1.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	51.17 1.24 0.00	43.98 0.72 0.00	39.06 0.58 0.00	37.82 0.52 0.00	38.28 0.59 0.00	38.05 0.88 0.00	37.65 1.24 0.00	40.12 1.50 0.00	42.24 1.57 0.00	41.66 1.58 0.00	45.29 1.96 0.00	42.57 2.17 0.00	47.02 2.81 0.00	44.42 2.64 0.00	33.17 1.91 0.00	34.32 1.83 0.00	36.33 1.85 0.00	33.71 1.67 0.00	36.24 1.73 0.00	40.31 1.48 0.00	36.56 1.18 0.00	44.51 1.25 0.00	47.66 1.54 0.00	48.24 1.13 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	51.38 1.46 0.00	44.17 0.91 0.00	39.23 0.75 0.00	37.98 0.68 0.00	38.47 0.78 0.00	38.31 1.15 0.00	38.01 1.61 0.00	40.54 1.92 0.00	42.66 2.00 0.00	42.05 1.97 0.00	45.72 2.40 0.00	43.02 2.63 0.00	47.47 3.25 0.00	44.88 3.10 0.00	33.54 2.27 0.00	34.55 2.06 0.00	36.52 2.04 0.00	33.82 1.79 0.00	36.34 1.82 0.00	40.41 1.59 0.00	36.62 1.24 0.00	44.70 1.45 0.00	47.92 1.80 0.00	48.39 1.28 0.00

E179THST_13_KV_LOAD 356214	51.66 1.74 0.00	44.41 1.15 0.00	39.42 0.94 0.00	38.17 0.87 0.00	38.65 0.96 0.00	38.50 1.33 0.00	38.20 1.79 0.00	40.75 2.14 0.00	42.89 2.22 0.00	42.28 2.20 0.00	45.98 2.65 0.00	43.27 2.87 0.00	47.73 3.52 0.00	45.13 3.36 0.00	33.72 2.46 0.00	34.75 2.26 0.00	36.73 2.26 0.00	34.02 1.98 0.00	36.54 2.03 0.00	40.65 1.82 0.00	36.83 1.45 0.00	44.96 1.70 0.00	48.19 2.08 0.00	48.66 1.54 0.00
EAST HAMPTON___GT 23717	52.96 3.04 0.00	45.71 2.45 0.00	40.28 1.80 0.00	39.00 1.70 0.00	39.79 2.11 0.00	38.66 1.49 0.00	38.88 2.47 0.00	42.19 3.58 0.00	44.79 4.12 0.00	43.65 3.57 0.00	48.01 4.69 0.00	45.20 4.81 0.00	49.78 5.56 0.00	47.41 5.63 0.00	35.33 4.07 0.00	36.50 4.01 0.00	39.07 4.60 0.00	36.34 3.80 -0.51	38.30 3.79 0.00	42.64 3.81 0.00	38.10 2.72 0.00	46.53 3.27 0.00	49.89 3.77 0.00	50.18 3.06 0.00
EAST RIVER___6 23660	51.61 1.69 0.00	44.31 1.05 0.00	39.31 0.83 0.00	38.06 0.76 0.00	38.56 0.87 0.00	38.35 1.19 0.00	38.02 1.61 0.00	40.65 2.04 0.00	42.80 2.14 0.00	42.23 2.15 0.00	45.93 2.60 0.00	43.25 2.85 0.00	47.77 3.56 0.00	45.15 3.37 0.00	33.70 2.44 0.00	34.81 2.33 0.00	36.75 2.28 0.00	34.03 1.99 0.00	36.53 2.02 0.00	40.64 1.81 0.00	36.78 1.40 0.00	44.89 1.63 0.00	48.16 2.04 0.00	48.64 1.52 0.00
EAST RIVER___7 23524	51.61 1.69 0.00	44.31 1.05 0.00	39.31 0.83 0.00	38.06 0.76 0.00	38.56 0.87 0.00	38.35 1.19 0.00	38.02 1.61 0.00	40.65 2.04 0.00	42.80 2.14 0.00	42.23 2.15 0.00	45.93 2.60 0.00	43.25 2.85 0.00	47.77 3.56 0.00	45.15 3.37 0.00	33.70 2.44 0.00	34.81 2.33 0.00	36.75 2.28 0.00	34.03 1.99 0.00	36.53 2.02 0.00	40.64 1.81 0.00	36.78 1.40 0.00	44.89 1.63 0.00	48.16 2.04 0.00	48.64 1.52 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	51.29 1.36 0.00	44.07 0.81 0.00	39.10 0.63 0.00	37.88 0.58 0.00	38.35 0.67 0.00	38.16 0.99 0.00	37.82 1.41 0.00	40.34 1.72 0.00	42.49 1.82 0.00	41.90 1.82 0.00	45.57 2.24 0.00	42.87 2.48 0.00	47.34 3.12 0.00	44.72 2.95 0.00	33.40 2.13 0.00	34.52 2.03 0.00	36.49 2.02 0.00	33.82 1.78 0.00	36.31 1.80 0.00	40.36 1.54 0.00	36.56 1.18 0.00	44.58 1.32 0.00	47.78 1.66 0.00	48.30 1.18 0.00
EAST_HAMPTON___DIESEL 23722	52.94 3.02 0.00	45.70 2.44 0.00	40.26 1.79 0.00	38.98 1.68 0.00	39.78 2.10 0.00	38.61 1.45 0.00	38.84 2.43 0.00	42.19 3.57 0.00	44.78 4.11 0.00	43.63 3.55 0.00	48.00 4.67 0.00	45.20 4.81 0.00	49.77 5.55 0.00	47.40 5.62 0.00	35.32 4.06 0.00	36.49 4.00 0.00	39.07 4.60 0.00	36.33 3.78 -0.51	38.28 3.77 0.00	42.62 3.79 0.00	38.07 2.69 0.00	46.49 3.24 0.00	49.87 3.75 0.00	50.16 3.04 0.00
EAST_POINT___SOLAR 323840	52.98 3.06 0.00	45.82 2.56 0.00	40.66 2.19 0.00	39.40 2.10 0.00	39.78 2.10 0.00	39.35 2.19 0.00	38.79 2.38 0.00	40.96 2.34 0.00	43.14 2.48 0.00	42.48 2.40 0.00	46.14 2.81 0.00	42.94 2.54 0.00	47.14 2.92 0.00	44.15 2.38 0.00	31.77 0.50 0.00	33.32 0.83 0.00	36.09 1.62 0.00	33.85 1.81 0.00	36.90 2.39 0.00	41.54 2.71 0.00	37.83 2.45 0.00	46.22 2.96 0.00	48.98 2.86 0.00	49.87 2.75 0.00
EAST_PULASKI___ESR 323781	49.83 -0.09 0.00	43.08 -0.18 0.00	38.23 -0.25 0.00	37.05 -0.25 0.00	37.44 -0.25 0.00	36.95 -0.21 0.00	36.40 -0.01 0.00	38.53 -0.09 0.00	40.67 0.00 0.00	40.17 0.09 0.00	43.26 -0.08 0.00	40.13 -0.27 0.00	43.33 -0.89 0.00	40.89 -0.89 0.00	30.74 -0.53 0.00	31.97 -0.52 0.00	34.22 -0.26 0.00	32.02 -0.02 0.00	34.51 -0.01 0.00	38.66 -0.17 0.00	35.06 -0.32 0.00	43.19 -0.07 0.00	45.82 -0.30 0.00	46.97 -0.15 0.00
EAST_RIVER___1 323558	51.50 1.58 0.00	44.24 0.97 0.00	39.25 0.77 0.00	38.00 0.70 0.00	38.49 0.80 0.00	38.31 1.14 0.00	37.99 1.58 0.00	40.57 1.95 0.00	42.74 2.07 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.17 2.77 0.00	47.68 3.46 0.00	45.05 3.27 0.00	33.63 2.37 0.00	34.73 2.24 0.00	36.68 2.20 0.00	33.97 1.93 0.00	36.46 1.94 0.00	40.53 1.70 0.00	36.69 1.31 0.00	44.79 1.53 0.00	48.07 1.95 0.00	48.54 1.42 0.00
EAST_RIVER___2 323559	51.61 1.69 0.00	44.31 1.05 0.00	39.31 0.83 0.00	38.06 0.76 0.00	38.56 0.87 0.00	38.35 1.19 0.00	38.02 1.61 0.00	40.65 2.04 0.00	42.80 2.14 0.00	42.23 2.15 0.00	45.93 2.60 0.00	43.25 2.85 0.00	47.77 3.56 0.00	45.15 3.37 0.00	33.70 2.44 0.00	34.81 2.33 0.00	36.75 2.28 0.00	34.03 1.99 0.00	36.53 2.02 0.00	40.64 1.81 0.00	36.78 1.40 0.00	44.89 1.63 0.00	48.16 2.04 0.00	48.64 1.52 0.00
EAST___DELAWARE_HYD 23607	50.41 0.49 0.00	43.33 0.06 0.00	38.45 -0.02 0.00	37.24 -0.07 0.00	37.70 0.01 0.00	37.45 0.28 0.00	37.05 0.64 0.00	39.50 0.88 0.00	41.60 0.93 0.00	41.05 0.97 0.00	44.64 1.31 0.00	41.92 1.52 0.00	46.33 2.11 0.00	43.78 2.01 0.00	32.63 1.36 0.00	33.81 1.31 0.00	35.83 1.36 0.00	33.28 1.24 0.00	35.78 1.27 0.00	39.85 1.02 0.00	36.13 0.75 0.00	43.97 0.71 0.00	47.02 0.90 0.00	47.58 0.46 0.00
EIGHT_POINT___WT_PWR 323820	51.83 1.91 0.00	44.84 1.58 0.00	39.53 1.05 0.00	37.82 0.52 0.00	38.11 0.43 0.00	37.28 0.12 0.00	36.47 0.06 0.00	38.47 -0.15 0.00	40.31 -0.35 0.00	40.40 0.32 0.00	45.23 1.90 0.00	40.82 0.43 0.00	45.61 1.39 0.00	44.81 2.03 -1.00	48.25 1.18 -15.81	43.26 1.81 -8.96	39.56 1.90 -3.18	39.82 1.88 -5.90	40.39 2.37 -3.51	40.99 1.31 -0.85	36.73 1.36 0.00	44.82 1.56 0.00	47.17 1.05 0.00	47.73 0.61 0.00
ELBRIDGE_115KV_TB2 80188	49.66 -0.26 0.00	42.96 -0.30 0.00	38.20 -0.28 0.00	37.00 -0.30 0.00	37.40 -0.29 0.00	36.90 -0.26 0.00	36.29 -0.13 0.00	38.39 -0.22 0.00	40.44 -0.22 0.00	39.98 -0.10 0.00	43.32 -0.01 0.00	40.15 -0.24 0.00	43.81 -0.41 0.00	41.39 -0.38 0.00	30.98 -0.28 0.00	32.45 -0.04 0.00	34.43 -0.05 0.00	32.09 0.05 0.00	34.61 0.09 0.00	38.76 -0.07 0.00	35.22 -0.16 0.00	43.25 -0.01 0.00	46.10 -0.02 0.00	46.98 -0.14 0.00
ELEC_TRO_TEK 24086	51.50 1.58 0.00	44.26 1.00 0.00	39.18 0.70 0.00	38.00 0.70 0.00	38.53 0.85 0.00	38.26 1.10 0.00	38.02 1.61 0.00	40.62 2.00 0.00	42.79 2.13 0.00	42.13 2.05 0.00	46.03 2.71 0.00	43.24 2.84 0.00	47.86 3.64 0.00	45.18 3.41 0.00	33.68 2.42 0.00	34.78 2.29 0.00	36.86 2.38 0.00	34.75 2.20 -0.51	36.77 2.25 0.00	40.73 1.91 0.00	36.72 1.33 0.00	44.96 1.70 0.00	48.18 2.07 0.00	48.60 1.48 0.00
ELLENBURG_WT_PWR 323604	50.18 0.25 0.00	43.61 0.34 0.00	38.78 0.30 0.00	37.55 0.24 0.00	37.93 0.25 0.00	37.34 0.18 0.00	36.51 0.09 0.00	38.68 0.07 0.00	40.66 0.00 0.00	39.99 -0.09 0.00	43.04 -0.29 0.00	40.16 -0.24 0.00	43.81 -0.41 0.00	41.41 -0.37 0.00	31.04 -0.23 0.00	32.08 -0.41 0.00	34.08 -0.39 0.00	31.67 -0.37 0.00	34.04 -0.47 0.00	38.57 -0.26 0.00	35.11 -0.27 0.00	42.68 -0.58 0.00	45.56 -0.55 0.00	47.20 0.08 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	50.70 0.77 0.00	44.37 1.10 0.00	39.28 0.80 0.00	38.14 0.83 0.00	38.32 0.63 0.00	37.59 0.43 0.00	36.88 0.47 0.00	38.63 0.01 0.00	40.73 0.07 0.00	41.08 1.00 0.00	45.16 1.83 0.00	41.86 1.46 0.00	46.44 2.22 0.00	45.58 2.13 -1.68	59.13 1.33 -26.55	49.58 2.04 -15.04	41.75 1.93 -5.34	43.38 1.43 -9.91	42.11 1.69 -5.90	41.53 1.28 -1.43	36.09 0.71 0.00	44.86 1.60 0.00	47.60 1.48 0.00	48.48 1.36 0.00
EMPIRE_CC_1 323656	50.43 0.51 0.00	44.15 0.88 0.00	39.22 0.75 0.00	38.33 1.03 0.00	38.62 0.93 0.00	38.39 1.22 0.00	37.62 1.21 0.00	40.14 1.53 0.00	42.19 1.52 0.00	41.10 1.02 0.00	43.78 0.45 0.00	41.13 0.73 0.00	44.88 0.66 0.00	42.36 0.58 0.00	31.62 0.36 0.00	33.09 0.60 0.00	34.84 0.36 0.00	32.22 0.18 0.00	34.79 0.27 0.00	38.72 -0.11 0.00	35.77 0.39 0.00	43.35 0.09 0.00	46.61 0.50 0.00	47.51 0.39 0.00
EMPIRE_CC_2 323658	50.43 0.51 0.00	44.15 0.88 0.00	39.22 0.75 0.00	38.33 1.03 0.00	38.62 0.93 0.00	38.39 1.22 0.00	37.62 1.21 0.00	40.14 1.53 0.00	42.19 1.52 0.00	41.10 1.02 0.00	43.78 0.45 0.00	41.13 0.73 0.00	44.88 0.66 0.00	42.36 0.58 0.00	31.62 0.36 0.00	33.09 0.60 0.00	34.84 0.36 0.00	32.22 0.18 0.00	34.79 0.27 0.00	38.72 -0.11 0.00	35.77 0.39 0.00	43.35 0.09 0.00	46.61 0.50 0.00	47.51 0.39 0.00
ENORWICH_115KV_TB1 80156	53.38 3.46 0.00	46.06 2.80 0.00	40.77 2.30 0.00	39.42 2.12 0.00	39.99 2.31 0.00	39.68 2.51 0.00	39.08 2.68 0.00	41.15 2.54 0.00	43.31 2.65 0.00	42.72 2.64 0.00	46.51 3.18 0.00	43.45 3.05 0.00	45.99 1.78 0.00	43.05 1.27 0.00	32.14 0.87 0.00	34.34 1.84 0.00	36.74 2.26 0.00	34.59 2.55 0.00	37.03 2.52 0.00	40.81 1.98 0.00	37.39 2.01 0.00	45.36 2.10 0.00	47.79 1.67 0.00	48.53 1.41 0.00
ERIE_ST__34_KV_TB1-2 80199	51.21 1.28 0.00	44.77 1.51 0.00	39.58 1.10 0.00	38.43 1.12 0.00	38.56 0.87 0.00	37.85 0.68 0.00	37.12 0.71 0.00	38.92 0.30 0.00	41.11 0.44 0.00	41.43 1.35 0.00	45.43 2.10 0.00	42.16 1.77 0.00	46.85 2.63 0.00	46.23 2.66 -1.79	61.43 1.83 -28.33	51.18 2.63 -16.05	42.75 2.57 -5.70	44.65 2.03 -10.57	43.16 2.35 -6.30	42.36 2.01 -1.52	36.71 1.33 0.00	45.57 2.31 0.00	48.25 2.13 0.00	49.07 1.95 0.00
ERIE_WT_PWR 323693	38.37 1.05 12.61	26.09 1.35 18.52	27.17 1.01 12.32	24.07 0.99 14.22	32.00 0.77 6.45	33.94 0.55 3.77	31.82 0.66 5.25	37.01 0.13 1.74	38.50 0.19 2.36	39.21 1.16 2.03	45.35 2.02 0.00	42.03 1.63 0.00	46.62 2.40 0.00	45.89 2.38 -1.74	60.35 1.50 -27.58	50.48 2.37 -15.63	42.25 2.22 -5.55	44.04 1.71 -10.29	42.79 1.55 -6.13	41.86 1.55 -1.48	36.00 0.95 0.32	44.92 1.92 0.26	47.76 1.80 0.16	48.74 1.63 0.00
ESPRGFLD_115KV_TB1 80157	51.53 1.61 0.00	44.48 1.22 0.00	39.57 1.09 0.00	38.33 1.03 0.00	38.77 1.08 0.00	38.39 1.22 0.00	37.89 1.48 0.00	40.22 1.60 0.00	42.35 1.68 0.00	41.78 1.70 0.00	45.38 2.05 0.00	42.43 2.03 0.00	46.45 2.23 0.00	43.74 1.96 0.00	32.71 1.45 0.00	34.17 1.68 0.00	36.33 1.85 0.00	33.74 1.70 0.00	36.32 1.80 0.00	40.42 1.59 0.00	36.76 1.38 0.00	44.81 1.55 0.00	47.73 1.62 0.00	48.52 1.41 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	50.92 0.99 0.00	43.99 0.73 0.00	39.06 0.58 0.00	37.80 0.50 0.00	38.24 0.56 0.00	37.80 0.63 0.00	37.22 0.80 0.00	39.40 0.78 0.00	41.52 0.86 0.00	41.08 1.00 0.00	44.68 1.35 0.00	41.35 0.96 0.00	44.75 0.53 0.00	42.32 0.55 0.00	31.66 0.40 0.00	33.33 0.83 0.00	35.39 0.91 0.00	33.10 1.06 0.00	35.73 1.22 0.00	39.96 1.13 0.00	36.31 0.93 0.00	44.42 1.16 0.00	47.17 1.06 0.00	47.98 0.86 0.00
ETNA____115KV_TB2 80207	50.92 0.99 0.00	43.99 0.73 0.00	39.06 0.58 0.00	37.80 0.50 0.00	38.24 0.56 0.00	37.80 0.63 0.00	37.22 0.80 0.00	39.40 0.78 0.00	41.52 0.86 0.00	41.08 1.00 0.00	44.68 1.35 0.00	41.35 0.96 0.00	44.75 0.53 0.00	42.32 0.55 0.00	31.66 0.40 0.00	33.33 0.83 0.00	35.39 0.91 0.00	33.10 1.06 0.00	35.73 1.22 0.00	39.96 1.13 0.00	36.31 0.93 0.00	44.42 1.16 0.00	47.17 1.06 0.00	47.98 0.86 0.00
EUCLID__115KV_TB2 356179	49.28 -0.65 0.00	42.69 -0.57 0.00	37.92 -0.56 0.00	36.75 -0.55 0.00	37.13 -0.56 0.00	36.65 -0.52 0.00	36.02 -0.38 0.00	38.15 -0.46 0.00	40.23 -0.44 0.00	39.74 -0.34 0.00	43.04 -0.29 0.00	39.98 -0.41 0.00	43.66 -0.55 0.00	41.25 -0.53 0.00	30.88 -0.38 0.00	32.27 -0.22 0.00	34.27 -0.21 0.00	31.90 -0.14 0.00	34.36 -0.15 0.00	38.45 -0.38 0.00	34.97 -0.41 0.00	42.95 -0.31 0.00	45.73 -0.38 0.00	46.63 -0.48 0.00
E_CANADA_CAP_HY 24051	52.65 2.73 0.00	45.57 2.31 0.00	40.43 1.96 0.00	39.17 1.86 0.00	39.50 1.81 0.00	39.05 1.88 0.00	38.40 1.99 0.00	40.37 1.75 0.00	42.73 2.06 0.00	42.31 2.23 0.00	45.90 2.57 0.00	42.67 2.28 0.00	46.76 2.54 0.00	44.07 2.29 0.00	32.30 1.04 0.00	33.69 1.20 0.00	36.17 1.70 0.00	33.56 1.52 0.00	36.37 1.86 0.00	41.00 2.17 0.00	37.24 1.86 0.00	45.62 2.36 0.00	48.36 2.24 0.00	49.37 2.25 0.00
E_CANADA_MHWK_HY 24050	50.39 0.47 0.00	43.49 0.22 0.00	38.72 0.24 0.00	37.60 0.30 0.00	38.12 0.43 0.00	37.72 0.56 0.00	37.13 0.72 0.00	39.53 0.91 0.00	41.73 1.06 0.00	40.71 0.63 0.00	43.79 0.46 0.00	40.84 0.45 0.00	44.80 0.59 0.00	42.37 0.60 0.00	30.93 -0.34 0.00	32.04 -0.45 0.00	34.06 -0.41 0.00	32.17 0.13 0.00	34.79 0.27 0.00	38.90 0.07 0.00	35.81 0.43 0.00	43.52 0.26 0.00	46.63 0.51 0.00	47.40 0.28 0.00
E_FISHKILL__LBMP 23776	50.89 0.97 0.00	43.78 0.52 0.00	38.89 0.41 0.00	37.68 0.37 0.00	38.13 0.45 0.00	37.91 0.74 0.00	37.54 1.13 0.00	40.00 1.39 0.00	42.12 1.46 0.00	41.51 1.43 0.00	45.08 1.76 0.00	42.37 1.98 0.00	46.75 2.53 0.00	44.16 2.38 0.00	33.00 1.74 0.00	34.13 1.64 0.00	36.09 1.62 0.00	33.49 1.45 0.00	35.97 1.45 0.00	40.00 1.17 0.00	36.29 0.91 0.00	44.23 0.97 0.00	47.40 1.28 0.00	47.98 0.86 0.00
FALCON__SEABRD_CC1 323796	51.32 1.40 0.00	44.49 1.23 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.88 1.19 0.00	38.28 1.12 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.52 0.86 0.00	40.42 0.34 0.00	43.37 0.04 0.00	40.50 0.11 0.00	44.11 -0.11 0.00	41.73 -0.04 0.00	31.23 -0.04 0.00	32.21 -0.28 0.00	34.36 -0.11 0.00	31.92 -0.12 0.00	34.24 -0.28 0.00	38.72 -0.10 0.00	35.38 0.00 0.00	43.11 -0.15 0.00	46.11 -0.01 0.00	48.00 0.88 0.00
FALCON__SEABRD_CC2 323797	51.32 1.40 0.00	44.49 1.23 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.88 1.19 0.00	38.28 1.12 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.52 0.86 0.00	40.42 0.34 0.00	43.37 0.04 0.00	40.50 0.11 0.00	44.11 -0.11 0.00	41.73 -0.04 0.00	31.23 -0.04 0.00	32.21 -0.28 0.00	34.36 -0.11 0.00	31.92 -0.12 0.00	34.24 -0.28 0.00	38.72 -0.10 0.00	35.38 0.00 0.00	43.11 -0.15 0.00	46.11 -0.01 0.00	48.00 0.88 0.00

FAR ROCKAWAY___4 23548	52.31 2.39 0.00	44.92 1.66 0.00	39.75 1.27 0.00	38.53 1.23 0.00	39.07 1.38 0.00	38.80 1.64 0.00	38.56 2.15 0.00	41.16 2.55 0.00	43.05 2.38 0.00	42.37 2.29 0.00	46.36 3.03 0.00	43.56 3.16 0.00	48.24 4.02 0.00	45.54 3.76 0.00	33.99 2.73 0.00	35.17 2.68 0.00	37.49 3.02 0.00	35.35 2.80 -0.51	37.42 2.91 0.00	41.43 2.60 0.00	37.35 1.97 0.00	45.70 2.44 0.00	48.96 2.85 0.00	49.34 2.22 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	51.53 1.61 0.00	44.26 0.99 0.00	39.25 0.78 0.00	38.02 0.72 0.00	38.51 0.83 0.00	38.34 1.17 0.00	38.03 1.62 0.00	40.59 1.98 0.00	42.76 2.09 0.00	42.19 2.11 0.00	45.88 2.55 0.00	43.19 2.80 0.00	47.71 3.49 0.00	45.07 3.29 0.00	33.65 2.39 0.00	34.77 2.28 0.00	36.69 2.22 0.00	33.99 1.95 0.00	36.48 1.97 0.00	40.55 1.72 0.00	36.71 1.33 0.00	44.81 1.55 0.00	48.08 1.96 0.00	48.57 1.45 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	51.54 1.61 0.00	44.26 1.00 0.00	39.26 0.79 0.00	38.02 0.72 0.00	38.51 0.83 0.00	38.34 1.18 0.00	38.03 1.62 0.00	40.59 1.98 0.00	42.75 2.09 0.00	42.18 2.10 0.00	45.88 2.55 0.00	43.17 2.78 0.00	47.70 3.49 0.00	45.07 3.29 0.00	33.64 2.37 0.00	34.77 2.27 0.00	36.69 2.22 0.00	33.99 1.95 0.00	36.48 1.97 0.00	40.54 1.72 0.00	36.71 1.33 0.00	44.81 1.55 0.00	48.08 1.96 0.00	48.57 1.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	51.49 1.56 0.00	44.23 0.97 0.00	39.24 0.77 0.00	38.00 0.69 0.00	38.48 0.80 0.00	38.32 1.15 0.00	38.02 1.61 0.00	40.57 1.95 0.00	42.73 2.07 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.17 2.77 0.00	47.68 3.46 0.00	45.05 3.27 0.00	33.63 2.37 0.00	34.74 2.25 0.00	36.67 2.20 0.00	33.97 1.93 0.00	36.45 1.94 0.00	40.52 1.69 0.00	36.68 1.30 0.00	44.77 1.52 0.00	48.04 1.92 0.00	48.52 1.41 0.00
FARRAGUT___LBMP 323566	51.45 1.53 0.00	44.19 0.93 0.00	39.21 0.73 0.00	37.97 0.66 0.00	38.46 0.77 0.00	38.28 1.12 0.00	37.98 1.57 0.00	40.53 1.91 0.00	42.69 2.02 0.00	42.12 2.04 0.00	45.80 2.47 0.00	43.11 2.72 0.00	47.63 3.41 0.00	44.99 3.21 0.00	33.59 2.33 0.00	34.70 2.21 0.00	36.63 2.16 0.00	33.93 1.89 0.00	36.42 1.90 0.00	40.48 1.65 0.00	36.65 1.27 0.00	44.74 1.48 0.00	48.01 1.89 0.00	48.48 1.36 0.00
FARRCKWY_69_KV_BK2 55825	52.31 2.39 0.00	44.92 1.66 0.00	39.75 1.27 0.00	38.53 1.23 0.00	39.07 1.38 0.00	38.80 1.64 0.00	38.56 2.15 0.00	41.16 2.55 0.00	43.05 2.38 0.00	42.37 2.29 0.00	46.36 3.03 0.00	43.56 3.16 0.00	48.24 4.02 0.00	45.54 3.76 0.00	33.99 2.73 0.00	35.17 2.68 0.00	37.49 3.02 0.00	35.35 2.80 -0.51	37.42 2.91 0.00	41.43 2.60 0.00	37.35 1.97 0.00	45.70 2.44 0.00	48.96 2.85 0.00	49.34 2.22 0.00
FENNER___WINDPWR 24204	50.94 1.02 0.00	44.05 0.79 0.00	39.11 0.63 0.00	37.87 0.57 0.00	38.29 0.60 0.00	37.86 0.69 0.00	37.23 0.82 0.00	39.46 0.84 0.00	41.65 0.98 0.00	41.10 1.02 0.00	44.52 1.18 0.00	41.37 0.97 0.00	44.98 0.76 0.00	42.18 0.41 0.00	31.59 0.33 0.00	33.05 0.56 0.00	35.26 0.78 0.00	32.93 0.89 0.00	35.53 1.02 0.00	39.83 1.00 0.00	36.14 0.76 0.00	44.18 0.92 0.00	46.88 0.77 0.00	47.83 0.71 0.00
FIBERTEK___ENERGY 23856	49.83 -0.09 0.00	43.13 -0.14 0.00	38.32 -0.16 0.00	37.10 -0.20 0.00	37.49 -0.20 0.00	37.01 -0.15 0.00	36.41 0.00 0.00	38.54 -0.07 0.00	40.64 -0.03 0.00	40.14 0.06 0.00	43.48 0.15 0.00	40.33 -0.06 0.00	43.97 -0.25 0.00	41.51 -0.27 0.00	31.08 -0.18 0.00	32.53 0.04 0.00	34.56 0.09 0.00	32.25 0.21 0.00	34.76 0.24 0.00	38.92 0.09 0.00	35.38 0.01 0.00	43.45 0.19 0.00	46.25 0.13 0.00	47.13 0.02 0.00
FITZPATRICK___ 23598	48.49 -1.43 0.00	42.05 -1.21 0.00	37.37 -1.11 0.00	36.22 -1.09 0.00	36.59 -1.10 0.00	36.10 -1.07 0.00	35.47 -0.94 0.00	37.54 -1.07 0.00	39.56 -1.10 0.00	39.05 -1.03 0.00	42.25 -1.08 0.00	39.28 -1.12 0.00	42.93 -1.29 0.00	40.54 -1.24 0.00	30.34 -0.92 0.00	31.67 -0.82 0.00	33.60 -0.87 0.00	31.25 -0.79 0.00	33.69 -0.83 0.00	37.71 -1.11 0.00	34.35 -1.03 0.00	42.20 -1.06 0.00	44.95 -1.17 0.00	45.88 -1.24 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	51.61 1.68 0.00	44.37 1.11 0.00	39.39 0.92 0.00	38.16 0.86 0.00	38.62 0.93 0.00	38.40 1.23 0.00	38.02 1.61 0.00	40.53 1.92 0.00	42.69 2.02 0.00	42.09 2.01 0.00	45.75 2.42 0.00	42.98 2.58 0.00	47.46 3.24 0.00	44.86 3.09 0.00	33.49 2.23 0.00	34.65 2.16 0.00	36.66 2.19 0.00	34.04 2.00 0.00	36.59 2.08 0.00	40.70 1.87 0.00	36.91 1.53 0.00	44.94 1.68 0.00	48.11 1.99 0.00	48.67 1.55 0.00
FORT ORANGE___ 23900	50.21 0.29 0.00	43.71 0.44 0.00	38.88 0.40 0.00	37.86 0.56 0.00	38.21 0.53 0.00	37.93 0.77 0.00	37.28 0.87 0.00	39.71 1.09 0.00	41.77 1.10 0.00	40.89 0.81 0.00	43.81 0.48 0.00	41.06 0.67 0.00	44.74 0.52 0.00	42.27 0.50 0.00	31.63 0.37 0.00	32.90 0.41 0.00	34.81 0.34 0.00	32.33 0.29 0.00	34.89 0.37 0.00	38.84 0.01 0.00	35.62 0.24 0.00	43.28 0.02 0.00	46.33 0.21 0.00	47.28 0.16 0.00
FORT_DRUM_COGEN 23780	52.21 2.29 0.00	44.88 1.61 0.00	39.69 1.22 0.00	38.49 1.19 0.00	38.90 1.22 0.00	38.42 1.25 0.00	38.02 1.61 0.00	40.22 1.60 0.00	42.62 1.95 0.00	42.14 2.05 0.00	44.77 1.44 0.00	41.45 1.06 0.00	43.90 -0.32 0.00	41.30 -0.48 0.00	31.35 0.09 0.00	32.22 -0.27 0.00	35.38 0.91 0.00	33.30 1.26 0.00	35.89 1.37 0.00	40.37 1.54 0.00	36.07 0.69 0.00	44.24 0.98 0.00	46.63 0.52 0.00	48.53 1.41 0.00
FOX_HILLS___ESR 323835	51.37 1.45 0.00	44.18 0.91 0.00	39.19 0.71 0.00	37.95 0.64 0.00	38.45 0.76 0.00	38.30 1.14 0.00	37.99 1.58 0.00	40.50 1.88 0.00	42.60 1.93 0.00	41.97 1.89 0.00	45.65 2.32 0.00	42.95 2.55 0.00	47.45 3.24 0.00	44.87 3.09 0.00	33.50 2.23 0.00	34.53 2.04 0.00	36.53 2.05 0.00	33.80 1.76 0.00	36.25 1.74 0.00	40.35 1.52 0.00	36.55 1.17 0.00	44.65 1.39 0.00	47.91 1.79 0.00	48.40 1.29 0.00
FPL_FAR_ROCK_GT1 24212	52.31 2.39 0.00	44.92 1.66 0.00	39.74 1.26 0.00	38.53 1.23 0.00	39.07 1.39 0.00	38.80 1.64 0.00	38.54 2.13 0.00	41.16 2.54 0.00	43.05 2.39 0.00	42.38 2.29 0.00	46.36 3.03 0.00	43.55 3.16 0.00	48.24 4.03 0.00	45.54 3.76 0.00	33.99 2.73 0.00	35.16 2.67 0.00	37.48 3.01 0.00	35.34 2.80 -0.51	37.41 2.89 0.00	41.43 2.60 0.00	37.35 1.97 0.00	45.70 2.44 0.00	48.96 2.85 0.00	49.35 2.23 0.00
FPL_FAR_ROCK_GT2 23815	52.31 2.39 0.00	44.92 1.66 0.00	39.74 1.26 0.00	38.53 1.23 0.00	39.07 1.39 0.00	38.80 1.64 0.00	38.54 2.13 0.00	41.16 2.54 0.00	43.05 2.39 0.00	42.38 2.29 0.00	46.36 3.03 0.00	43.55 3.16 0.00	48.24 4.03 0.00	45.54 3.76 0.00	33.99 2.73 0.00	35.16 2.67 0.00	37.48 3.01 0.00	35.34 2.80 -0.51	37.41 2.89 0.00	41.43 2.60 0.00	37.35 1.97 0.00	45.70 2.44 0.00	48.96 2.85 0.00	49.35 2.23 0.00

FRANKLIN_FALL_HYD 24054	50.67 0.74 0.00	44.05 0.78 0.00	39.18 0.70 0.00	37.99 0.69 0.00	38.37 0.68 0.00	37.79 0.62 0.00	37.02 0.60 0.00	39.24 0.62 0.00	41.27 0.61 0.00	40.62 0.54 0.00	43.79 0.46 0.00	40.82 0.43 0.00	44.40 0.18 0.00	42.02 0.24 0.00	31.54 0.28 0.00	32.66 0.17 0.00	34.75 0.27 0.00	32.32 0.28 0.00	34.80 0.29 0.00	39.44 0.61 0.00	35.88 0.50 0.00	43.48 0.21 0.00	46.34 0.23 0.00	47.79 0.67 0.00
FREEPORT_EQUS_GT1 23764	51.84 1.92 0.00	44.51 1.25 0.00	39.38 0.91 0.00	38.20 0.89 0.00	38.74 1.05 0.00	38.46 1.30 0.00	38.23 1.82 0.00	40.88 2.27 0.00	43.07 2.40 0.00	42.42 2.34 0.00	46.34 3.01 0.00	43.53 3.14 0.00	48.20 3.98 0.00	45.49 3.72 0.00	33.91 2.65 0.00	35.01 2.52 0.00	37.12 2.65 0.00	34.99 2.44 -0.51	37.01 2.50 0.00	41.03 2.20 0.00	36.96 1.58 0.00	45.31 2.05 0.00	48.56 2.45 0.00	48.95 1.83 0.00
FREEPORT___CT2 23818	51.84 1.92 0.00	44.51 1.25 0.00	39.38 0.91 0.00	38.20 0.89 0.00	38.74 1.05 0.00	38.46 1.30 0.00	38.23 1.82 0.00	40.88 2.27 0.00	43.07 2.40 0.00	42.42 2.34 0.00	46.34 3.01 0.00	43.53 3.14 0.00	48.20 3.98 0.00	45.49 3.72 0.00	33.91 2.65 0.00	35.01 2.52 0.00	37.12 2.65 0.00	34.99 2.44 -0.51	37.01 2.50 0.00	41.03 2.20 0.00	36.96 1.58 0.00	45.31 2.05 0.00	48.56 2.45 0.00	48.95 1.83 0.00
FRESHKLS_33_KV_LOAD 356253	51.38 1.46 0.00	44.20 0.94 0.00	39.19 0.71 0.00	37.95 0.65 0.00	38.46 0.78 0.00	38.33 1.16 0.00	38.01 1.60 0.00	40.50 1.88 0.00	42.55 1.89 0.00	41.90 1.82 0.00	45.56 2.23 0.00	42.85 2.46 0.00	47.37 3.16 0.00	44.79 3.01 0.00	33.45 2.19 0.00	34.49 1.99 0.00	36.49 2.01 0.00	33.75 1.71 0.00	36.21 1.69 0.00	40.30 1.47 0.00	36.52 1.14 0.00	44.62 1.37 0.00	47.87 1.75 0.00	48.36 1.24 0.00
FULTON COGEN____ 23766	49.13 -0.79 0.00	42.57 -0.70 0.00	37.81 -0.67 0.00	36.65 -0.65 0.00	37.02 -0.67 0.00	36.51 -0.65 0.00	35.92 -0.49 0.00	38.05 -0.57 0.00	40.11 -0.56 0.00	39.59 -0.49 0.00	42.83 -0.50 0.00	39.77 -0.62 0.00	43.21 -1.01 0.00	40.81 -0.96 0.00	30.59 -0.67 0.00	31.94 -0.55 0.00	34.04 -0.44 0.00	31.70 -0.34 0.00	34.16 -0.35 0.00	38.25 -0.57 0.00	34.86 -0.52 0.00	42.88 -0.38 0.00	45.63 -0.49 0.00	46.54 -0.58 0.00
FULTON___LFGE 323630	52.48 2.55 0.00	45.47 2.21 0.00	40.39 1.91 0.00	39.15 1.84 0.00	39.50 1.82 0.00	39.09 1.93 0.00	38.45 2.04 0.00	40.77 2.15 0.00	43.00 2.33 0.00	42.43 2.35 0.00	45.93 2.60 0.00	42.73 2.34 0.00	46.81 2.59 0.00	44.19 2.42 0.00	32.16 0.90 0.00	33.42 0.92 0.00	35.90 1.42 0.00	33.63 1.59 0.00	36.57 2.06 0.00	41.12 2.29 0.00	37.43 2.05 0.00	45.72 2.46 0.00	48.53 2.42 0.00	49.42 2.30 0.00
G.F.CEMENT___DRP 24184	52.26 2.34 0.00	45.22 1.96 0.00	40.22 1.75 0.00	39.16 1.86 0.00	39.57 1.88 0.00	39.30 2.13 0.00	38.69 2.28 0.00	41.19 2.57 0.00	43.38 2.71 0.00	42.27 2.19 0.00	45.04 1.72 0.00	42.10 1.71 0.00	45.92 1.70 0.00	43.36 1.58 0.00	32.29 1.02 0.00	33.56 1.07 0.00	35.80 1.33 0.00	33.53 1.49 0.00	36.34 1.83 0.00	40.66 1.83 0.00	37.26 1.88 0.00	45.26 2.01 0.00	48.25 2.14 0.00	49.24 2.12 0.00
GARDENVILLE___LBMP 24039	50.80 0.87 0.00	44.42 1.16 0.00	39.32 0.84 0.00	38.16 0.86 0.00	38.33 0.65 0.00	37.61 0.44 0.00	36.90 0.49 0.00	38.66 0.04 0.00	40.74 0.08 0.00	41.10 1.02 0.00	45.20 1.87 0.00	41.87 1.47 0.00	46.47 2.25 0.00	45.67 2.20 -1.69	59.36 1.39 -26.71	49.76 2.13 -15.14	41.89 2.04 -5.38	43.55 1.54 -9.97	42.28 1.83 -5.94	41.65 1.39 -1.44	36.20 0.82 0.00	45.00 1.74 0.00	47.74 1.62 0.00	48.57 1.45 0.00
GARDNVLA_35_KV_LD 355827	51.10 1.17 0.00	44.68 1.42 0.00	39.54 1.06 0.00	38.36 1.06 0.00	38.52 0.84 0.00	37.78 0.61 0.00	37.07 0.66 0.00	38.83 0.21 0.00	40.97 0.30 0.00	41.35 1.27 0.00	45.46 2.13 0.00	42.13 1.74 0.00	46.75 2.53 0.00	46.02 2.48 -1.77	60.78 1.62 -27.90	50.68 2.38 -15.81	42.40 2.30 -5.62	44.23 1.78 -10.41	42.79 2.07 -6.20	42.00 1.68 -1.50	36.44 1.06 0.00	45.30 2.04 0.00	48.01 1.89 0.00	48.85 1.73 0.00
GELCKHM_115KV_LOAD 80723	49.54 -0.38 0.00	42.91 -0.35 0.00	38.11 -0.37 0.00	36.92 -0.38 0.00	37.30 -0.39 0.00	36.82 -0.35 0.00	36.21 -0.20 0.00	38.35 -0.27 0.00	40.43 -0.24 0.00	39.94 -0.14 0.00	43.26 -0.07 0.00	40.17 -0.22 0.00	43.83 -0.38 0.00	41.40 -0.37 0.00	31.00 -0.26 0.00	32.42 -0.08 0.00	34.44 -0.04 0.00	32.08 0.04 0.00	34.56 0.05 0.00	38.68 -0.14 0.00	35.18 -0.20 0.00	43.20 -0.06 0.00	45.98 -0.14 0.00	46.87 -0.25 0.00
GENERAL___MILLS 23808	50.96 1.04 0.00	44.57 1.30 0.00	39.44 0.96 0.00	38.28 0.98 0.00	38.45 0.76 0.00	37.70 0.54 0.00	36.99 0.58 0.00	38.75 0.13 0.00	40.86 0.20 0.00	41.24 1.15 0.00	45.32 2.00 0.00	42.01 1.61 0.00	46.61 2.39 0.00	45.86 2.34 -1.74	60.35 1.51 -27.58	50.37 2.26 -15.63	42.19 2.17 -5.55	43.99 1.66 -10.29	42.59 1.94 -6.13	41.84 1.53 -1.48	36.32 0.94 0.00	45.16 1.90 0.00	47.87 1.75 0.00	48.72 1.60 0.00
GE_PLASTICS___DRP 24183	50.03 0.11 0.00	43.49 0.23 0.00	38.71 0.23 0.00	37.62 0.32 0.00	38.00 0.32 0.00	37.67 0.50 0.00	37.05 0.64 0.00	39.40 0.78 0.00	41.45 0.79 0.00	40.68 0.60 0.00	43.78 0.45 0.00	40.94 0.55 0.00	44.60 0.38 0.00	42.07 0.29 0.00	31.47 0.21 0.00	32.73 0.24 0.00	34.63 0.16 0.00	32.16 0.12 0.00	34.64 0.13 0.00	38.59 -0.24 0.00	35.30 -0.09 0.00	42.96 -0.30 0.00	45.97 -0.14 0.00	47.06 -0.06 0.00
GILBOA___1 23756	50.28 0.35 0.00	43.47 0.21 0.00	38.80 0.32 0.00	37.62 0.32 0.00	38.02 0.34 0.00	37.54 0.38 0.00	36.99 0.58 0.00	39.30 0.68 0.00	41.34 0.68 0.00	40.72 0.64 0.00	44.11 0.77 0.00	41.27 0.88 0.00	45.31 1.10 0.00	42.80 1.02 0.00	32.03 0.77 0.00	33.25 0.76 0.00	35.22 0.74 0.00	32.72 0.68 0.00	35.19 0.68 0.00	39.19 0.36 0.00	35.74 0.36 0.00	43.58 0.32 0.00	46.59 0.47 0.00	47.44 0.32 0.00
GILBOA___2 23757	50.28 0.35 0.00	43.47 0.21 0.00	38.80 0.32 0.00	37.62 0.32 0.00	38.02 0.34 0.00	37.54 0.38 0.00	36.99 0.58 0.00	39.30 0.68 0.00	41.34 0.68 0.00	40.72 0.64 0.00	44.11 0.77 0.00	41.27 0.88 0.00	45.31 1.10 0.00	42.80 1.02 0.00	32.03 0.77 0.00	33.25 0.76 0.00	35.22 0.74 0.00	32.72 0.68 0.00	35.19 0.68 0.00	39.19 0.36 0.00	35.74 0.36 0.00	43.58 0.32 0.00	46.59 0.47 0.00	47.44 0.32 0.00
GILBOA___3 23758	50.28 0.35 0.00	43.47 0.21 0.00	38.80 0.32 0.00	37.62 0.32 0.00	38.02 0.34 0.00	37.54 0.38 0.00	36.99 0.58 0.00	39.30 0.68 0.00	41.34 0.68 0.00	40.72 0.64 0.00	44.11 0.77 0.00	41.27 0.88 0.00	45.31 1.10 0.00	42.80 1.02 0.00	32.03 0.77 0.00	33.25 0.76 0.00	35.22 0.74 0.00	32.72 0.68 0.00	35.19 0.68 0.00	39.19 0.36 0.00	35.74 0.36 0.00	43.58 0.32 0.00	46.59 0.47 0.00	47.44 0.32 0.00

GILBOA___4 23759	50.28 0.35 0.00	43.47 0.21 0.00	38.80 0.32 0.00	37.62 0.32 0.00	38.02 0.34 0.00	37.54 0.38 0.00	36.99 0.58 0.00	39.30 0.68 0.00	41.34 0.68 0.00	40.72 0.64 0.00	44.11 0.77 0.00	41.27 0.88 0.00	45.31 1.10 0.00	42.80 1.02 0.00	32.03 0.77 0.00	33.25 0.76 0.00	35.22 0.74 0.00	32.72 0.68 0.00	35.19 0.68 0.00	39.19 0.36 0.00	35.74 0.36 0.00	43.58 0.32 0.00	46.59 0.47 0.00	47.44 0.32 0.00
GILBOA____ 23599	50.28 0.35 0.00	43.47 0.21 0.00	38.80 0.32 0.00	37.61 0.31 0.00	38.02 0.33 0.00	37.54 0.38 0.00	37.00 0.59 0.00	39.30 0.68 0.00	41.34 0.68 0.00	40.72 0.64 0.00	44.11 0.78 0.00	41.27 0.88 0.00	45.32 1.10 0.00	42.80 1.02 0.00	32.03 0.77 0.00	33.25 0.76 0.00	35.22 0.74 0.00	32.73 0.69 0.00	35.19 0.68 0.00	39.19 0.36 0.00	35.74 0.36 0.00	43.58 0.32 0.00	46.59 0.47 0.00	47.44 0.32 0.00
GINNA____ 23603	43.67 -1.49 4.77	35.17 -1.09 7.00	32.72 -1.10 4.66	30.88 -1.04 5.37	34.08 -1.17 2.44	34.56 -1.18 1.43	33.46 -0.96 1.98	36.75 -1.21 0.66	38.60 -1.17 0.89	38.59 -0.72 0.77	42.83 -0.50 0.00	39.71 -0.68 0.00	43.85 -0.37 0.00	36.98 -0.08 4.71	-43.41 -0.24 74.44	-9.49 0.19 42.17	19.73 0.24 14.98	4.32 0.05 27.77	18.20 0.22 16.54	34.58 -0.25 4.00	34.41 -0.85 0.12	42.39 -0.77 0.10	45.06 -1.00 0.06	45.94 -1.18 0.00
GLEN PARK____ 23778	52.34 2.42 0.00	45.00 1.74 0.00	39.79 1.32 0.00	38.57 1.27 0.00	38.98 1.30 0.00	38.51 1.34 0.00	38.13 1.72 0.00	40.34 1.72 0.00	42.75 2.08 0.00	42.26 2.18 0.00	44.92 1.59 0.00	41.60 1.20 0.00	43.98 -0.23 0.00	41.38 -0.40 0.00	31.40 0.14 0.00	32.30 -0.19 0.00	35.51 1.04 0.00	33.49 1.45 0.00	36.09 1.58 0.00	40.57 1.74 0.00	36.27 0.89 0.00	44.47 1.20 0.00	46.87 0.75 0.00	48.72 1.60 0.00
GLENDALE_27_KV_LOAD 356172	51.67 1.75 0.00	44.42 1.16 0.00	39.41 0.93 0.00	38.16 0.85 0.00	38.65 0.97 0.00	38.50 1.33 0.00	38.21 1.80 0.00	40.80 2.18 0.00	42.99 2.32 0.00	42.41 2.32 0.00	46.11 2.79 0.00	43.39 3.00 0.00	47.90 3.68 0.00	45.28 3.51 0.00	33.83 2.56 0.00	34.88 2.39 0.00	36.84 2.36 0.00	34.12 2.08 0.00	36.59 2.08 0.00	40.69 1.86 0.00	36.84 1.46 0.00	45.00 1.74 0.00	48.25 2.14 0.00	48.70 1.58 0.00
GLENWOOD_IC_1_G5 23712	51.68 1.76 0.00	44.40 1.14 0.00	39.34 0.87 0.00	38.13 0.83 0.00	38.64 0.96 0.00	38.41 1.24 0.00	38.14 1.73 0.00	40.74 2.13 0.00	42.93 2.27 0.00	42.28 2.20 0.00	46.17 2.85 0.00	43.40 3.01 0.00	48.03 3.81 0.00	45.35 3.57 0.00	33.83 2.56 0.00	34.96 2.47 0.00	36.95 2.47 0.00	34.61 2.07 -0.51	36.61 2.10 0.00	40.62 1.79 0.00	36.67 1.29 0.00	44.82 1.56 0.00	48.03 1.91 0.00	48.74 1.63 0.00
GLENWOOD_IC_2_G1 23688	51.47 1.55 0.00	44.24 0.97 0.00	39.21 0.74 0.00	38.00 0.70 0.00	38.51 0.82 0.00	38.27 1.11 0.00	37.97 1.56 0.00	40.54 1.92 0.00	42.70 2.04 0.00	42.07 1.99 0.00	45.87 2.54 0.00	43.12 2.73 0.00	47.70 3.48 0.00	45.04 3.27 0.00	33.62 2.35 0.00	34.73 2.24 0.00	36.74 2.26 0.00	34.57 2.03 -0.51	36.57 2.06 0.00	40.60 1.78 0.00	36.71 1.33 0.00	44.84 1.58 0.00	48.03 1.92 0.00	48.53 1.41 0.00
GLENWOOD_IC_3_G1 23689	51.47 1.55 0.00	44.24 0.97 0.00	39.21 0.74 0.00	38.00 0.70 0.00	38.51 0.82 0.00	38.27 1.11 0.00	37.97 1.56 0.00	40.54 1.92 0.00	42.70 2.04 0.00	42.07 1.99 0.00	45.87 2.54 0.00	43.12 2.73 0.00	47.70 3.48 0.00	45.04 3.27 0.00	33.62 2.35 0.00	34.73 2.24 0.00	36.74 2.26 0.00	34.57 2.03 -0.51	36.57 2.06 0.00	40.60 1.78 0.00	36.71 1.33 0.00	44.84 1.58 0.00	48.03 1.92 0.00	48.53 1.41 0.00
GLENWOOD___4 23550	51.68 1.76 0.00	44.40 1.14 0.00	39.34 0.87 0.00	38.13 0.83 0.00	38.64 0.96 0.00	38.41 1.24 0.00	38.14 1.73 0.00	40.74 2.13 0.00	42.93 2.27 0.00	42.28 2.20 0.00	46.17 2.85 0.00	43.40 3.01 0.00	48.03 3.81 0.00	45.35 3.57 0.00	33.83 2.56 0.00	34.96 2.47 0.00	36.96 2.48 0.00	34.69 2.15 -0.51	36.70 2.18 0.00	40.72 1.90 0.00	36.76 1.37 0.00	44.93 1.67 0.00	48.13 2.01 0.00	48.74 1.63 0.00
GLENWOOD___5 23614	51.68 1.76 0.00	44.40 1.14 0.00	39.34 0.87 0.00	38.13 0.83 0.00	38.64 0.96 0.00	38.41 1.24 0.00	38.14 1.73 0.00	40.74 2.13 0.00	42.93 2.27 0.00	42.28 2.20 0.00	46.17 2.85 0.00	43.40 3.01 0.00	48.03 3.81 0.00	45.35 3.57 0.00	33.83 2.56 0.00	34.96 2.47 0.00	36.96 2.48 0.00	34.69 2.15 -0.51	36.70 2.18 0.00	40.72 1.90 0.00	36.76 1.37 0.00	44.93 1.67 0.00	48.13 2.01 0.00	48.74 1.63 0.00
GLOBAL GREEN_PORT_GT1 23814	52.94 3.02 0.00	45.64 2.37 0.00	40.23 1.75 0.00	39.01 1.70 0.00	39.77 2.08 0.00	38.78 1.61 0.00	38.92 2.51 0.00	42.13 3.51 0.00	44.69 4.03 0.00	43.65 3.57 0.00	47.87 4.54 0.00	45.03 4.64 0.00	49.68 5.46 0.00	47.26 5.48 0.00	35.29 4.03 0.00	36.43 3.94 0.00	38.93 4.45 0.00	36.25 3.71 -0.51	38.31 3.80 0.00	42.65 3.82 0.00	38.17 2.79 0.00	46.59 3.33 0.00	49.95 3.83 0.00	50.22 3.10 0.00
GLOBE___DSASP 323697	49.30 -0.62 0.00	43.41 0.15 0.00	38.45 -0.02 0.00	37.65 0.34 0.00	37.76 0.08 0.00	37.06 -0.11 0.00	36.27 -0.14 0.00	37.82 -0.80 0.00	39.82 -0.85 0.00	40.12 0.03 0.00	44.08 0.74 0.00	40.93 0.53 0.00	45.33 1.11 0.00	44.35 0.80 -1.77	59.41 0.16 -27.99	49.09 0.74 -15.86	40.62 0.51 -5.63	42.53 0.05 -10.44	40.93 0.20 -6.22	40.07 -0.26 -1.50	34.76 -0.62 0.00	43.28 0.02 0.00	46.06 -0.06 0.00	47.34 0.22 0.00
GOETHSLN___LBMP 323567	51.23 1.31 0.00	44.00 0.74 0.00	39.03 0.55 0.00	37.80 0.50 0.00	38.32 0.64 0.00	38.17 1.00 0.00	37.84 1.43 0.00	40.33 1.72 0.00	42.45 1.79 0.00	41.89 1.82 0.00	45.58 2.25 0.00	42.92 2.53 0.00	47.45 3.23 0.00	44.83 3.06 0.00	33.53 2.26 0.00	34.65 2.16 0.00	36.59 2.11 0.00	33.89 1.85 0.00	36.38 1.87 0.00	40.46 1.63 0.00	36.60 1.22 0.00	44.59 1.33 0.00	47.83 1.71 0.00	48.29 1.17 0.00
GOLAH____69_KV_TB 1_2 80279	51.48 1.55 0.00	44.96 1.70 0.00	39.87 1.40 0.00	38.73 1.43 0.00	38.87 1.18 0.00	38.30 1.13 0.00	37.72 1.31 0.00	39.67 1.05 0.00	41.92 1.26 0.00	41.91 1.83 0.00	45.67 2.34 0.00	42.11 1.72 0.00	46.66 2.45 0.00	50.04 2.73 -5.53	120.69 1.98 -87.44	84.39 2.36 -49.54	54.46 2.38 -17.60	66.79 2.13 -32.62	56.31 2.36 -19.43	45.72 2.20 -4.69	36.57 1.19 0.00	45.16 1.90 0.00	48.01 1.89 0.00	48.86 1.74 0.00
GOODYEAR_LAKE_HYD 323669	51.22 1.30 0.00	44.24 0.97 0.00	39.36 0.88 0.00	38.13 0.83 0.00	38.57 0.89 0.00	38.18 1.02 0.00	37.66 1.25 0.00	39.98 1.36 0.00	42.08 1.41 0.00	41.52 1.44 0.00	45.08 1.75 0.00	42.15 1.76 0.00	46.21 1.99 0.00	43.54 1.76 0.00	32.55 1.29 0.00	33.96 1.47 0.00	36.07 1.59 0.00	33.50 1.46 0.00	36.04 1.53 0.00	40.14 1.32 0.00	36.51 1.13 0.00	44.51 1.26 0.00	47.49 1.38 0.00	48.28 1.17 0.00

GOUDEY___7 345031	50.33 0.41 0.00	43.43 0.17 0.00	38.61 0.13 0.00	37.34 0.04 0.00	37.81 0.12 0.00	37.35 0.18 0.00	36.79 0.38 0.00	38.97 0.36 0.00	41.08 0.42 0.00	40.64 0.56 0.00	44.25 0.92 0.00	41.14 0.75 0.00	45.15 0.93 0.00	42.66 0.89 0.00	31.90 0.63 0.00	33.47 0.98 0.00	35.41 0.94 0.00	32.95 0.91 0.00	35.46 0.94 0.00	39.53 0.70 0.00	35.89 0.51 0.00	43.96 0.70 0.00	46.84 0.73 0.00	47.59 0.47 0.00
GOUDEY___7 23579	50.33 0.41 0.00	43.43 0.17 0.00	38.61 0.13 0.00	37.34 0.04 0.00	37.81 0.12 0.00	37.35 0.18 0.00	36.79 0.38 0.00	38.97 0.36 0.00	41.08 0.42 0.00	40.64 0.56 0.00	44.25 0.92 0.00	41.14 0.75 0.00	45.15 0.93 0.00	42.66 0.89 0.00	31.90 0.63 0.00	33.47 0.98 0.00	35.41 0.94 0.00	32.95 0.91 0.00	35.46 0.94 0.00	39.53 0.70 0.00	35.89 0.51 0.00	43.96 0.70 0.00	46.84 0.73 0.00	47.59 0.47 0.00
GOUDEY___8 23580	50.33 0.41 0.00	43.43 0.17 0.00	38.61 0.13 0.00	37.34 0.04 0.00	37.81 0.12 0.00	37.35 0.18 0.00	36.79 0.38 0.00	38.97 0.36 0.00	41.08 0.42 0.00	40.64 0.56 0.00	44.25 0.92 0.00	41.14 0.75 0.00	45.15 0.93 0.00	42.66 0.89 0.00	31.90 0.63 0.00	33.47 0.98 0.00	35.41 0.94 0.00	32.95 0.91 0.00	35.46 0.94 0.00	39.53 0.70 0.00	35.89 0.51 0.00	43.96 0.70 0.00	46.84 0.73 0.00	47.59 0.47 0.00
GOWANUS_GT1_1 24077	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_2 24078	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_3 24079	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_4 24080	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_5 24084	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_6 24111	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_7 24112	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT1_8 24113	51.51 1.58 0.00	44.27 1.00 0.00	39.27 0.80 0.00	38.03 0.72 0.00	38.53 0.85 0.00	38.38 1.21 0.00	38.08 1.67 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.14 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.41 0.00	45.04 3.27 0.00	33.63 2.36 0.00	34.69 2.20 0.00	36.66 2.18 0.00	33.93 1.89 0.00	36.41 1.90 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.06 1.94 0.00	48.54 1.42 0.00
GOWANUS_GT2_1 24114	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT2_2 24115	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT2_3 24116	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT2_4 24117	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00

GOWANUS_GT2_5 24118	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT2_6 24119	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT2_7 24120	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT2_8 24121	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
GOWANUS_GT3_1 24122	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_2 24123	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_3 24124	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_4 24125	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_5 24126	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_6 24127	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_7 24128	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT3_8 24129	51.50 1.58 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.02 0.72 0.00	38.53 0.85 0.00	38.37 1.21 0.00	38.07 1.66 0.00	40.61 1.99 0.00	42.75 2.08 0.00	42.15 2.07 0.00	45.84 2.51 0.00	43.14 2.74 0.00	47.63 3.42 0.00	45.04 3.26 0.00	33.63 2.36 0.00	34.67 2.18 0.00	36.65 2.18 0.00	33.93 1.89 0.00	36.40 1.88 0.00	40.49 1.66 0.00	36.68 1.30 0.00	44.80 1.54 0.00	48.05 1.94 0.00	48.55 1.43 0.00
GOWANUS_GT4_1 24130	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GOWANUS_GT4_2 24131	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GOWANUS_GT4_3 24132	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00

GOWANUS_GT4_4 24133	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GOWANUS_GT4_5 24134	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GOWANUS_GT4_6 24135	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GOWANUS_GT4_7 24136	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GOWANUS_GT4_8 24137	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GREENBSH_115KV_TB3 55895	49.94 0.01 0.00	43.48 0.21 0.00	38.68 0.21 0.00	37.66 0.36 0.00	38.03 0.34 0.00	37.76 0.59 0.00	37.09 0.68 0.00	39.49 0.87 0.00	41.54 0.88 0.00	40.67 0.59 0.00	43.58 0.25 0.00	40.88 0.48 0.00	44.54 0.33 0.00	42.10 0.32 0.00	31.50 0.24 0.00	32.83 0.33 0.00	34.67 0.20 0.00	32.17 0.13 0.00	34.67 0.16 0.00	38.56 -0.27 0.00	35.39 0.01 0.00	42.99 -0.27 0.00	46.07 -0.05 0.00	47.01 -0.11 0.00
GREENDGE_115KV_TB5 80291	51.34 1.42 0.00	44.37 1.11 0.00	39.33 0.86 0.00	37.96 0.66 0.00	38.38 0.70 0.00	37.83 0.66 0.00	37.20 0.79 0.00	39.32 0.70 0.00	41.48 0.81 0.00	41.33 1.25 0.00	45.24 1.91 0.00	41.11 0.72 0.00	45.25 1.03 0.00	43.02 1.25 0.00	32.14 0.88 0.00	34.11 1.62 0.00	36.19 1.72 0.00	33.65 1.61 0.00	36.55 2.04 0.00	40.69 1.87 0.00	36.76 1.38 0.00	44.86 1.60 0.00	47.52 1.40 0.00	48.22 1.10 0.00
GREENIDGE___3 23582	51.34 1.42 0.00	44.37 1.11 0.00	39.33 0.86 0.00	37.96 0.66 0.00	38.38 0.70 0.00	37.83 0.66 0.00	37.20 0.79 0.00	39.32 0.70 0.00	41.48 0.81 0.00	41.33 1.25 0.00	45.24 1.91 0.00	41.11 0.72 0.00	45.25 1.03 0.00	43.02 1.25 0.00	32.14 0.88 0.00	34.11 1.62 0.00	36.19 1.72 0.00	33.65 1.61 0.00	36.55 2.04 0.00	40.69 1.87 0.00	36.76 1.38 0.00	44.86 1.60 0.00	47.52 1.40 0.00	48.22 1.10 0.00
GREENIDGE___4 23583	55.27 1.42 -3.93	50.16 1.12 -5.77	43.18 0.86 -3.84	42.39 0.65 -4.43	40.39 0.69 -2.01	39.00 0.65 -1.17	38.86 0.82 -1.64	39.86 0.70 -0.54	42.22 0.81 -0.73	41.95 1.24 -0.63	45.24 1.91 0.00	41.11 0.72 0.00	45.25 1.03 0.00	43.03 1.26 0.00	32.14 0.87 0.00	34.16 1.67 0.00	36.21 1.73 0.00	33.67 1.63 0.00	36.63 2.12 0.00	40.70 1.87 0.00	36.86 1.38 -0.10	44.94 1.60 -0.08	47.57 1.41 -0.05	48.22 1.10 0.00
GREENLWN_69_KV_BK 3 55738	51.20 1.28 0.00	44.10 0.84 0.00	38.97 0.49 0.00	37.84 0.54 0.00	38.44 0.75 0.00	38.06 0.89 0.00	37.95 1.54 0.00	40.59 1.97 0.00	42.82 2.15 0.00	42.11 2.03 0.00	46.07 2.74 0.00	43.22 2.82 0.00	47.88 3.67 0.00	45.16 3.38 0.00	33.43 2.17 0.00	34.32 1.84 0.00	36.42 1.95 0.00	34.22 1.67 -0.51	36.24 1.73 0.00	40.23 1.40 0.00	36.22 0.84 0.00	44.64 1.38 0.00	48.16 2.04 0.00	48.51 1.39 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00
GRISSOM___SOLAR 323813	52.31 2.39 0.00	45.31 2.05 0.00	40.26 1.78 0.00	39.01 1.71 0.00	39.38 1.70 0.00	38.98 1.82 0.00	38.36 1.94 0.00	40.70 2.09 0.00	42.89 2.22 0.00	42.28 2.20 0.00	45.71 2.38 0.00	42.54 2.15 0.00	46.61 2.39 0.00	44.02 2.25 0.00	32.02 0.76 0.00	33.23 0.74 0.00	35.70 1.23 0.00	33.52 1.48 0.00	36.47 1.96 0.00	40.98 2.15 0.00	37.32 1.94 0.00	45.56 2.30 0.00	48.41 2.29 0.00	49.29 2.17 0.00
GROVEVILLE___HYD 323602	51.61 1.68 0.00	44.37 1.11 0.00	39.39 0.92 0.00	38.16 0.86 0.00	38.62 0.93 0.00	38.40 1.23 0.00	38.02 1.61 0.00	40.53 1.92 0.00	42.69 2.02 0.00	42.09 2.01 0.00	45.75 2.42 0.00	42.98 2.58 0.00	47.46 3.24 0.00	44.86 3.09 0.00	33.49 2.23 0.00	34.65 2.16 0.00	36.66 2.19 0.00	34.04 2.00 0.00	36.59 2.08 0.00	40.70 1.87 0.00	36.91 1.53 0.00	44.94 1.68 0.00	48.11 1.99 0.00	48.67 1.55 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	49.83 -0.09 0.00	43.13 -0.14 0.00	38.32 -0.16 0.00	37.10 -0.20 0.00	37.49 -0.20 0.00	37.01 -0.15 0.00	36.41 0.00 0.00	38.54 -0.07 0.00	40.64 -0.03 0.00	40.14 0.06 0.00	43.48 0.15 0.00	40.33 -0.06 0.00	43.97 -0.25 0.00	41.51 -0.27 0.00	31.08 -0.18 0.00	32.53 0.04 0.00	34.56 0.09 0.00	32.25 0.21 0.00	34.76 0.24 0.00	38.92 0.09 0.00	35.38 0.01 0.00	43.45 0.19 0.00	46.25 0.13 0.00	47.13 0.02 0.00
HAMLTNNY_34_KV_TB 80303	50.16 0.24 0.00	43.40 0.14 0.00	38.58 0.10 0.00	37.36 0.06 0.00	37.75 0.07 0.00	37.25 0.08 0.00	36.65 0.24 0.00	38.78 0.16 0.00	40.88 0.22 0.00	40.44 0.36 0.00	43.83 0.50 0.00	40.61 0.22 0.00	44.18 -0.04 0.00	41.77 0.00 0.00	31.26 -0.01 0.00	32.79 0.30 0.00	34.80 0.32 0.00	32.52 0.48 0.00	35.08 0.57 0.00	39.28 0.45 0.00	35.65 0.27 0.00	43.76 0.50 0.00	46.61 0.49 0.00	47.47 0.35 0.00

HAMPSHIRE___PAPER_HYD 323593	51.01 1.08 0.00	44.20 0.94 0.00	39.28 0.80 0.00	38.08 0.77 0.00	38.44 0.76 0.00	37.87 0.70 0.00	37.20 0.78 0.00	39.33 0.71 0.00	41.48 0.82 0.00	40.88 0.80 0.00	43.73 0.40 0.00	40.56 0.17 0.00	43.68 -0.54 0.00	41.25 -0.52 0.00	30.89 -0.37 0.00	31.66 -0.83 0.00	34.03 -0.44 0.00	31.78 -0.26 0.00	34.22 -0.29 0.00	38.92 0.09 0.00	35.29 -0.09 0.00	43.20 -0.06 0.00	45.98 -0.14 0.00	47.69 0.57 0.00
HARDSCRABBLE_WT_PWR 323673	50.32 0.39 0.00	43.43 0.16 0.00	38.65 0.17 0.00	37.52 0.22 0.00	38.00 0.31 0.00	37.58 0.41 0.00	36.94 0.53 0.00	39.29 0.67 0.00	41.48 0.82 0.00	40.56 0.48 0.00	43.68 0.36 0.00	40.70 0.30 0.00	44.65 0.43 0.00	42.22 0.44 0.00	31.02 -0.24 0.00	32.16 -0.34 0.00	34.17 -0.30 0.00	32.14 0.10 0.00	34.68 0.17 0.00	38.81 -0.01 0.00	35.72 0.34 0.00	43.44 0.18 0.00	46.49 0.37 0.00	47.29 0.17 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	51.35 1.43 0.00	44.11 0.84 0.00	39.14 0.66 0.00	37.91 0.60 0.00	38.36 0.68 0.00	38.15 0.98 0.00	37.77 1.36 0.00	40.26 1.65 0.00	42.37 1.71 0.00	41.84 1.76 0.00	45.52 2.19 0.00	42.82 2.42 0.00	47.31 3.09 0.00	44.71 2.93 0.00	33.36 2.10 0.00	34.55 2.06 0.00	36.58 2.10 0.00	33.91 1.87 0.00	36.44 1.92 0.00	40.53 1.70 0.00	36.72 1.34 0.00	44.68 1.43 0.00	47.87 1.76 0.00	48.40 1.28 0.00
HARSNRAD_115KV_TB1 81005	50.08 0.16 0.00	43.95 0.69 0.00	38.89 0.41 0.00	37.82 0.52 0.00	37.97 0.28 0.00	37.24 0.07 0.00	36.53 0.12 0.00	38.26 -0.35 0.00	40.35 -0.31 0.00	40.68 0.60 0.00	44.64 1.31 0.00	41.33 0.94 0.00	45.83 1.62 0.00	45.84 1.61 -2.46	71.04 0.84 -38.93	56.02 1.47 -22.06	43.65 1.34 -7.84	47.43 0.86 -14.53	44.30 1.13 -8.65	41.63 0.71 -2.09	35.53 0.15 0.00	44.20 0.94 0.00	46.99 0.87 0.00	48.00 0.88 0.00
HARZA MOOSE___RIVER 24016	51.46 1.54 0.00	44.41 1.15 0.00	39.42 0.94 0.00	38.17 0.86 0.00	38.56 0.88 0.00	38.11 0.95 0.00	37.58 1.17 0.00	39.79 1.17 0.00	42.04 1.37 0.00	41.52 1.43 0.00	44.54 1.21 0.00	41.32 0.93 0.00	44.72 0.51 0.00	41.81 0.03 0.00	31.50 0.23 0.00	32.59 0.10 0.00	35.12 0.65 0.00	32.85 0.82 0.00	35.42 0.91 0.00	39.90 1.07 0.00	35.92 0.54 0.00	43.95 0.69 0.00	46.47 0.36 0.00	47.92 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	49.50 -0.42 0.00	42.87 -0.39 0.00	38.09 -0.39 0.00	36.90 -0.41 0.00	37.28 -0.40 0.00	36.82 -0.35 0.00	36.20 -0.22 0.00	38.35 -0.27 0.00	40.43 -0.23 0.00	39.94 -0.14 0.00	43.27 -0.06 0.00	40.19 -0.21 0.00	43.90 -0.32 0.00	41.47 -0.31 0.00	31.05 -0.21 0.00	32.46 -0.03 0.00	34.47 0.00 0.00	32.09 0.05 0.00	34.58 0.06 0.00	38.67 -0.16 0.00	35.17 -0.21 0.00	43.18 -0.08 0.00	45.99 -0.13 0.00	46.88 -0.24 0.00
HELLGATE_13_KV_LD 55870	51.77 1.84 0.00	44.49 1.23 0.00	39.49 1.01 0.00	38.23 0.92 0.00	38.73 1.04 0.00	38.57 1.40 0.00	38.30 1.89 0.00	40.88 2.26 0.00	43.06 2.39 0.00	42.46 2.38 0.00	46.18 2.85 0.00	43.45 3.06 0.00	47.96 3.74 0.00	45.35 3.58 0.00	33.87 2.61 0.00	34.93 2.43 0.00	36.89 2.42 0.00	34.17 2.13 0.00	36.65 2.14 0.00	40.73 1.91 0.00	36.89 1.51 0.00	45.06 1.80 0.00	48.32 2.20 0.00	48.76 1.65 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	51.77 1.84 0.00	44.49 1.23 0.00	39.49 1.01 0.00	38.23 0.92 0.00	38.73 1.04 0.00	38.57 1.40 0.00	38.30 1.89 0.00	40.88 2.26 0.00	43.06 2.39 0.00	42.46 2.38 0.00	46.18 2.85 0.00	43.45 3.06 0.00	47.96 3.74 0.00	45.35 3.58 0.00	33.87 2.61 0.00	34.93 2.43 0.00	36.89 2.42 0.00	34.17 2.13 0.00	36.65 2.14 0.00	40.73 1.91 0.00	36.89 1.51 0.00	45.06 1.80 0.00	48.32 2.20 0.00	48.76 1.65 0.00
HEMPSTEAD___ 23647	51.46 1.53 0.00	44.21 0.95 0.00	39.13 0.65 0.00	37.95 0.64 0.00	38.49 0.80 0.00	38.22 1.05 0.00	37.98 1.57 0.00	40.62 2.01 0.00	42.79 2.12 0.00	42.13 2.05 0.00	46.01 2.69 0.00	43.24 2.84 0.00	47.87 3.65 0.00	45.18 3.41 0.00	33.68 2.42 0.00	34.76 2.27 0.00	36.82 2.34 0.00	34.66 2.11 -0.51	36.67 2.16 0.00	40.69 1.87 0.00	36.67 1.29 0.00	44.88 1.62 0.00	48.17 2.05 0.00	48.60 1.48 0.00
HICKLING___1 23621	50.98 1.06 0.00	43.88 0.62 0.00	38.95 0.47 0.00	37.49 0.18 0.00	38.02 0.33 0.00	37.46 0.29 0.00	36.92 0.51 0.00	39.01 0.39 0.00	41.15 0.49 0.00	40.88 0.80 0.00	45.00 1.68 0.00	41.34 0.95 0.00	45.77 1.55 0.00	43.51 1.73 0.00	32.49 1.23 0.00	34.40 1.91 0.00	36.26 1.79 0.00	33.82 1.78 0.00	36.48 1.97 0.00	40.40 1.57 0.00	36.53 1.15 0.00	44.88 1.62 0.00	47.55 1.44 0.00	48.16 1.04 0.00
HICKLING___2 23622	50.98 1.06 0.00	43.88 0.62 0.00	38.95 0.47 0.00	37.49 0.18 0.00	38.02 0.33 0.00	37.46 0.29 0.00	36.92 0.51 0.00	39.01 0.39 0.00	41.15 0.49 0.00	40.88 0.80 0.00	45.00 1.68 0.00	41.34 0.95 0.00	45.77 1.55 0.00	43.51 1.73 0.00	32.49 1.23 0.00	34.40 1.91 0.00	36.26 1.79 0.00	33.82 1.78 0.00	36.48 1.97 0.00	40.40 1.57 0.00	36.53 1.15 0.00	44.88 1.62 0.00	47.55 1.44 0.00	48.16 1.04 0.00
HIGH FALLS___HY 23754	51.50 1.58 0.00	44.20 0.93 0.00	39.23 0.75 0.00	37.96 0.65 0.00	38.44 0.75 0.00	38.19 1.03 0.00	37.85 1.44 0.00	40.33 1.71 0.00	42.49 1.82 0.00	41.96 1.88 0.00	45.71 2.39 0.00	42.98 2.59 0.00	47.65 3.43 0.00	45.06 3.28 0.00	33.58 2.32 0.00	34.72 2.23 0.00	36.77 2.30 0.00	34.17 2.13 0.00	36.71 2.20 0.00	40.87 2.05 0.00	37.00 1.62 0.00	45.04 1.78 0.00	48.17 2.05 0.00	48.65 1.53 0.00
HIGH_RIVER___SOLAR 323847	51.39 1.47 0.00	44.50 1.24 0.00	39.56 1.08 0.00	38.37 1.07 0.00	38.74 1.06 0.00	38.32 1.16 0.00	37.74 1.33 0.00	40.00 1.39 0.00	42.12 1.45 0.00	41.43 1.35 0.00	44.68 1.35 0.00	41.70 1.31 0.00	45.62 1.41 0.00	43.20 1.42 0.00	31.80 0.54 0.00	32.77 0.28 0.00	35.18 0.70 0.00	32.99 0.95 0.00	35.79 1.27 0.00	40.16 1.33 0.00	36.61 1.23 0.00	44.66 1.40 0.00	47.59 1.47 0.00	48.48 1.36 0.00
HILLBURN___GT 23639	51.18 1.25 0.00	43.92 0.66 0.00	38.96 0.48 0.00	37.73 0.43 0.00	38.20 0.51 0.00	38.02 0.85 0.00	37.63 1.22 0.00	40.14 1.52 0.00	42.21 1.55 0.00	41.68 1.60 0.00	45.37 2.04 0.00	42.71 2.32 0.00	47.22 3.00 0.00	44.60 2.83 0.00	33.30 2.04 0.00	34.47 1.97 0.00	36.46 1.99 0.00	33.76 1.72 0.00	36.28 1.77 0.00	40.33 1.51 0.00	36.53 1.15 0.00	44.46 1.20 0.00	47.68 1.57 0.00	48.21 1.09 0.00
HILLSIDE_115KV_TB1 80332	50.01 0.09 0.00	42.95 -0.31 0.00	38.20 -0.28 0.00	36.77 -0.53 0.00	37.37 -0.31 0.00	36.82 -0.35 0.00	36.32 -0.09 0.00	38.43 -0.18 0.00	40.58 -0.08 0.00	40.23 0.15 0.00	44.20 0.87 0.00	40.78 0.38 0.00	45.10 0.88 0.00	42.74 0.96 0.00	31.94 0.67 0.00	33.82 1.33 0.00	35.59 1.11 0.00	33.17 1.13 0.00	35.71 1.20 0.00	39.63 0.80 0.00	35.86 0.48 0.00	43.99 0.73 0.00	46.76 0.65 0.00	47.39 0.27 0.00

HISHELDN_WT_PWR 323625	43.56 0.79 7.16	33.74 1.00 10.52	32.16 0.67 7.00	29.81 0.59 8.07	34.41 0.39 3.66	35.15 0.12 2.14	33.64 0.21 2.98	37.29 -0.34 0.99	38.93 -0.39 1.34	39.54 0.61 1.15	44.80 1.47 0.00	41.17 0.78 0.00	45.67 1.46 0.00	45.03 1.71 -1.54	56.48 0.91 -24.31	47.93 1.67 -13.78	40.99 1.63 -4.89	42.45 1.34 -9.07	41.69 1.77 -5.40	41.05 0.92 -1.31	35.82 0.62 0.18	44.54 1.43 0.15	47.25 1.22 0.09	48.09 0.97 0.00
HOLTSVILLE_IC_1 23690	51.58 1.66 0.00	44.37 1.11 0.00	39.19 0.72 0.00	38.09 0.79 0.00	38.70 1.02 0.00	38.25 1.08 0.00	38.14 1.73 0.00	40.85 2.23 0.00	43.15 2.48 0.00	42.40 2.32 0.00	46.21 2.88 0.00	43.33 2.93 0.00	48.05 3.83 0.00	45.43 3.65 0.00	33.84 2.58 0.00	34.81 2.32 0.00	36.97 2.49 0.00	34.67 2.12 -0.51	36.74 2.23 0.00	40.85 2.03 0.00	36.79 1.41 0.00	45.15 1.88 0.00	48.51 2.39 0.00	48.81 1.69 0.00
HOLTSVILLE_IC_10 23699	51.83 1.91 0.00	44.57 1.31 0.00	39.35 0.87 0.00	38.26 0.96 0.00	38.87 1.18 0.00	38.40 1.24 0.00	38.31 1.90 0.00	41.05 2.44 0.00	43.39 2.72 0.00	42.63 2.54 0.00	46.45 3.12 0.00	43.54 3.14 0.00	48.34 4.12 0.00	45.71 3.94 0.00	34.01 2.74 0.00	34.98 2.49 0.00	37.17 2.70 0.00	34.89 2.34 -0.51	36.99 2.48 0.00	41.15 2.32 0.00	37.06 1.68 0.00	45.44 2.19 0.00	48.80 2.68 0.00	49.07 1.95 0.00
HOLTSVILLE_IC_2 23691	51.58 1.66 0.00	44.37 1.11 0.00	39.19 0.72 0.00	38.09 0.79 0.00	38.70 1.02 0.00	38.25 1.08 0.00	38.14 1.73 0.00	40.85 2.23 0.00	43.15 2.48 0.00	42.40 2.32 0.00	46.21 2.88 0.00	43.33 2.93 0.00	48.05 3.83 0.00	45.43 3.65 0.00	33.84 2.58 0.00	34.81 2.32 0.00	36.97 2.49 0.00	34.67 2.12 -0.51	36.74 2.23 0.00	40.85 2.03 0.00	36.79 1.41 0.00	45.15 1.88 0.00	48.51 2.39 0.00	48.81 1.69 0.00
HOLTSVILLE_IC_3 23692	51.58 1.66 0.00	44.37 1.11 0.00	39.19 0.72 0.00	38.09 0.79 0.00	38.70 1.02 0.00	38.25 1.08 0.00	38.14 1.73 0.00	40.85 2.23 0.00	43.15 2.48 0.00	42.40 2.32 0.00	46.21 2.88 0.00	43.33 2.93 0.00	48.05 3.83 0.00	45.43 3.65 0.00	33.84 2.58 0.00	34.81 2.32 0.00	36.97 2.49 0.00	34.67 2.12 -0.51	36.74 2.23 0.00	40.85 2.03 0.00	36.79 1.41 0.00	45.15 1.88 0.00	48.51 2.39 0.00	48.81 1.69 0.00
HOLTSVILLE_IC_4 23693	51.58 1.66 0.00	44.37 1.11 0.00	39.19 0.72 0.00	38.09 0.79 0.00	38.70 1.02 0.00	38.25 1.08 0.00	38.14 1.73 0.00	40.85 2.23 0.00	43.15 2.48 0.00	42.40 2.32 0.00	46.21 2.88 0.00	43.33 2.93 0.00	48.05 3.83 0.00	45.43 3.65 0.00	33.84 2.58 0.00	34.81 2.32 0.00	36.97 2.49 0.00	34.67 2.12 -0.51	36.74 2.23 0.00	40.85 2.03 0.00	36.79 1.41 0.00	45.15 1.88 0.00	48.51 2.39 0.00	48.81 1.69 0.00
HOLTSVILLE_IC_5 23694	51.58 1.66 0.00	44.37 1.11 0.00	39.19 0.72 0.00	38.09 0.79 0.00	38.70 1.02 0.00	38.25 1.08 0.00	38.14 1.73 0.00	40.85 2.23 0.00	43.15 2.48 0.00	42.40 2.32 0.00	46.21 2.88 0.00	43.33 2.93 0.00	48.05 3.83 0.00	45.43 3.65 0.00	33.84 2.58 0.00	34.81 2.32 0.00	36.97 2.49 0.00	34.67 2.12 -0.51	36.74 2.23 0.00	40.85 2.03 0.00	36.79 1.41 0.00	45.15 1.88 0.00	48.51 2.39 0.00	48.81 1.69 0.00
HOLTSVILLE_IC_6 23695	51.83 1.91 0.00	44.57 1.31 0.00	39.35 0.87 0.00	38.26 0.96 0.00	38.87 1.18 0.00	38.40 1.24 0.00	38.31 1.90 0.00	41.05 2.44 0.00	43.39 2.72 0.00	42.63 2.54 0.00	46.45 3.12 0.00	43.54 3.14 0.00	48.34 4.12 0.00	45.71 3.94 0.00	34.01 2.74 0.00	34.98 2.49 0.00	37.17 2.70 0.00	34.89 2.34 -0.51	36.99 2.48 0.00	41.15 2.32 0.00	37.06 1.68 0.00	45.44 2.19 0.00	48.80 2.68 0.00	49.07 1.95 0.00
HOLTSVILLE_IC_7 23696	51.83 1.91 0.00	44.57 1.31 0.00	39.35 0.87 0.00	38.26 0.96 0.00	38.87 1.18 0.00	38.40 1.24 0.00	38.31 1.90 0.00	41.05 2.44 0.00	43.39 2.72 0.00	42.63 2.54 0.00	46.45 3.12 0.00	43.54 3.14 0.00	48.34 4.12 0.00	45.71 3.94 0.00	34.01 2.74 0.00	34.98 2.49 0.00	37.17 2.70 0.00	34.89 2.34 -0.51	36.99 2.48 0.00	41.15 2.32 0.00	37.06 1.68 0.00	45.44 2.19 0.00	48.80 2.68 0.00	49.07 1.95 0.00
HOLTSVILLE_IC_8 23697	51.83 1.91 0.00	44.57 1.31 0.00	39.35 0.87 0.00	38.26 0.96 0.00	38.87 1.18 0.00	38.40 1.24 0.00	38.31 1.90 0.00	41.05 2.44 0.00	43.39 2.72 0.00	42.63 2.54 0.00	46.45 3.12 0.00	43.54 3.14 0.00	48.34 4.12 0.00	45.71 3.94 0.00	34.01 2.74 0.00	34.98 2.49 0.00	37.17 2.70 0.00	34.89 2.34 -0.51	36.99 2.48 0.00	41.15 2.32 0.00	37.06 1.68 0.00	45.44 2.19 0.00	48.80 2.68 0.00	49.07 1.95 0.00
HOLTSVILLE_IC_9 23698	51.83 1.91 0.00	44.57 1.31 0.00	39.35 0.87 0.00	38.26 0.96 0.00	38.87 1.18 0.00	38.40 1.24 0.00	38.31 1.90 0.00	41.05 2.44 0.00	43.39 2.72 0.00	42.63 2.54 0.00	46.45 3.12 0.00	43.54 3.14 0.00	48.34 4.12 0.00	45.71 3.94 0.00	34.01 2.74 0.00	34.98 2.49 0.00	37.17 2.70 0.00	34.89 2.34 -0.51	36.99 2.48 0.00	41.15 2.32 0.00	37.06 1.68 0.00	45.44 2.19 0.00	48.80 2.68 0.00	49.07 1.95 0.00
HOMER_HL_115KV_TB2 355744	51.10 1.18 0.00	44.05 0.78 0.00	39.10 0.63 0.00	37.75 0.45 0.00	38.31 0.62 0.00	37.85 0.69 0.00	37.47 1.06 0.00	39.56 0.94 0.00	41.54 0.88 0.00	41.71 1.63 0.00	45.93 2.60 0.00	42.35 1.96 0.00	47.41 3.19 0.00	45.72 2.62 -1.32	54.06 1.91 -20.89	47.22 2.89 -11.83	41.45 2.77 -4.21	42.26 2.42 -7.79	41.71 2.56 -4.64	42.36 2.41 -1.12	36.90 1.52 0.00	45.34 2.08 0.00	48.48 2.37 0.00	48.88 1.76 0.00
HOWARD_WT_PWR 323690	51.94 2.02 0.00	44.92 1.66 0.00	39.60 1.12 0.00	37.90 0.60 0.00	38.18 0.50 0.00	37.38 0.21 0.00	36.58 0.17 0.00	38.58 -0.03 0.00	40.44 -0.23 0.00	40.51 0.43 0.00	45.35 2.02 0.00	40.93 0.54 0.00	45.75 1.54 0.00	44.79 2.12 -0.90	46.74 1.25 -14.22	42.48 1.93 -8.06	39.34 2.00 -2.87	39.30 1.95 -5.31	40.15 2.47 -3.16	41.03 1.44 -0.76	36.83 1.45 0.00	44.92 1.66 0.00	47.28 1.16 0.00	47.83 0.71 0.00
HQ_GEN_CEDARS 23644	50.44 0.52 0.00	43.91 0.65 0.00	39.12 0.64 0.00	37.94 0.63 0.00	38.28 0.60 0.00	37.64 0.48 0.00	36.75 0.34 0.00	38.89 0.27 0.00	40.94 0.28 0.00	40.31 0.23 0.00	43.36 0.03 0.00	40.35 -0.04 0.00	43.96 -0.25 0.00	41.64 -0.14 0.00	31.17 -0.09 0.00	32.18 -0.31 0.00	34.23 -0.25 0.00	31.79 -0.25 0.00	34.26 -0.25 0.00	39.01 0.19 0.00	35.58 0.20 0.00	43.39 0.13 0.00	46.20 0.08 0.00	47.59 0.47 0.00
HQ_GEN_CEDARS_PROXY 323590	50.45 0.52 0.00	43.90 0.64 0.00	39.12 0.64 0.00	37.94 0.63 0.00	38.28 0.60 0.00	37.64 0.48 0.00	36.75 0.34 0.00	38.90 0.27 0.00	40.94 0.28 0.00	40.32 0.23 0.00	43.28 0.03 0.07	39.46 -0.04 0.90	43.96 -0.25 0.00	41.64 -0.14 0.00	31.17 -0.09 0.00	32.16 -0.33 0.00	34.22 -0.26 0.00	31.78 -0.25 0.00	32.66 -0.28 1.58	41.71 0.18 -2.70	35.58 0.20 0.00	43.39 0.13 0.00	46.19 0.08 0.00	47.58 0.46 0.00

HQ_GEN_CHPE_PROXY 323851	51.42 1.49 0.00	44.17 0.91 0.00	39.18 0.70 0.00	37.95 0.64 0.00	38.44 0.75 0.00	38.26 1.10 0.00	37.95 1.54 0.00	40.50 1.88 0.00	42.66 2.00 0.00	42.09 2.01 0.00	45.77 2.44 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.96 3.18 0.00	33.53 2.27 0.00	34.59 2.10 0.00	33.89 2.06 2.65	33.85 1.81 0.00	34.27 1.80 2.04	41.50 1.55 -1.13	36.56 1.18 0.00	44.67 1.42 0.00	50.83 1.86 -2.86	49.53 1.34 -1.07
HQ_GEN_IMPORT 323601	50.19 0.27 0.00	43.57 0.30 0.00	38.76 0.28 0.00	37.56 0.26 0.00	37.94 0.25 0.00	37.30 0.13 0.00	36.35 -0.06 0.00	38.52 -0.09 0.00	40.57 -0.10 0.00	39.98 -0.10 0.00	43.15 -0.18 0.00	40.21 -0.19 0.00	43.96 -0.26 0.00	41.56 -0.21 0.00	31.13 -0.13 0.00	32.29 -0.20 0.00	31.63 -0.20 2.65	31.84 -0.20 0.00	25.38 -0.20 8.93	38.97 0.14 0.00	35.53 0.15 0.00	43.40 0.14 0.00	49.07 0.09 -2.86	48.44 0.25 -1.07
HQ_GEN_WHEEL 23651	50.19 0.27 0.00	43.57 0.30 0.00	38.76 0.28 0.00	37.56 0.26 0.00	37.94 0.25 0.00	37.30 0.13 0.00	36.35 -0.06 0.00	38.52 -0.09 0.00	40.57 -0.10 0.00	39.98 -0.10 0.00	43.15 -0.18 0.00	40.21 -0.19 0.00	43.96 -0.26 0.00	41.56 -0.21 0.00	31.13 -0.13 0.00	32.29 -0.20 0.00	31.63 -0.20 2.65	31.84 -0.20 0.00	25.38 -0.20 8.93	38.97 0.14 0.00	35.53 0.15 0.00	43.40 0.14 0.00	49.07 0.09 -2.86	48.44 0.25 -1.07
HUDSON AVE_GT_3 23810	51.54 1.61 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.03 0.72 0.00	38.51 0.83 0.00	38.35 1.19 0.00	38.04 1.63 0.00	40.61 1.99 0.00	42.77 2.11 0.00	42.20 2.12 0.00	45.89 2.56 0.00	43.20 2.81 0.00	47.72 3.51 0.00	45.08 3.31 0.00	33.66 2.40 0.00	34.77 2.28 0.00	36.71 2.24 0.00	34.00 1.96 0.00	36.49 1.97 0.00	40.56 1.74 0.00	36.72 1.34 0.00	44.83 1.57 0.00	48.11 2.00 0.00	48.57 1.46 0.00
HUDSON AVE_GT_4 23540	51.54 1.61 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.03 0.72 0.00	38.51 0.83 0.00	38.35 1.19 0.00	38.04 1.63 0.00	40.61 1.99 0.00	42.77 2.11 0.00	42.20 2.12 0.00	45.89 2.56 0.00	43.20 2.81 0.00	47.72 3.51 0.00	45.08 3.31 0.00	33.66 2.40 0.00	34.77 2.28 0.00	36.71 2.24 0.00	34.00 1.96 0.00	36.49 1.97 0.00	40.56 1.74 0.00	36.72 1.34 0.00	44.83 1.57 0.00	48.11 2.00 0.00	48.57 1.46 0.00
HUDSON AVE_GT_5 23657	51.54 1.61 0.00	44.27 1.01 0.00	39.27 0.79 0.00	38.03 0.72 0.00	38.51 0.83 0.00	38.35 1.19 0.00	38.04 1.63 0.00	40.61 1.99 0.00	42.77 2.11 0.00	42.20 2.12 0.00	45.89 2.56 0.00	43.20 2.81 0.00	47.72 3.51 0.00	45.08 3.31 0.00	33.66 2.40 0.00	34.77 2.28 0.00	36.71 2.24 0.00	34.00 1.96 0.00	36.49 1.97 0.00	40.56 1.74 0.00	36.72 1.34 0.00	44.83 1.57 0.00	48.11 2.00 0.00	48.57 1.46 0.00
HUDSON_AVE_10 24168	51.36 1.44 0.00	44.12 0.86 0.00	39.13 0.65 0.00	37.89 0.58 0.00	38.37 0.68 0.00	38.22 1.05 0.00	37.93 1.52 0.00	40.47 1.86 0.00	42.64 1.98 0.00	42.07 1.99 0.00	45.68 2.35 0.00	43.06 2.66 0.00	47.56 3.34 0.00	44.91 3.13 0.00	33.54 2.28 0.00	34.65 2.15 0.00	36.58 2.10 0.00	33.87 1.84 0.00	36.38 1.86 0.00	40.45 1.62 0.00	36.62 1.24 0.00	44.67 1.42 0.00	47.99 1.87 0.00	48.45 1.33 0.00
HUDSON___115KV_TB 4 355613	51.04 1.12 0.00	44.27 1.00 0.00	39.37 0.89 0.00	38.30 1.00 0.00	38.67 0.99 0.00	38.37 1.20 0.00	37.77 1.36 0.00	40.23 1.62 0.00	42.36 1.69 0.00	41.47 1.39 0.00	44.44 1.11 0.00	41.55 1.16 0.00	45.25 1.04 0.00	42.80 1.03 0.00	32.01 0.74 0.00	33.18 0.69 0.00	35.26 0.78 0.00	32.79 0.75 0.00	35.46 0.95 0.00	39.53 0.70 0.00	36.20 0.82 0.00	43.98 0.72 0.00	46.99 0.87 0.00	47.94 0.82 0.00
HUNTER MOUNT___DRP 323613	51.18 1.25 0.00	44.42 1.15 0.00	39.52 1.04 0.00	38.43 1.13 0.00	38.80 1.11 0.00	38.50 1.34 0.00	37.90 1.50 0.00	40.40 1.78 0.00	42.54 1.88 0.00	41.67 1.58 0.00	44.67 1.34 0.00	41.73 1.34 0.00	45.37 1.16 0.00	42.96 1.18 0.00	32.04 0.78 0.00	33.26 0.77 0.00	35.35 0.87 0.00	32.90 0.86 0.00	35.57 1.06 0.00	39.65 0.82 0.00	36.31 0.93 0.00	44.10 0.85 0.00	47.09 0.97 0.00	48.09 0.97 0.00
HUNTINGTON_RES_REC 323705	51.44 1.52 0.00	44.28 1.02 0.00	39.11 0.63 0.00	37.98 0.67 0.00	38.59 0.90 0.00	38.18 1.01 0.00	38.08 1.67 0.00	40.77 2.16 0.00	43.06 2.40 0.00	42.34 2.26 0.00	46.26 2.93 0.00	43.36 2.97 0.00	48.12 3.90 0.00	45.44 3.67 0.00	33.71 2.44 0.00	34.64 2.15 0.00	36.77 2.29 0.00	34.50 1.96 -0.51	36.55 2.03 0.00	40.62 1.80 0.00	36.60 1.22 0.00	45.02 1.76 0.00	48.45 2.34 0.00	48.75 1.63 0.00
HUNTLEY___63 23557	50.64 0.71 0.00	44.39 1.12 0.00	39.26 0.78 0.00	38.25 0.95 0.00	38.39 0.71 0.00	37.67 0.51 0.00	36.95 0.54 0.00	38.66 0.04 0.00	40.78 0.11 0.00	41.11 1.03 0.00	45.15 1.82 0.00	41.87 1.48 0.00	46.46 2.24 0.00	45.84 2.03 -2.03	64.44 1.14 -32.04	52.44 1.79 -18.15	42.58 1.65 -6.45	45.13 1.14 -11.95	43.04 1.41 -7.12	41.53 0.98 -1.72	35.79 0.40 0.00	44.60 1.34 0.00	47.46 1.35 0.00	48.50 1.38 0.00
HUNTLEY___64 23558	50.64 0.71 0.00	44.39 1.12 0.00	39.26 0.78 0.00	38.25 0.95 0.00	38.39 0.71 0.00	37.67 0.51 0.00	36.95 0.54 0.00	38.66 0.04 0.00	40.78 0.11 0.00	41.11 1.03 0.00	45.15 1.82 0.00	41.87 1.48 0.00	46.46 2.24 0.00	45.84 2.03 -2.03	64.44 1.14 -32.04	52.44 1.79 -18.15	42.58 1.65 -6.45	45.13 1.14 -11.95	43.04 1.41 -7.12	41.53 0.98 -1.72	35.79 0.40 0.00	44.60 1.34 0.00	47.46 1.35 0.00	48.50 1.38 0.00
HUNTLEY___65 23559	50.64 0.71 0.00	44.39 1.12 0.00	39.26 0.78 0.00	38.25 0.95 0.00	38.39 0.71 0.00	37.67 0.51 0.00	36.95 0.54 0.00	38.66 0.04 0.00	40.78 0.11 0.00	41.11 1.03 0.00	45.15 1.82 0.00	41.87 1.48 0.00	46.46 2.24 0.00	45.84 2.03 -2.03	64.44 1.14 -32.04	52.44 1.79 -18.15	42.58 1.65 -6.45	45.13 1.14 -11.95	43.04 1.41 -7.12	41.53 0.98 -1.72	35.79 0.40 0.00	44.60 1.34 0.00	47.46 1.35 0.00	48.50 1.38 0.00
HUNTLEY___66 23560	50.64 0.71 0.00	44.39 1.12 0.00	39.26 0.78 0.00	38.25 0.95 0.00	38.39 0.71 0.00	37.67 0.51 0.00	36.95 0.54 0.00	38.66 0.04 0.00	40.78 0.11 0.00	41.11 1.03 0.00	45.15 1.82 0.00	41.87 1.48 0.00	46.46 2.24 0.00	45.84 2.03 -2.03	64.44 1.14 -32.04	52.44 1.79 -18.15	42.58 1.65 -6.45	45.13 1.14 -11.95	43.04 1.41 -7.12	41.53 0.98 -1.72	35.79 0.40 0.00	44.60 1.34 0.00	47.46 1.35 0.00	48.50 1.38 0.00
HUNTLEY___67 23561	50.37 0.45 0.00	44.13 0.87 0.00	39.07 0.59 0.00	37.97 0.66 0.00	38.12 0.44 0.00	37.40 0.24 0.00	36.68 0.26 0.00	38.40 -0.22 0.00	40.49 -0.17 0.00	40.84 0.75 0.00	44.87 1.54 0.00	41.60 1.21 0.00	46.13 1.91 0.00	45.26 1.82 -1.67	58.72 1.07 -26.39	49.18 1.75 -14.95	41.40 1.61 -5.31	42.99 1.11 -9.84	41.73 1.35 -5.86	41.20 0.95 -1.42	35.80 0.42 0.00	44.50 1.24 0.00	47.24 1.12 0.00	48.18 1.06 0.00

HUNTLEY___68 23562	50.37 0.45 0.00	44.13 0.87 0.00	39.07 0.59 0.00	37.97 0.66 0.00	38.12 0.44 0.00	37.40 0.24 0.00	36.68 0.26 0.00	38.40 -0.22 0.00	40.49 -0.17 0.00	40.84 0.75 0.00	44.87 1.54 0.00	41.60 1.21 0.00	46.13 1.91 0.00	45.26 1.82 -1.67	58.72 1.07 -26.39	49.18 1.75 -14.95	41.40 1.61 -5.31	42.99 1.11 -9.84	41.73 1.35 -5.86	41.20 0.95 -1.42	35.80 0.42 0.00	44.50 1.24 0.00	47.24 1.12 0.00	48.18 1.06 0.00
HYLAND___LFGE 323620	53.59 3.66 0.00	46.51 3.24 0.00	41.09 2.61 0.00	39.69 2.39 0.00	39.96 2.28 0.00	39.38 2.21 0.00	38.87 2.46 0.00	40.97 2.35 0.00	43.28 2.61 0.00	43.10 3.02 0.00	46.96 3.63 0.00	41.81 1.42 0.00	46.24 2.03 0.00	47.75 3.24 -2.73	76.22 1.81 -43.15	59.08 2.15 -24.45	45.43 2.28 -8.69	50.58 2.44 -16.10	47.86 3.76 -9.59	44.86 3.71 -2.32	38.47 3.09 0.00	47.07 3.81 0.00	48.98 2.87 0.00	49.66 2.54 0.00
INDECK___CORINTH 23802	51.50 1.58 0.00	44.59 1.33 0.00	39.67 1.19 0.00	38.60 1.30 0.00	39.00 1.31 0.00	38.71 1.54 0.00	38.10 1.69 0.00	40.55 1.94 0.00	42.75 2.09 0.00	41.70 1.62 0.00	44.38 1.05 0.00	41.46 1.07 0.00	45.25 1.04 0.00	42.63 0.86 0.00	31.75 0.49 0.00	32.99 0.50 0.00	35.20 0.72 0.00	32.96 0.93 0.00	35.80 1.29 0.00	40.05 1.22 0.00	36.74 1.35 0.00	44.62 1.37 0.00	47.53 1.41 0.00	48.54 1.42 0.00
INDECK___ILION 23567	50.17 0.25 0.00	43.38 0.12 0.00	38.60 0.12 0.00	37.45 0.14 0.00	37.89 0.21 0.00	37.45 0.29 0.00	36.79 0.38 0.00	39.10 0.48 0.00	41.23 0.56 0.00	40.44 0.36 0.00	43.65 0.32 0.00	40.71 0.31 0.00	44.61 0.40 0.00	42.15 0.38 0.00	31.22 -0.04 0.00	32.41 -0.08 0.00	34.42 -0.05 0.00	32.20 0.16 0.00	34.73 0.21 0.00	38.91 0.08 0.00	35.62 0.24 0.00	43.41 0.15 0.00	46.38 0.27 0.00	47.25 0.13 0.00
INDECK___OLEAN 23982	30.19 1.16 20.90	13.37 0.80 30.70	18.70 0.64 20.42	14.18 0.45 23.57	27.60 0.61 10.69	31.61 0.69 6.25	28.82 1.12 8.70	36.69 0.95 2.88	37.63 0.87 3.92	38.33 1.61 3.36	45.93 2.61 0.00	42.35 1.96 0.00	47.40 3.18 0.00	45.73 2.64 -1.32	54.07 1.91 -20.89	47.31 2.99 -11.83	41.48 2.80 -4.21	42.29 2.46 -7.79	41.87 2.72 -4.64	42.37 2.42 -1.12	36.37 1.52 0.54	44.91 2.08 0.43	48.23 2.38 0.26	48.87 1.76 0.00
INDECK___OSWEGO 23783	48.90 -1.02 0.00	42.36 -0.90 0.00	37.64 -0.84 0.00	36.48 -0.83 0.00	36.86 -0.83 0.00	36.36 -0.81 0.00	35.76 -0.65 0.00	37.85 -0.77 0.00	39.89 -0.77 0.00	39.35 -0.73 0.00	42.50 -0.83 0.00	39.45 -0.94 0.00	42.90 -1.32 0.00	40.50 -1.28 0.00	30.36 -0.91 0.00	31.66 -0.83 0.00	33.68 -0.79 0.00	31.39 -0.65 0.00	33.84 -0.68 0.00	37.88 -0.94 0.00	34.53 -0.85 0.00	42.57 -0.69 0.00	45.28 -0.84 0.00	46.26 -0.86 0.00
INDECK___YERKES 23781	39.01 0.76 11.68	27.30 1.19 17.15	27.90 0.83 11.41	25.11 0.98 13.17	32.43 0.72 5.97	34.21 0.54 3.49	32.18 0.63 4.86	37.08 0.07 1.61	38.63 0.15 2.19	39.24 1.04 1.88	45.19 1.86 0.00	41.91 1.52 0.00	46.49 2.27 0.00	45.87 2.07 -2.03	64.44 1.14 -32.04	52.54 1.90 -18.15	42.60 1.68 -6.45	45.16 1.17 -11.95	43.23 1.60 -7.12	41.53 0.98 -1.72	35.47 0.39 0.30	44.37 1.35 0.24	47.38 1.40 0.15	48.53 1.42 0.00
INDIAN POINT_GT_1 24139	51.05 1.13 0.00	43.85 0.59 0.00	38.92 0.44 0.00	37.70 0.39 0.00	38.16 0.48 0.00	37.96 0.80 0.00	37.60 1.20 0.00	40.08 1.47 0.00	42.18 1.52 0.00	41.62 1.54 0.00	45.28 1.95 0.00	42.60 2.21 0.00	47.07 2.85 0.00	44.46 2.68 0.00	33.20 1.94 0.00	34.34 1.85 0.00	36.32 1.85 0.00	33.64 1.61 0.00	36.15 1.64 0.00	40.18 1.36 0.00	36.41 1.03 0.00	44.35 1.09 0.00	47.62 1.50 0.00	48.16 1.04 0.00
INDIAN POINT_GT_2 23659	51.05 1.13 0.00	43.85 0.59 0.00	38.92 0.44 0.00	37.70 0.39 0.00	38.16 0.48 0.00	37.96 0.80 0.00	37.60 1.20 0.00	40.08 1.47 0.00	42.18 1.52 0.00	41.62 1.54 0.00	45.28 1.95 0.00	42.60 2.21 0.00	47.07 2.85 0.00	44.46 2.68 0.00	33.20 1.94 0.00	34.34 1.85 0.00	36.32 1.85 0.00	33.64 1.61 0.00	36.15 1.64 0.00	40.18 1.36 0.00	36.41 1.03 0.00	44.35 1.09 0.00	47.62 1.50 0.00	48.16 1.04 0.00
INDIAN POINT_GT_3 24019	51.05 1.13 0.00	43.85 0.59 0.00	38.92 0.44 0.00	37.70 0.39 0.00	38.16 0.48 0.00	37.96 0.80 0.00	37.60 1.20 0.00	40.08 1.47 0.00	42.18 1.52 0.00	41.62 1.54 0.00	45.28 1.95 0.00	42.60 2.21 0.00	47.07 2.85 0.00	44.46 2.68 0.00	33.20 1.94 0.00	34.34 1.85 0.00	36.32 1.85 0.00	33.64 1.61 0.00	36.15 1.64 0.00	40.18 1.36 0.00	36.41 1.03 0.00	44.35 1.09 0.00	47.62 1.50 0.00	48.16 1.04 0.00
INDIAN POINT___2 23530	50.98 1.05 0.00	43.76 0.50 0.00	38.83 0.35 0.00	37.61 0.31 0.00	38.08 0.39 0.00	37.88 0.71 0.00	37.49 1.08 0.00	39.97 1.36 0.00	42.05 1.39 0.00	41.51 1.43 0.00	45.15 1.82 0.00	42.49 2.10 0.00	46.98 2.76 0.00	44.37 2.59 0.00	33.13 1.86 0.00	34.28 1.78 0.00	36.25 1.78 0.00	33.58 1.54 0.00	36.08 1.57 0.00	40.13 1.30 0.00	36.34 0.96 0.00	44.25 0.99 0.00	47.57 1.45 0.00	48.13 1.01 0.00
INDIAN POINT___3 23531	51.09 1.17 0.00	43.89 0.63 0.00	38.95 0.47 0.00	37.73 0.43 0.00	38.19 0.50 0.00	38.00 0.83 0.00	37.64 1.23 0.00	40.13 1.51 0.00	42.24 1.57 0.00	41.67 1.59 0.00	45.32 1.99 0.00	42.64 2.25 0.00	47.10 2.88 0.00	44.48 2.71 0.00	33.21 1.95 0.00	34.35 1.86 0.00	36.32 1.85 0.00	33.65 1.61 0.00	36.15 1.64 0.00	40.18 1.36 0.00	36.41 1.03 0.00	44.37 1.11 0.00	47.57 1.46 0.00	48.11 0.99 0.00
INDIANHD_69_KV_BK1 55831	51.62 1.70 0.00	44.41 1.15 0.00	39.22 0.74 0.00	38.10 0.80 0.00	38.70 1.02 0.00	38.28 1.11 0.00	38.21 1.80 0.00	40.92 2.30 0.00	43.23 2.56 0.00	42.50 2.42 0.00	46.40 3.07 0.00	43.49 3.10 0.00	48.27 4.06 0.00	45.62 3.84 0.00	33.87 2.61 0.00	34.84 2.35 0.00	36.97 2.49 0.00	34.67 2.13 -0.51	36.75 2.24 0.00	40.84 2.01 0.00	36.79 1.41 0.00	45.22 1.96 0.00	48.64 2.52 0.00	48.90 1.78 0.00
INGHAM_C_115KV_TB7 356103	50.39 0.47 0.00	43.49 0.22 0.00	38.72 0.25 0.00	37.60 0.30 0.00	38.12 0.43 0.00	37.72 0.56 0.00	37.13 0.72 0.00	39.53 0.91 0.00	41.73 1.06 0.00	40.71 0.63 0.00	43.79 0.46 0.00	40.84 0.45 0.00	44.81 0.59 0.00	42.37 0.60 0.00	30.92 -0.34 0.00	32.05 -0.44 0.00	34.06 -0.41 0.00	32.17 0.13 0.00	34.79 0.27 0.00	38.90 0.07 0.00	35.81 0.43 0.00	43.52 0.26 0.00	46.63 0.51 0.00	47.40 0.28 0.00
IP CORINTH___1 23988	51.80 1.88 0.00	44.83 1.56 0.00	39.87 1.40 0.00	38.79 1.49 0.00	39.20 1.51 0.00	38.91 1.75 0.00	38.32 1.91 0.00	40.78 2.17 0.00	42.97 2.31 0.00	41.92 1.84 0.00	44.65 1.32 0.00	41.70 1.31 0.00	45.52 1.30 0.00	42.89 1.11 0.00	31.94 0.68 0.00	33.19 0.70 0.00	35.41 0.93 0.00	33.16 1.13 0.00	36.01 1.50 0.00	40.28 1.46 0.00	36.95 1.57 0.00	44.88 1.62 0.00	47.81 1.69 0.00	48.82 1.70 0.00

IP__TICONDEROGA 23804	54.91 4.99 0.00	47.14 3.88 0.00	41.95 3.48 0.00	40.98 3.68 0.00	41.46 3.77 0.00	41.24 4.07 0.00	40.69 4.28 0.00	43.38 4.77 0.00	45.42 4.76 0.00	43.80 3.72 0.00	46.56 3.23 0.00	43.54 3.15 0.00	47.05 2.84 0.00	44.67 2.90 0.00	33.24 1.98 0.00	34.96 2.46 0.00	37.60 3.13 0.00	35.50 3.46 0.00	38.38 3.87 0.00	42.97 4.14 0.00	39.18 3.80 0.00	47.42 4.16 0.00	50.61 4.49 0.00	51.67 4.55 0.00
ISLIP_RES_REC 323679	52.06 2.14 0.00	44.76 1.50 0.00	39.51 1.03 0.00	38.41 1.11 0.00	39.03 1.34 0.00	38.56 1.40 0.00	38.49 2.08 0.00	41.26 2.64 0.00	43.62 2.96 0.00	42.87 2.79 0.00	46.70 3.37 0.00	43.78 3.39 0.00	48.66 4.44 0.00	46.00 4.23 0.00	34.25 2.98 0.00	35.25 2.75 0.00	37.45 2.98 0.00	35.11 2.56 -0.51	37.23 2.72 0.00	41.41 2.58 0.00	37.29 1.91 0.00	45.71 2.45 0.00	49.06 2.95 0.00	49.32 2.20 0.00
JAMAICA__27_KV_LOAD 355505	51.78 1.86 0.00	44.49 1.22 0.00	39.42 0.94 0.00	38.15 0.85 0.00	38.57 0.89 0.00	38.49 1.32 0.00	38.25 1.84 0.00	40.79 2.17 0.00	43.00 2.33 0.00	42.40 2.32 0.00	45.81 2.48 0.00	43.36 2.97 0.00	47.90 3.69 0.00	45.12 3.35 0.00	33.75 2.49 0.00	34.90 2.41 0.00	36.84 2.36 0.00	34.12 2.08 0.00	36.69 2.18 0.00	40.86 2.03 0.00	37.00 1.62 0.00	45.14 1.88 0.00	48.66 2.54 0.00	49.05 1.93 0.00
JANIS__SOLAR 323808	56.18 2.32 -3.95	50.90 1.84 -5.80	43.84 1.50 -3.86	43.12 1.36 -4.45	41.18 1.48 -2.02	39.96 1.61 -1.18	39.86 1.80 -1.65	40.90 1.74 -0.54	43.19 1.79 -0.74	42.65 1.93 -0.63	45.75 2.42 0.00	42.44 2.05 0.00	45.09 0.87 0.00	42.59 0.81 0.00	31.82 0.56 0.00	33.80 1.31 0.00	36.06 1.59 0.00	33.92 1.89 0.00	36.56 2.04 0.00	40.61 1.78 0.00	37.12 1.64 -0.10	45.18 1.84 -0.08	47.73 1.56 -0.05	48.45 1.33 0.00
JARVIS____ 23743	49.93 0.01 0.00	43.25 -0.02 0.00	38.48 0.00 0.00	37.30 0.00 0.00	37.69 0.00 0.00	37.21 0.05 0.00	36.53 0.12 0.00	38.77 0.16 0.00	40.83 0.17 0.00	40.22 0.14 0.00	43.50 0.17 0.00	40.56 0.16 0.00	44.44 0.22 0.00	41.93 0.15 0.00	31.35 0.08 0.00	32.57 0.08 0.00	34.58 0.10 0.00	32.13 0.09 0.00	34.64 0.13 0.00	38.85 0.02 0.00	35.41 0.03 0.00	43.26 0.00 0.00	46.14 0.02 0.00	47.10 -0.02 0.00
JENNISON__1 23625	52.15 2.22 0.00	44.99 1.72 0.00	39.91 1.43 0.00	38.61 1.30 0.00	39.13 1.45 0.00	38.79 1.62 0.00	38.21 1.80 0.00	40.09 1.47 0.00	42.09 1.43 0.00	41.53 1.45 0.00	45.15 1.82 0.00	42.40 2.00 0.00	45.72 1.50 0.00	43.08 1.31 0.00	32.17 0.91 0.00	34.02 1.53 0.00	36.14 1.67 0.00	33.72 1.68 0.00	36.16 1.65 0.00	40.05 1.22 0.00	36.35 0.97 0.00	44.39 1.13 0.00	47.51 1.40 0.00	48.09 0.97 0.00
JENNISON__2 23626	52.15 2.22 0.00	44.99 1.72 0.00	39.91 1.43 0.00	38.61 1.30 0.00	39.13 1.45 0.00	38.79 1.62 0.00	38.21 1.80 0.00	40.09 1.47 0.00	42.09 1.43 0.00	41.53 1.45 0.00	45.15 1.82 0.00	42.40 2.00 0.00	45.72 1.50 0.00	43.08 1.31 0.00	32.17 0.91 0.00	34.02 1.53 0.00	36.14 1.67 0.00	33.72 1.68 0.00	36.16 1.65 0.00	40.05 1.22 0.00	36.35 0.97 0.00	44.39 1.13 0.00	47.51 1.40 0.00	48.09 0.97 0.00
JERICHO_RISE_WT_PWR 323719	50.09 0.17 0.00	43.54 0.28 0.00	38.71 0.23 0.00	37.49 0.19 0.00	37.86 0.17 0.00	37.27 0.10 0.00	36.43 0.02 0.00	38.60 -0.02 0.00	40.59 -0.08 0.00	39.96 -0.12 0.00	43.03 -0.30 0.00	40.14 -0.26 0.00	43.79 -0.42 0.00	41.39 -0.39 0.00	31.03 -0.23 0.00	32.07 -0.43 0.00	34.06 -0.42 0.00	31.65 -0.38 0.00	34.04 -0.48 0.00	38.57 -0.26 0.00	35.11 -0.27 0.00	42.68 -0.58 0.00	45.55 -0.57 0.00	47.13 0.01 0.00
KATONAH__115KV_46KV_TB4 355592	51.34 1.41 0.00	44.12 0.86 0.00	39.17 0.69 0.00	37.94 0.63 0.00	38.40 0.72 0.00	38.20 1.03 0.00	37.85 1.44 0.00	40.35 1.73 0.00	42.52 1.86 0.00	41.92 1.84 0.00	45.57 2.25 0.00	42.86 2.46 0.00	47.31 3.10 0.00	44.70 2.92 0.00	33.40 2.13 0.00	34.53 2.04 0.00	36.49 2.02 0.00	33.85 1.81 0.00	36.38 1.87 0.00	40.44 1.61 0.00	36.66 1.27 0.00	44.67 1.41 0.00	47.87 1.75 0.00	48.41 1.29 0.00
KCE_NY_1 323755	51.79 1.86 0.00	44.87 1.61 0.00	39.89 1.42 0.00	38.82 1.52 0.00	39.17 1.49 0.00	38.90 1.73 0.00	38.26 1.85 0.00	40.72 2.10 0.00	42.89 2.23 0.00	41.99 1.91 0.00	45.00 1.68 0.00	42.03 1.64 0.00	46.05 1.83 0.00	43.52 1.75 0.00	32.40 1.14 0.00	33.68 1.19 0.00	35.78 1.31 0.00	33.39 1.35 0.00	36.05 1.53 0.00	40.28 1.45 0.00	36.89 1.51 0.00	44.88 1.62 0.00	47.94 1.82 0.00	48.86 1.74 0.00
KCE_NY_6_ESR 323823	38.37 1.05 12.61	26.09 1.35 18.52	27.17 1.01 12.32	24.07 0.99 14.22	32.00 0.77 6.45	33.94 0.55 3.77	31.82 0.66 5.25	37.01 0.13 1.74	38.50 0.19 2.36	39.21 1.16 2.03	45.35 2.02 0.00	42.03 1.63 0.00	46.62 2.40 0.00	45.89 2.38 -1.74	60.35 1.50 -27.58	50.48 2.37 -15.63	42.25 2.22 -5.55	44.04 1.71 -10.29	42.79 2.14 -6.13	41.86 1.55 -1.48	36.00 0.95 0.32	44.92 1.92 0.26	47.76 1.80 0.16	48.74 1.63 0.00
KEDC_PORT_JEFF_GT2 24210	51.65 1.73 0.00	44.43 1.16 0.00	39.23 0.75 0.00	38.13 0.82 0.00	38.74 1.05 0.00	38.29 1.12 0.00	38.19 1.78 0.00	40.92 2.30 0.00	43.25 2.58 0.00	42.49 2.41 0.00	46.31 2.99 0.00	43.43 3.03 0.00	48.19 3.97 0.00	45.57 3.79 0.00	33.94 2.68 0.00	34.89 2.40 0.00	37.03 2.56 0.00	34.68 2.13 -0.51	36.75 2.24 0.00	40.90 2.07 0.00	36.90 1.52 0.00	45.27 2.01 0.00	48.62 2.51 0.00	48.90 1.78 0.00
KEDC_PORT_JEFF_GT3 24211	51.65 1.73 0.00	44.43 1.16 0.00	39.23 0.75 0.00	38.13 0.82 0.00	38.74 1.05 0.00	38.29 1.12 0.00	38.19 1.78 0.00	40.92 2.30 0.00	43.25 2.58 0.00	42.49 2.41 0.00	46.31 2.99 0.00	43.43 3.03 0.00	48.19 3.97 0.00	45.57 3.79 0.00	33.94 2.68 0.00	34.89 2.40 0.00	37.03 2.56 0.00	34.68 2.13 -0.51	36.75 2.24 0.00	40.90 2.07 0.00	36.90 1.52 0.00	45.27 2.01 0.00	48.62 2.51 0.00	48.90 1.78 0.00
KEDC_GLWD_GT4 24219	51.68 1.76 0.00	44.40 1.14 0.00	39.35 0.87 0.00	38.12 0.82 0.00	38.64 0.96 0.00	38.41 1.24 0.00	38.12 1.71 0.00	40.74 2.12 0.00	42.93 2.27 0.00	42.28 2.20 0.00	46.18 2.85 0.00	43.40 3.01 0.00	48.03 3.81 0.00	45.35 3.57 0.00	33.83 2.56 0.00	34.95 2.46 0.00	36.94 2.47 0.00	34.61 2.06 -0.51	36.60 2.09 0.00	40.62 1.79 0.00	36.67 1.29 0.00	44.82 1.56 0.00	48.03 1.92 0.00	48.75 1.63 0.00
KEDC_GLWD_GT5 24220	51.68 1.76 0.00	44.40 1.14 0.00	39.35 0.87 0.00	38.12 0.82 0.00	38.64 0.96 0.00	38.41 1.24 0.00	38.12 1.71 0.00	40.74 2.12 0.00	42.93 2.27 0.00	42.28 2.20 0.00	46.18 2.85 0.00	43.40 3.01 0.00	48.03 3.81 0.00	45.35 3.57 0.00	33.83 2.56 0.00	34.95 2.46 0.00	36.94 2.47 0.00	34.61 2.06 -0.51	36.60 2.09 0.00	40.62 1.79 0.00	36.67 1.29 0.00	44.82 1.56 0.00	48.03 1.92 0.00	48.75 1.63 0.00

KENSICO____ 23655	51.29 1.36 0.00	44.07 0.81 0.00	39.10 0.63 0.00	37.88 0.58 0.00	38.35 0.67 0.00	38.16 0.99 0.00	37.82 1.41 0.00	40.34 1.72 0.00	42.49 1.82 0.00	41.90 1.82 0.00	45.57 2.24 0.00	42.87 2.48 0.00	47.34 3.12 0.00	44.72 2.95 0.00	33.40 2.13 0.00	34.52 2.03 0.00	36.49 2.02 0.00	33.82 1.78 0.00	36.31 1.80 0.00	40.36 1.54 0.00	36.56 1.18 0.00	44.58 1.32 0.00	47.78 1.66 0.00	48.30 1.18 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	51.46 1.54 0.00	44.20 0.94 0.00	39.23 0.75 0.00	37.98 0.68 0.00	38.44 0.76 0.00	38.21 1.04 0.00	37.83 1.42 0.00	40.33 1.71 0.00	42.47 1.81 0.00	41.93 1.85 0.00	45.62 2.30 0.00	42.88 2.49 0.00	47.45 3.23 0.00	44.87 3.09 0.00	33.42 2.16 0.00	34.59 2.10 0.00	36.65 2.17 0.00	34.04 2.01 0.00	36.61 2.09 0.00	40.74 1.91 0.00	36.91 1.53 0.00	44.93 1.67 0.00	48.06 1.94 0.00	48.59 1.47 0.00
KIAC_JFK_GT1 23816	51.44 1.52 0.00	44.19 0.93 0.00	39.18 0.70 0.00	37.92 0.61 0.00	38.33 0.65 0.00	38.25 1.08 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.73 2.07 0.00	42.12 2.04 0.00	45.51 2.18 0.00	43.08 2.68 0.00	47.55 3.33 0.00	44.69 2.91 0.00	33.43 2.17 0.00	34.56 2.07 0.00	36.47 2.00 0.00	33.79 1.75 0.00	36.33 1.82 0.00	40.44 1.62 0.00	36.62 1.24 0.00	44.68 1.43 0.00	48.31 2.19 0.00	48.72 1.60 0.00
KIAC_JFK_GT2 23817	51.44 1.52 0.00	44.19 0.93 0.00	39.18 0.70 0.00	37.92 0.61 0.00	38.33 0.65 0.00	38.25 1.08 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.73 2.07 0.00	42.12 2.04 0.00	45.51 2.18 0.00	43.08 2.68 0.00	47.55 3.33 0.00	44.69 2.91 0.00	33.43 2.17 0.00	34.56 2.07 0.00	36.47 2.00 0.00	33.79 1.75 0.00	36.33 1.82 0.00	40.44 1.62 0.00	36.62 1.24 0.00	44.68 1.43 0.00	48.31 2.19 0.00	48.72 1.60 0.00
KIAC_JFK____ 323774	51.44 1.52 0.00	44.18 0.92 0.00	39.17 0.70 0.00	37.91 0.61 0.00	38.34 0.65 0.00	38.25 1.08 0.00	37.99 1.58 0.00	40.53 1.91 0.00	42.73 2.07 0.00	42.12 2.04 0.00	45.50 2.17 0.00	43.08 2.68 0.00	47.55 3.34 0.00	44.69 2.91 0.00	33.43 2.17 0.00	34.54 2.05 0.00	36.46 1.99 0.00	33.79 1.75 0.00	36.31 1.80 0.00	40.45 1.62 0.00	36.62 1.25 0.00	44.68 1.43 0.00	48.31 2.19 0.00	48.72 1.60 0.00
KINTIGH_24_KV_GSU 356498	40.43 0.21 9.70	29.64 0.63 14.26	29.40 0.41 9.48	26.84 0.48 10.95	33.00 0.28 4.97	34.40 0.14 2.90	32.62 0.26 4.04	37.11 -0.17 1.34	38.73 -0.12 1.82	39.14 0.62 1.56	44.60 1.27 0.00	41.38 0.99 0.00	45.77 1.56 0.00	44.65 1.48 -1.40	54.21 0.83 -22.12	46.49 1.46 -12.53	40.24 1.31 -4.45	41.21 0.91 -8.26	40.65 1.22 -4.92	40.77 0.76 -1.19	35.34 0.21 0.25	43.92 0.86 0.20	46.75 0.76 0.12	47.82 0.70 0.00
KINTIGH____ 23543	50.11 0.18 0.00	43.84 0.58 0.00	38.85 0.37 0.00	37.75 0.44 0.00	37.94 0.26 0.00	37.29 0.12 0.00	36.59 0.18 0.00	38.42 -0.19 0.00	40.51 -0.16 0.00	40.69 0.61 0.00	44.57 1.24 0.00	41.35 0.96 0.00	45.74 1.52 0.00	44.62 1.45 -1.40	54.19 0.81 -22.12	46.38 1.35 -12.53	40.19 1.26 -4.45	41.15 0.85 -8.26	40.46 1.03 -4.92	40.73 0.71 -1.19	35.57 0.19 0.00	44.09 0.83 0.00	46.84 0.72 0.00	47.80 0.68 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	51.27 1.35 0.00	44.48 1.22 0.00	39.60 1.12 0.00	38.42 1.12 0.00	38.86 1.17 0.00	38.27 1.10 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.50 0.83 0.00	40.52 0.44 0.00	43.71 0.38 0.00	40.83 0.43 0.00	44.45 0.23 0.00	42.01 0.23 0.00	31.49 0.22 0.00	32.50 0.01 0.00	34.58 0.11 0.00	32.15 0.11 0.00	34.56 0.05 0.00	39.11 0.29 0.00	35.70 0.32 0.00	43.39 0.13 0.00	46.36 0.24 0.00	48.07 0.95 0.00
LACHUTE____HYDRO 323717	54.91 4.99 0.00	47.14 3.88 0.00	41.95 3.47 0.00	40.99 3.68 0.00	41.46 3.77 0.00	41.24 4.07 0.00	40.69 4.28 0.00	43.39 4.77 0.00	45.42 4.76 0.00	43.79 3.71 0.00	46.57 3.24 0.00	43.54 3.14 0.00	47.05 2.84 0.00	44.67 2.90 0.00	33.24 1.98 0.00	34.96 2.46 0.00	37.60 3.13 0.00	35.50 3.46 0.00	38.39 3.88 0.00	42.96 4.14 0.00	39.18 3.80 0.00	47.42 4.16 0.00	50.61 4.50 0.00	51.68 4.56 0.00
LAWRNCV_115KV_TB1 80681	50.56 0.63 0.00	43.99 0.73 0.00	39.18 0.70 0.00	37.99 0.69 0.00	38.34 0.65 0.00	37.71 0.54 0.00	36.87 0.46 0.00	38.98 0.36 0.00	41.06 0.39 0.00	40.38 0.30 0.00	43.35 0.01 0.00	40.30 -0.09 0.00	43.65 -0.56 0.00	41.39 -0.38 0.00	30.86 -0.40 0.00	31.66 -0.83 0.00	33.72 -0.75 0.00	31.38 -0.66 0.00	33.81 -0.70 0.00	38.61 -0.22 0.00	35.27 -0.11 0.00	43.06 -0.19 0.00	46.02 -0.10 0.00	47.60 0.48 0.00
LEDERLE____ 23769	51.39 1.47 0.00	44.11 0.84 0.00	39.13 0.65 0.00	37.89 0.59 0.00	38.36 0.68 0.00	38.18 1.01 0.00	37.81 1.40 0.00	40.32 1.71 0.00	42.42 1.76 0.00	41.89 1.81 0.00	45.59 2.26 0.00	42.92 2.52 0.00	47.44 3.22 0.00	44.80 3.03 0.00	33.43 2.17 0.00	34.61 2.12 0.00	36.62 2.14 0.00	33.91 1.87 0.00	36.45 1.93 0.00	40.50 1.67 0.00	36.67 1.29 0.00	44.64 1.38 0.00	47.87 1.75 0.00	48.39 1.27 0.00
LIGHTHSE_115KV_TB6 355974	50.05 0.13 0.00	43.24 -0.03 0.00	38.36 -0.12 0.00	37.18 -0.12 0.00	37.57 -0.11 0.00	37.09 -0.08 0.00	36.54 0.13 0.00	38.69 0.07 0.00	40.85 0.18 0.00	40.35 0.27 0.00	43.41 0.08 0.00	40.27 -0.12 0.00	43.42 -0.80 0.00	40.98 -0.80 0.00	30.83 -0.44 0.00	31.99 -0.50 0.00	34.32 -0.16 0.00	32.11 0.07 0.00	34.61 0.09 0.00	38.78 -0.04 0.00	35.11 -0.27 0.00	43.26 0.00 0.00	45.87 -0.25 0.00	47.10 -0.01 0.00
LINDEN COGEN____ 23786	51.20 1.28 0.00	43.98 0.71 0.00	39.01 0.54 0.00	37.78 0.48 0.00	38.30 0.62 0.00	38.15 0.99 0.00	37.81 1.39 0.00	40.31 1.69 0.00	42.42 1.76 0.00	41.88 1.80 0.00	45.54 2.22 0.00	42.90 2.51 0.00	47.43 3.21 0.00	44.81 3.03 0.00	33.52 2.26 0.00	34.61 2.12 0.00	36.58 2.11 0.00	33.88 1.84 0.00	36.36 1.84 0.00	40.44 1.61 0.00	36.57 1.20 0.00	44.57 1.31 0.00	47.81 1.70 0.00	48.28 1.16 0.00
LINDHRST_69_KV_BK1 356055	52.12 2.19 0.00	44.79 1.53 0.00	39.57 1.09 0.00	38.38 1.08 0.00	38.97 1.28 0.00	38.62 1.46 0.00	38.49 2.08 0.00	41.15 2.54 0.00	43.42 2.75 0.00	42.73 2.65 0.00	46.64 3.31 0.00	43.79 3.40 0.00	48.51 4.29 0.00	45.80 4.02 0.00	34.09 2.83 0.00	35.18 2.69 0.00	37.35 2.88 0.00	35.12 2.57 -0.51	37.21 2.70 0.00	41.29 2.46 0.00	37.17 1.79 0.00	45.64 2.38 0.00	48.96 2.84 0.00	49.27 2.15 0.00
LIPA_MISC_IPP 23656	51.60 1.67 0.00	44.38 1.11 0.00	39.19 0.71 0.00	38.14 0.84 0.00	38.75 1.06 0.00	38.20 1.04 0.00	38.13 1.72 0.00	40.88 2.27 0.00	43.22 2.56 0.00	42.42 2.34 0.00	46.14 2.81 0.00	43.23 2.84 0.00	47.92 3.70 0.00	45.41 3.64 0.00	33.97 2.71 0.00	34.96 2.47 0.00	37.17 2.70 0.00	34.79 2.24 -0.51	36.94 2.42 0.00	41.09 2.26 0.00	36.99 1.61 0.00	45.27 2.01 0.00	48.56 2.45 0.00	48.87 1.75 0.00

LISF___SOLAR 323691	51.68 1.76 0.00	44.45 1.19 0.00	39.24 0.76 0.00	38.20 0.90 0.00	38.81 1.13 0.00	38.27 1.10 0.00	38.18 1.77 0.00	40.95 2.33 0.00	43.29 2.63 0.00	42.47 2.39 0.00	46.17 2.84 0.00	43.26 2.87 0.00	47.98 3.76 0.00	45.48 3.70 0.00	34.03 2.77 0.00	35.01 2.52 0.00	37.25 2.78 0.00	34.85 2.31 -0.51	37.02 2.51 0.00	41.20 2.37 0.00	37.09 1.71 0.00	45.38 2.12 0.00	48.69 2.58 0.00	48.98 1.86 0.00
LITTLE FALLS___HYD 24013	50.39 0.47 0.00	43.49 0.22 0.00	38.72 0.25 0.00	37.60 0.30 0.00	38.12 0.43 0.00	37.72 0.56 0.00	37.13 0.72 0.00	39.53 0.91 0.00	41.73 1.06 0.00	40.71 0.63 0.00	43.79 0.46 0.00	40.84 0.45 0.00	44.81 0.59 0.00	42.37 0.60 0.00	30.92 -0.34 0.00	32.05 -0.44 0.00	34.06 -0.41 0.00	32.17 0.13 0.00	34.79 0.27 0.00	38.90 0.07 0.00	35.81 0.43 0.00	43.52 0.26 0.00	46.63 0.51 0.00	47.40 0.28 0.00
LITTLRIV_115KV_TB1 356100	51.24 1.32 0.00	44.58 1.32 0.00	39.69 1.22 0.00	38.49 1.19 0.00	38.85 1.16 0.00	38.21 1.04 0.00	37.42 1.01 0.00	39.49 0.88 0.00	41.58 0.92 0.00	40.80 0.72 0.00	43.72 0.39 0.00	40.57 0.18 0.00	44.05 -0.16 0.00	42.04 0.26 0.00	31.29 0.03 0.00	31.93 -0.56 0.00	34.22 -0.26 0.00	31.90 -0.14 0.00	34.38 -0.14 0.00	39.44 0.61 0.00	36.04 0.65 0.00	43.79 0.53 0.00	46.74 0.63 0.00	48.27 1.15 0.00
LI_NEWBRDGE___DRP 323616	51.29 1.37 0.00	44.10 0.84 0.00	39.03 0.55 0.00	37.86 0.56 0.00	38.40 0.72 0.00	38.11 0.94 0.00	37.89 1.48 0.00	40.50 1.88 0.00	42.66 2.00 0.00	42.00 1.92 0.00	45.87 2.54 0.00	43.06 2.67 0.00	47.68 3.46 0.00	45.00 3.23 0.00	33.53 2.27 0.00	34.61 2.12 0.00	36.72 2.24 0.00	34.64 2.10 -0.51	36.67 2.16 0.00	40.61 1.78 0.00	36.54 1.16 0.00	44.77 1.52 0.00	48.04 1.92 0.00	48.43 1.31 0.00
LOCKPORT_115KV_TB60_63_64 80432	50.16 0.24 0.00	43.99 0.73 0.00	38.93 0.45 0.00	37.86 0.56 0.00	38.01 0.32 0.00	37.28 0.11 0.00	36.58 0.17 0.00	38.33 -0.29 0.00	40.42 -0.25 0.00	40.74 0.66 0.00	44.70 1.38 0.00	41.37 0.97 0.00	45.88 1.66 0.00	46.03 1.66 -2.60	73.19 0.88 -41.05	57.24 1.49 -23.26	44.11 1.37 -8.26	48.26 0.90 -15.32	44.81 1.17 -9.12	41.80 0.77 -2.21	35.57 0.19 0.00	44.24 0.98 0.00	47.03 0.91 0.00	48.06 0.94 0.00
LOCKPORT___CC1 323769	39.43 0.14 10.63	28.35 0.71 15.62	28.52 0.44 10.39	25.83 0.52 11.99	32.51 0.27 5.44	34.06 0.07 3.18	32.17 0.19 4.43	36.80 -0.36 1.46	38.36 -0.32 1.99	38.95 0.58 1.71	44.64 1.32 0.00	41.33 0.94 0.00	45.82 1.61 0.00	45.85 1.61 -2.46	71.04 0.84 -38.93	56.13 1.58 -22.06	43.69 1.38 -7.84	47.47 0.91 -14.53	44.49 1.33 -8.65	41.65 0.73 -2.09	35.26 0.15 0.27	43.98 0.94 0.22	46.87 0.89 0.13	48.00 0.88 0.00
LOCKPORT___CC2 323770	39.43 0.14 10.63	28.35 0.71 15.62	28.52 0.44 10.39	25.83 0.52 11.99	32.51 0.27 5.44	34.06 0.07 3.18	32.17 0.19 4.43	36.80 -0.36 1.46	38.36 -0.32 1.99	38.95 0.58 1.71	44.64 1.32 0.00	41.33 0.94 0.00	45.82 1.61 0.00	45.85 1.61 -2.46	71.04 0.84 -38.93	56.13 1.58 -22.06	43.69 1.38 -7.84	47.47 0.91 -14.53	44.49 1.33 -8.65	41.65 0.73 -2.09	35.26 0.15 0.27	43.98 0.94 0.22	46.87 0.89 0.13	48.00 0.88 0.00
LOCKPORT___CC3 323771	39.43 0.14 10.63	28.35 0.71 15.62	28.52 0.44 10.39	25.83 0.52 11.99	32.51 0.27 5.44	34.06 0.07 3.18	32.17 0.19 4.43	36.80 -0.36 1.46	38.36 -0.32 1.99	38.95 0.58 1.71	44.64 1.32 0.00	41.33 0.94 0.00	45.82 1.61 0.00	45.85 1.61 -2.46	71.04 0.84 -38.93	56.13 1.58 -22.06	43.69 1.38 -7.84	47.47 0.91 -14.53	44.49 1.33 -8.65	41.65 0.73 -2.09	35.26 0.15 0.27	43.98 0.94 0.22	46.87 0.89 0.13	48.00 0.88 0.00
LOCUSVLY_69_KV_BK2 55797	51.81 1.89 0.00	44.51 1.25 0.00	39.42 0.94 0.00	38.22 0.92 0.00	38.75 1.07 0.00	38.48 1.31 0.00	38.24 1.83 0.00	40.86 2.24 0.00	43.07 2.41 0.00	42.41 2.33 0.00	46.35 3.02 0.00	43.56 3.16 0.00	48.22 4.00 0.00	45.52 3.74 0.00	33.95 2.69 0.00	35.06 2.57 0.00	37.10 2.63 0.00	34.89 2.35 -0.51	36.90 2.38 0.00	40.90 2.07 0.00	36.88 1.50 0.00	45.15 1.89 0.00	48.34 2.22 0.00	48.87 1.75 0.00
LONG_LAKE_PHOENIX 24014	49.13 -0.79 0.00	42.57 -0.70 0.00	37.81 -0.67 0.00	36.65 -0.65 0.00	37.02 -0.67 0.00	36.51 -0.65 0.00	35.92 -0.49 0.00	38.05 -0.57 0.00	40.11 -0.56 0.00	39.59 -0.49 0.00	42.83 -0.50 0.00	39.77 -0.62 0.00	43.21 -1.01 0.00	40.81 -0.96 0.00	30.59 -0.67 0.00	31.94 -0.55 0.00	34.04 -0.44 0.00	31.70 -0.34 0.00	34.16 -0.35 0.00	38.25 -0.57 0.00	34.86 -0.52 0.00	42.88 -0.38 0.00	45.63 -0.49 0.00	46.54 -0.58 0.00
LOVETT___3 23632	51.04 1.12 0.00	43.83 0.57 0.00	38.90 0.42 0.00	37.67 0.37 0.00	38.14 0.45 0.00	37.94 0.78 0.00	37.58 1.17 0.00	40.07 1.45 0.00	42.16 1.50 0.00	41.60 1.52 0.00	45.25 1.92 0.00	42.58 2.19 0.00	47.07 2.85 0.00	44.45 2.67 0.00	33.17 1.91 0.00	34.30 1.81 0.00	36.28 1.80 0.00	33.60 1.56 0.00	36.11 1.59 0.00	40.13 1.30 0.00	36.35 0.97 0.00	44.28 1.02 0.00	47.50 1.38 0.00	48.03 0.91 0.00
LOVETT___4 23642	51.04 1.12 0.00	43.83 0.57 0.00	38.90 0.42 0.00	37.67 0.37 0.00	38.14 0.45 0.00	37.94 0.78 0.00	37.58 1.17 0.00	40.07 1.45 0.00	42.16 1.50 0.00	41.60 1.52 0.00	45.25 1.92 0.00	42.58 2.19 0.00	47.07 2.85 0.00	44.45 2.67 0.00	33.17 1.91 0.00	34.30 1.81 0.00	36.28 1.80 0.00	33.60 1.56 0.00	36.11 1.59 0.00	40.13 1.30 0.00	36.35 0.97 0.00	44.28 1.02 0.00	47.50 1.38 0.00	48.03 0.91 0.00
LOVETT___5 23593	51.04 1.12 0.00	43.83 0.57 0.00	38.90 0.42 0.00	37.67 0.37 0.00	38.14 0.45 0.00	37.94 0.78 0.00	37.58 1.17 0.00	40.07 1.45 0.00	42.16 1.50 0.00	41.60 1.52 0.00	45.25 1.92 0.00	42.58 2.19 0.00	47.07 2.85 0.00	44.45 2.67 0.00	33.17 1.91 0.00	34.30 1.81 0.00	36.28 1.80 0.00	33.60 1.56 0.00	36.11 1.59 0.00	40.13 1.30 0.00	36.35 0.97 0.00	44.28 1.02 0.00	47.50 1.38 0.00	48.03 0.91 0.00
LOWER RAQUET___HYD 24057	50.59 0.66 0.00	44.02 0.76 0.00	39.19 0.72 0.00	38.01 0.70 0.00	38.35 0.67 0.00	37.72 0.56 0.00	36.90 0.49 0.00	39.02 0.40 0.00	41.10 0.43 0.00	40.42 0.34 0.00	43.34 0.01 0.00	40.28 -0.12 0.00	43.57 -0.65 0.00	41.32 -0.46 0.00	30.76 -0.50 0.00	31.47 -1.02 0.00	33.56 -0.92 0.00	31.24 -0.80 0.00	33.64 -0.88 0.00	38.47 -0.35 0.00	35.17 -0.21 0.00	42.97 -0.29 0.00	45.95 -0.16 0.00	47.59 0.47 0.00
LOWER___HUDSON 24059	50.99 1.07 0.00	44.41 1.14 0.00	39.48 1.00 0.00	38.46 1.16 0.00	38.80 1.11 0.00	38.51 1.34 0.00	37.82 1.41 0.00	40.28 1.66 0.00	42.38 1.72 0.00	41.42 1.34 0.00	44.30 0.97 0.00	41.52 1.13 0.00	45.38 1.17 0.00	42.87 1.09 0.00	31.99 0.73 0.00	33.36 0.87 0.00	35.26 0.78 0.00	32.72 0.68 0.00	35.31 0.80 0.00	39.40 0.57 0.00	36.21 0.83 0.00	43.99 0.73 0.00	47.15 1.03 0.00	48.05 0.93 0.00

LOWVILLE_115KV_TB2 356335	51.74 1.81 0.00	44.58 1.32 0.00	39.54 1.06 0.00	38.27 0.97 0.00	38.65 0.97 0.00	38.20 1.03 0.00	37.72 1.31 0.00	39.88 1.26 0.00	42.19 1.52 0.00	41.71 1.63 0.00	44.49 1.16 0.00	41.17 0.77 0.00	44.25 0.03 0.00	41.41 -0.37 0.00	31.33 0.07 0.00	32.21 -0.28 0.00	34.95 0.48 0.00	32.76 0.73 0.00	35.27 0.75 0.00	39.81 0.98 0.00	35.62 0.24 0.00	43.65 0.39 0.00	45.99 -0.13 0.00	47.77 0.66 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	51.77 1.84 0.00	44.87 1.61 0.00	39.90 1.42 0.00	38.81 1.50 0.00	39.19 1.50 0.00	38.87 1.70 0.00	38.24 1.83 0.00	40.68 2.07 0.00	42.84 2.18 0.00	41.93 1.85 0.00	44.97 1.63 0.00	42.02 1.62 0.00	45.98 1.77 0.00	43.44 1.67 0.00	32.36 1.10 0.00	33.64 1.15 0.00	35.75 1.27 0.00	33.34 1.30 0.00	36.01 1.50 0.00	40.25 1.42 0.00	36.87 1.49 0.00	44.84 1.58 0.00	47.89 1.77 0.00	48.81 1.69 0.00
LUTHERNY_35_KV_BK2 355980	51.80 1.88 0.00	44.87 1.61 0.00	39.89 1.42 0.00	38.81 1.51 0.00	39.17 1.49 0.00	38.90 1.73 0.00	38.26 1.85 0.00	40.72 2.10 0.00	42.89 2.23 0.00	41.99 1.91 0.00	45.00 1.67 0.00	42.03 1.64 0.00	46.04 1.82 0.00	43.52 1.75 0.00	32.40 1.14 0.00	33.68 1.19 0.00	35.78 1.31 0.00	33.39 1.36 0.00	36.04 1.53 0.00	40.28 1.45 0.00	36.89 1.51 0.00	44.88 1.62 0.00	47.94 1.82 0.00	48.86 1.74 0.00
LWR__OSWEGATCHIE_HYD 23850	51.00 1.08 0.00	44.20 0.94 0.00	39.28 0.81 0.00	38.08 0.77 0.00	38.44 0.76 0.00	37.87 0.70 0.00	37.19 0.78 0.00	39.33 0.71 0.00	41.49 0.82 0.00	40.87 0.79 0.00	43.73 0.40 0.00	40.56 0.17 0.00	43.68 -0.54 0.00	41.25 -0.52 0.00	30.89 -0.38 0.00	31.68 -0.82 0.00	34.03 -0.44 0.00	31.78 -0.26 0.00	34.24 -0.27 0.00	38.92 0.09 0.00	35.29 -0.09 0.00	43.20 -0.06 0.00	45.99 -0.13 0.00	47.70 0.58 0.00
LYONS_FALL_HYD 23570	51.46 1.54 0.00	44.41 1.15 0.00	39.42 0.94 0.00	38.17 0.86 0.00	38.56 0.88 0.00	38.11 0.95 0.00	37.58 1.17 0.00	39.79 1.17 0.00	42.04 1.37 0.00	41.51 1.43 0.00	44.54 1.21 0.00	41.32 0.93 0.00	44.73 0.51 0.00	41.81 0.03 0.00	31.50 0.23 0.00	32.59 0.10 0.00	35.12 0.65 0.00	32.85 0.82 0.00	35.43 0.91 0.00	39.90 1.07 0.00	35.92 0.54 0.00	43.95 0.69 0.00	46.47 0.35 0.00	47.92 0.80 0.00
MADISON__COUNTY_LFGE 323628	51.27 1.34 0.00	44.33 1.07 0.00	39.36 0.89 0.00	38.13 0.82 0.00	38.55 0.87 0.00	38.14 0.97 0.00	37.52 1.11 0.00	39.80 1.19 0.00	41.99 1.32 0.00	41.46 1.38 0.00	44.88 1.55 0.00	41.73 1.33 0.00	45.50 1.29 0.00	42.42 0.64 0.00	31.76 0.50 0.00	33.20 0.71 0.00	35.51 1.04 0.00	33.14 1.11 0.00	35.86 1.35 0.00	40.26 1.43 0.00	36.51 1.13 0.00	44.63 1.37 0.00	47.37 1.25 0.00	48.30 1.18 0.00
MALONE__115KV_TB1 356076	50.67 0.74 0.00	44.05 0.78 0.00	39.18 0.70 0.00	37.99 0.69 0.00	38.37 0.68 0.00	37.79 0.62 0.00	37.02 0.60 0.00	39.24 0.62 0.00	41.27 0.61 0.00	40.62 0.54 0.00	43.79 0.46 0.00	40.82 0.43 0.00	44.40 0.18 0.00	42.02 0.24 0.00	31.54 0.28 0.00	32.66 0.17 0.00	34.75 0.27 0.00	32.32 0.28 0.00	34.80 0.29 0.00	39.44 0.61 0.00	35.88 0.50 0.00	43.48 0.21 0.00	46.34 0.23 0.00	47.79 0.67 0.00
MAPLEWOD_115KV_TB3 80458	50.70 0.78 0.00	44.17 0.90 0.00	39.27 0.80 0.00	38.25 0.94 0.00	38.60 0.91 0.00	38.31 1.15 0.00	37.63 1.22 0.00	40.08 1.46 0.00	42.18 1.51 0.00	41.26 1.18 0.00	44.20 0.87 0.00	41.44 1.05 0.00	45.25 1.03 0.00	42.78 1.00 0.00	31.93 0.67 0.00	33.31 0.82 0.00	35.18 0.71 0.00	32.64 0.60 0.00	35.20 0.68 0.00	39.21 0.38 0.00	36.02 0.64 0.00	43.75 0.49 0.00	46.86 0.74 0.00	47.76 0.64 0.00
MAPLE_RIDGE_WT_1 323574	49.82 -0.10 0.00	43.23 -0.03 0.00	38.44 -0.04 0.00	37.23 -0.07 0.00	37.62 -0.07 0.00	37.02 -0.15 0.00	36.19 -0.22 0.00	38.35 -0.26 0.00	40.39 -0.27 0.00	39.84 -0.24 0.00	43.11 -0.22 0.00	39.85 -0.54 0.00	43.53 -0.69 0.00	41.20 -0.57 0.00	30.99 -0.28 0.00	32.04 -0.45 0.00	34.16 -0.31 0.00	31.66 -0.37 0.00	33.98 -0.53 0.00	38.06 -0.77 0.00	34.61 -0.77 0.00	42.27 -0.99 0.00	44.97 -1.15 0.00	46.35 -0.77 0.00
MAPLE_RIDGE_WT_2 323611	49.82 -0.10 0.00	43.23 -0.03 0.00	38.44 -0.04 0.00	37.23 -0.07 0.00	37.62 -0.07 0.00	37.02 -0.15 0.00	36.19 -0.22 0.00	38.35 -0.26 0.00	40.39 -0.27 0.00	39.84 -0.24 0.00	43.11 -0.22 0.00	39.85 -0.54 0.00	43.53 -0.69 0.00	41.20 -0.57 0.00	30.99 -0.28 0.00	32.04 -0.45 0.00	34.16 -0.31 0.00	31.66 -0.37 0.00	33.98 -0.53 0.00	38.06 -0.77 0.00	34.61 -0.77 0.00	42.27 -0.99 0.00	44.97 -1.15 0.00	46.35 -0.77 0.00
MARBLE_RIVER_WT_PWR 323696	50.27 0.34 0.00	43.68 0.42 0.00	38.84 0.36 0.00	37.62 0.32 0.00	38.00 0.32 0.00	37.42 0.25 0.00	36.58 0.17 0.00	38.76 0.15 0.00	40.73 0.07 0.00	40.03 -0.05 0.00	43.08 -0.25 0.00	40.19 -0.20 0.00	43.84 -0.38 0.00	41.43 -0.35 0.00	31.06 -0.21 0.00	32.09 -0.40 0.00	34.10 -0.37 0.00	31.69 -0.35 0.00	34.05 -0.46 0.00	38.58 -0.24 0.00	35.14 -0.24 0.00	42.72 -0.54 0.00	45.61 -0.51 0.00	47.25 0.13 0.00
MARSHVLE_115KV_TB1 80742	52.66 2.74 0.00	45.57 2.31 0.00	40.43 1.96 0.00	39.16 1.86 0.00	39.50 1.81 0.00	39.05 1.88 0.00	38.41 2.00 0.00	40.49 1.87 0.00	42.77 2.10 0.00	42.32 2.24 0.00	45.90 2.57 0.00	42.68 2.28 0.00	46.75 2.53 0.00	44.07 2.29 0.00	32.27 1.01 0.00	33.64 1.15 0.00	36.15 1.68 0.00	33.63 1.59 0.00	36.47 1.96 0.00	41.10 2.27 0.00	37.36 1.97 0.00	45.74 2.48 0.00	48.47 2.36 0.00	49.45 2.33 0.00
MARSH_HILL_WT_PWR 323713	51.83 1.91 0.00	44.84 1.58 0.00	39.53 1.05 0.00	37.82 0.52 0.00	38.11 0.43 0.00	37.28 0.12 0.00	36.47 0.06 0.00	38.47 -0.15 0.00	40.31 -0.35 0.00	40.40 0.32 0.00	45.23 1.90 0.00	40.82 0.43 0.00	45.61 1.39 0.00	44.81 2.03 -1.00	48.25 1.18 -15.81	43.26 1.81 -8.96	39.56 1.90 -3.18	39.82 1.88 -5.90	40.39 2.37 -3.51	40.99 1.31 -0.85	36.73 1.36 0.00	44.82 1.56 0.00	47.17 1.05 0.00	47.73 0.61 0.00
MCINTYRE_115KV_TB2 80467	51.66 1.74 0.00	44.95 1.69 0.00	40.03 1.56 0.00	38.81 1.50 0.00	39.17 1.48 0.00	38.54 1.38 0.00	37.74 1.33 0.00	39.80 1.19 0.00	41.85 1.18 0.00	41.01 0.93 0.00	43.92 0.59 0.00	40.70 0.30 0.00	44.28 0.06 0.00	42.12 0.34 0.00	31.46 0.20 0.00	32.31 -0.19 0.00	34.80 0.32 0.00	32.47 0.43 0.00	34.97 0.45 0.00	39.98 1.15 0.00	36.46 1.08 0.00	44.43 1.17 0.00	47.34 1.22 0.00	48.72 1.60 0.00
MECO____69_KV_BK1 80468	52.88 2.96 0.00	45.75 2.49 0.00	40.64 2.16 0.00	39.38 2.08 0.00	39.76 2.08 0.00	39.35 2.18 0.00	38.67 2.26 0.00	41.12 2.51 0.00	43.38 2.72 0.00	42.80 2.72 0.00	46.32 2.99 0.00	43.07 2.68 0.00	47.16 2.94 0.00	44.61 2.83 0.00	32.43 1.16 0.00	33.67 1.18 0.00	36.23 1.75 0.00	33.99 1.95 0.00	36.97 2.46 0.00	41.56 2.74 0.00	37.84 2.46 0.00	46.17 2.91 0.00	49.00 2.88 0.00	49.86 2.74 0.00

MENANDS__115KV_TB5 355628	50.35 0.43 0.00	43.90 0.63 0.00	39.04 0.56 0.00	38.03 0.73 0.00	38.39 0.70 0.00	38.12 0.95 0.00	37.43 1.02 0.00	39.88 1.26 0.00	41.94 1.27 0.00	41.02 0.94 0.00	43.91 0.58 0.00	41.20 0.80 0.00	44.94 0.72 0.00	42.46 0.69 0.00	31.74 0.48 0.00	33.12 0.63 0.00	34.96 0.48 0.00	32.41 0.37 0.00	34.94 0.43 0.00	38.88 0.05 0.00	35.73 0.35 0.00	43.38 0.12 0.00	46.51 0.39 0.00	47.43 0.31 0.00
MG INDUSTRY__DRP 24185	50.42 0.50 0.00	43.78 0.51 0.00	38.98 0.50 0.00	37.90 0.60 0.00	38.27 0.58 0.00	37.91 0.75 0.00	37.26 0.85 0.00	39.59 0.97 0.00	41.66 0.99 0.00	40.86 0.77 0.00	43.97 0.64 0.00	40.98 0.59 0.00	44.15 -0.07 0.00	41.53 -0.24 0.00	31.04 -0.22 0.00	32.26 -0.23 0.00	34.19 -0.29 0.00	31.83 -0.21 0.00	34.33 -0.18 0.00	38.30 -0.53 0.00	35.02 -0.36 0.00	42.63 -0.63 0.00	45.59 -0.53 0.00	46.90 -0.22 0.00
MID__OSWEGATCHIE_HYD 23849	51.00 1.08 0.00	44.20 0.94 0.00	39.28 0.81 0.00	38.08 0.77 0.00	38.44 0.76 0.00	37.87 0.70 0.00	37.19 0.78 0.00	39.33 0.71 0.00	41.49 0.82 0.00	40.87 0.79 0.00	43.73 0.40 0.00	40.56 0.17 0.00	43.68 -0.54 0.00	41.25 -0.52 0.00	30.89 -0.38 0.00	31.68 -0.82 0.00	34.03 -0.44 0.00	31.78 -0.26 0.00	34.24 -0.27 0.00	38.92 0.09 0.00	35.29 -0.09 0.00	43.20 -0.06 0.00	45.99 -0.13 0.00	47.70 0.58 0.00
MID__RAQUETTE_HYD 23851	50.58 0.66 0.00	44.03 0.77 0.00	39.19 0.72 0.00	38.01 0.71 0.00	38.35 0.67 0.00	37.72 0.56 0.00	36.90 0.49 0.00	39.01 0.40 0.00	41.10 0.43 0.00	40.42 0.33 0.00	43.34 0.01 0.00	40.28 -0.12 0.00	43.57 -0.65 0.00	41.32 -0.46 0.00	30.76 -0.50 0.00	31.49 -1.00 0.00	33.57 -0.91 0.00	31.24 -0.79 0.00	33.67 -0.84 0.00	38.48 -0.35 0.00	35.17 -0.21 0.00	42.97 -0.29 0.00	45.96 -0.16 0.00	47.60 0.48 0.00
MILLIKEN__1 23584	51.01 1.08 0.00	44.06 0.80 0.00	39.14 0.67 0.00	37.89 0.58 0.00	38.33 0.64 0.00	37.87 0.70 0.00	37.29 0.88 0.00	39.45 0.83 0.00	41.57 0.91 0.00	41.15 1.07 0.00	44.73 1.40 0.00	41.34 0.95 0.00	44.73 0.51 0.00	42.33 0.55 0.00	31.66 0.40 0.00	33.36 0.86 0.00	35.38 0.90 0.00	33.12 1.08 0.00	35.77 1.26 0.00	40.05 1.23 0.00	36.37 0.99 0.00	44.47 1.21 0.00	47.27 1.15 0.00	48.09 0.97 0.00
MILLIKEN__2 23585	51.01 1.08 0.00	44.06 0.80 0.00	39.14 0.67 0.00	37.89 0.58 0.00	38.33 0.64 0.00	37.87 0.70 0.00	37.29 0.88 0.00	39.45 0.83 0.00	41.57 0.91 0.00	41.15 1.07 0.00	44.73 1.40 0.00	41.34 0.95 0.00	44.73 0.51 0.00	42.33 0.55 0.00	31.66 0.40 0.00	33.36 0.86 0.00	35.38 0.90 0.00	33.12 1.08 0.00	35.77 1.26 0.00	40.05 1.23 0.00	36.37 0.99 0.00	44.47 1.21 0.00	47.27 1.15 0.00	48.09 0.97 0.00
MILLIKEN__DIESEL 23629	51.01 1.08 0.00	44.06 0.80 0.00	39.14 0.67 0.00	37.89 0.58 0.00	38.33 0.64 0.00	37.87 0.70 0.00	37.29 0.88 0.00	39.45 0.83 0.00	41.57 0.91 0.00	41.15 1.07 0.00	44.73 1.40 0.00	41.34 0.95 0.00	44.73 0.51 0.00	42.33 0.55 0.00	31.66 0.40 0.00	33.36 0.86 0.00	35.38 0.90 0.00	33.12 1.08 0.00	35.77 1.26 0.00	40.05 1.23 0.00	36.37 0.99 0.00	44.47 1.21 0.00	47.27 1.15 0.00	48.09 0.97 0.00
MILLSEAT__LFGE 323607	42.99 2.05 8.99	32.24 2.18 13.21	31.40 1.71 8.78	28.89 1.72 10.14	34.61 1.53 4.60	35.89 1.41 2.69	34.30 1.63 3.74	38.79 1.41 1.24	38.78 0.06 1.95	40.33 1.73 1.48	46.00 2.67 0.00	42.14 1.75 0.00	46.70 2.48 0.00	48.56 3.16 -3.63	90.62 1.98 -57.37	67.48 2.48 -32.50	48.27 2.25 -11.55	55.52 2.08 -21.40	49.86 2.60 -12.75	44.11 2.20 -3.08	36.22 1.06 0.23	44.95 1.87 0.19	47.74 1.73 0.11	48.83 1.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	51.15 1.23 0.00	43.95 0.68 0.00	39.01 0.53 0.00	37.78 0.48 0.00	38.24 0.56 0.00	38.05 0.88 0.00	37.70 1.29 0.00	40.20 1.58 0.00	42.32 1.66 0.00	41.74 1.65 0.00	45.38 2.05 0.00	42.69 2.30 0.00	47.16 2.94 0.00	44.54 2.76 0.00	33.27 2.00 0.00	34.40 1.91 0.00	36.36 1.89 0.00	33.70 1.66 0.00	36.21 1.70 0.00	40.25 1.42 0.00	36.46 1.08 0.00	44.45 1.19 0.00	47.66 1.55 0.00	48.21 1.09 0.00
MILLWOOD_13_KV_LOAD 356217	51.25 1.33 0.00	44.04 0.77 0.00	39.08 0.60 0.00	37.85 0.55 0.00	38.32 0.64 0.00	38.12 0.96 0.00	37.78 1.36 0.00	40.27 1.66 0.00	42.41 1.74 0.00	41.83 1.75 0.00	45.49 2.16 0.00	42.80 2.40 0.00	47.26 3.04 0.00	44.65 2.88 0.00	33.35 2.09 0.00	34.48 1.99 0.00	36.46 1.98 0.00	33.78 1.74 0.00	36.30 1.79 0.00	40.35 1.52 0.00	36.56 1.18 0.00	44.55 1.29 0.00	47.77 1.65 0.00	48.30 1.18 0.00
MODEL_CITY_ENERGY 24167	38.55 -0.25 11.12	27.25 0.32 16.34	27.70 0.09 10.87	24.97 0.21 12.54	31.95 -0.05 5.69	33.59 -0.25 3.33	31.65 -0.13 4.63	36.38 -0.70 1.53	37.90 -0.68 2.08	38.51 0.22 1.79	44.27 0.94 0.00	41.02 0.62 0.00	45.46 1.24 0.00	45.26 1.21 -2.27	67.70 0.54 -35.90	54.08 1.25 -20.34	42.71 1.01 -7.23	45.99 0.55 -13.40	43.44 0.94 -7.98	41.08 0.33 -1.93	34.92 -0.17 0.28	43.58 0.55 0.23	46.47 0.49 0.14	47.64 0.52 0.00
MODERN_LFGE__ 323580	38.55 -0.25 11.12	27.25 0.32 16.34	27.70 0.09 10.87	24.97 0.21 12.54	31.95 -0.05 5.69	33.59 -0.25 3.33	31.65 -0.13 4.63	36.38 -0.70 1.53	37.90 -0.68 2.08	38.51 0.22 1.79	44.27 0.94 0.00	41.02 0.62 0.00	45.46 1.24 0.00	45.26 1.21 -2.27	67.70 0.54 -35.90	54.08 1.25 -20.34	42.71 1.01 -7.23	45.99 0.55 -13.40	43.44 0.94 -7.98	41.08 0.33 -1.93	34.92 -0.17 0.28	43.58 0.55 0.23	46.47 0.49 0.14	47.64 0.52 0.00
MOHAWK_PAPER__DRP 24187	50.70 0.78 0.00	44.17 0.90 0.00	39.27 0.80 0.00	38.25 0.94 0.00	38.60 0.91 0.00	38.31 1.15 0.00	37.63 1.22 0.00	40.08 1.46 0.00	42.18 1.51 0.00	41.26 1.18 0.00	44.20 0.87 0.00	41.44 1.05 0.00	45.25 1.03 0.00	42.78 1.00 0.00	31.93 0.67 0.00	33.31 0.82 0.00	35.18 0.71 0.00	32.64 0.60 0.00	35.20 0.68 0.00	39.21 0.38 0.00	36.02 0.64 0.00	43.75 0.49 0.00	46.86 0.74 0.00	47.76 0.64 0.00
MOHICAN__35_KV_115KV_LD 80490	52.26 2.34 0.00	45.22 1.96 0.00	40.22 1.75 0.00	39.16 1.86 0.00	39.57 1.88 0.00	39.30 2.13 0.00	38.69 2.28 0.00	41.19 2.57 0.00	43.38 2.71 0.00	42.27 2.19 0.00	45.04 1.72 0.00	42.10 1.71 0.00	45.92 1.70 0.00	43.36 1.58 0.00	32.29 1.02 0.00	33.56 1.07 0.00	35.80 1.33 0.00	33.53 1.49 0.00	36.34 1.83 0.00	40.66 1.83 0.00	37.26 1.88 0.00	45.26 2.01 0.00	48.25 2.14 0.00	49.24 2.12 0.00
MONGAUP__HYD 23641	51.57 1.64 0.00	44.34 1.07 0.00	39.34 0.87 0.00	38.10 0.80 0.00	38.54 0.85 0.00	38.28 1.12 0.00	37.88 1.47 0.00	40.35 1.74 0.00	42.46 1.79 0.00	41.83 1.75 0.00	45.44 2.12 0.00	42.67 2.28 0.00	47.07 2.85 0.00	44.49 2.71 0.00	33.11 1.85 0.00	34.14 1.65 0.00	36.25 1.78 0.00	33.73 1.69 0.00	36.29 1.78 0.00	40.48 1.65 0.00	36.75 1.37 0.00	44.96 1.70 0.00	48.00 1.89 0.00	48.57 1.45 0.00

MONTAUK___DIESEL 23721	52.96 3.04 0.00	45.71 2.45 0.00	40.28 1.80 0.00	39.01 1.70 0.00	39.79 2.11 0.00	38.65 1.49 0.00	38.89 2.48 0.00	42.20 3.58 0.00	44.79 4.12 0.00	43.64 3.56 0.00	48.01 4.68 0.00	45.20 4.81 0.00	49.78 5.56 0.00	47.41 5.63 0.00	35.33 4.07 0.00	36.51 4.02 0.00	39.08 4.60 0.00	36.35 3.80 -0.51	38.30 3.79 0.00	42.64 3.81 0.00	38.10 2.71 0.00	46.53 3.27 0.00	49.89 3.77 0.00	50.17 3.05 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	51.08 1.16 0.00	44.53 1.27 0.00	39.41 0.93 0.00	38.15 0.85 0.00	38.45 0.76 0.00	37.83 0.66 0.00	37.13 0.72 0.00	39.00 0.38 0.00	40.46 -0.20 0.00	40.87 0.79 0.00	45.43 2.10 0.00	42.24 1.85 0.00	47.49 3.27 0.00	46.60 3.29 -1.53	57.66 2.21 -24.18	49.62 3.43 -13.70	42.48 3.14 -4.87	43.54 2.48 -9.02	42.97 3.08 -5.37	42.25 2.12 -1.30	37.02 1.64 0.00	46.20 2.94 0.00	49.35 3.23 0.00	49.44 2.32 0.00
MORRIS_RIDGE___SOLAR 323848	50.90 0.98 0.00	44.20 0.93 0.00	39.08 0.60 0.00	37.66 0.36 0.00	37.95 0.26 0.00	37.20 0.04 0.00	36.56 0.14 0.00	38.29 -0.32 0.00	40.26 -0.41 0.00	40.41 0.33 0.00	44.44 1.11 0.00	40.53 0.13 0.00	45.01 0.79 0.00	44.47 1.41 -1.29	52.30 0.67 -20.37	45.30 1.27 -11.54	39.90 1.32 -4.10	41.00 1.36 -7.60	40.82 1.78 -4.53	40.80 0.88 -1.10	36.05 0.67 0.00	44.63 1.37 0.00	47.21 1.09 0.00	47.87 0.75 0.00
MORTIMER_115KV_TB3 55949	50.88 0.95 0.00	44.33 1.07 0.00	39.27 0.79 0.00	38.11 0.81 0.00	38.36 0.68 0.00	37.77 0.60 0.00	37.16 0.75 0.00	39.19 0.58 0.00	41.41 0.74 0.00	41.35 1.27 0.00	45.03 1.70 0.00	41.71 1.32 0.00	46.12 1.90 0.00	49.50 2.07 -5.65	122.02 1.37 -89.39	84.94 1.81 -50.64	54.36 1.90 -17.99	66.99 1.60 -33.35	56.22 1.85 -19.86	45.27 1.64 -4.80	36.31 0.93 0.00	44.79 1.53 0.00	47.50 1.38 0.00	48.38 1.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	51.45 1.52 0.00	44.20 0.94 0.00	39.21 0.73 0.00	37.98 0.67 0.00	38.46 0.77 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.09 2.01 0.00	45.78 2.44 0.00	43.08 2.69 0.00	47.59 3.37 0.00	44.95 3.17 0.00	33.55 2.28 0.00	34.64 2.15 0.00	36.58 2.11 0.00	33.89 1.85 0.00	36.38 1.87 0.00	40.44 1.61 0.00	36.62 1.24 0.00	44.72 1.46 0.00	47.99 1.87 0.00	48.47 1.35 0.00
MUNSVILLE_WIND_PWR 323609	57.90 3.74 -4.24	52.54 3.05 -6.22	45.10 2.48 -4.14	44.37 2.29 -4.78	42.34 2.49 -2.17	41.14 2.71 -1.27	41.03 2.86 -1.77	41.93 2.72 -0.58	44.33 2.87 -0.79	43.60 2.84 -0.68	46.71 3.38 0.00	43.64 3.24 0.00	46.00 1.78 0.00	42.97 1.20 0.00	32.11 0.85 0.00	34.42 1.93 0.00	36.82 2.34 0.00	34.74 2.70 0.00	37.15 2.63 0.00	40.78 1.95 0.00	37.58 2.10 -0.11	45.46 2.11 -0.09	47.66 1.49 -0.05	48.39 1.28 0.00
N SALMON___HYD 24042	50.67 0.74 0.00	44.04 0.78 0.00	39.18 0.70 0.00	37.99 0.69 0.00	38.37 0.68 0.00	37.79 0.63 0.00	37.01 0.60 0.00	39.24 0.62 0.00	41.27 0.61 0.00	40.62 0.55 0.00	43.79 0.46 0.00	40.82 0.43 0.00	44.40 0.18 0.00	42.02 0.24 0.00	31.54 0.28 0.00	32.66 0.16 0.00	34.74 0.27 0.00	32.32 0.28 0.00	34.78 0.27 0.00	39.43 0.61 0.00	35.88 0.50 0.00	43.48 0.22 0.00	46.34 0.22 0.00	47.79 0.67 0.00
N.AKRON__115KV_KNAPP 355671	51.31 1.39 0.00	44.91 1.64 0.00	39.71 1.24 0.00	38.60 1.30 0.00	38.78 1.09 0.00	38.10 0.93 0.00	37.46 1.05 0.00	39.38 0.77 0.00	41.59 0.93 0.00	41.71 1.63 0.00	45.56 2.23 0.00	41.92 1.52 0.00	46.44 2.22 0.00	47.56 2.62 -3.15	82.69 1.55 -49.87	62.81 2.06 -28.26	46.48 1.96 -10.04	52.30 1.65 -18.61	47.59 1.99 -11.08	43.20 1.70 -2.68	36.18 0.80 0.00	44.89 1.63 0.00	47.64 1.53 0.00	48.66 1.53 0.00
N.BELMOR_69_KV_BK1 55787	51.76 1.84 0.00	44.45 1.19 0.00	39.33 0.85 0.00	38.14 0.84 0.00	38.68 0.99 0.00	38.40 1.23 0.00	38.17 1.77 0.00	40.83 2.21 0.00	43.01 2.35 0.00	42.36 2.28 0.00	46.25 2.92 0.00	43.45 3.06 0.00	48.10 3.88 0.00	45.41 3.64 0.00	33.84 2.58 0.00	34.95 2.46 0.00	37.03 2.55 0.00	34.90 2.35 -0.51	36.94 2.43 0.00	40.96 2.13 0.00	36.89 1.51 0.00	45.20 1.94 0.00	48.50 2.39 0.00	48.88 1.76 0.00
N.E._GEN_SANDY PD 24062	50.75 0.83 0.00	44.86 1.00 -0.60	39.30 0.83 0.00	38.36 1.06 0.00	38.68 0.99 0.00	38.48 1.31 0.00	37.81 1.40 0.00	40.36 1.74 0.00	42.44 1.77 0.00	41.14 1.33 0.27	44.26 0.93 0.00	41.61 1.21 0.00	45.56 1.34 0.00	42.97 1.23 0.03	32.10 0.84 0.00	33.49 0.99 0.00	33.57 0.81 1.72	32.66 0.62 0.00	33.16 0.69 2.04	39.48 0.36 -0.29	37.49 0.70 -1.41	43.78 0.52 0.00	49.93 0.96 -2.86	48.86 0.76 -0.98
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	51.18 1.26 0.00	43.95 0.68 0.00	38.99 0.51 0.00	37.76 0.46 0.00	38.22 0.54 0.00	38.03 0.86 0.00	37.66 1.25 0.00	40.15 1.54 0.00	42.25 1.59 0.00	41.71 1.63 0.00	45.38 2.05 0.00	42.72 2.33 0.00	47.21 2.99 0.00	44.58 2.81 0.00	33.28 2.01 0.00	34.44 1.95 0.00	36.43 1.95 0.00	33.73 1.70 0.00	36.25 1.73 0.00	40.30 1.47 0.00	36.49 1.11 0.00	44.44 1.18 0.00	47.65 1.54 0.00	48.19 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	51.35 1.43 0.00	44.13 0.86 0.00	39.18 0.70 0.00	37.93 0.63 0.00	38.42 0.74 0.00	38.28 1.12 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.67 2.01 0.00	42.08 2.00 0.00	45.75 2.42 0.00	43.03 2.64 0.00	47.45 3.24 0.00	44.88 3.10 0.00	33.53 2.27 0.00	34.52 2.03 0.00	36.48 2.01 0.00	33.75 1.71 0.00	36.24 1.73 0.00	40.32 1.49 0.00	36.52 1.14 0.01	44.63 1.37 0.00	47.90 1.78 0.00	48.34 1.22 0.00
N.TROY___115KV_TB1 355778	50.99 1.07 0.00	44.40 1.14 0.00	39.48 1.00 0.00	38.45 1.15 0.00	38.80 1.11 0.00	38.50 1.34 0.00	37.82 1.41 0.00	40.29 1.67 0.00	42.38 1.72 0.00	41.42 1.34 0.00	44.30 0.97 0.00	41.52 1.13 0.00	45.38 1.16 0.00	42.88 1.10 0.00	31.99 0.73 0.00	33.37 0.88 0.00	35.26 0.78 0.00	32.73 0.69 0.00	35.31 0.80 0.00	39.40 0.57 0.00	36.21 0.83 0.00	43.99 0.73 0.00	47.15 1.03 0.00	48.05 0.93 0.00
NARROWS_GT1_1 24228	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT1_2 24229	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00

NARROWS_GT1_3 24230	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT1_4 24231	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT1_5 24232	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT1_6 24233	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT1_7 24234	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT1_8 24235	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_1 24236	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_2 24237	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_3 24238	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_4 24239	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_5 24240	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_6 24241	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_7 24242	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NARROWS_GT2_8 24243	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	51.18 1.25 0.00	44.42 1.15 0.00	39.52 1.04 0.00	38.43 1.13 0.00	38.80 1.11 0.00	38.50 1.34 0.00	37.90 1.50 0.00	40.40 1.78 0.00	42.54 1.88 0.00	41.67 1.58 0.00	44.67 1.34 0.00	41.73 1.34 0.00	45.37 1.16 0.00	42.96 1.18 0.00	32.04 0.78 0.00	33.26 0.77 0.00	35.35 0.87 0.00	32.90 0.86 0.00	35.57 1.06 0.00	39.65 0.82 0.00	36.31 0.93 0.00	44.10 0.85 0.00	47.09 0.97 0.00	48.09 0.97 0.00

NCHELSEA_115KV_TR2 355582	51.54 1.62 0.00	44.29 1.03 0.00	39.33 0.85 0.00	38.10 0.80 0.00	38.55 0.87 0.00	38.33 1.16 0.00	37.96 1.56 0.00	40.47 1.85 0.00	42.62 1.95 0.00	42.02 1.93 0.00	45.66 2.33 0.00	42.90 2.51 0.00	47.37 3.16 0.00	44.78 3.00 0.00	33.43 2.17 0.00	34.59 2.10 0.00	36.60 2.12 0.00	33.97 1.94 0.00	36.52 2.01 0.00	40.62 1.80 0.00	36.84 1.46 0.00	44.86 1.60 0.00	48.03 1.91 0.00	48.60 1.48 0.00
NEG CAPITAL___MECHNVIL 23645	51.84 1.92 0.00	44.98 1.71 0.00	39.99 1.51 0.00	38.90 1.60 0.00	39.27 1.59 0.00	38.96 1.80 0.00	38.32 1.91 0.00	40.79 2.18 0.00	42.96 2.29 0.00	42.04 1.96 0.00	45.07 1.75 0.00	42.15 1.76 0.00	46.11 1.90 0.00	43.58 1.81 0.00	32.46 1.20 0.00	33.79 1.29 0.00	35.83 1.36 0.00	33.42 1.38 0.00	36.10 1.58 0.00	40.33 1.50 0.00	36.96 1.59 0.00	44.92 1.66 0.00	48.00 1.88 0.00	48.89 1.77 0.00
NEG CENTRAL_HIGH_ACRES 23767	49.90 -0.02 0.00	43.43 0.17 0.00	38.49 0.01 0.00	37.35 0.05 0.00	37.62 -0.06 0.00	37.07 -0.10 0.00	36.47 0.06 0.00	38.52 -0.09 0.00	40.68 0.01 0.00	40.55 0.47 0.00	44.14 0.81 0.00	40.86 0.47 0.00	45.06 0.84 0.00	38.77 0.99 4.00	-31.33 -0.64 63.23	-2.25 1.08 35.82	22.92 1.17 12.73	9.37 0.93 23.59	21.57 1.11 14.05	36.30 0.87 3.40	35.62 0.24 0.00	43.80 0.54 0.00	46.47 0.35 0.00	47.36 0.24 0.00
NEG CENTRAL___DRP 24199	50.86 0.94 0.00	43.98 0.72 0.00	39.05 0.57 0.00	37.76 0.46 0.00	38.18 0.49 0.00	37.67 0.51 0.00	37.08 0.67 0.00	39.20 0.58 0.00	41.35 0.69 0.00	41.09 1.01 0.00	44.74 1.41 0.00	41.01 0.62 0.00	44.97 0.75 0.00	41.25 0.88 1.40	9.72 0.65 22.19	21.14 1.22 12.57	31.27 1.26 4.47	25.00 1.25 8.28	31.10 1.52 4.93	39.05 1.42 1.19	36.38 1.00 0.00	44.39 1.14 0.00	47.14 1.03 0.00	47.92 0.80 0.00
NEG CENTRAL___INDECK 23768	52.60 2.68 0.00	45.71 2.45 0.00	40.40 1.92 0.00	39.03 1.73 0.00	39.29 1.61 0.00	38.68 1.51 0.00	38.14 1.72 0.00	40.17 1.55 0.00	42.39 1.72 0.00	42.32 2.24 0.00	46.23 2.90 0.00	41.75 1.36 0.00	46.24 2.03 0.00	47.41 2.92 -2.72	76.02 1.79 -42.96	58.98 2.15 -24.34	45.40 2.28 -8.65	50.37 2.30 -16.03	47.30 3.24 -9.55	43.93 2.79 -2.31	37.55 2.17 0.00	46.14 2.88 0.00	48.42 2.31 0.00	49.15 2.03 0.00
NEG CENTRAL___SENECA 23627	51.31 1.38 0.00	44.36 1.10 0.00	39.34 0.86 0.00	38.01 0.70 0.00	38.42 0.73 0.00	37.90 0.73 0.00	37.32 0.91 0.00	39.44 0.83 0.00	41.64 0.98 0.00	41.49 1.41 0.00	45.29 1.96 0.00	41.32 0.93 0.00	45.46 1.24 0.00	40.88 1.41 2.31	-4.20 1.01 36.47	13.53 1.70 20.67	28.92 1.78 7.34	20.12 1.69 13.61	28.47 2.06 8.11	38.81 1.94 1.96	36.79 1.41 0.00	44.83 1.57 0.00	47.51 1.39 0.00	48.22 1.10 0.00
NEG CENTRAL___STATE_STREET 24147	50.59 0.67 0.00	43.69 0.43 0.00	38.88 0.40 0.00	37.67 0.36 0.00	38.09 0.41 0.00	37.57 0.40 0.00	36.95 0.54 0.00	39.01 0.39 0.00	41.10 0.44 0.00	40.71 0.63 0.00	44.17 0.85 0.00	40.80 0.41 0.00	44.44 0.22 0.00	41.37 0.24 0.65	21.18 0.20 10.28	27.26 0.59 5.82	33.01 0.61 2.07	28.93 0.73 3.83	33.09 0.86 2.28	39.18 0.90 0.55	35.95 0.57 0.00	44.02 0.76 0.00	46.98 0.87 0.00	47.84 0.72 0.00
NEG MILLWOOD___DRP 24198	51.57 1.64 0.00	44.32 1.06 0.00	39.35 0.87 0.00	38.11 0.81 0.00	38.56 0.88 0.00	38.37 1.20 0.00	38.02 1.61 0.00	40.54 1.92 0.00	42.71 2.04 0.00	42.10 2.02 0.00	45.76 2.43 0.00	43.02 2.62 0.00	47.50 3.29 0.00	44.90 3.12 0.00	33.54 2.28 0.00	34.68 2.18 0.00	36.67 2.19 0.00	34.04 2.00 0.00	36.59 2.07 0.00	40.69 1.86 0.00	36.89 1.51 0.00	44.92 1.66 0.00	48.10 1.98 0.00	48.64 1.53 0.00
NEG NORTH_FLCN_SEA 23793	51.32 1.40 0.00	44.50 1.23 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.88 1.19 0.00	38.28 1.12 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.53 0.86 0.00	40.42 0.34 0.00	43.37 0.04 0.00	40.50 0.11 0.00	44.11 -0.11 0.00	41.73 -0.04 0.00	31.23 -0.04 0.00	32.22 -0.27 0.00	34.36 -0.11 0.00	31.92 -0.12 0.00	34.26 -0.26 0.00	38.73 -0.10 0.00	35.38 0.00 0.00	43.11 -0.15 0.00	46.11 0.00 0.00	48.01 0.89 0.00
NEG NORTH_KES_CHATEGAY 23792	50.18 0.26 0.00	43.63 0.37 0.00	38.79 0.31 0.00	37.57 0.27 0.00	37.93 0.25 0.00	37.35 0.19 0.00	36.53 0.12 0.00	38.70 0.08 0.00	40.61 -0.05 0.00	39.98 -0.10 0.00	43.03 -0.30 0.00	40.16 -0.24 0.00	43.80 -0.41 0.00	41.39 -0.38 0.00	31.04 -0.23 0.00	32.08 -0.41 0.00	34.07 -0.41 0.00	31.72 -0.32 0.00	34.12 -0.39 0.00	38.68 -0.15 0.00	35.20 -0.18 0.00	42.78 -0.48 0.00	45.66 -0.45 0.00	47.21 0.09 0.00
NEG NORTH___ALICE_FALLS 23915	51.27 1.35 0.00	44.48 1.22 0.00	39.60 1.12 0.00	38.42 1.12 0.00	38.86 1.17 0.00	38.27 1.10 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.50 0.83 0.00	40.52 0.44 0.00	43.71 0.38 0.00	40.83 0.43 0.00	44.45 0.23 0.00	42.01 0.23 0.00	31.49 0.22 0.00	32.50 0.01 0.00	34.58 0.11 0.00	32.15 0.11 0.00	34.56 0.05 0.00	39.11 0.29 0.00	35.70 0.32 0.00	43.39 0.13 0.00	46.36 0.24 0.00	48.07 0.95 0.00
NEG NORTH___LWR_SARANAC 23913	51.27 1.35 0.00	44.48 1.22 0.00	39.60 1.12 0.00	38.42 1.12 0.00	38.86 1.17 0.00	38.27 1.10 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.50 0.83 0.00	40.52 0.44 0.00	43.71 0.38 0.00	40.83 0.43 0.00	44.45 0.23 0.00	42.01 0.23 0.00	31.49 0.22 0.00	32.50 0.01 0.00	34.58 0.11 0.00	32.15 0.11 0.00	34.56 0.05 0.00	39.11 0.29 0.00	35.70 0.32 0.00	43.39 0.13 0.00	46.36 0.24 0.00	48.07 0.95 0.00
NEG NORTH___PLATTSBURG 23628	51.28 1.36 0.00	44.47 1.21 0.00	39.60 1.12 0.00	38.42 1.12 0.00	38.86 1.17 0.00	38.27 1.10 0.00	37.47 1.06 0.00	39.74 1.12 0.00	41.50 0.83 0.00	40.52 0.44 0.00	43.71 0.38 0.00	40.83 0.43 0.00	44.45 0.23 0.00	42.01 0.23 0.00	31.49 0.22 0.00	32.49 0.00 0.00	34.58 0.10 0.00	32.15 0.11 0.00	34.54 0.03 0.00	39.11 0.28 0.00	35.70 0.32 0.00	43.39 0.13 0.00	46.35 0.24 0.00	48.06 0.94 0.00
NEG WEST_LEA_LOCKPORT 23791	50.08 0.16 0.00	43.95 0.69 0.00	38.89 0.41 0.00	37.82 0.52 0.00	37.97 0.28 0.00	37.24 0.07 0.00	36.53 0.12 0.00	38.26 -0.35 0.00	40.35 -0.31 0.00	40.68 0.60 0.00	44.64 1.31 0.00	41.33 0.94 0.00	45.83 1.62 0.00	45.84 1.61 -2.46	71.04 0.84 -38.93	56.02 1.47 -22.06	43.65 1.34 -7.84	47.43 0.86 -14.53	44.30 1.13 -8.65	41.63 0.71 -2.09	35.53 0.15 0.00	44.20 0.94 0.00	46.99 0.87 0.00	48.00 0.88 0.00
NEG WEST___LANCASTR 23811	50.58 0.66 0.00	44.32 1.05 0.00	39.21 0.73 0.00	38.05 0.75 0.00	38.16 0.48 0.00	37.44 0.27 0.00	36.69 0.28 0.00	38.44 -0.17 0.00	40.60 -0.06 0.00	40.83 0.75 0.00	44.68 1.35 0.00	41.50 1.11 0.00	46.06 1.84 0.00	45.53 1.99 -1.76	60.54 1.42 -27.87	50.40 2.12 -15.79	42.11 2.03 -5.61	43.97 1.53 -10.40	42.50 1.79 -6.20	41.78 1.46 -1.50	36.25 0.87 0.00	45.03 1.78 0.00	47.71 1.60 0.00	48.57 1.45 0.00

NEG_PENN_ALLEGHNY 23528	56.82 0.53 -6.37	52.90 0.29 -9.35	44.93 0.23 -6.22	44.63 0.15 -7.18	41.18 0.24 -3.26	39.36 0.29 -1.90	39.56 0.49 -2.65	39.97 0.48 -0.88	42.41 0.55 -1.19	41.79 0.69 -1.02	44.41 1.08 0.00	41.28 0.88 0.00	45.30 1.08 0.00	42.82 1.04 0.00	32.01 0.75 0.00	33.62 1.12 0.00	35.55 1.07 0.00	33.08 1.04 0.00	35.63 1.11 0.00	39.68 0.85 0.00	36.17 0.63 -0.16	44.23 0.83 -0.13	47.06 0.87 -0.08	47.71 0.59 0.00
NEG___GEN_MONROE 24207	51.48 1.55 0.00	44.96 1.70 0.00	39.87 1.40 0.00	38.73 1.43 0.00	38.87 1.18 0.00	38.30 1.13 0.00	37.72 1.31 0.00	39.67 1.05 0.00	41.92 1.26 0.00	41.91 1.83 0.00	45.67 2.34 0.00	42.11 1.72 0.00	46.66 2.45 0.00	50.04 2.73 -5.53	120.69 1.98 -87.44	84.39 2.36 -49.54	54.46 2.38 -17.60	66.79 2.13 -32.62	56.31 2.36 -19.43	45.72 2.20 -4.69	36.57 1.19 0.00	45.16 1.90 0.00	48.01 1.89 0.00	48.86 1.74 0.00
NEPA___ENERGY 23901	50.55 0.63 0.00	43.70 0.43 0.00	38.80 0.33 0.00	37.46 0.16 0.00	37.92 0.24 0.00	37.29 0.12 0.00	36.68 0.27 0.00	38.60 -0.02 0.00	40.59 -0.08 0.00	40.72 0.64 0.00	44.98 1.65 0.00	41.68 1.28 0.00	46.47 2.25 0.00	45.49 2.19 -1.52	56.81 1.50 -24.05	48.57 2.45 -13.63	41.50 2.18 -4.84	42.83 1.82 -8.97	41.93 2.07 -5.34	41.67 1.55 -1.29	36.36 0.98 0.00	45.01 1.75 0.00	47.87 1.76 0.00	48.41 1.30 0.00
NEVERSINK___HYD 23608	50.81 0.88 0.00	43.67 0.41 0.00	38.76 0.28 0.00	37.53 0.23 0.00	37.99 0.31 0.00	37.74 0.57 0.00	37.34 0.93 0.00	39.79 1.17 0.00	41.91 1.24 0.00	41.37 1.29 0.00	44.99 1.66 0.00	42.23 1.84 0.00	46.67 2.45 0.00	44.10 2.33 0.00	32.87 1.61 0.00	34.07 1.58 0.00	36.12 1.64 0.00	33.54 1.51 0.00	36.06 1.54 0.00	40.16 1.33 0.00	36.41 1.03 0.00	44.31 1.06 0.00	47.39 1.27 0.00	47.96 0.84 0.00
NEWKRMKL_115KV_TB1 55635	50.08 0.16 0.00	43.60 0.33 0.00	38.80 0.32 0.00	37.76 0.46 0.00	38.13 0.45 0.00	37.86 0.70 0.00	37.21 0.80 0.00	39.62 1.01 0.00	41.68 1.02 0.00	40.83 0.75 0.00	43.76 0.43 0.00	41.06 0.67 0.00	44.73 0.51 0.00	42.32 0.54 0.00	31.65 0.39 0.00	33.00 0.51 0.00	34.86 0.39 0.00	32.35 0.32 0.00	34.86 0.35 0.00	38.75 -0.08 0.00	35.55 0.17 0.00	43.19 -0.07 0.00	46.25 0.14 0.00	47.16 0.04 0.00
NEWTON___FALLS_HYD 23847	51.00 1.08 0.00	44.20 0.94 0.00	39.28 0.81 0.00	38.08 0.77 0.00	38.44 0.76 0.00	37.87 0.70 0.00	37.19 0.78 0.00	39.33 0.71 0.00	41.49 0.82 0.00	40.87 0.79 0.00	43.73 0.40 0.00	40.56 0.17 0.00	43.68 -0.54 0.00	41.25 -0.52 0.00	30.89 -0.38 0.00	31.68 -0.82 0.00	34.03 -0.44 0.00	31.78 -0.26 0.00	34.24 -0.27 0.00	38.92 0.09 0.00	35.29 -0.09 0.00	43.20 -0.06 0.00	45.99 -0.13 0.00	47.70 0.58 0.00
NGRID_A1_DSASP 323792	49.42 -0.50 0.00	43.51 0.24 0.00	38.53 0.06 0.00	37.70 0.40 0.00	37.83 0.14 0.00	37.11 -0.06 0.00	36.34 -0.07 0.00	37.89 -0.72 0.00	39.90 -0.76 0.00	40.21 0.13 0.00	44.17 0.84 0.00	41.02 0.63 0.00	45.43 1.21 0.00	44.47 0.91 -1.79	59.76 0.26 -28.24	49.33 0.84 -16.00	40.77 0.61 -5.69	42.72 0.15 -10.54	41.09 0.30 -6.28	40.20 -0.14 -1.52	34.84 -0.53 0.00	43.40 0.14 0.00	46.18 0.06 0.00	47.44 0.32 0.00
NGRID_A2_DSASP 323793	49.42 -0.50 0.00	43.51 0.24 0.00	38.53 0.06 0.00	37.70 0.40 0.00	37.83 0.14 0.00	37.11 -0.06 0.00	36.34 -0.07 0.00	37.89 -0.72 0.00	39.90 -0.76 0.00	40.21 0.13 0.00	44.17 0.84 0.00	41.02 0.63 0.00	45.43 1.21 0.00	44.47 0.91 -1.79	59.76 0.26 -28.24	49.33 0.84 -16.00	40.77 0.61 -5.69	42.72 0.15 -10.54	41.09 0.30 -6.28	40.20 -0.14 -1.52	34.84 -0.53 0.00	43.40 0.14 0.00	46.18 0.06 0.00	47.44 0.32 0.00
NGRID_A4_DSASP 323807	49.42 -0.50 0.00	43.51 0.24 0.00	38.53 0.06 0.00	37.70 0.40 0.00	37.83 0.14 0.00	37.11 -0.06 0.00	36.34 -0.07 0.00	37.89 -0.72 0.00	39.90 -0.76 0.00	40.21 0.13 0.00	44.17 0.84 0.00	41.02 0.63 0.00	45.43 1.21 0.00	44.47 0.91 -1.79	59.76 0.26 -28.24	49.33 0.84 -16.00	40.77 0.61 -5.69	42.72 0.15 -10.54	41.09 0.30 -6.28	40.20 -0.14 -1.52	34.84 -0.53 0.00	43.40 0.14 0.00	46.18 0.06 0.00	47.44 0.32 0.00
NIAGARA_115E_LBMP 323715	38.01 -0.51 11.40	26.61 0.09 16.75	27.23 -0.11 11.14	24.47 0.02 12.86	31.61 -0.24 5.83	33.31 -0.44 3.41	31.33 -0.33 4.75	36.12 -0.93 1.57	37.60 -0.93 2.13	38.24 0.00 1.84	44.05 0.72 0.00	40.84 0.44 0.00	45.24 1.03 0.00	44.85 0.97 -2.11	65.02 0.37 -33.39	52.48 1.07 -18.92	42.00 0.80 -6.72	44.85 0.35 -12.46	42.65 0.71 -7.42	40.71 0.09 -1.79	34.72 -0.37 0.29	43.35 0.33 0.24	46.22 0.25 0.14	47.41 0.29 0.00
NIAGARA_115W_LBMP 323714	37.49 -0.59 11.85	26.04 0.18 17.41	26.90 0.00 11.58	24.28 0.34 13.36	31.69 0.06 6.06	33.50 -0.12 3.54	31.41 -0.07 4.93	36.19 -0.79 1.63	37.60 -0.85 2.22	38.19 0.01 1.91	44.08 0.74 0.00	40.93 0.53 0.00	45.32 1.10 0.00	44.36 0.82 -1.77	59.41 0.16 -27.99	49.19 0.85 -15.86	40.65 0.54 -5.63	42.57 0.09 -10.44	41.14 0.40 -6.22	40.09 -0.24 -1.50	34.46 -0.62 0.30	43.03 0.02 0.24	45.92 -0.05 0.15	47.34 0.22 0.00
NIAGARA_230_LBMP 323716	37.89 -0.14 11.90	26.24 0.46 17.48	27.09 0.24 11.63	24.24 0.35 13.42	31.71 0.11 6.09	33.52 -0.08 3.56	31.46 0.01 4.96	36.40 -0.57 1.64	37.89 -0.55 2.23	38.48 0.31 1.91	44.37 1.04 0.00	41.17 0.78 0.00	45.60 1.38 0.00	44.68 1.27 -1.64	57.75 0.63 -25.86	48.48 1.34 -14.65	40.76 1.08 -5.21	42.30 0.61 -9.65	41.20 0.94 -5.75	40.61 0.40 -1.39	34.96 -0.12 0.30	43.61 0.60 0.25	46.48 0.51 0.15	47.62 0.50 0.00
NIAGARA___115KV_198_GIBSON 55903	49.30 -0.62 0.00	43.41 0.15 0.00	38.45 -0.02 0.00	37.65 0.34 0.00	37.76 0.08 0.00	37.06 -0.11 0.00	36.27 -0.14 0.00	37.82 -0.80 0.00	39.82 -0.85 0.00	40.12 0.03 0.00	44.08 0.74 0.00	40.93 0.53 0.00	45.33 1.11 0.00	44.35 0.80 -1.77	59.41 0.16 -27.99	49.09 0.74 -15.86	40.62 0.51 -5.63	42.53 0.05 -10.44	40.93 0.20 -6.22	40.07 -0.26 -1.50	34.76 -0.62 0.00	43.28 0.02 0.00	46.06 -0.06 0.00	47.34 0.22 0.00
NIAGARA____ 23760	38.16 -0.14 11.63	26.74 0.46 16.99	27.42 0.24 11.31	24.68 0.35 12.98	31.91 0.11 5.89	33.64 -0.08 3.45	31.60 0.01 4.82	36.44 -0.57 1.61	37.92 -0.55 2.19	38.51 0.31 1.88	44.37 1.04 0.00	41.17 0.78 0.00	45.60 1.38 0.00	44.89 1.27 -1.84	60.74 0.63 -28.85	50.18 1.34 -16.35	41.29 1.08 -5.73	43.26 0.61 -10.61	41.78 0.94 -6.32	40.75 0.40 -1.53	34.97 -0.12 0.30	43.62 0.60 0.24	46.48 0.51 0.15	47.62 0.50 0.00
NINE_MILE_1 23575	48.49 -1.43 0.00	42.05 -1.21 0.00	37.37 -1.11 0.00	36.22 -1.09 0.00	36.59 -1.10 0.00	36.10 -1.07 0.00	35.47 -0.94 0.00	37.54 -1.07 0.00	39.56 -1.10 0.00	39.05 -1.03 0.00	42.26 -1.07 0.00	39.28 -1.12 0.00	42.93 -1.29 0.00	40.55 -1.23 0.00	30.34 -0.92 0.00	31.67 -0.82 0.00	33.60 -0.87 0.00	31.25 -0.79 0.00	33.69 -0.83 0.00	37.72 -1.11 0.00	34.35 -1.03 0.00	42.20 -1.06 0.00	44.95 -1.17 0.00	45.89 -1.23 0.00

NINE_MILE_2 23744	48.49 -1.43 0.00	42.05 -1.21 0.00	37.37 -1.11 0.00	36.22 -1.09 0.00	36.59 -1.10 0.00	36.10 -1.07 0.00	35.47 -0.94 0.00	37.54 -1.07 0.00	39.56 -1.10 0.00	39.05 -1.03 0.00	42.25 -1.08 0.00	39.28 -1.12 0.00	42.93 -1.29 0.00	40.54 -1.23 0.00	30.34 -0.92 0.00	31.67 -0.82 0.00	33.60 -0.87 0.00	31.25 -0.79 0.00	33.69 -0.83 0.00	37.71 -1.11 0.00	34.35 -1.03 0.00	42.20 -1.06 0.00	44.95 -1.17 0.00	45.89 -1.23 0.00
NM_CAPITAL___DRP 24208	50.21 0.29 0.00	43.77 0.50 0.00	38.93 0.45 0.00	37.92 0.62 0.00	38.27 0.59 0.00	38.01 0.85 0.00	37.33 0.92 0.00	39.76 1.14 0.00	41.82 1.16 0.00	40.92 0.84 0.00	43.79 0.46 0.00	41.10 0.70 0.00	44.82 0.60 0.00	42.36 0.58 0.00	31.67 0.40 0.00	33.04 0.54 0.00	34.87 0.39 0.00	32.33 0.29 0.00	34.86 0.34 0.00	38.78 -0.05 0.00	35.63 0.24 0.00	43.26 0.00 0.00	46.37 0.25 0.00	47.29 0.17 0.00
NM_CENTRAL___DRP 24181	49.58 -0.34 0.00	42.94 -0.32 0.00	38.15 -0.33 0.00	36.94 -0.36 0.00	37.33 -0.35 0.00	36.87 -0.30 0.00	36.26 -0.15 0.00	38.41 -0.21 0.00	40.49 -0.17 0.00	40.01 -0.07 0.00	43.34 0.01 0.00	40.25 -0.15 0.00	43.96 -0.26 0.00	41.51 -0.27 0.00	31.10 -0.17 0.00	32.51 0.02 0.00	34.53 0.06 0.00	32.14 0.11 0.00	34.64 0.12 0.00	38.73 -0.10 0.00	35.23 -0.15 0.00	43.24 -0.02 0.00	46.05 -0.06 0.00	46.94 -0.18 0.00
NM_FRONTIER___DRP 24179	49.30 -0.62 0.00	43.41 0.15 0.00	38.45 -0.02 0.00	37.65 0.34 0.00	37.76 0.08 0.00	37.06 -0.11 0.00	36.27 -0.14 0.00	37.82 -0.80 0.00	39.82 -0.85 0.00	40.12 0.03 0.00	44.08 0.74 0.00	40.93 0.53 0.00	45.33 1.11 0.00	44.35 0.80 -1.77	59.41 0.16 -27.99	49.09 0.74 -15.86	40.62 0.51 -5.63	42.53 0.05 -10.44	40.93 0.20 -6.22	40.07 -0.26 -1.50	34.76 -0.62 0.00	43.28 0.02 0.00	46.06 -0.06 0.00	47.34 0.22 0.00
NM_ST_REGIS___HYD 24053	50.79 0.87 0.00	44.15 0.89 0.00	39.29 0.81 0.00	38.10 0.80 0.00	38.49 0.80 0.00	37.90 0.73 0.00	37.13 0.72 0.00	39.35 0.73 0.00	41.36 0.69 0.00	40.71 0.63 0.00	43.87 0.54 0.00	40.85 0.45 0.00	44.40 0.18 0.00	42.02 0.24 0.00	31.54 0.28 0.00	32.68 0.19 0.00	34.84 0.37 0.00	32.44 0.40 0.00	34.93 0.42 0.00	39.59 0.76 0.00	36.02 0.64 0.00	43.63 0.37 0.00	46.50 0.38 0.00	47.91 0.79 0.00
NORTHPORT___1 23551	51.08 1.16 0.00	44.04 0.78 0.00	38.90 0.42 0.00	37.78 0.47 0.00	38.40 0.71 0.00	37.99 0.82 0.00	37.87 1.46 0.00	40.50 1.88 0.00	42.74 2.07 0.00	42.01 1.93 0.00	45.93 2.61 0.00	43.06 2.66 0.00	47.71 3.50 0.00	44.99 3.21 0.00	33.33 2.07 0.00	34.21 1.72 0.00	36.33 1.86 0.00	34.15 1.61 -0.51	36.16 1.64 0.00	40.16 1.33 0.00	36.14 0.76 0.00	44.56 1.30 0.00	48.04 1.92 0.00	48.38 1.26 0.00
NORTHPORT___2 23552	51.08 1.16 0.00	44.04 0.78 0.00	38.90 0.42 0.00	37.78 0.47 0.00	38.40 0.71 0.00	37.99 0.82 0.00	37.87 1.46 0.00	40.50 1.88 0.00	42.74 2.07 0.00	42.01 1.93 0.00	45.93 2.61 0.00	43.06 2.66 0.00	47.71 3.50 0.00	44.99 3.21 0.00	33.33 2.07 0.00	34.21 1.72 0.00	36.33 1.86 0.00	34.15 1.61 -0.51	36.16 1.64 0.00	40.16 1.33 0.00	36.14 0.76 0.00	44.56 1.30 0.00	48.04 1.92 0.00	48.38 1.26 0.00
NORTHPORT___3 23553	51.06 1.14 0.00	44.02 0.76 0.00	38.89 0.41 0.00	37.77 0.46 0.00	38.39 0.70 0.00	37.98 0.81 0.00	37.86 1.45 0.00	40.50 1.88 0.00	42.73 2.06 0.00	42.01 1.93 0.00	45.94 2.61 0.00	43.06 2.67 0.00	47.72 3.51 0.00	44.99 3.21 0.00	33.31 2.05 0.00	34.18 1.69 0.00	36.30 1.82 0.00	34.11 1.57 -0.51	36.11 1.60 0.00	40.10 1.27 0.00	36.11 0.73 0.00	44.52 1.26 0.00	48.03 1.91 0.00	48.37 1.25 0.00
NORTHPORT___4 23650	51.06 1.14 0.00	44.02 0.76 0.00	38.89 0.41 0.00	37.77 0.46 0.00	38.39 0.70 0.00	37.98 0.81 0.00	37.86 1.45 0.00	40.50 1.88 0.00	42.73 2.06 0.00	42.01 1.93 0.00	45.94 2.61 0.00	43.06 2.67 0.00	47.72 3.51 0.00	44.99 3.21 0.00	33.31 2.05 0.00	34.18 1.69 0.00	36.30 1.82 0.00	34.11 1.57 -0.51	36.11 1.60 0.00	40.10 1.27 0.00	36.11 0.73 0.00	44.52 1.26 0.00	48.03 1.91 0.00	48.37 1.25 0.00
NORTHPORT___IC 23718	51.09 1.17 0.00	44.04 0.78 0.00	38.90 0.43 0.00	37.78 0.48 0.00	38.40 0.71 0.00	38.00 0.83 0.00	37.89 1.48 0.00	40.51 1.89 0.00	42.74 2.07 0.00	42.01 1.92 0.00	45.93 2.61 0.00	43.06 2.66 0.00	47.71 3.49 0.00	44.99 3.21 0.00	33.33 2.07 0.00	34.22 1.73 0.00	36.33 1.86 0.00	34.16 1.62 -0.51	36.17 1.66 0.00	40.16 1.33 0.00	36.14 0.76 0.00	44.56 1.30 0.00	48.04 1.92 0.00	48.38 1.26 0.00
NORTH___COUNTRY_ESR 323785	50.09 0.17 0.00	43.54 0.28 0.00	38.71 0.23 0.00	37.49 0.19 0.00	37.86 0.17 0.00	37.27 0.10 0.00	36.43 0.02 0.00	38.60 -0.02 0.00	40.59 -0.08 0.00	39.96 -0.12 0.00	43.03 -0.30 0.00	40.14 -0.26 0.00	43.79 -0.42 0.00	41.39 -0.39 0.00	31.03 -0.23 0.00	32.07 -0.43 0.00	34.06 -0.42 0.00	31.65 -0.38 0.00	34.04 -0.48 0.00	38.57 -0.26 0.00	35.11 -0.27 0.00	42.68 -0.58 0.00	45.55 -0.57 0.00	47.13 0.01 0.00
NPX_GEN_1385_PROXY 323591	51.06 1.13 0.00	43.93 0.67 0.00	38.81 0.33 0.00	37.79 0.48 0.00	38.67 0.98 0.00	38.00 0.83 0.00	37.96 1.55 0.00	40.51 1.90 0.00	43.03 2.37 0.00	42.00 1.92 0.00	45.72 2.46 0.07	41.59 2.09 0.90	47.04 2.82 0.00	44.34 2.56 0.00	32.95 1.69 0.00	34.08 1.59 0.00	36.37 1.90 0.00	34.50 1.95 -0.51	34.74 1.81 1.58	43.09 1.56 -2.70	36.12 0.74 0.00	44.51 1.26 0.00	47.97 1.85 0.00	48.31 1.19 0.00
NPX_GEN_CSC 323557	51.55 1.62 0.00	44.34 1.07 0.00	39.14 0.66 0.00	38.16 0.86 0.00	38.78 1.10 0.00	38.14 0.98 0.00	38.05 1.64 0.00	40.85 2.24 0.00	43.24 2.57 0.00	42.42 2.34 0.00	45.98 2.73 0.07	42.21 2.71 0.90	47.73 3.52 0.00	45.35 3.57 0.00	34.06 2.80 0.00	35.05 2.56 0.00	37.28 2.81 0.00	34.82 2.27 -0.51	35.47 2.53 1.58	43.97 2.44 -2.70	37.14 1.76 0.00	45.27 2.01 0.00	48.54 2.42 0.00	48.87 1.75 0.00
NSINS_S_GLNS_FALLS 23858	52.16 2.24 0.00	45.13 1.87 0.00	40.15 1.67 0.00	39.08 1.78 0.00	39.48 1.80 0.00	39.21 2.04 0.00	38.59 2.19 0.00	41.09 2.47 0.00	43.29 2.62 0.00	42.20 2.12 0.00	44.97 1.64 0.00	42.03 1.63 0.00	45.85 1.63 0.00	43.25 1.47 0.00	32.22 0.95 0.00	33.48 0.99 0.00	35.72 1.25 0.00	33.45 1.41 0.00	36.29 1.78 0.00	40.59 1.76 0.00	37.21 1.83 0.00	45.19 1.93 0.00	48.16 2.04 0.00	49.15 2.03 0.00
NUCOR_STEEL___DRP 24197	50.49 0.57 0.00	43.59 0.32 0.00	38.80 0.32 0.00	37.61 0.31 0.00	38.02 0.34 0.00	37.51 0.34 0.00	36.88 0.47 0.00	38.91 0.30 0.00	41.01 0.34 0.00	40.59 0.51 0.00	44.02 0.69 0.00	40.72 0.33 0.00	44.35 0.13 0.00	41.90 0.13 0.00	31.38 0.11 0.00	32.96 0.47 0.00	34.96 0.49 0.00	32.65 0.61 0.00	35.24 0.72 0.00	39.58 0.75 0.00	35.82 0.44 0.00	43.90 0.64 0.00	46.89 0.77 0.00	47.78 0.66 0.00

NUMBER_THREE_WT_PWR 323818	51.72 1.80 0.00	44.56 1.30 0.00	39.51 1.03 0.00	38.24 0.93 0.00	38.63 0.94 0.00	38.17 1.00 0.00	37.69 1.28 0.00	39.83 1.22 0.00	42.14 1.48 0.00	41.66 1.58 0.00	44.44 1.11 0.00	41.10 0.71 0.00	44.16 -0.06 0.00	41.35 -0.42 0.00	31.30 0.03 0.00	32.17 -0.33 0.00	34.91 0.43 0.00	32.71 0.67 0.00	35.20 0.69 0.00	39.74 0.91 0.00	35.53 0.15 0.00	43.55 0.29 0.00	45.89 -0.23 0.00	47.70 0.58 0.00
NYISO_LBMP_REFERENCE 24008	49.92 0.00 0.00	43.26 0.00 0.00	38.48 0.00 0.00	37.30 0.00 0.00	37.68 0.00 0.00	37.17 0.00 0.00	36.41 0.00 0.00	38.62 0.00 0.00	40.67 0.00 0.00	40.08 0.00 0.00	43.33 0.00 0.00	40.39 0.00 0.00	44.22 0.00 0.00	41.78 0.00 0.00	31.26 0.00 0.00	32.49 0.00 0.00	34.47 0.00 0.00	32.04 0.00 0.00	34.51 0.00 0.00	38.83 0.00 0.00	35.38 0.00 0.00	43.26 0.00 0.00	46.12 0.00 0.00	47.12 0.00 0.00
NYPA_BRENTWD____GT 24164	51.93 2.00 0.00	44.68 1.41 0.00	39.47 0.99 0.00	38.31 1.01 0.00	38.92 1.24 0.00	38.54 1.37 0.00	38.41 2.00 0.00	41.00 2.38 0.00	43.27 2.61 0.00	42.57 2.49 0.00	46.44 3.11 0.00	43.59 3.19 0.00	48.32 4.10 0.00	45.60 3.82 0.00	33.90 2.64 0.00	34.92 2.43 0.00	37.10 2.62 0.00	34.89 2.35 -0.51	36.98 2.46 0.00	41.08 2.26 0.00	36.99 1.61 0.00	45.46 2.20 0.00	48.88 2.76 0.00	49.17 2.05 0.00
NYPA_GOWANUS____GT5 24156	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NYPA_GOWANUS____GT6 24157	51.51 1.59 0.00	44.28 1.02 0.00	39.28 0.80 0.00	38.04 0.73 0.00	38.54 0.85 0.00	38.38 1.22 0.00	38.08 1.67 0.00	40.61 2.00 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.64 3.42 0.00	45.05 3.28 0.00	33.64 2.38 0.00	34.69 2.20 0.00	36.67 2.19 0.00	33.94 1.90 0.00	36.41 1.90 0.00	40.51 1.68 0.00	36.68 1.30 0.00	44.82 1.55 0.00	48.07 1.96 0.00	48.55 1.43 0.00
NYPA_HARLEM__RVR__GT1 24160	51.28 1.36 0.00	44.08 0.81 0.00	39.14 0.66 0.00	37.90 0.60 0.00	38.39 0.70 0.00	38.24 1.07 0.00	37.94 1.53 0.00	40.48 1.86 0.00	42.60 1.93 0.00	42.00 1.92 0.00	45.66 2.33 0.00	42.97 2.57 0.00	47.38 3.17 0.00	44.80 3.02 0.00	33.49 2.23 0.00	34.48 1.99 0.00	36.42 1.94 0.00	33.72 1.68 0.00	36.19 1.67 0.00	40.28 1.45 0.00	36.48 1.10 0.01	44.58 1.32 0.00	47.83 1.71 0.00	48.29 1.17 0.00
NYPA_HARLEM__RVR__GT2 24161	51.28 1.36 0.00	44.08 0.81 0.00	39.14 0.66 0.00	37.90 0.60 0.00	38.39 0.70 0.00	38.24 1.07 0.00	37.94 1.53 0.00	40.48 1.86 0.00	42.60 1.93 0.00	42.00 1.92 0.00	45.66 2.33 0.00	42.97 2.57 0.00	47.38 3.17 0.00	44.80 3.02 0.00	33.49 2.23 0.00	34.48 1.99 0.00	36.42 1.94 0.00	33.72 1.68 0.00	36.19 1.67 0.00	40.28 1.45 0.00	36.48 1.10 0.01	44.58 1.32 0.00	47.83 1.71 0.00	48.29 1.17 0.00
NYPA_KENT____GT 24152	51.46 1.54 0.00	44.24 0.98 0.00	39.25 0.78 0.00	38.01 0.71 0.00	38.50 0.81 0.00	38.35 1.18 0.00	38.05 1.64 0.00	40.60 1.99 0.00	42.75 2.09 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.14 2.75 0.00	47.63 3.42 0.00	45.03 3.26 0.00	33.63 2.37 0.00	34.68 2.19 0.00	36.64 2.17 0.00	33.93 1.89 0.00	36.39 1.88 0.00	40.47 1.64 0.00	36.66 1.28 0.00	44.77 1.51 0.00	48.04 1.92 0.00	48.50 1.38 0.00
NYPA_POUCH1____GT 24155	51.37 1.45 0.00	44.18 0.91 0.00	39.19 0.71 0.00	37.95 0.64 0.00	38.45 0.76 0.00	38.30 1.14 0.00	37.99 1.58 0.00	40.50 1.88 0.00	42.60 1.93 0.00	41.97 1.89 0.00	45.65 2.32 0.00	42.95 2.55 0.00	47.45 3.24 0.00	44.87 3.09 0.00	33.50 2.23 0.00	34.53 2.04 0.00	36.53 2.05 0.00	33.80 1.76 0.00	36.25 1.74 0.00	40.35 1.52 0.00	36.55 1.17 0.00	44.65 1.39 0.00	47.91 1.79 0.00	48.40 1.29 0.00
NYPA_VERNON____GT2 24162	51.40 1.48 0.00	44.20 0.94 0.00	39.23 0.75 0.00	37.98 0.68 0.00	38.47 0.78 0.00	38.31 1.15 0.00	38.02 1.60 0.00	40.58 1.96 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.75 0.00	47.63 3.42 0.00	45.02 3.24 0.00	33.62 2.36 0.00	34.68 2.18 0.00	36.63 2.15 0.00	33.92 1.88 0.00	36.37 1.86 0.00	40.45 1.62 0.00	36.63 1.25 0.00	44.74 1.48 0.00	47.99 1.88 0.00	48.45 1.33 0.00
NYPA_VERNON____GT3 24163	51.40 1.48 0.00	44.20 0.94 0.00	39.23 0.75 0.00	37.98 0.68 0.00	38.47 0.78 0.00	38.31 1.15 0.00	38.02 1.60 0.00	40.58 1.96 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.75 0.00	47.63 3.42 0.00	45.02 3.24 0.00	33.62 2.36 0.00	34.68 2.18 0.00	36.63 2.15 0.00	33.92 1.88 0.00	36.37 1.86 0.00	40.45 1.62 0.00	36.63 1.25 0.00	44.74 1.48 0.00	47.99 1.88 0.00	48.45 1.33 0.00
NYPA__ASTORIA_CC1 323568	51.33 1.41 0.00	44.13 0.87 0.00	39.17 0.69 0.00	37.93 0.63 0.00	38.43 0.74 0.00	38.27 1.11 0.00	37.97 1.56 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.77 2.44 0.00	43.09 2.70 0.00	47.56 3.34 0.00	44.95 3.18 0.00	33.58 2.32 0.00	34.61 2.12 0.00	36.56 2.09 0.00	33.86 1.82 0.00	36.32 1.80 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.38 1.26 0.00
NYPA__ASTORIA_CC2 323569	51.33 1.41 0.00	44.13 0.87 0.00	39.17 0.69 0.00	37.93 0.63 0.00	38.43 0.74 0.00	38.27 1.11 0.00	37.97 1.56 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.10 2.02 0.00	45.77 2.44 0.00	43.09 2.70 0.00	47.56 3.34 0.00	44.95 3.18 0.00	33.58 2.32 0.00	34.61 2.12 0.00	36.56 2.09 0.00	33.86 1.82 0.00	36.32 1.80 0.00	40.38 1.55 0.00	36.57 1.19 0.00	44.67 1.41 0.00	47.92 1.80 0.00	48.38 1.26 0.00
NYPA__HOLTSVILL 23794	51.58 1.66 0.00	44.37 1.11 0.00	39.19 0.72 0.00	38.09 0.79 0.00	38.70 1.02 0.00	38.25 1.08 0.00	38.14 1.73 0.00	40.85 2.23 0.00	43.15 2.48 0.00	42.40 2.32 0.00	46.21 2.88 0.00	43.33 2.93 0.00	48.05 3.83 0.00	45.43 3.65 0.00	33.84 2.58 0.00	34.81 2.32 0.00	36.97 2.49 0.00	34.67 2.12 -0.51	36.74 2.23 0.00	40.85 2.03 0.00	36.79 1.41 0.00	45.15 1.88 0.00	48.51 2.39 0.00	48.81 1.69 0.00
NYPA__HELLGATE_GT1 24158	51.28 1.36 0.00	44.08 0.81 0.00	39.14 0.66 0.00	37.90 0.60 0.00	38.39 0.70 0.00	38.24 1.07 0.00	37.94 1.53 0.00	40.48 1.86 0.00	42.60 1.93 0.00	42.00 1.92 0.00	45.66 2.33 0.00	42.97 2.57 0.00	47.38 3.17 0.00	44.80 3.02 0.00	33.49 2.23 0.00	34.48 1.99 0.00	36.42 1.94 0.00	33.72 1.68 0.00	36.19 1.67 0.00	40.28 1.45 0.00	36.48 1.10 0.00	44.58 1.32 0.00	47.83 1.71 0.00	48.29 1.17 0.00

NYPY____HELLGATE_GT2 24159	51.28	44.08	39.14	37.90	38.39	38.24	37.94	40.48	42.60	42.00	45.66	42.97	47.38	44.80	33.49	34.48	36.42	33.72	36.19	40.28	36.48	44.58	47.83	48.29
	1.36	0.81	0.66	0.60	0.70	1.07	1.53	1.86	1.93	1.92	2.33	2.57	3.17	3.02	2.23	1.99	1.94	1.68	1.67	1.45	1.10	1.32	1.71	1.17
	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
NYS_BARGE____HYD 23848	39.60	28.51	28.63	25.95	32.60	34.12	32.25	36.87	38.44	39.03	44.70	41.37	45.86	46.03	73.19	57.35	44.15	48.30	45.02	41.82	35.30	44.02	46.91	48.05
	0.23	0.75	0.46	0.55	0.31	0.11	0.24	-0.29	-0.25	0.64	1.37	0.98	1.65	1.66	0.88	1.60	1.41	0.94	1.38	0.79	0.19	0.98	0.93	0.93
	10.55	15.50	10.31	11.90	5.40	3.16	4.39	1.45	1.97	1.70	0.00	0.00	0.00	-2.60	-41.05	-23.26	-8.26	-15.32	-9.12	-2.21	0.27	0.22	0.13	0.00
OAK ORCHARD____HYD 24046	44.93	35.64	33.49	31.42	35.32	35.99	34.72	38.38	40.29	40.39	45.03	41.71	46.12	49.50	122.02	85.01	54.38	67.02	56.35	45.28	36.15	44.66	47.44	48.38
	0.94	1.08	0.81	0.80	0.67	0.60	0.78	0.57	0.73	1.26	1.70	1.32	1.90	2.07	1.37	1.87	1.92	1.63	1.97	1.66	0.93	1.53	1.39	1.26
	5.93	8.71	5.79	6.69	3.03	1.77	2.47	0.82	1.11	0.95	0.00	0.00	0.00	-5.65	-89.39	-50.64	-17.99	-33.35	-19.86	-4.80	0.15	0.12	0.07	0.00
OAKDALE____35_KV_LOAD 356122	50.23	43.35	38.54	37.27	37.75	37.29	36.72	38.91	41.01	40.56	44.16	41.07	45.08	42.60	31.85	33.40	35.33	32.88	35.37	39.45	35.82	43.86	46.75	47.50
	0.31	0.09	0.07	-0.03	0.06	0.13	0.31	0.29	0.35	0.48	0.83	0.67	0.86	0.82	0.58	0.91	0.86	0.84	0.86	0.62	0.43	0.60	0.63	0.37
	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
OCC_CHEM____DRP 24175	49.42	43.51	38.53	37.70	37.83	37.11	36.34	37.89	39.90	40.21	44.17	41.02	45.43	44.47	59.76	49.33	40.77	42.72	41.09	40.20	34.84	43.40	46.18	47.44
	-0.50	0.24	0.06	0.40	0.14	-0.06	-0.07	-0.72	-0.76	0.13	0.84	0.63	1.21	0.91	0.26	0.84	0.61	0.15	0.30	-0.14	-0.53	0.14	0.06	0.32
	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	-1.79	-28.24	-16.00	-5.69	-10.54	-6.28	-1.52	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	36.91	24.75	26.11	23.08	31.18	33.22	31.05	36.31	37.76	38.37	44.36	40.33	45.65	44.65	56.41	47.74	40.55	41.85	39.38	43.33	35.01	43.65	46.52	47.65
	-0.12	0.43	0.23	0.33	0.09	-0.09	0.01	-0.52	-0.49	0.37	1.10	0.83	1.44	1.32	0.69	1.39	1.15	0.68	1.00	0.49	-0.04	0.65	0.57	0.53
	12.90	18.95	12.60	14.54	6.60	3.86	5.37	1.78	2.42	2.08	0.07	0.90	0.00	-1.55	-24.47	-13.86	-4.93	-9.13	-3.86	-4.02	0.33	0.27	0.16	0.00
OLIN_CORP_DRP 24177	49.53	43.44	38.46	37.41	37.55	36.81	36.09	37.77	39.83	40.18	44.14	40.92	45.35	44.87	63.93	51.79	41.82	44.45	42.27	40.71	35.09	43.68	46.44	47.50
	-0.39	0.17	-0.02	0.11	-0.14	-0.36	-0.32	-0.84	-0.84	0.10	0.81	0.53	1.13	1.06	0.44	1.04	0.86	0.39	0.59	0.15	-0.29	0.42	0.32	0.39
	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	-2.04	-32.23	-18.26	-6.49	-12.02	-7.16	-1.73	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	49.42	43.51	38.53	37.70	37.83	37.11	36.34	37.89	39.90	40.21	44.17	41.02	45.43	44.47	59.76	49.33	40.77	42.72	41.09	40.20	34.84	43.40	46.18	47.44
	-0.50	0.24	0.06	0.40	0.14	-0.06	-0.07	-0.72	-0.76	0.13	0.84	0.63	1.21	0.91	0.26	0.84	0.61	0.15	0.30	-0.14	-0.53	0.14	0.06	0.32
	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	-1.79	-28.24	-16.00	-5.69	-10.54	-6.28	-1.52	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	51.31	44.31	39.35	38.12	38.51	38.08	37.50	39.74	41.95	41.42	44.56	41.40	44.97	42.04	31.59	32.79	35.20	32.90	35.51	39.94	36.08	44.11	46.74	48.00
	1.39	1.05	0.88	0.81	0.83	0.91	1.09	1.12	1.29	1.33	1.24	1.00	0.75	0.26	0.33	0.30	0.73	0.86	1.00	1.11	0.70	0.85	0.62	0.88
	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
ONEIDA____115KV_TB4 55905	51.27	44.33	39.36	38.13	38.55	38.14	37.52	39.80	41.99	41.46	44.88	41.73	45.50	42.42	31.76	33.20	35.51	33.14	35.86	40.26	36.51	44.63	47.37	48.30
	1.34	1.07	0.89	0.82	0.87	0.97	1.11	1.19	1.32	1.38	1.55	1.33	1.29	0.64	0.50	0.71	1.04	1.11	1.35	1.43	1.13	1.37	1.25	1.18
	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
ONONDAGA_REF_OCCRA 23987	49.86	43.15	38.34	37.12	37.51	37.10	36.51	38.68	40.80	40.31	43.69	40.53	44.20	41.72	31.22	32.68	34.72	32.40	34.92	39.06	35.52	43.58	46.38	47.24
	-0.07	-0.12	-0.14	-0.18	-0.18	-0.07	0.10	0.06	0.13	0.22	0.36	0.14	-0.02	-0.06	-0.04	0.19	0.24	0.36	0.40	0.23	0.14	0.32	0.26	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
ONONDAGA____COGEN 23986	49.83	43.13	38.32	37.10	37.49	37.01	36.41	38.54	40.64	40.14	43.48	40.33	43.97	41.51	31.08	32.53	34.56	32.25	34.76	38.92	35.38	43.45	46.25	47.13
	-0.09	-0.14	-0.16	-0.20	-0.20	-0.15	0.00	-0.07	-0.03	0.06	0.15	-0.06	-0.25	-0.27	-0.18	0.04	0.09	0.21	0.24	0.09	0.01	0.19	0.13	0.02
	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
ONTARIO____LFGE 23819	51.30	44.37	39.35	38.01	38.41	37.91	37.34	39.45	41.65	41.48	45.29	41.32	45.45	40.88	-4.20	13.58	28.93	20.13	28.56	38.81	36.79	44.83	47.51	48.22
	1.38	1.11	0.87	0.71	0.73	0.74	0.93	0.83	0.98	1.40	1.96	0.93	1.24	1.41	1.01	1.75	1.80	1.70	2.16	1.94	1.41	1.57	1.40	1.10
	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	2.31	36.47	20.67	7.34	13.61	8.11	1.96	0.00	0.00	0.00	0.00
ORANGEVILLE_WT_PWR 323706	45.41	36.37	33.89	31.78	35.27	35.63	34.33	37.48	39.16	39.73	44.70	40.95	45.44	44.83	55.24	47.14	40.67	42.03	41.42	40.91	35.86	44.55	47.21	47.99
	0.84	0.97	0.64	0.51	0.33	0.06	0.15	-0.40	-0.50	0.51	1.37	0.55	1.23	1.59	0.80	1.52	1.53	1.34	1.76	0.84	0.62	1.40	1.17	0.87
	5.35	7.86	5.23	6.04	2.74	1.60	2.23	0.74	1.00	0.86	0.00	0.00	0.00	-1.47	-23.18	-13.13	-4.67	-8.65	-5.15	-1.25	0.14	0.11	0.07	0.00
ORANGEVILLE____ESR 323794	45.41	36.37	33.89	31.78	35.27	35.63	34.33	37.48	39.16	39.73	44.70	40.95	45.44	44.83	55.24	47.14	40.67	42.03	41.42	40.91	35.86	44.55	47.21	47.99
	0.84	0.97	0.64	0.51	0.33	0.06	0.15	-0.40	-0.50	0.51	1.37	0.55	1.23	1.59	0.80	1.52	1.53	1.34	1.76	0.84	0.62	1.40	1.17	0.87
	5.35	7.86	5.23	6.04	2.74	1.60	2.23	0.74	1.00	0.86	0.00	0.00	0.00	-1.47	-23.18	-13.13	-4.67	-8.65	-5.15	-1.25	0.14	0.11	0.07	0.00

OSWEGATCHIE___HYD 24044	51.01 1.08 0.00	44.20 0.94 0.00	39.28 0.80 0.00	38.08 0.77 0.00	38.44 0.76 0.00	37.87 0.70 0.00	37.20 0.78 0.00	39.33 0.71 0.00	41.48 0.82 0.00	40.88 0.80 0.00	43.73 0.40 0.00	40.56 0.17 0.00	43.68 -0.54 0.00	41.25 -0.52 0.00	30.89 -0.37 0.00	31.66 -0.83 0.00	34.03 -0.44 0.00	31.78 -0.26 0.00	34.22 -0.29 0.00	38.92 0.09 0.00	35.29 -0.09 0.00	43.20 -0.06 0.00	45.98 -0.14 0.00	47.69 0.57 0.00
OSWEGO___5 23606	48.91 -1.01 0.00	42.39 -0.87 0.00	37.68 -0.80 0.00	36.51 -0.80 0.00	36.88 -0.80 0.00	36.39 -0.78 0.00	35.74 -0.67 0.00	37.83 -0.78 0.00	39.86 -0.80 0.00	39.34 -0.75 0.00	42.54 -0.79 0.00	39.50 -0.89 0.00	43.13 -1.09 0.00	40.72 -1.06 0.00	30.47 -0.79 0.00	31.81 -0.69 0.00	33.76 -0.72 0.00	31.41 -0.63 0.00	33.86 -0.65 0.00	37.91 -0.92 0.00	34.57 -0.81 0.00	42.58 -0.69 0.00	45.34 -0.78 0.00	46.27 -0.85 0.00
OSWEGO___6 23613	48.91 -1.01 0.00	42.39 -0.87 0.00	37.68 -0.80 0.00	36.51 -0.80 0.00	36.88 -0.80 0.00	36.39 -0.78 0.00	35.74 -0.67 0.00	37.83 -0.78 0.00	39.86 -0.80 0.00	39.34 -0.75 0.00	42.54 -0.79 0.00	39.50 -0.89 0.00	43.13 -1.09 0.00	40.72 -1.06 0.00	30.47 -0.79 0.00	31.81 -0.69 0.00	33.76 -0.72 0.00	31.41 -0.63 0.00	33.86 -0.65 0.00	37.91 -0.92 0.00	34.57 -0.81 0.00	42.58 -0.69 0.00	45.34 -0.78 0.00	46.27 -0.85 0.00
OUTOKUMPU-AB___DRP 24206	50.64 0.71 0.00	44.39 1.12 0.00	39.26 0.78 0.00	38.25 0.95 0.00	38.39 0.71 0.00	37.67 0.51 0.00	36.95 0.54 0.00	38.66 0.04 0.00	40.78 0.11 0.00	41.11 1.03 0.00	45.15 1.82 0.00	41.87 1.48 0.00	46.46 2.24 0.00	45.84 2.03 -2.03	64.44 1.14 -32.04	52.44 1.79 -18.15	42.58 1.65 -6.45	45.13 1.14 -11.95	43.04 1.41 -7.12	41.53 0.98 -1.72	35.79 0.40 0.00	44.60 1.34 0.00	47.46 1.35 0.00	48.50 1.38 0.00
OXBOW___BTM 323836	38.26 0.10 11.76	26.68 0.69 17.27	27.40 0.42 11.49	24.69 0.65 13.26	32.05 0.38 6.02	33.85 0.20 3.52	31.80 0.29 4.90	36.64 -0.35 1.62	38.12 -0.34 2.20	38.73 0.54 1.89	44.65 1.32 0.00	41.45 1.05 0.00	45.94 1.73 0.00	45.17 1.48 -1.91	62.13 0.71 -30.16	51.03 1.45 -17.09	41.74 1.19 -6.07	44.00 0.70 -11.25	42.30 1.09 -6.70	40.89 0.45 -1.62	35.02 -0.06 0.30	43.75 0.73 0.24	46.68 0.71 0.15	47.95 0.83 0.00
OXBOW___ 24026	50.01 0.09 0.00	43.93 0.66 0.00	38.87 0.39 0.00	37.96 0.65 0.00	38.08 0.39 0.00	37.37 0.20 0.00	36.63 0.22 0.00	38.26 -0.36 0.00	40.33 -0.33 0.00	40.65 0.56 0.00	44.65 1.32 0.00	41.45 1.05 0.00	45.95 1.73 0.00	45.15 1.47 -1.91	62.13 0.71 -30.16	50.91 1.33 -17.09	41.70 1.15 -6.07	43.96 0.67 -11.25	42.10 0.88 -6.70	40.88 0.43 -1.62	35.33 -0.06 0.00	44.00 0.73 0.00	46.81 0.69 0.00	47.95 0.83 0.00
OXY_CHEM_DSASP 323612	49.42 -0.50 0.00	43.51 0.24 0.00	38.53 0.06 0.00	37.70 0.40 0.00	37.83 0.14 0.00	37.11 -0.06 0.00	36.34 -0.07 0.00	37.89 -0.72 0.00	39.90 -0.76 0.00	40.21 0.13 0.00	44.17 0.84 0.00	41.02 0.63 0.00	45.43 1.21 0.00	44.47 0.91 -1.79	59.76 0.26 -28.24	49.33 0.84 -16.00	40.77 0.61 -5.69	42.72 0.15 -10.54	41.09 0.30 -6.28	40.20 -0.14 -1.52	34.84 -0.53 0.00	43.40 0.14 0.00	46.18 0.06 0.00	47.44 0.32 0.00
OZONE_PARK_ESR 323760	52.00 2.08 0.00	44.65 1.39 0.00	39.59 1.12 0.00	38.33 1.03 0.00	38.81 1.13 0.00	38.65 1.48 0.00	38.36 1.95 0.00	40.95 2.33 0.00	43.11 2.45 0.00	42.53 2.45 0.00	46.27 2.93 0.00	43.53 3.14 0.00	48.10 3.88 0.00	45.46 3.68 0.00	33.93 2.67 0.00	35.07 2.58 0.00	37.02 2.54 0.00	34.28 2.25 0.00	36.80 2.28 0.00	40.91 2.08 0.00	37.04 1.66 0.00	45.23 1.97 0.00	48.52 2.40 0.00	49.00 1.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	49.42 -0.50 0.00	43.51 0.24 0.00	38.53 0.06 0.00	37.70 0.40 0.00	37.83 0.14 0.00	37.11 -0.06 0.00	36.34 -0.07 0.00	37.89 -0.72 0.00	39.90 -0.76 0.00	40.21 0.13 0.00	44.17 0.84 0.00	41.02 0.63 0.00	45.43 1.21 0.00	44.47 0.91 -1.79	59.76 0.26 -28.24	49.33 0.84 -16.00	40.77 0.61 -5.69	42.72 0.15 -10.54	41.09 0.30 -6.28	40.20 -0.14 -1.52	34.84 -0.53 0.00	43.40 0.14 0.00	46.18 0.06 0.00	47.44 0.32 0.00
PACKARD___115KV_DUPONT_184 80571	37.61 -0.47 11.84	26.15 0.28 17.40	26.99 0.08 11.57	24.35 0.40 13.35	31.75 0.13 6.06	33.56 -0.06 3.54	31.48 0.00 4.93	36.27 -0.72 1.63	37.68 -0.77 2.22	38.28 0.11 1.90	44.17 0.84 0.00	41.02 0.62 0.00	45.42 1.20 0.00	44.49 0.92 -1.79	59.75 0.25 -28.24	49.44 0.95 -16.00	40.81 0.65 -5.69	42.76 0.19 -10.54	41.30 0.51 -6.28	40.22 -0.12 -1.52	34.54 -0.53 0.30	43.15 0.14 0.24	46.05 0.08 0.15	47.43 0.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	51.40 1.48 0.00	44.19 0.93 0.00	39.25 0.77 0.00	38.00 0.70 0.00	38.48 0.80 0.00	38.33 1.16 0.00	38.02 1.61 0.00	40.55 1.93 0.00	42.68 2.01 0.00	42.06 1.98 0.00	45.74 2.42 0.00	43.04 2.64 0.00	47.47 3.25 0.00	44.89 3.12 0.00	33.55 2.28 0.00	34.56 2.06 0.00	36.54 2.06 0.00	33.84 1.80 0.00	36.34 1.83 0.00	40.43 1.60 0.00	36.62 1.24 0.00	44.73 1.47 0.00	47.94 1.82 0.00	48.41 1.29 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	52.47 2.55 0.00	45.08 1.82 0.00	40.05 1.57 0.00	38.79 1.49 0.00	39.32 1.63 0.00	39.13 1.97 0.00	38.85 2.44 0.00	41.37 2.76 0.00	43.50 2.83 0.00	42.86 2.78 0.00	46.60 3.27 0.00	43.84 3.44 0.00	48.35 4.13 0.00	45.73 3.95 0.00	34.18 2.92 0.00	35.21 2.72 0.00	37.21 2.73 0.00	34.45 2.41 0.00	36.99 2.48 0.00	41.14 2.31 0.00	37.29 1.91 0.00	45.52 2.26 0.00	48.81 2.69 0.00	49.32 2.20 0.00
PATROON___115KV_TB1 80586	50.27 0.35 0.00	43.76 0.50 0.00	38.94 0.46 0.00	37.90 0.60 0.00	38.26 0.58 0.00	38.01 0.84 0.00	37.35 0.94 0.00	39.78 1.16 0.00	41.86 1.19 0.00	40.99 0.91 0.00	43.92 0.59 0.00	41.22 0.83 0.00	44.90 0.69 0.00	42.49 0.71 0.00	31.76 0.50 0.00	33.13 0.64 0.00	35.00 0.53 0.00	32.48 0.44 0.00	34.99 0.47 0.00	38.89 0.06 0.00	35.70 0.32 0.00	43.35 0.09 0.00	46.43 0.31 0.00	47.34 0.22 0.00
PATTRSNVILLE___SOLAR 323815	51.21 1.29 0.00	44.36 1.10 0.00	39.44 0.96 0.00	38.26 0.96 0.00	38.63 0.95 0.00	38.23 1.06 0.00	37.63 1.22 0.00	39.92 1.31 0.00	42.04 1.37 0.00	41.35 1.27 0.00	44.62 1.30 0.00	41.66 1.26 0.00	45.62 1.40 0.00	43.15 1.37 0.00	31.94 0.68 0.00	33.06 0.56 0.00	35.31 0.84 0.00	32.98 0.94 0.00	35.69 1.17 0.00	40.00 1.17 0.00	36.48 1.10 0.00	44.50 1.24 0.00	47.44 1.32 0.00	48.33 1.21 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	50.93 1.01 0.00	44.57 1.31 0.00	39.43 0.95 0.00	38.27 0.97 0.00	38.40 0.71 0.00	37.68 0.51 0.00	36.94 0.53 0.00	38.72 0.10 0.00	40.89 0.23 0.00	41.18 1.10 0.00	45.14 1.81 0.00	41.90 1.50 0.00	46.53 2.32 0.00	45.93 2.36 -1.78	61.12 1.63 -28.22	50.88 2.40 -15.99	42.49 2.33 -5.68	44.38 1.81 -10.53	42.88 2.10 -6.27	42.10 1.76 -1.52	36.49 1.11 0.00	45.32 2.06 0.00	48.00 1.88 0.00	48.83 1.72 0.00

PAWLING_115_KV_BK3_REV_LBMP_H 345028	51.57 1.64 0.00	44.32 1.06 0.00	39.35 0.87 0.00	38.11 0.81 0.00	38.56 0.88 0.00	38.37 1.20 0.00	38.02 1.61 0.00	40.54 1.92 0.00	42.71 2.04 0.00	42.10 2.02 0.00	45.76 2.43 0.00	43.02 2.62 0.00	47.50 3.29 0.00	44.90 3.12 0.00	33.54 2.28 0.00	34.68 2.18 0.00	36.67 2.19 0.00	34.04 2.00 0.00	36.59 2.07 0.00	40.69 1.86 0.00	36.89 1.51 0.00	44.92 1.66 0.00	48.10 1.98 0.00	48.64 1.53 0.00
PEEKSKILL____ 23653	51.06 1.13 0.00	43.86 0.59 0.00	38.91 0.43 0.00	37.69 0.39 0.00	38.16 0.47 0.00	37.97 0.80 0.00	37.59 1.18 0.00	40.08 1.47 0.00	42.18 1.52 0.00	41.62 1.54 0.00	45.28 1.95 0.00	42.60 2.21 0.00	47.06 2.85 0.00	44.45 2.68 0.00	33.20 1.94 0.00	34.32 1.83 0.00	36.31 1.84 0.00	33.64 1.60 0.00	36.14 1.63 0.00	40.19 1.36 0.00	36.41 1.03 0.00	44.35 1.10 0.00	47.62 1.50 0.00	48.17 1.05 0.00
PGE MADISON__WINDPWR 24146	53.67 3.74 0.00	46.31 3.05 0.00	40.96 2.48 0.00	39.59 2.29 0.00	40.18 2.49 0.00	39.87 2.71 0.00	39.26 2.85 0.00	41.35 2.73 0.00	43.54 2.87 0.00	42.93 2.85 0.00	46.71 3.38 0.00	43.64 3.24 0.00	46.00 1.78 0.00	42.98 1.20 0.00	32.11 0.85 0.00	34.41 1.91 0.00	36.81 2.34 0.00	34.74 2.70 0.00	37.11 2.60 0.00	40.77 1.94 0.00	37.48 2.10 0.00	45.37 2.11 0.00	47.61 1.50 0.00	48.39 1.28 0.00
PIERCEFIELD____HYD 23852	50.58 0.66 0.00	44.03 0.77 0.00	39.19 0.72 0.00	38.01 0.71 0.00	38.35 0.67 0.00	37.72 0.56 0.00	36.90 0.49 0.00	39.01 0.40 0.00	41.10 0.43 0.00	40.42 0.33 0.00	43.34 0.01 0.00	40.28 -0.12 0.00	43.57 -0.65 0.00	41.32 -0.46 0.00	30.76 -0.50 0.00	31.49 -1.00 0.00	33.57 -0.91 0.00	31.24 -0.79 0.00	33.67 -0.84 0.00	38.48 -0.35 0.00	35.17 -0.21 0.00	42.97 -0.29 0.00	45.96 -0.16 0.00	47.60 0.48 0.00
PINELAWN_CC_1 323563	51.78 1.85 0.00	44.49 1.23 0.00	39.33 0.85 0.00	38.15 0.85 0.00	38.74 1.06 0.00	38.40 1.23 0.00	38.26 1.85 0.00	40.92 2.30 0.00	43.15 2.48 0.00	42.45 2.37 0.00	46.33 3.00 0.00	43.50 3.11 0.00	48.16 3.94 0.00	45.47 3.69 0.00	33.84 2.58 0.00	34.94 2.45 0.00	37.08 2.61 0.00	34.87 2.32 -0.51	36.95 2.44 0.00	41.00 2.17 0.00	36.89 1.51 0.00	45.28 2.03 0.00	48.61 2.49 0.00	48.94 1.82 0.00
PJM_GEN_HTP_PROXY 323702	51.38 1.46 0.00	44.13 0.87 0.00	39.16 0.69 0.00	37.92 0.61 0.00	38.41 0.72 0.00	38.23 1.07 0.00	37.91 1.50 0.00	40.47 1.85 0.00	42.64 1.98 0.00	42.06 1.98 0.00	45.75 2.42 0.00	43.05 2.65 0.00	47.56 3.35 0.00	44.93 3.16 0.00	33.56 2.29 0.00	34.69 2.20 0.00	33.97 2.14 2.65	33.91 1.87 0.00	34.35 1.88 2.04	41.59 1.63 -1.13	36.63 1.25 0.00	44.69 1.43 0.00	50.79 1.82 -2.86	49.49 1.30 -1.07
PJM_GEN_KEystone 24065	46.23 0.40 4.10	18.54 0.09 24.81	24.10 0.01 14.38	20.65 -0.07 16.59	30.17 0.01 7.52	32.95 0.18 4.40	30.78 0.50 6.12	37.09 0.50 2.03	38.40 0.49 2.75	38.51 0.80 2.37	44.71 1.38 0.00	41.07 1.37 0.69	47.28 2.09 -0.97	43.70 1.92 0.00	32.61 1.35 0.00	34.18 1.69 0.00	45.41 1.55 -9.38	33.34 1.30 0.00	33.87 1.40 2.04	76.85 1.04 -36.99	35.60 0.59 0.37	43.74 0.79 0.30	49.77 0.99 -2.67	48.77 0.58 -1.07
PJM_GEN_NEPTUNE_PROXY 323594	51.26 1.34 0.00	44.06 0.80 0.00	39.00 0.52 0.00	37.83 0.52 0.00	38.38 0.69 0.00	38.09 0.92 0.00	37.85 1.44 0.00	40.46 1.85 0.00	42.63 1.97 0.00	41.97 1.89 0.00	45.83 2.50 0.00	43.04 2.65 0.00	47.66 3.44 0.00	44.97 3.20 0.00	33.52 2.25 0.00	34.58 2.09 0.00	34.04 2.21 2.65	34.63 2.09 -0.51	34.61 2.14 2.04	41.72 1.76 -1.13	36.51 1.13 0.00	44.75 1.49 0.00	50.86 1.89 -2.86	49.46 1.27 -1.07
PJM_GEN_VFT_PROXY 323633	51.20 1.28 0.00	43.98 0.71 0.00	39.01 0.54 0.00	37.78 0.48 0.00	38.30 0.62 0.00	38.15 0.99 0.00	37.81 1.39 0.00	40.31 1.69 0.00	42.42 1.76 0.00	41.88 1.80 0.00	45.54 2.22 0.00	42.90 2.51 0.00	47.43 3.21 0.00	44.81 3.03 0.00	33.52 2.26 0.00	34.61 2.12 0.00	33.93 2.11 2.65	33.88 1.84 0.00	34.32 1.84 2.04	41.57 1.61 -1.13	36.57 1.20 0.00	44.57 1.31 0.00	50.67 1.70 -2.86	49.35 1.16 -1.07
PLATSBURG_115KV_PMLD1 355749	51.30 1.38 0.00	44.48 1.21 0.00	39.59 1.11 0.00	38.40 1.10 0.00	38.85 1.16 0.00	38.27 1.10 0.00	37.44 1.03 0.00	39.71 1.09 0.00	41.53 0.86 0.00	40.48 0.40 0.00	43.46 0.13 0.00	40.59 0.20 0.00	44.20 -0.01 0.00	41.82 0.04 0.00	31.30 0.04 0.00	32.33 -0.16 0.00	34.47 -0.01 0.00	32.02 -0.02 0.00	34.36 -0.15 0.00	38.85 0.02 0.00	35.48 0.10 0.00	43.19 -0.08 0.00	46.18 0.06 0.00	47.99 0.88 0.00
PLEASANTVLY____LBMP 24000	50.81 0.89 0.00	43.73 0.47 0.00	38.85 0.38 0.00	37.65 0.35 0.00	38.09 0.41 0.00	37.88 0.71 0.00	37.50 1.09 0.00	39.96 1.34 0.00	42.08 1.41 0.00	41.46 1.38 0.00	45.02 1.69 0.00	42.31 1.92 0.00	46.67 2.45 0.00	44.08 2.30 0.00	32.95 1.69 0.00	34.07 1.58 0.00	36.04 1.57 0.00	33.44 1.40 0.00	35.92 1.41 0.00	39.95 1.12 0.00	36.26 0.88 0.00	44.18 0.92 0.00	47.35 1.23 0.00	47.94 0.82 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	51.29 1.36 0.00	44.08 0.82 0.00	39.12 0.64 0.00	37.90 0.60 0.00	38.37 0.69 0.00	38.16 1.00 0.00	37.84 1.43 0.00	40.34 1.72 0.00	42.49 1.83 0.00	41.89 1.81 0.00	45.55 2.22 0.00	42.84 2.44 0.00	47.30 3.08 0.00	44.68 2.91 0.00	33.37 2.11 0.00	34.50 2.01 0.00	36.46 1.98 0.00	33.81 1.77 0.00	36.31 1.80 0.00	40.37 1.54 0.00	36.57 1.19 0.00	44.60 1.34 0.00	47.80 1.68 0.00	48.31 1.19 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	51.29 1.36 0.00	44.08 0.82 0.00	39.12 0.64 0.00	37.90 0.60 0.00	38.37 0.69 0.00	38.16 1.00 0.00	37.84 1.43 0.00	40.34 1.72 0.00	42.49 1.83 0.00	41.89 1.81 0.00	45.55 2.22 0.00	42.84 2.44 0.00	47.30 3.08 0.00	44.68 2.91 0.00	33.37 2.11 0.00	34.50 2.01 0.00	36.46 1.98 0.00	33.81 1.77 0.00	36.31 1.80 0.00	40.37 1.54 0.00	36.57 1.19 0.00	44.60 1.34 0.00	47.80 1.68 0.00	48.31 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	51.29 1.36 0.00	44.17 0.90 0.00	39.23 0.75 0.00	38.03 0.72 0.00	38.47 0.79 0.00	38.25 1.08 0.00	37.85 1.44 0.00	40.35 1.74 0.00	42.50 1.84 0.00	41.84 1.76 0.00	45.38 2.05 0.00	42.62 2.23 0.00	46.99 2.77 0.00	44.43 2.65 0.00	33.18 1.91 0.00	34.34 1.85 0.00	36.33 1.85 0.00	33.74 1.70 0.00	36.29 1.77 0.00	40.37 1.54 0.00	36.68 1.30 0.00	44.64 1.38 0.00	47.81 1.69 0.00	48.40 1.28 0.00
POLETTI____ 23519	51.42 1.50 0.00	44.17 0.91 0.00	39.18 0.71 0.00	37.95 0.65 0.00	38.44 0.75 0.00	38.26 1.10 0.00	37.96 1.55 0.00	40.50 1.89 0.00	42.66 2.00 0.00	42.09 2.01 0.00	45.77 2.44 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.96 3.18 0.00	33.53 2.27 0.00	34.61 2.12 0.00	36.54 2.07 0.00	33.85 1.81 0.00	36.33 1.82 0.00	40.37 1.54 0.00	36.56 1.18 0.00	44.67 1.42 0.00	47.97 1.86 0.00	48.45 1.33 0.00

POMONA__ESR 323819	51.18 1.26 0.00	43.95 0.68 0.00	38.99 0.51 0.00	37.76 0.46 0.00	38.22 0.54 0.00	38.03 0.86 0.00	37.65 1.24 0.00	40.15 1.54 0.00	42.25 1.59 0.00	41.71 1.63 0.00	45.38 2.06 0.00	42.72 2.33 0.00	47.21 3.00 0.00	44.58 2.81 0.00	33.28 2.02 0.00	34.43 1.94 0.00	36.42 1.95 0.00	33.73 1.69 0.00	36.23 1.72 0.00	40.30 1.47 0.00	36.49 1.11 0.00	44.43 1.18 0.00	47.66 1.54 0.00	48.19 1.07 0.00
PORT_JEFF_3 23555	51.58 1.65 0.00	44.36 1.10 0.00	39.18 0.70 0.00	38.08 0.77 0.00	38.68 0.99 0.00	38.23 1.07 0.00	38.13 1.72 0.00	40.84 2.22 0.00	43.15 2.49 0.00	42.40 2.32 0.00	46.22 2.89 0.00	43.34 2.95 0.00	48.07 3.86 0.00	45.46 3.68 0.00	33.86 2.60 0.00	34.80 2.30 0.00	36.91 2.44 0.00	34.56 2.02 -0.51	36.62 2.10 0.00	40.76 1.93 0.00	36.78 1.41 0.00	45.16 1.90 0.00	48.52 2.40 0.00	48.81 1.69 0.00
PORT_JEFF_4 23616	51.58 1.65 0.00	44.36 1.10 0.00	39.18 0.70 0.00	38.08 0.77 0.00	38.68 0.99 0.00	38.23 1.07 0.00	38.13 1.72 0.00	40.84 2.22 0.00	43.15 2.49 0.00	42.40 2.32 0.00	46.22 2.89 0.00	43.34 2.95 0.00	48.07 3.86 0.00	45.46 3.68 0.00	33.86 2.60 0.00	34.80 2.30 0.00	36.91 2.44 0.00	34.56 2.02 0.00	36.62 2.10 0.00	40.76 1.93 0.00	36.78 1.41 0.00	45.16 1.90 0.00	48.52 2.40 0.00	48.81 1.69 0.00
PORT_JEFF_IC 23713	51.65 1.73 0.00	44.43 1.17 0.00	39.24 0.76 0.00	38.13 0.83 0.00	38.74 1.05 0.00	38.29 1.12 0.00	38.20 1.79 0.00	40.92 2.30 0.00	43.25 2.58 0.00	42.49 2.41 0.00	46.32 2.98 0.00	43.43 3.03 0.00	48.18 3.96 0.00	45.57 3.79 0.00	33.94 2.68 0.00	34.91 2.41 0.00	37.03 2.56 0.00	34.68 2.13 -0.51	36.76 2.25 0.00	40.90 2.07 0.00	36.90 1.52 0.00	45.27 2.01 0.00	48.62 2.51 0.00	48.90 1.78 0.00
PPL PILGRIM_ST_GT1 24216	51.93 2.00 0.00	44.68 1.41 0.00	39.47 0.99 0.00	38.31 1.01 0.00	38.92 1.24 0.00	38.54 1.37 0.00	38.41 2.00 0.00	41.00 2.38 0.00	43.27 2.61 0.00	42.57 2.49 0.00	46.44 3.11 0.00	43.59 3.19 0.00	48.32 4.10 0.00	45.60 3.82 0.00	33.90 2.64 0.00	34.92 2.43 0.00	37.10 2.62 0.00	34.89 2.35 -0.51	36.98 2.46 0.00	41.08 2.26 0.00	36.99 1.61 0.00	45.46 2.20 0.00	48.88 2.76 0.00	49.17 2.05 0.00
PPL PILGRIM_ST_GT2 24217	51.93 2.00 0.00	44.68 1.41 0.00	39.47 0.99 0.00	38.31 1.01 0.00	38.92 1.24 0.00	38.54 1.37 0.00	38.41 2.00 0.00	41.00 2.38 0.00	43.27 2.61 0.00	42.57 2.49 0.00	46.44 3.11 0.00	43.59 3.19 0.00	48.32 4.10 0.00	45.60 3.82 0.00	33.90 2.64 0.00	34.92 2.43 0.00	37.10 2.62 0.00	34.89 2.35 -0.51	36.98 2.46 0.00	41.08 2.26 0.00	36.99 1.61 0.00	45.46 2.20 0.00	48.88 2.76 0.00	49.17 2.05 0.00
PPL_SHRM_GT3 24213	51.58 1.66 0.00	44.36 1.10 0.00	39.16 0.68 0.00	38.18 0.87 0.00	38.80 1.11 0.00	38.16 0.99 0.00	38.07 1.66 0.00	40.88 2.26 0.00	43.26 2.59 0.00	42.44 2.36 0.00	46.08 2.75 0.00	43.11 2.72 0.00	47.75 3.53 0.00	45.36 3.59 0.00	34.08 2.81 0.00	35.07 2.58 0.00	37.30 2.83 0.00	34.82 2.28 -0.51	37.05 2.53 0.00	41.27 2.45 0.00	37.16 1.77 0.00	45.31 2.05 0.00	48.57 2.45 0.00	48.90 1.78 0.00
PPL_SHRM_GT4 24214	51.58 1.66 0.00	44.36 1.10 0.00	39.16 0.68 0.00	38.18 0.87 0.00	38.80 1.11 0.00	38.16 0.99 0.00	38.07 1.66 0.00	40.88 2.26 0.00	43.26 2.59 0.00	42.44 2.36 0.00	46.08 2.75 0.00	43.11 2.72 0.00	47.75 3.53 0.00	45.36 3.59 0.00	34.08 2.81 0.00	35.07 2.58 0.00	37.30 2.83 0.00	34.82 2.28 -0.51	37.05 2.53 0.00	41.27 2.45 0.00	37.16 1.77 0.00	45.31 2.05 0.00	48.57 2.45 0.00	48.90 1.78 0.00
PROJECT__ORANGE 1 24174	49.60 -0.33 0.00	42.95 -0.31 0.00	38.16 -0.32 0.00	36.96 -0.34 0.00	37.35 -0.34 0.00	36.88 -0.28 0.00	36.27 -0.14 0.00	38.42 -0.19 0.00	40.51 -0.15 0.00	40.02 -0.06 0.00	43.37 0.04 0.00	40.28 -0.11 0.00	43.99 -0.23 0.00	41.55 -0.22 0.00	31.13 -0.14 0.00	32.55 0.06 0.00	34.56 0.09 0.00	32.17 0.14 0.00	34.67 0.15 0.00	38.76 -0.06 0.00	35.25 -0.13 0.00	43.28 0.02 0.00	46.08 -0.04 0.00	46.97 -0.15 0.00
PROJECT__ORANGE 2 24166	49.60 -0.33 0.00	42.95 -0.31 0.00	38.16 -0.32 0.00	36.96 -0.34 0.00	37.35 -0.34 0.00	36.88 -0.28 0.00	36.27 -0.14 0.00	38.42 -0.19 0.00	40.51 -0.15 0.00	40.02 -0.06 0.00	43.37 0.04 0.00	40.28 -0.11 0.00	43.99 -0.23 0.00	41.55 -0.22 0.00	31.13 -0.14 0.00	32.55 0.06 0.00	34.56 0.09 0.00	32.17 0.14 0.00	34.67 0.15 0.00	38.76 -0.06 0.00	35.25 -0.13 0.00	43.28 0.02 0.00	46.08 -0.04 0.00	46.97 -0.15 0.00
PUCKETT__SOLAR 323809	56.78 1.09 -5.77	52.50 0.76 -8.48	44.75 0.63 -5.64	44.33 0.52 -6.51	41.26 0.62 -2.95	39.61 0.72 -1.73	39.75 0.93 -2.40	40.22 0.81 -0.80	42.56 0.81 -1.08	41.94 0.93 -0.93	44.66 1.33 0.00	41.64 1.25 0.00	45.33 1.11 0.00	42.58 0.81 0.00	31.87 0.61 0.00	33.64 1.15 0.00	35.66 1.18 0.00	33.23 1.19 0.00	35.81 1.29 0.00	39.81 0.99 0.00	36.28 0.75 -0.15	44.33 0.95 -0.12	47.23 1.04 -0.07	47.85 0.73 0.00
PYRITES__HYD 24023	51.58 1.66 0.00	44.86 1.60 0.00	39.94 1.47 0.00	38.73 1.43 0.00	39.09 1.41 0.00	38.47 1.30 0.00	37.70 1.29 0.00	39.76 1.14 0.00	41.84 1.18 0.00	41.02 0.93 0.00	43.92 0.59 0.00	40.75 0.36 0.00	44.23 0.02 0.00	42.09 0.32 0.00	31.39 0.13 0.00	32.11 -0.38 0.00	34.51 0.03 0.00	32.21 0.17 0.00	34.70 0.19 0.00	39.70 0.87 0.00	36.24 0.86 0.00	44.15 0.90 0.00	47.11 1.00 0.00	48.61 1.49 0.00
QUAKERRD_115KV_BK1 80622	49.50 -0.42 0.00	43.09 -0.17 0.00	38.21 -0.27 0.00	37.08 -0.23 0.00	37.34 -0.35 0.00	36.79 -0.38 0.00	36.17 -0.24 0.00	38.18 -0.43 0.00	40.31 -0.36 0.00	40.19 0.11 0.00	43.74 0.40 0.00	40.54 0.14 0.00	44.72 0.50 0.00	38.04 0.66 4.39	-37.81 0.34 69.42	-6.11 0.73 39.33	21.30 0.80 13.97	6.71 0.57 25.90	19.80 0.71 15.43	35.53 0.43 3.73	35.27 -0.11 0.00	43.43 0.17 0.00	46.10 -0.01 0.00	46.99 -0.13 0.00
QUENSBRY_115KV_TB8 356137	52.28 2.35 0.00	45.18 1.92 0.00	40.20 1.73 0.00	39.13 1.83 0.00	39.55 1.86 0.00	39.27 2.11 0.00	38.68 2.27 0.00	41.18 2.56 0.00	43.37 2.71 0.00	42.26 2.18 0.00	45.01 1.67 0.00	42.04 1.64 0.00	45.85 1.63 0.00	43.25 1.47 0.00	32.21 0.95 0.00	33.49 1.00 0.00	35.77 1.29 0.00	33.52 1.48 0.00	36.37 1.86 0.00	40.68 1.85 0.00	37.29 1.91 0.00	45.26 2.01 0.00	48.23 2.11 0.00	49.24 2.12 0.00
RAMAPO__LBMP 323565	50.97 1.04 0.00	43.75 0.48 0.00	38.82 0.34 0.00	37.60 0.30 0.00	38.06 0.37 0.00	37.87 0.70 0.00	37.48 1.07 0.00	39.96 1.34 0.00	42.01 1.35 0.00	41.48 1.40 0.00	45.13 1.80 0.00	42.48 2.08 0.00	46.95 2.73 0.00	44.36 2.58 0.00	33.11 1.85 0.00	34.27 1.78 0.00	36.25 1.78 0.00	33.57 1.53 0.00	36.08 1.57 0.00	40.11 1.28 0.00	36.32 0.94 0.00	44.23 0.97 0.00	47.45 1.34 0.00	47.99 0.87 0.00

RANKINE____ 23646	50.96 1.04 0.00	44.57 1.30 0.00	39.44 0.96 0.00	38.28 0.98 0.00	38.45 0.76 0.00	37.70 0.54 0.00	36.99 0.58 0.00	38.75 0.13 0.00	40.86 0.20 0.00	41.24 1.15 0.00	45.32 2.00 0.00	42.01 1.61 0.00	46.61 2.39 0.00	45.86 2.34 -1.74	60.35 1.51 -27.58	50.37 2.26 -15.63	42.19 2.17 -5.55	43.99 1.66 -10.29	42.59 1.94 -6.13	41.84 1.53 -1.48	36.32 0.94 0.00	45.16 1.90 0.00	47.87 1.75 0.00	48.72 1.60 0.00
RAVENSWOOD_GT2_1 24244	51.43 1.51 0.00	44.18 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.96 1.55 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.09 2.01 0.00	45.78 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.98 1.87 0.00	48.46 1.34 0.00
RAVENSWOOD_GT2_2 24245	51.43 1.51 0.00	44.18 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.96 1.55 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.09 2.01 0.00	45.78 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.98 1.87 0.00	48.46 1.34 0.00
RAVENSWOOD_GT2_3 24246	51.45 1.53 0.00	44.21 0.94 0.00	39.21 0.73 0.00	37.98 0.68 0.00	38.47 0.78 0.00	38.29 1.13 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.70 2.03 0.00	42.12 2.04 0.00	45.80 2.47 0.00	43.11 2.72 0.00	47.62 3.40 0.00	44.99 3.21 0.00	33.57 2.31 0.00	34.67 2.17 0.00	36.59 2.12 0.00	33.90 1.86 0.00	36.38 1.87 0.00	40.44 1.61 0.00	36.62 1.24 0.00	44.73 1.47 0.00	48.02 1.91 0.00	48.49 1.37 0.00
RAVENSWOOD_GT2_4 24247	51.45 1.53 0.00	44.21 0.94 0.00	39.21 0.73 0.00	37.98 0.68 0.00	38.47 0.78 0.00	38.29 1.13 0.00	38.00 1.59 0.00	40.54 1.92 0.00	42.70 2.03 0.00	42.12 2.04 0.00	45.80 2.47 0.00	43.11 2.72 0.00	47.62 3.40 0.00	44.99 3.21 0.00	33.57 2.31 0.00	34.67 2.17 0.00	36.59 2.12 0.00	33.90 1.86 0.00	36.38 1.87 0.00	40.44 1.61 0.00	36.62 1.24 0.00	44.73 1.47 0.00	48.02 1.91 0.00	48.49 1.37 0.00
RAVENSWOOD_GT3_1 24248	51.43 1.51 0.00	44.18 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.09 2.01 0.00	45.79 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.46 1.34 0.00
RAVENSWOOD_GT3_2 24249	51.43 1.51 0.00	44.18 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.09 2.01 0.00	45.79 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.46 1.34 0.00
RAVENSWOOD_GT3_3 24250	51.53 1.61 0.00	44.26 0.99 0.00	39.26 0.78 0.00	38.02 0.72 0.00	38.51 0.83 0.00	38.34 1.17 0.00	38.03 1.62 0.00	40.59 1.97 0.00	42.76 2.09 0.00	42.18 2.10 0.00	45.87 2.54 0.00	43.17 2.77 0.00	47.68 3.46 0.00	45.06 3.29 0.00	33.62 2.36 0.00	34.71 2.22 0.00	36.65 2.18 0.00	33.95 1.91 0.00	36.45 1.93 0.00	40.50 1.67 0.00	36.68 1.30 0.00	44.79 1.53 0.00	48.07 1.96 0.00	48.54 1.43 0.00
RAVENSWOOD_GT3_4 24251	51.53 1.61 0.00	44.26 0.99 0.00	39.26 0.78 0.00	38.02 0.72 0.00	38.51 0.83 0.00	38.34 1.17 0.00	38.03 1.62 0.00	40.59 1.97 0.00	42.76 2.09 0.00	42.18 2.10 0.00	45.87 2.54 0.00	43.17 2.77 0.00	47.68 3.46 0.00	45.06 3.29 0.00	33.62 2.36 0.00	34.71 2.22 0.00	36.65 2.18 0.00	33.95 1.91 0.00	36.45 1.93 0.00	40.50 1.67 0.00	36.68 1.30 0.00	44.79 1.53 0.00	48.07 1.96 0.00	48.54 1.43 0.00
RAVENSWOOD_GT_1 23729	51.41 1.49 0.00	44.20 0.94 0.00	39.23 0.75 0.00	37.98 0.68 0.00	38.47 0.78 0.00	38.32 1.15 0.00	38.04 1.62 0.00	40.58 1.97 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.75 0.00	47.63 3.41 0.00	45.02 3.25 0.00	33.62 2.36 0.00	34.68 2.19 0.00	36.64 2.16 0.00	33.92 1.88 0.00	36.39 1.88 0.00	40.45 1.62 0.00	36.63 1.25 0.00	44.74 1.48 0.00	47.99 1.87 0.00	48.44 1.32 0.00
RAVENSWOOD_GT_10 24258	51.44 1.52 0.00	44.19 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.10 2.02 0.00	45.79 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.37 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.47 1.35 0.00
RAVENSWOOD_GT_11 24259	51.44 1.52 0.00	44.19 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.10 2.02 0.00	45.79 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.37 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.47 1.35 0.00
RAVENSWOOD_GT_4 24252	51.40 1.48 0.00	44.17 0.91 0.00	39.20 0.72 0.00	37.96 0.65 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.98 1.57 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.11 2.03 0.00	45.79 2.46 0.00	43.09 2.70 0.00	47.59 3.37 0.00	44.98 3.20 0.00	33.57 2.31 0.00	34.64 2.15 0.00	36.58 2.11 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.59 1.21 0.00	44.70 1.44 0.00	47.98 1.86 0.00	48.43 1.32 0.00
RAVENSWOOD_GT_5 24254	51.40 1.48 0.00	44.17 0.91 0.00	39.20 0.72 0.00	37.96 0.65 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.98 1.57 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.11 2.03 0.00	45.79 2.46 0.00	43.09 2.70 0.00	47.59 3.37 0.00	44.98 3.20 0.00	33.57 2.31 0.00	34.64 2.15 0.00	36.58 2.11 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.59 1.21 0.00	44.70 1.44 0.00	47.98 1.86 0.00	48.43 1.32 0.00
RAVENSWOOD_GT_6 24253	51.40 1.48 0.00	44.17 0.91 0.00	39.20 0.72 0.00	37.96 0.65 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.98 1.57 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.11 2.03 0.00	45.79 2.46 0.00	43.09 2.70 0.00	47.59 3.37 0.00	44.98 3.20 0.00	33.57 2.31 0.00	34.64 2.15 0.00	36.58 2.11 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.59 1.21 0.00	44.70 1.44 0.00	47.98 1.86 0.00	48.43 1.32 0.00

RAVENSWOOD_GT_7 24255	51.40 1.48 0.00	44.17 0.91 0.00	39.20 0.72 0.00	37.96 0.65 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.98 1.57 0.00	40.53 1.91 0.00	42.68 2.02 0.00	42.11 2.03 0.00	45.79 2.46 0.00	43.09 2.70 0.00	47.59 3.37 0.00	44.98 3.20 0.00	33.57 2.31 0.00	34.64 2.15 0.00	36.58 2.11 0.00	33.88 1.84 0.00	36.36 1.85 0.00	40.41 1.58 0.00	36.59 1.21 0.00	44.70 1.44 0.00	47.98 1.86 0.00	48.43 1.32 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	51.44 1.52 0.00	44.19 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.10 2.02 0.00	45.79 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.37 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.47 1.35 0.00
RAVENSWOOD_GT_9 24257	51.44 1.52 0.00	44.19 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.97 1.56 0.00	40.52 1.90 0.00	42.67 2.01 0.00	42.10 2.02 0.00	45.79 2.45 0.00	43.09 2.69 0.00	47.59 3.37 0.00	44.97 3.19 0.00	33.55 2.29 0.00	34.64 2.15 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.37 1.85 0.00	40.41 1.58 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.47 1.35 0.00
RAVENSWOOD___1 23533	51.38 1.46 0.00	44.17 0.91 0.00	39.20 0.72 0.00	37.97 0.66 0.00	38.46 0.78 0.00	38.30 1.13 0.00	38.00 1.59 0.00	40.57 1.95 0.00	42.72 2.06 0.00	42.15 2.07 0.00	45.82 2.49 0.00	43.14 2.74 0.00	47.62 3.40 0.00	45.01 3.23 0.00	33.61 2.35 0.00	34.66 2.17 0.00	36.61 2.13 0.00	33.91 1.87 0.00	36.36 1.85 0.00	40.43 1.61 0.00	36.62 1.24 0.00	44.72 1.46 0.00	47.97 1.85 0.00	48.43 1.31 0.00
RAVENSWOOD___2 23534	51.22 1.30 0.00	44.08 0.81 0.00	39.13 0.65 0.00	37.88 0.58 0.00	38.39 0.70 0.00	38.22 1.05 0.00	37.92 1.51 0.00	40.49 1.87 0.00	42.64 1.98 0.00	42.06 1.98 0.00	45.72 2.39 0.00	43.05 2.65 0.00	47.49 3.27 0.00	44.89 3.11 0.00	33.54 2.28 0.00	34.58 2.09 0.00	36.53 2.06 0.00	33.83 1.79 0.00	36.29 1.77 0.00	40.35 1.52 0.00	36.54 1.16 0.00	44.60 1.34 0.00	47.85 1.73 0.00	48.26 1.14 0.00
RAVENSWOOD___3 23535	51.43 1.51 0.00	44.18 0.92 0.00	39.21 0.73 0.00	37.96 0.65 0.00	38.45 0.76 0.00	38.28 1.11 0.00	37.96 1.55 0.00	40.51 1.89 0.00	42.67 2.01 0.00	42.10 2.02 0.00	45.78 2.45 0.00	43.09 2.69 0.00	47.60 3.38 0.00	44.97 3.19 0.00	33.56 2.29 0.00	34.63 2.13 0.00	36.57 2.10 0.00	33.88 1.84 0.00	36.35 1.84 0.00	40.41 1.59 0.00	36.60 1.22 0.00	44.70 1.44 0.00	47.99 1.87 0.00	48.47 1.35 0.00
RAVENSWOOD___4 23820	51.37 1.45 0.00	44.16 0.90 0.00	39.19 0.71 0.00	37.95 0.64 0.00	38.44 0.76 0.00	38.28 1.12 0.00	37.99 1.58 0.00	40.55 1.93 0.00	42.71 2.05 0.00	42.13 2.05 0.00	45.81 2.48 0.00	43.12 2.73 0.00	47.59 3.37 0.00	44.99 3.21 0.00	33.59 2.33 0.00	34.65 2.15 0.00	36.60 2.12 0.00	33.88 1.85 0.00	36.35 1.84 0.00	40.42 1.59 0.00	36.60 1.22 0.00	44.70 1.45 0.00	47.96 1.84 0.00	48.41 1.29 0.00
RCPL_TRUST___DRP 24196	51.44 1.52 0.00	44.17 0.91 0.00	39.19 0.72 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.27 1.10 0.00	37.97 1.56 0.00	40.53 1.91 0.00	42.70 2.03 0.00	42.12 2.04 0.00	45.82 2.49 0.00	43.13 2.73 0.00	47.63 3.42 0.00	45.00 3.22 0.00	33.61 2.34 0.00	34.77 2.27 0.00	36.67 2.20 0.00	33.96 1.93 0.00	36.46 1.94 0.00	40.50 1.68 0.00	36.68 1.29 0.00	44.74 1.48 0.00	47.98 1.86 0.00	48.46 1.34 0.00
RED___ROCHESTER 323720	45.40 1.44 5.96	35.98 1.48 8.76	33.79 1.14 5.83	31.71 1.13 6.72	35.62 0.98 3.05	36.32 0.94 1.78	35.06 1.13 2.48	38.78 0.98 0.82	40.73 1.18 1.12	40.82 1.70 0.96	45.49 2.16 0.00	42.19 1.79 0.00	46.71 2.49 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.84 2.35 -45.00	52.95 2.48 -15.99	63.82 2.15 -29.64	54.69 2.52 -17.65	45.34 2.25 -4.27	36.64 1.41 0.15	45.23 2.09 0.12	48.00 1.96 0.07	48.91 1.79 0.00
REGAN___SOLAR 323812	52.58 2.66 0.00	45.52 2.26 0.00	40.43 1.96 0.00	39.19 1.88 0.00	39.57 1.89 0.00	39.17 2.00 0.00	38.49 2.08 0.00	40.92 2.30 0.00	43.15 2.48 0.00	42.55 2.47 0.00	46.02 2.69 0.00	42.81 2.42 0.00	46.88 2.66 0.00	44.35 2.58 0.00	32.19 0.93 0.00	33.40 0.91 0.00	35.92 1.45 0.00	33.77 1.74 0.00	36.74 2.23 0.00	41.29 2.46 0.00	37.60 2.22 0.00	45.87 2.62 0.00	48.72 2.61 0.00	49.59 2.47 0.00
RENSSELAER___COGEN 23796	49.93 0.01 0.00	43.47 0.21 0.00	38.68 0.20 0.00	37.68 0.37 0.00	38.03 0.34 0.00	37.76 0.59 0.00	37.09 0.68 0.00	39.49 0.87 0.00	41.54 0.88 0.00	40.68 0.60 0.00	43.58 0.25 0.00	40.88 0.48 0.00	44.55 0.33 0.00	42.09 0.31 0.00	31.50 0.24 0.00	32.82 0.33 0.00	34.67 0.20 0.00	32.17 0.13 0.00	34.67 0.15 0.00	38.56 -0.26 0.00	35.39 0.01 0.00	42.99 -0.27 0.00	46.07 -0.05 0.00	47.01 -0.11 0.00
REPUBLIC_115KV_BARTNBRK 55605	55.38 5.45 0.00	47.54 4.28 0.00	42.30 3.82 0.00	41.32 4.02 0.00	41.81 4.13 0.00	41.60 4.44 0.00	41.06 4.64 0.00	43.80 5.18 0.00	45.87 5.20 0.00	44.25 4.18 0.00	47.08 3.75 0.00	44.00 3.61 0.00	47.51 3.29 0.00	45.12 3.34 0.00	33.57 2.30 0.00	35.35 2.85 0.00	38.04 3.57 0.00	35.92 3.89 0.00	38.84 4.33 0.00	43.47 4.64 0.00	39.65 4.27 0.00	47.98 4.72 0.00	51.15 5.03 0.00	52.18 5.06 0.00
REVERE_CPPR_DRP 24186	51.82 1.89 0.00	44.79 1.53 0.00	39.76 1.28 0.00	38.53 1.22 0.00	38.92 1.24 0.00	38.52 1.36 0.00	37.94 1.53 0.00	40.24 1.62 0.00	42.47 1.81 0.00	41.95 1.86 0.00	45.34 2.01 0.00	42.13 1.73 0.00	45.88 1.66 0.00	42.56 0.78 0.00	31.92 0.65 0.00	33.35 0.85 0.00	35.79 1.32 0.00	33.48 1.45 0.00	36.22 1.71 0.00	40.74 1.91 0.00	36.87 1.49 0.00	45.01 1.75 0.00	47.73 1.62 0.00	48.74 1.63 0.00
REYNLDDPA_13_KV_LD 356490	50.23 0.30 0.00	43.84 0.58 0.00	39.10 0.62 0.00	37.82 0.51 0.00	38.18 0.49 0.00	37.55 0.38 0.00	36.64 0.23 0.00	38.81 0.19 0.00	40.84 0.17 0.00	40.24 0.16 0.00	43.32 -0.02 0.00	40.36 -0.04 0.00	44.04 -0.18 0.00	41.68 -0.10 0.00	31.26 0.00 0.00	32.33 -0.16 0.00	34.35 -0.13 0.00	31.88 -0.16 0.00	34.36 -0.16 0.00	39.08 0.26 0.00	35.63 0.25 0.00	43.44 0.18 0.00	46.04 -0.08 0.00	47.42 0.30 0.00
REYNOLDS_115KV_TB3 80639	50.39 0.47 0.00	43.98 0.72 0.00	39.10 0.63 0.00	38.12 0.82 0.00	38.47 0.78 0.00	38.21 1.04 0.00	37.49 1.08 0.00	39.96 1.34 0.00	42.01 1.34 0.00	41.05 0.96 0.00	43.87 0.54 0.00	41.18 0.79 0.00	44.91 0.69 0.00	42.43 0.65 0.00	31.70 0.44 0.00	33.11 0.62 0.00	34.91 0.44 0.00	32.34 0.31 0.00	34.89 0.38 0.00	38.83 0.00 0.00	35.74 0.36 0.00	43.38 0.12 0.00	46.54 0.43 0.00	47.45 0.33 0.00

RIVERBAY____ 323610	52.47 2.55 0.00	45.08 1.82 0.00	40.05 1.57 0.00	38.79 1.49 0.00	39.32 1.63 0.00	39.13 1.97 0.00	38.85 2.44 0.00	41.37 2.76 0.00	43.50 2.83 0.00	42.86 2.78 0.00	46.60 3.27 0.00	43.84 3.44 0.00	48.35 4.13 0.00	45.73 3.95 0.00	34.18 2.92 0.00	35.21 2.72 0.00	37.21 2.73 0.00	34.45 2.41 0.00	36.99 2.48 0.00	41.14 2.31 0.00	37.29 1.91 0.00	45.52 2.26 0.00	48.81 2.69 0.00	49.32 2.20 0.00
RIVERSDE_115KV_TB3 55908	50.21 0.29 0.00	43.77 0.50 0.00	38.93 0.45 0.00	37.92 0.62 0.00	38.27 0.59 0.00	38.01 0.85 0.00	37.33 0.92 0.00	39.76 1.14 0.00	41.82 1.16 0.00	40.92 0.84 0.00	43.79 0.46 0.00	41.10 0.70 0.00	44.82 0.60 0.00	42.36 0.58 0.00	31.67 0.40 0.00	33.04 0.54 0.00	34.87 0.39 0.00	32.33 0.29 0.00	34.86 0.34 0.00	38.78 -0.05 0.00	35.63 0.24 0.00	43.26 0.00 0.00	46.37 0.25 0.00	47.29 0.17 0.00
ROARING__BROOK_WT_PWR 323790	49.82 -0.10 0.00	43.23 -0.03 0.00	38.44 -0.04 0.00	37.23 -0.07 0.00	37.62 -0.07 0.00	37.02 -0.15 0.00	36.19 -0.22 0.00	38.35 -0.26 0.00	40.39 -0.27 0.00	39.84 -0.24 0.00	43.11 -0.22 0.00	39.85 -0.54 0.00	43.53 -0.69 0.00	41.20 -0.57 0.00	30.99 -0.28 0.00	32.04 -0.45 0.00	34.16 -0.31 0.00	31.66 -0.37 0.00	33.98 -0.53 0.00	38.06 -0.77 0.00	34.61 -0.77 0.00	42.27 -0.99 0.00	44.97 -1.15 0.00	46.35 -0.77 0.00
ROCHESRG_115KV_T4 355643	50.57 0.64 0.00	44.07 0.80 0.00	39.06 0.58 0.00	37.91 0.60 0.00	38.15 0.46 0.00	37.56 0.39 0.00	36.93 0.52 0.00	38.93 0.32 0.00	41.11 0.44 0.00	41.07 0.99 0.00	44.74 1.41 0.00	41.47 1.08 0.00	45.82 1.61 0.00	47.50 1.71 -4.01	95.70 1.11 -63.33	69.91 1.54 -35.88	48.81 1.59 -12.75	56.97 1.30 -23.63	50.09 1.50 -14.08	43.52 1.29 -3.40	36.04 0.66 0.00	44.47 1.21 0.00	47.19 1.07 0.00	48.09 0.97 0.00
ROCHESTER_9_IC 23652	51.05 1.13 0.00	44.48 1.22 0.00	39.40 0.93 0.00	38.23 0.93 0.00	38.49 0.80 0.00	37.90 0.74 0.00	37.28 0.87 0.00	39.35 0.73 0.00	41.57 0.90 0.00	41.53 1.45 0.00	45.21 1.88 0.00	41.91 1.51 0.00	46.35 2.14 0.00	49.17 2.31 -5.08	113.17 1.55 -80.36	80.01 1.99 -45.53	52.76 2.11 -16.18	63.81 1.79 -29.98	54.41 2.04 -17.86	45.00 1.85 -4.32	36.48 1.10 0.00	44.99 1.73 0.00	47.71 1.59 0.00	48.57 1.45 0.00
ROCKVIEW_13_KV_LD 356306	51.52 1.60 0.00	44.26 1.00 0.00	39.26 0.78 0.00	38.02 0.72 0.00	38.50 0.82 0.00	38.31 1.15 0.00	37.99 1.59 0.00	40.54 1.92 0.00	42.70 2.04 0.00	42.12 2.04 0.00	45.81 2.48 0.00	43.09 2.70 0.00	47.61 3.39 0.00	44.98 3.20 0.00	33.59 2.32 0.00	34.72 2.23 0.00	36.67 2.20 0.00	33.99 1.95 0.00	36.50 1.99 0.00	40.56 1.73 0.00	36.74 1.36 0.00	44.80 1.54 0.00	48.02 1.91 0.00	48.53 1.41 0.00
ROME____115KV_TB2 80656	51.82 1.89 0.00	44.79 1.53 0.00	39.76 1.28 0.00	38.53 1.22 0.00	38.92 1.24 0.00	38.52 1.36 0.00	37.94 1.53 0.00	40.24 1.62 0.00	42.47 1.81 0.00	41.95 1.86 0.00	45.34 2.01 0.00	42.13 1.73 0.00	45.88 1.66 0.00	42.56 0.78 0.00	31.92 0.65 0.00	33.35 0.85 0.00	35.79 1.32 0.00	33.48 1.45 0.00	36.22 1.71 0.00	40.74 1.91 0.00	36.87 1.49 0.00	45.01 1.75 0.00	47.73 1.62 0.00	48.74 1.63 0.00
ROSETON__1 23587	50.82 0.90 0.00	43.73 0.47 0.00	38.86 0.38 0.00	37.65 0.35 0.00	38.10 0.41 0.00	37.86 0.70 0.00	37.46 1.05 0.00	39.92 1.30 0.00	42.03 1.36 0.00	41.42 1.33 0.00	44.99 1.66 0.00	42.28 1.88 0.00	46.63 2.41 0.00	44.04 2.26 0.00	32.92 1.66 0.00	34.05 1.56 0.00	36.02 1.55 0.00	33.42 1.38 0.00	35.89 1.38 0.00	39.94 1.11 0.00	36.25 0.87 0.00	44.16 0.91 0.00	47.32 1.21 0.00	47.93 0.81 0.00
ROSETON__2 23588	50.82 0.90 0.00	43.73 0.47 0.00	38.86 0.38 0.00	37.65 0.35 0.00	38.10 0.41 0.00	37.86 0.70 0.00	37.46 1.05 0.00	39.92 1.30 0.00	42.03 1.36 0.00	41.42 1.33 0.00	44.99 1.66 0.00	42.28 1.88 0.00	46.63 2.41 0.00	44.04 2.26 0.00	32.92 1.66 0.00	34.05 1.56 0.00	36.02 1.55 0.00	33.42 1.38 0.00	35.89 1.38 0.00	39.94 1.11 0.00	36.25 0.87 0.00	44.16 0.91 0.00	47.32 1.21 0.00	47.93 0.81 0.00
ROTTDRAM_115KV_TB3 80664	50.78 0.85 0.00	43.98 0.71 0.00	39.11 0.64 0.00	37.97 0.67 0.00	38.35 0.67 0.00	37.95 0.78 0.00	37.34 0.93 0.00	39.66 1.04 0.00	41.76 1.09 0.00	41.05 0.97 0.00	44.29 0.97 0.00	41.39 1.00 0.00	45.36 1.14 0.00	42.87 1.09 0.00	31.97 0.70 0.00	33.18 0.69 0.00	35.26 0.78 0.00	32.80 0.76 0.00	35.38 0.87 0.00	39.57 0.74 0.00	36.12 0.74 0.00	44.04 0.78 0.00	47.02 0.90 0.00	47.90 0.78 0.00
RUSSELL__1 23602	51.37 1.44 0.00	44.73 1.47 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.68 0.99 0.00	38.11 0.94 0.00	37.51 1.09 0.00	39.59 0.98 0.00	41.84 1.18 0.00	41.79 1.71 0.00	45.49 2.16 0.00	42.18 1.79 0.00	46.72 2.50 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.77 2.28 -45.00	52.92 2.46 -15.99	63.79 2.12 -29.64	54.56 2.39 -17.65	45.33 2.23 -4.27	36.79 1.41 0.00	45.35 2.10 0.00	48.07 1.95 0.00	48.91 1.79 0.00
RUSSELL__2 23532	51.37 1.44 0.00	44.73 1.47 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.68 0.99 0.00	38.11 0.94 0.00	37.51 1.09 0.00	39.59 0.98 0.00	41.84 1.18 0.00	41.79 1.71 0.00	45.49 2.16 0.00	42.18 1.79 0.00	46.72 2.50 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.77 2.28 -45.00	52.92 2.46 -15.99	63.79 2.12 -29.64	54.56 2.39 -17.65	45.33 2.23 -4.27	36.79 1.41 0.00	45.35 2.10 0.00	48.07 1.95 0.00	48.91 1.79 0.00
RUSSELL__3 23549	51.37 1.44 0.00	44.73 1.47 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.68 0.99 0.00	38.11 0.94 0.00	37.51 1.09 0.00	39.59 0.98 0.00	41.84 1.18 0.00	41.79 1.71 0.00	45.49 2.16 0.00	42.18 1.79 0.00	46.72 2.50 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.77 2.28 -45.00	52.92 2.46 -15.99	63.79 2.12 -29.64	54.56 2.39 -17.65	45.33 2.23 -4.27	36.79 1.41 0.00	45.35 2.10 0.00	48.07 1.95 0.00	48.91 1.79 0.00
RUSSELL__4 23556	51.37 1.44 0.00	44.73 1.47 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.68 0.99 0.00	38.11 0.94 0.00	37.51 1.09 0.00	39.59 0.98 0.00	41.84 1.18 0.00	41.79 1.71 0.00	45.49 2.16 0.00	42.18 1.79 0.00	46.72 2.50 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.77 2.28 -45.00	52.92 2.46 -15.99	63.79 2.12 -29.64	54.56 2.39 -17.65	45.33 2.23 -4.27	36.79 1.41 0.00	45.35 2.10 0.00	48.07 1.95 0.00	48.91 1.79 0.00
RUSSELL__STATION 23914	51.37 1.44 0.00	44.73 1.47 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.68 0.99 0.00	38.11 0.94 0.00	37.51 1.09 0.00	39.59 0.98 0.00	41.84 1.18 0.00	41.79 1.71 0.00	45.49 2.16 0.00	42.18 1.79 0.00	46.72 2.50 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.77 2.28 -45.00	52.92 2.46 -15.99	63.79 2.12 -29.64	54.56 2.39 -17.65	45.33 2.23 -4.27	36.79 1.41 0.00	45.35 2.10 0.00	48.07 1.95 0.00	48.91 1.79 0.00

S SALMON___HYD 24043	50.05 0.13 0.00	43.24 -0.02 0.00	38.37 -0.11 0.00	37.19 -0.12 0.00	37.57 -0.12 0.00	37.09 -0.08 0.00	36.54 0.13 0.00	38.69 0.07 0.00	40.85 0.18 0.00	40.36 0.27 0.00	43.41 0.08 0.00	40.27 -0.12 0.00	43.42 -0.80 0.00	40.98 -0.80 0.00	30.83 -0.44 0.00	32.00 -0.49 0.00	34.32 -0.15 0.00	32.12 0.08 0.00	34.62 0.11 0.00	38.79 -0.04 0.00	35.11 -0.27 0.00	43.26 0.00 0.00	45.87 -0.24 0.00	47.10 -0.01 0.00
S.PERRY___115KV_TB1 80734	52.61 2.69 0.00	45.70 2.44 0.00	40.38 1.91 0.00	39.04 1.74 0.00	39.30 1.62 0.00	38.68 1.51 0.00	38.09 1.68 0.00	40.16 1.54 0.00	42.39 1.73 0.00	42.34 2.26 0.00	46.23 2.90 0.00	41.75 1.36 0.00	46.25 2.03 0.00	47.40 2.91 -2.72	76.01 1.79 -42.96	58.90 2.07 -24.34	45.37 2.25 -8.65	50.35 2.28 -16.03	47.17 3.11 -9.55	43.91 2.78 -2.31	37.55 2.17 0.00	46.14 2.88 0.00	48.41 2.30 0.00	49.16 2.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	50.55 0.62 0.00	44.27 1.01 0.00	39.19 0.71 0.00	38.09 0.78 0.00	38.24 0.56 0.00	37.52 0.35 0.00	36.80 0.39 0.00	38.52 -0.09 0.00	40.63 -0.03 0.00	40.97 0.89 0.00	45.03 1.70 0.00	41.76 1.37 0.00	46.31 2.09 0.00	45.42 1.97 -1.67	58.84 1.20 -26.38	49.32 1.89 -14.94	41.54 1.75 -5.31	43.13 1.25 -9.84	41.89 1.51 -5.86	41.37 1.12 -1.42	35.94 0.56 0.00	44.67 1.41 0.00	47.42 1.30 0.00	48.34 1.22 0.00
SAWYER___23_KV_LOAD 55526	50.55 0.62 0.00	44.27 1.01 0.00	39.19 0.71 0.00	38.09 0.78 0.00	38.24 0.56 0.00	37.52 0.35 0.00	36.80 0.39 0.00	38.52 -0.09 0.00	40.63 -0.03 0.00	40.97 0.89 0.00	45.03 1.70 0.00	41.76 1.37 0.00	46.31 2.09 0.00	45.42 1.97 -1.67	58.84 1.20 -26.38	49.32 1.89 -14.94	41.54 1.75 -5.31	43.13 1.25 -9.84	41.89 1.51 -5.86	41.37 1.12 -1.42	35.94 0.56 0.00	44.67 1.41 0.00	47.42 1.30 0.00	48.34 1.22 0.00
SELKIRK___I 23801	50.41 0.49 0.00	43.77 0.51 0.00	38.98 0.50 0.00	37.90 0.60 0.00	38.27 0.58 0.00	37.91 0.75 0.00	37.27 0.85 0.00	39.59 0.97 0.00	41.66 0.99 0.00	40.86 0.77 0.00	43.97 0.64 0.00	40.98 0.59 0.00	44.15 -0.07 0.00	41.53 -0.25 0.00	31.04 -0.22 0.00	32.25 -0.24 0.00	34.19 -0.29 0.00	31.82 -0.22 0.00	34.33 -0.19 0.00	38.30 -0.53 0.00	35.02 -0.36 0.00	42.63 -0.63 0.00	45.59 -0.53 0.00	46.91 -0.21 0.00
SELKIRK___II 23799	50.03 0.11 0.00	43.49 0.22 0.00	38.70 0.23 0.00	37.63 0.33 0.00	38.01 0.32 0.00	37.67 0.50 0.00	37.04 0.63 0.00	39.40 0.78 0.00	41.46 0.79 0.00	40.68 0.60 0.00	43.79 0.46 0.00	40.94 0.55 0.00	44.60 0.39 0.00	42.07 0.29 0.00	31.47 0.21 0.00	32.72 0.23 0.00	34.63 0.16 0.00	32.15 0.11 0.00	34.64 0.12 0.00	38.59 -0.24 0.00	35.30 -0.08 0.00	42.96 -0.30 0.00	45.97 -0.14 0.00	47.07 -0.05 0.00
SENECA OSWGO___HYD 24041	49.13 -0.79 0.00	42.58 -0.69 0.00	37.81 -0.66 0.00	36.65 -0.65 0.00	37.02 -0.67 0.00	36.51 -0.65 0.00	35.93 -0.48 0.00	38.04 -0.57 0.00	40.11 -0.56 0.00	39.59 -0.49 0.00	42.83 -0.50 0.00	39.77 -0.62 0.00	43.21 -1.01 0.00	40.81 -0.97 0.00	30.59 -0.67 0.00	31.96 -0.54 0.00	34.04 -0.43 0.00	31.71 -0.33 0.00	34.18 -0.33 0.00	38.26 -0.57 0.00	34.86 -0.52 0.00	42.88 -0.38 0.00	45.63 -0.49 0.00	46.54 -0.58 0.00
SENECA___115KV_TB3 355854	38.44 1.13 12.61	26.15 1.41 18.52	27.21 1.05 12.32	24.13 1.04 14.22	32.05 0.81 6.45	34.00 0.60 3.77	31.88 0.72 5.25	37.08 0.20 1.74	38.58 0.28 2.36	39.27 1.22 2.03	45.43 2.10 0.00	42.09 1.70 0.00	46.70 2.49 0.00	45.96 2.44 -1.74	60.42 1.58 -27.58	50.56 2.44 -15.63	42.31 2.29 -5.55	44.11 1.78 -10.29	42.87 2.23 -6.13	41.94 1.63 -1.48	36.08 1.02 0.32	44.99 1.99 0.26	47.82 1.86 0.16	48.81 1.69 0.00
SENECA___ENERGY 23797	50.67 0.74 0.00	43.83 0.56 0.00	38.91 0.44 0.00	37.65 0.34 0.00	38.05 0.36 0.00	37.54 0.38 0.00	36.97 0.56 0.00	39.06 0.44 0.00	41.21 0.55 0.00	40.95 0.87 0.00	44.58 1.25 0.00	40.86 0.47 0.00	44.90 0.68 0.00	41.53 0.82 1.07	15.01 0.61 16.86	24.14 1.20 9.55	32.30 1.23 3.39	26.91 1.17 6.29	32.25 1.49 3.75	39.24 1.32 0.90	36.26 0.89 0.00	44.18 0.92 0.00	46.95 0.84 0.00	47.73 0.61 0.00
SHOEMAKER___GT 23640	50.88 0.96 0.00	43.77 0.51 0.00	38.88 0.40 0.00	37.66 0.36 0.00	38.11 0.43 0.00	37.84 0.67 0.00	37.39 0.99 0.00	39.82 1.21 0.00	41.92 1.26 0.00	41.35 1.27 0.00	44.93 1.60 0.00	42.19 1.79 0.00	46.54 2.32 0.00	43.96 2.19 0.00	32.83 1.56 0.00	33.99 1.50 0.00	36.00 1.52 0.00	33.40 1.37 0.00	35.92 1.41 0.00	39.99 1.16 0.00	36.30 0.92 0.00	44.22 0.96 0.00	47.32 1.21 0.00	47.95 0.83 0.00
SHOEMAKR_138KV_BK 111 55601	50.84 0.92 0.00	43.74 0.48 0.00	38.85 0.37 0.00	37.63 0.33 0.00	38.08 0.40 0.00	37.82 0.65 0.00	37.39 0.98 0.00	39.80 1.18 0.00	41.89 1.23 0.00	41.32 1.24 0.00	44.90 1.57 0.00	42.16 1.77 0.00	46.51 2.29 0.00	43.93 2.16 0.00	32.82 1.55 0.00	33.99 1.50 0.00	35.98 1.51 0.00	33.39 1.35 0.00	35.90 1.38 0.00	39.96 1.13 0.00	36.27 0.89 0.00	44.17 0.91 0.00	47.29 1.17 0.00	47.92 0.80 0.00
SHOREHAM_IC_1 23715	51.58 1.66 0.00	44.36 1.10 0.00	39.16 0.68 0.00	38.18 0.87 0.00	38.80 1.11 0.00	38.16 0.99 0.00	38.07 1.66 0.00	40.88 2.26 0.00	43.26 2.59 0.00	42.44 2.36 0.00	46.08 2.75 0.00	43.11 2.72 0.00	47.75 3.53 0.00	45.36 3.59 0.00	34.08 2.81 0.00	35.07 2.58 0.00	37.30 2.83 0.00	34.82 2.28 -0.51	37.05 2.53 0.00	41.27 2.45 0.00	37.16 1.77 0.00	45.31 2.05 0.00	48.57 2.45 0.00	48.90 1.78 0.00
SHOREHAM_IC_2 23716	51.58 1.66 0.00	44.36 1.10 0.00	39.16 0.68 0.00	38.18 0.87 0.00	38.80 1.11 0.00	38.16 0.99 0.00	38.07 1.66 0.00	40.88 2.26 0.00	43.26 2.59 0.00	42.44 2.36 0.00	46.08 2.75 0.00	43.11 2.72 0.00	47.75 3.53 0.00	45.36 3.59 0.00	34.08 2.81 0.00	35.07 2.58 0.00	37.30 2.83 0.00	34.82 2.28 -0.51	37.05 2.53 0.00	41.27 2.45 0.00	37.16 1.77 0.00	45.31 2.05 0.00	48.57 2.45 0.00	48.90 1.78 0.00
SISSONVILLE____ 23735	50.58 0.66 0.00	44.03 0.77 0.00	39.19 0.72 0.00	38.01 0.71 0.00	38.35 0.67 0.00	37.72 0.56 0.00	36.90 0.49 0.00	39.01 0.40 0.00	41.10 0.43 0.00	40.42 0.33 0.00	43.34 0.01 0.00	40.28 -0.12 0.00	43.57 -0.65 0.00	41.32 -0.46 0.00	30.76 -0.50 0.00	31.49 -1.00 0.00	33.57 -0.91 0.00	31.24 -0.79 0.00	33.67 -0.84 0.00	38.48 -0.35 0.00	35.17 -0.21 0.00	42.97 -0.29 0.00	45.96 -0.16 0.00	47.60 0.48 0.00
SITHE_IND_GS1 24169	48.45 -1.47 0.00	42.02 -1.24 0.00	37.35 -1.13 0.00	36.21 -1.10 0.00	36.56 -1.12 0.00	36.07 -1.10 0.00	35.45 -0.97 0.00	37.52 -1.09 0.00	39.54 -1.13 0.00	39.03 -1.05 0.00	42.25 -1.08 0.00	39.27 -1.13 0.00	42.91 -1.31 0.00	40.53 -1.24 0.00	30.34 -0.93 0.00	31.67 -0.82 0.00	33.60 -0.88 0.00	31.24 -0.80 0.00	33.68 -0.83 0.00	37.71 -1.12 0.00	34.34 -1.04 0.00	42.18 -1.08 0.00	44.92 -1.20 0.00	45.86 -1.26 0.00

SITHE_IND_GS2 24170	48.45 -1.47 0.00	42.02 -1.24 0.00	37.35 -1.13 0.00	36.21 -1.10 0.00	36.56 -1.12 0.00	36.07 -1.10 0.00	35.45 -0.97 0.00	37.52 -1.09 0.00	39.54 -1.13 0.00	39.03 -1.05 0.00	42.25 -1.08 0.00	39.27 -1.13 0.00	42.91 -1.31 0.00	40.53 -1.24 0.00	30.34 -0.93 0.00	31.67 -0.82 0.00	33.60 -0.88 0.00	31.24 -0.80 0.00	33.68 -0.83 0.00	37.71 -1.12 0.00	34.34 -1.04 0.00	42.18 -1.08 0.00	44.92 -1.20 0.00	45.86 -1.26 0.00
SITHE_IND_GS3 24171	48.45 -1.47 0.00	42.02 -1.24 0.00	37.35 -1.13 0.00	36.21 -1.10 0.00	36.56 -1.12 0.00	36.07 -1.10 0.00	35.45 -0.97 0.00	37.52 -1.09 0.00	39.54 -1.13 0.00	39.03 -1.05 0.00	42.25 -1.08 0.00	39.27 -1.13 0.00	42.91 -1.31 0.00	40.53 -1.24 0.00	30.34 -0.93 0.00	31.67 -0.82 0.00	33.60 -0.88 0.00	31.24 -0.80 0.00	33.68 -0.83 0.00	37.71 -1.12 0.00	34.34 -1.04 0.00	42.18 -1.08 0.00	44.92 -1.20 0.00	45.86 -1.26 0.00
SITHE_IND_GS4 24172	48.45 -1.47 0.00	42.02 -1.24 0.00	37.35 -1.13 0.00	36.21 -1.10 0.00	36.56 -1.12 0.00	36.07 -1.10 0.00	35.45 -0.97 0.00	37.52 -1.09 0.00	39.54 -1.13 0.00	39.03 -1.05 0.00	42.25 -1.08 0.00	39.27 -1.13 0.00	42.91 -1.31 0.00	40.53 -1.24 0.00	30.34 -0.93 0.00	31.67 -0.82 0.00	33.60 -0.88 0.00	31.24 -0.80 0.00	33.68 -0.83 0.00	37.71 -1.12 0.00	34.34 -1.04 0.00	42.18 -1.08 0.00	44.92 -1.20 0.00	45.86 -1.26 0.00
SITHE___BATAVIA 24024	43.30 2.10 8.72	32.67 2.22 12.82	31.70 1.75 8.53	29.22 1.76 9.84	34.80 1.57 4.46	36.01 1.45 2.61	34.45 1.67 3.63	38.87 1.45 1.20	40.72 1.69 1.63	40.88 2.20 1.40	46.07 2.74 0.00	42.17 1.78 0.00	46.69 2.47 0.00	48.70 3.12 -3.80	93.41 2.00 -60.15	69.05 2.48 -34.07	48.76 2.18 -12.11	56.49 2.01 -22.44	50.41 2.52 -13.37	44.20 2.15 -3.23	36.17 1.01 0.22	44.88 1.81 0.18	47.68 1.67 0.11	48.80 1.68 0.00
SITHE___INDEPEND 23800	48.45 -1.47 0.00	42.02 -1.24 0.00	37.35 -1.13 0.00	36.21 -1.10 0.00	36.56 -1.12 0.00	36.07 -1.09 0.00	35.44 -0.97 0.00	37.52 -1.09 0.00	39.54 -1.13 0.00	39.04 -1.04 0.00	42.25 -1.08 0.00	39.27 -1.13 0.00	42.92 -1.30 0.00	40.53 -1.24 0.00	30.34 -0.93 0.00	31.65 -0.84 0.00	33.59 -0.89 0.00	31.24 -0.80 0.00	33.66 -0.85 0.00	37.70 -1.12 0.00	34.34 -1.04 0.00	42.17 -1.09 0.00	44.92 -1.20 0.00	45.86 -1.26 0.00
SITHE___MASSENA 23902	50.44 0.52 0.00	43.90 0.64 0.00	39.11 0.63 0.00	37.93 0.63 0.00	38.28 0.59 0.00	37.63 0.46 0.00	36.75 0.33 0.00	38.90 0.27 0.00	40.94 0.28 0.00	40.32 0.24 0.00	43.36 0.03 0.00	40.38 -0.01 0.00	44.02 -0.20 0.00	41.68 -0.10 0.00	31.23 -0.03 0.00	32.26 -0.24 0.00	34.30 -0.17 0.00	31.86 -0.18 0.00	34.32 -0.20 0.00	39.08 0.25 0.00	35.64 0.26 0.00	43.45 0.19 0.00	46.23 0.11 0.00	47.58 0.46 0.00
SITHE___OGDNSBRG 24021	51.50 1.58 0.00	44.81 1.55 0.00	39.90 1.43 0.00	38.69 1.38 0.00	39.05 1.36 0.00	38.42 1.26 0.00	37.61 1.20 0.00	39.68 1.06 0.00	41.72 1.06 0.00	40.92 0.84 0.00	43.85 0.52 0.00	40.65 0.25 0.00	44.23 0.01 0.00	42.06 0.28 0.00	31.43 0.17 0.00	32.30 -0.19 0.00	34.73 0.26 0.00	32.38 0.34 0.00	34.89 0.37 0.00	39.86 1.03 0.00	36.35 0.97 0.00	44.31 1.05 0.00	47.20 1.08 0.00	48.58 1.46 0.00
SITHE___STERLING 23777	51.27 1.34 0.00	44.33 1.06 0.00	39.37 0.89 0.00	38.13 0.82 0.00	38.55 0.87 0.00	38.14 0.97 0.00	37.53 1.12 0.00	39.80 1.19 0.00	41.99 1.32 0.00	41.46 1.38 0.00	44.88 1.55 0.00	41.73 1.34 0.00	45.50 1.29 0.00	42.41 0.64 0.00	31.76 0.50 0.00	33.21 0.72 0.00	35.51 1.04 0.00	33.15 1.11 0.00	35.88 1.37 0.00	40.26 1.43 0.00	36.51 1.13 0.00	44.63 1.37 0.00	47.37 1.25 0.00	48.30 1.18 0.00
SLEIGHT__34_KV_TB1 80719	50.31 0.39 0.00	43.72 0.46 0.00	38.77 0.29 0.00	37.58 0.28 0.00	37.89 0.20 0.00	37.38 0.22 0.00	36.81 0.40 0.00	38.86 0.24 0.00	41.05 0.38 0.00	40.86 0.78 0.00	44.42 1.09 0.00	41.00 0.61 0.00	44.98 0.76 0.00	39.14 0.89 3.52	-23.89 0.56 55.72	2.05 1.12 31.57	24.51 1.25 11.22	12.24 0.99 20.79	23.40 1.27 12.38	37.00 1.16 2.99	35.97 0.59 0.00	44.13 0.87 0.00	46.87 0.76 0.00	47.71 0.59 0.00
SOUTH CAIRO___GT 23612	51.69 1.77 0.00	44.86 1.59 0.00	39.90 1.42 0.00	38.80 1.49 0.00	39.17 1.48 0.00	38.88 1.71 0.00	38.30 1.89 0.00	40.86 2.24 0.00	43.07 2.40 0.00	42.15 2.07 0.00	45.19 1.86 0.00	42.16 1.77 0.00	45.82 1.61 0.00	43.49 1.71 0.00	32.37 1.11 0.00	33.60 1.11 0.00	35.74 1.27 0.00	33.27 1.23 0.00	36.02 1.51 0.00	40.15 1.32 0.00	36.76 1.38 0.00	44.64 1.38 0.00	47.62 1.51 0.00	48.59 1.47 0.00
SOUTH HAMPTN___IC 23720	52.53 2.60 0.00	45.23 1.97 0.00	39.89 1.42 0.00	38.76 1.46 0.00	39.45 1.77 0.00	38.65 1.48 0.00	38.69 2.28 0.00	41.72 3.10 0.00	44.22 3.56 0.00	43.31 3.23 0.00	47.34 4.01 0.00	44.44 4.05 0.00	49.13 4.92 0.00	46.69 4.91 0.00	34.93 3.67 0.00	36.01 3.52 0.00	38.38 3.91 0.00	35.83 3.28 -0.51	37.71 3.20 0.00	41.99 3.16 0.00	37.69 2.31 0.00	45.99 2.73 0.00	49.31 3.19 0.00	49.60 2.48 0.00
SOUTHDOW__115KV_TB1 355954	52.07 2.15 0.00	45.20 1.94 0.00	39.99 1.52 0.00	38.68 1.38 0.00	39.06 1.37 0.00	38.49 1.33 0.00	37.94 1.53 0.00	39.97 1.35 0.00	41.77 1.11 0.00	42.15 2.07 0.00	46.63 3.30 0.00	43.23 2.83 0.00	48.33 4.12 0.00	47.17 3.94 -1.46	57.12 2.81 -23.05	49.56 4.01 -13.06	42.95 3.83 -4.64	43.89 3.25 -8.60	43.43 3.79 -5.13	43.23 3.17 -1.24	37.90 2.52 0.00	46.89 3.62 0.00	49.91 3.80 0.00	50.09 2.97 0.00
SOUTHOLD_69_KV_BK 2 55809	52.94 3.02 0.00	45.63 2.37 0.00	40.23 1.75 0.00	39.01 1.71 0.00	39.77 2.08 0.00	38.78 1.62 0.00	38.93 2.52 0.00	42.13 3.52 0.00	44.70 4.03 0.00	43.64 3.56 0.00	47.87 4.54 0.00	45.03 4.64 0.00	49.68 5.46 0.00	47.26 5.49 0.00	35.29 4.02 0.00	36.44 3.95 0.00	38.93 4.45 0.00	36.26 3.71 -0.51	38.32 3.81 0.00	42.65 3.82 0.00	38.17 2.79 0.00	46.59 3.33 0.00	49.94 3.82 0.00	50.21 3.09 0.00
SOUTHOLD___IC 23719	52.94 3.02 0.00	45.64 2.37 0.00	40.23 1.75 0.00	39.01 1.70 0.00	39.77 2.08 0.00	38.78 1.61 0.00	38.92 2.51 0.00	42.13 3.51 0.00	44.69 4.03 0.00	43.65 3.57 0.00	47.87 4.54 0.00	45.03 4.64 0.00	49.68 5.46 0.00	47.26 5.48 0.00	35.29 4.03 0.00	36.43 3.94 0.00	38.93 4.45 0.00	36.25 3.71 -0.51	38.31 3.80 0.00	42.65 3.82 0.00	38.17 2.79 0.00	46.59 3.33 0.00	49.95 3.83 0.00	50.22 3.10 0.00
SOUTH_FORK_WT_PWR 323839	52.94 3.02 0.00	45.70 2.44 0.00	40.26 1.79 0.00	38.98 1.68 0.00	39.78 2.10 0.00	38.61 1.45 0.00	38.84 2.43 0.00	42.19 3.57 0.00	44.78 4.11 0.00	43.63 3.55 0.00	48.00 4.67 0.00	45.20 4.81 0.00	49.77 5.55 0.00	47.40 5.62 0.00	35.32 4.06 0.00	36.49 4.00 0.00	39.07 4.60 0.00	36.33 3.78 -0.51	38.28 3.77 0.00	42.62 3.79 0.00	38.07 2.69 0.00	46.49 3.24 0.00	49.87 3.75 0.00	50.16 3.04 0.00

SPIERFLS_115KV_TB 1 80737	51.80 1.88 0.00	44.83 1.56 0.00	39.87 1.40 0.00	38.79 1.49 0.00	39.20 1.51 0.00	38.91 1.75 0.00	38.32 1.91 0.00	40.78 2.17 0.00	42.97 2.31 0.00	41.92 1.84 0.00	44.65 1.32 0.00	41.70 1.31 0.00	45.52 1.30 0.00	42.89 1.11 0.00	31.94 0.68 0.00	33.19 0.70 0.00	35.41 0.93 0.00	33.16 1.13 0.00	36.01 1.50 0.00	40.28 1.46 0.00	36.95 1.57 0.00	44.88 1.62 0.00	47.81 1.69 0.00	48.82 1.70 0.00
ST LAWRENCE____ 23600	49.98 0.05 0.00	43.45 0.19 0.00	38.67 0.19 0.00	37.47 0.17 0.00	37.82 0.14 0.00	37.19 0.02 0.00	36.29 -0.12 0.00	38.45 -0.16 0.00	40.48 -0.18 0.00	39.88 -0.20 0.00	42.96 -0.37 0.00	40.01 -0.38 0.00	43.69 -0.52 0.00	41.34 -0.43 0.00	31.00 -0.27 0.00	32.08 -0.41 0.00	34.08 -0.39 0.00	31.64 -0.40 0.00	34.08 -0.43 0.00	38.74 -0.09 0.00	35.32 -0.06 0.00	43.09 -0.17 0.00	45.82 -0.30 0.00	47.14 0.02 0.00
STATE_CA_115KV_115_LB 55624	50.28 0.35 0.00	43.77 0.51 0.00	38.95 0.47 0.00	37.91 0.61 0.00	38.27 0.59 0.00	38.01 0.84 0.00	37.35 0.94 0.00	39.78 1.16 0.00	41.86 1.20 0.00	40.99 0.91 0.00	43.93 0.60 0.00	41.22 0.83 0.00	44.91 0.69 0.00	42.49 0.71 0.00	31.77 0.51 0.00	33.14 0.65 0.00	35.01 0.53 0.00	32.48 0.44 0.00	35.00 0.49 0.00	38.90 0.08 0.00	35.70 0.32 0.00	43.36 0.10 0.00	46.44 0.33 0.00	47.34 0.22 0.00
STATE_ST_34_KV_LOAD 55959	50.59 0.67 0.00	43.69 0.43 0.00	38.88 0.40 0.00	37.67 0.36 0.00	38.09 0.41 0.00	37.57 0.40 0.00	36.95 0.54 0.00	39.01 0.39 0.00	41.10 0.44 0.00	40.71 0.63 0.00	44.17 0.85 0.00	40.80 0.41 0.00	44.44 0.22 0.00	41.37 0.24 0.65	21.18 0.20 10.28	27.26 0.59 5.82	33.01 0.61 2.07	28.93 0.73 3.83	33.09 0.86 2.28	39.18 0.90 0.55	35.95 0.57 0.00	44.02 0.76 0.00	46.98 0.87 0.00	47.84 0.72 0.00
STATION 5_MISC_HYD 23604	45.09 1.12 5.95	35.74 1.23 8.75	33.59 0.93 5.82	31.52 0.93 6.72	35.43 0.79 3.05	36.12 0.73 1.78	34.85 0.92 2.48	38.52 0.73 0.82	40.45 0.90 1.12	40.56 1.44 0.96	45.21 1.88 0.00	41.91 1.51 0.00	46.35 2.14 0.00	49.17 2.32 -5.08	113.17 1.54 -80.36	80.07 2.05 -45.53	52.78 2.13 -16.18	63.84 1.82 -29.98	54.54 2.17 -17.86	45.01 1.87 -4.32	36.33 1.10 0.15	44.87 1.73 0.12	47.64 1.60 0.07	48.57 1.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	50.90 0.97 0.00	44.19 0.93 0.00	39.17 0.70 0.00	37.96 0.66 0.00	38.27 0.59 0.00	37.74 0.58 0.00	37.15 0.74 0.00	39.26 0.65 0.00	41.47 0.80 0.00	41.33 1.24 0.00	44.97 1.64 0.00	41.52 1.13 0.00	45.74 1.52 0.00	42.53 1.69 0.93	17.65 1.18 14.79	25.78 1.66 8.38	33.28 1.78 2.98	28.09 1.57 5.52	33.04 1.82 3.29	39.67 1.64 0.80	36.42 1.04 0.00	44.69 1.43 0.00	47.40 1.29 0.00	48.21 1.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	50.60 0.68 0.00	44.07 0.81 0.00	39.04 0.57 0.00	37.89 0.59 0.00	38.14 0.46 0.00	37.57 0.41 0.00	36.96 0.55 0.00	39.02 0.40 0.00	41.21 0.55 0.00	41.16 1.08 0.00	44.80 1.47 0.00	41.54 1.14 0.00	45.96 1.74 0.00	56.51 1.91 -12.82	235.23 1.26 -202.70	149.03 1.69 -114.85	77.09 1.81 -40.81	109.18 1.51 -75.63	81.29 1.72 -45.05	51.22 1.51 -10.89	36.18 0.80 0.00	44.59 1.33 0.00	47.29 1.17 0.00	48.14 1.03 0.00
STA_56____34_KV_BUS2 355983	50.60 0.68 0.00	44.07 0.81 0.00	39.04 0.57 0.00	37.89 0.59 0.00	38.14 0.46 0.00	37.57 0.41 0.00	36.96 0.55 0.00	39.02 0.40 0.00	41.21 0.55 0.00	41.16 1.08 0.00	44.80 1.47 0.00	41.54 1.14 0.00	45.96 1.74 0.00	56.51 1.91 -12.82	235.23 1.26 -202.70	149.03 1.69 -114.85	77.09 1.81 -40.81	109.18 1.51 -75.63	81.29 1.72 -45.05	51.22 1.51 -10.89	36.18 0.80 0.00	44.59 1.33 0.00	47.29 1.17 0.00	48.14 1.03 0.00
STA_67____115KV_BK2 355882	50.92 1.00 0.00	44.37 1.11 0.00	39.30 0.83 0.00	38.14 0.84 0.00	38.40 0.71 0.00	37.80 0.64 0.00	37.19 0.78 0.00	39.23 0.62 0.00	41.44 0.78 0.00	41.41 1.33 0.00	45.08 1.75 0.00	41.78 1.39 0.00	46.21 1.99 0.00	48.97 2.14 -5.05	112.52 1.43 -79.83	79.58 1.86 -45.23	52.51 1.97 -16.07	63.48 1.66 -29.78	54.15 1.89 -17.74	44.82 1.71 -4.29	36.37 0.99 0.00	44.85 1.59 0.00	47.57 1.46 0.00	48.44 1.32 0.00
STA_7____115KV_9TRANS 80674	51.37 1.44 0.00	44.73 1.47 0.00	39.61 1.13 0.00	38.43 1.13 0.00	38.68 0.99 0.00	38.11 0.94 0.00	37.51 1.09 0.00	39.59 0.98 0.00	41.84 1.18 0.00	41.79 1.71 0.00	45.49 2.16 0.00	42.18 1.79 0.00	46.72 2.50 0.00	49.49 2.69 -5.02	112.51 1.82 -79.43	79.77 2.28 -45.00	52.92 2.46 -15.99	63.79 2.12 -29.64	54.56 2.39 -17.65	45.33 2.23 -4.27	36.79 1.41 0.00	45.35 2.10 0.00	48.07 1.95 0.00	48.91 1.79 0.00
STA_82____115KV_TB1 80780	50.85 0.92 0.00	44.31 1.05 0.00	39.26 0.78 0.00	38.10 0.80 0.00	38.35 0.66 0.00	37.76 0.60 0.00	37.14 0.73 0.00	39.19 0.57 0.00	41.38 0.72 0.00	41.35 1.27 0.00	45.01 1.69 0.00	41.71 1.32 0.00	46.12 1.90 0.00	49.17 2.05 -5.35	117.18 1.37 -84.55	82.19 1.79 -47.90	53.38 1.88 -17.02	65.18 1.59 -31.55	55.13 1.82 -18.79	45.00 1.63 -4.54	36.30 0.91 0.00	44.77 1.51 0.00	47.49 1.37 0.00	48.36 1.24 0.00
STEEL____WIND 323596	38.37 1.05 12.61	26.09 1.35 18.52	27.17 1.01 12.32	24.07 0.99 14.22	32.00 0.77 6.45	33.94 0.55 3.77	31.82 0.66 5.25	37.01 0.13 1.74	38.50 0.19 2.36	39.21 1.16 2.03	45.35 2.02 0.00	42.03 1.63 0.00	46.62 2.40 0.00	45.89 2.38 -1.74	60.35 1.50 -27.58	50.48 2.37 -15.63	42.25 2.22 -5.55	44.04 1.71 -10.29	42.79 2.14 -6.13	41.86 1.55 -1.48	36.00 0.95 0.32	44.92 1.92 0.26	47.76 1.80 0.16	48.74 1.63 0.00
STEPHTWN_115KV_BK_2 55603	50.50 0.58 0.00	43.81 0.55 0.00	38.97 0.49 0.00	37.95 0.64 0.00	38.29 0.61 0.00	38.06 0.89 0.00	37.46 1.05 0.00	39.92 1.30 0.00	41.97 1.30 0.00	41.11 1.03 0.00	44.00 0.67 0.00	41.26 0.86 0.00	45.08 0.87 0.00	42.69 0.91 0.00	31.82 0.56 0.00	33.20 0.70 0.00	35.11 0.64 0.00	32.62 0.58 0.00	35.12 0.60 0.00	39.04 0.21 0.00	35.79 0.41 0.00	43.47 0.21 0.00	46.63 0.51 0.00	47.49 0.37 0.00
STEUBEN_REC_LFGE 323667	52.24 2.32 0.00	45.19 1.93 0.00	39.84 1.36 0.00	38.21 0.91 0.00	38.49 0.81 0.00	37.75 0.58 0.00	36.96 0.54 0.00	39.04 0.42 0.00	40.95 0.29 0.00	41.06 0.98 0.00	45.81 2.48 0.00	41.34 0.95 0.00	46.22 2.01 0.00	44.83 2.46 -0.60	42.28 1.56 -9.46	40.11 2.26 -5.36	38.72 2.34 -1.91	37.80 2.23 -3.53	39.34 2.73 -2.10	41.31 1.98 -0.51	37.22 1.84 0.00	45.34 2.08 0.00	47.73 1.61 0.00	48.31 1.19 0.00
STILLWATER____SOLAR 323814	51.70 1.78 0.00	44.85 1.58 0.00	39.88 1.40 0.00	38.80 1.49 0.00	39.18 1.49 0.00	38.87 1.70 0.00	38.22 1.81 0.00	40.67 2.05 0.00	42.83 2.16 0.00	41.89 1.81 0.00	44.87 1.55 0.00	41.95 1.55 0.00	45.90 1.68 0.00	43.36 1.58 0.00	32.30 1.04 0.00	33.57 1.08 0.00	35.67 1.20 0.00	33.27 1.24 0.00	35.96 1.44 0.00	40.18 1.35 0.00	36.83 1.45 0.00	44.77 1.52 0.00	47.83 1.72 0.00	48.75 1.63 0.00

STONY___BROOK 24151	51.73 1.80 0.00	44.48 1.22 0.00	39.28 0.80 0.00	38.17 0.87 0.00	38.78 1.09 0.00	38.34 1.18 0.00	38.25 1.84 0.00	40.99 2.37 0.00	43.33 2.66 0.00	42.58 2.50 0.00	46.41 3.08 0.00	43.53 3.14 0.00	48.32 4.10 0.00	45.69 3.91 0.00	34.01 2.74 0.00	34.98 2.49 0.00	37.12 2.65 0.00	34.79 2.24 -0.51	36.86 2.35 0.00	41.01 2.18 0.00	36.97 1.60 0.00	45.37 2.11 0.00	48.72 2.61 0.00	48.99 1.87 0.00
STURGEON_POOL_HYD 23609	50.98 1.06 0.00	43.82 0.55 0.00	38.93 0.45 0.00	37.71 0.40 0.00	38.15 0.47 0.00	37.91 0.74 0.00	37.53 1.12 0.00	39.97 1.35 0.00	42.09 1.42 0.00	41.52 1.44 0.00	45.17 1.84 0.00	42.46 2.07 0.00	46.99 2.77 0.00	44.44 2.66 0.00	33.19 1.93 0.00	34.34 1.85 0.00	36.32 1.85 0.00	33.72 1.68 0.00	36.21 1.70 0.00	40.28 1.45 0.00	36.52 1.13 0.00	44.48 1.22 0.00	47.61 1.50 0.00	48.17 1.05 0.00
ST_LAW_115_BK7_LBMP 345037	49.95 0.02 0.00	43.46 0.20 0.00	38.68 0.20 0.00	37.49 0.19 0.00	37.83 0.15 0.00	37.19 0.03 0.00	36.28 -0.13 0.00	38.44 -0.18 0.00	40.46 -0.21 0.00	39.85 -0.23 0.00	42.91 -0.42 0.00	39.98 -0.42 0.00	43.62 -0.59 0.00	41.29 -0.49 0.00	30.96 -0.31 0.00	32.02 -0.47 0.00	34.02 -0.46 0.00	31.58 -0.46 0.00	34.01 -0.50 0.00	38.70 -0.12 0.00	35.30 -0.08 0.00	43.05 -0.21 0.00	45.77 -0.35 0.00	47.11 -0.01 0.00
ST_LAW_115_BK8_LBMP 345038	49.95 0.02 0.00	43.46 0.20 0.00	38.68 0.20 0.00	37.49 0.19 0.00	37.83 0.15 0.00	37.19 0.03 0.00	36.28 -0.13 0.00	38.44 -0.18 0.00	40.46 -0.21 0.00	39.85 -0.23 0.00	42.91 -0.42 0.00	39.98 -0.42 0.00	43.62 -0.59 0.00	41.29 -0.49 0.00	30.96 -0.31 0.00	32.02 -0.47 0.00	34.02 -0.46 0.00	31.58 -0.46 0.00	34.01 -0.50 0.00	38.70 -0.12 0.00	35.30 -0.08 0.00	43.05 -0.21 0.00	45.77 -0.35 0.00	47.11 -0.01 0.00
ST_LAW_230_BK5_LBMP 345035	49.98 0.05 0.00	43.45 0.19 0.00	38.67 0.19 0.00	37.47 0.17 0.00	37.82 0.14 0.00	37.19 0.02 0.00	36.29 -0.12 0.00	38.45 -0.16 0.00	40.48 -0.18 0.00	39.88 -0.20 0.00	42.96 -0.37 0.00	40.01 -0.38 0.00	43.69 -0.52 0.00	41.34 -0.43 0.00	31.00 -0.27 0.00	32.08 -0.41 0.00	34.08 -0.39 0.00	31.64 -0.40 0.00	34.08 -0.43 0.00	38.74 -0.09 0.00	35.32 -0.06 0.00	43.09 -0.17 0.00	45.82 -0.30 0.00	47.14 0.02 0.00
ST_LAW_230_BK6_LBMP 345036	49.98 0.05 0.00	43.45 0.19 0.00	38.67 0.19 0.00	37.47 0.17 0.00	37.82 0.14 0.00	37.19 0.02 0.00	36.29 -0.12 0.00	38.45 -0.16 0.00	40.48 -0.18 0.00	39.88 -0.20 0.00	42.96 -0.37 0.00	40.01 -0.38 0.00	43.69 -0.52 0.00	41.34 -0.43 0.00	31.00 -0.27 0.00	32.08 -0.41 0.00	34.08 -0.39 0.00	31.64 -0.40 0.00	34.08 -0.43 0.00	38.74 -0.09 0.00	35.32 -0.06 0.00	43.09 -0.17 0.00	45.82 -0.30 0.00	47.14 0.02 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	50.96 1.03 0.00	43.78 0.52 0.00	38.88 0.40 0.00	37.67 0.36 0.00	38.12 0.44 0.00	37.88 0.72 0.00	37.48 1.06 0.00	39.93 1.31 0.00	42.01 1.35 0.00	41.46 1.38 0.00	45.08 1.75 0.00	42.38 1.99 0.00	46.80 2.59 0.00	44.21 2.43 0.00	33.02 1.76 0.00	34.19 1.70 0.00	36.17 1.70 0.00	33.54 1.50 0.00	36.05 1.53 0.00	40.10 1.27 0.00	36.37 0.99 0.00	44.27 1.02 0.00	47.44 1.32 0.00	48.01 0.89 0.00
SWANROAD_115KV_TB1 355699	49.59 -0.33 0.00	43.48 0.22 0.00	38.49 0.01 0.00	37.44 0.14 0.00	37.57 -0.11 0.00	36.84 -0.33 0.00	36.14 -0.28 0.00	37.83 -0.79 0.00	39.89 -0.78 0.00	40.23 0.15 0.00	44.19 0.86 0.00	40.94 0.55 0.00	45.40 1.18 0.00	45.12 1.11 -2.23	67.07 0.48 -35.33	53.59 1.08 -20.02	42.49 0.90 -7.11	45.66 0.44 -13.18	43.03 0.66 -7.85	40.95 0.23 -1.90	35.14 -0.24 0.00	43.73 0.47 0.00	46.51 0.39 0.00	47.57 0.45 0.00
SYNERGY___BIOGAS 323694	52.03 2.11 0.00	45.46 2.20 0.00	40.22 1.74 0.00	39.07 1.76 0.00	39.27 1.58 0.00	38.62 1.46 0.00	38.02 1.61 0.00	40.07 1.45 0.00	42.35 1.69 0.00	42.30 2.22 0.00	46.07 2.74 0.00	42.17 1.78 0.00	46.70 2.48 0.00	48.70 3.12 -3.80	93.41 2.00 -60.15	68.95 2.38 -34.07	48.73 2.15 -12.11	56.46 1.97 -22.44	50.22 2.34 -13.37	44.19 2.13 -3.23	36.40 1.02 0.00	45.07 1.81 0.00	47.78 1.66 0.00	48.81 1.69 0.00
SYRACUSE___ENERGY_ST1 323597	49.83 -0.09 0.00	43.13 -0.14 0.00	38.32 -0.16 0.00	37.10 -0.20 0.00	37.49 -0.20 0.00	37.01 -0.15 0.00	36.41 0.00 0.00	38.54 -0.07 0.00	40.64 -0.03 0.00	40.14 0.06 0.00	43.48 0.15 0.00	40.33 -0.06 0.00	43.97 -0.25 0.00	41.51 -0.27 0.00	31.08 -0.18 0.00	32.53 0.04 0.00	34.56 0.09 0.00	32.25 0.21 0.00	34.76 0.24 0.00	38.92 0.09 0.00	35.38 0.01 0.00	43.45 0.19 0.00	46.25 0.13 0.00	47.13 0.02 0.00
SYRACUSE___ENERGY_ST2 323598	49.83 -0.09 0.00	43.13 -0.14 0.00	38.32 -0.16 0.00	37.10 -0.20 0.00	37.49 -0.20 0.00	37.01 -0.15 0.00	36.41 0.00 0.00	38.54 -0.07 0.00	40.64 -0.03 0.00	40.14 0.06 0.00	43.48 0.15 0.00	40.33 -0.06 0.00	43.97 -0.25 0.00	41.51 -0.27 0.00	31.08 -0.18 0.00	32.53 0.04 0.00	34.56 0.09 0.00	32.25 0.21 0.00	34.76 0.24 0.00	38.92 0.09 0.00	35.38 0.01 0.00	43.45 0.19 0.00	46.25 0.13 0.00	47.13 0.02 0.00
SYRACUSE___POWER 24017	49.80 -0.12 0.00	43.11 -0.16 0.00	38.30 -0.18 0.00	37.09 -0.21 0.00	37.48 -0.21 0.00	37.06 -0.11 0.00	36.46 0.04 0.00	38.62 0.01 0.00	40.73 0.07 0.00	40.25 0.17 0.00	43.62 0.29 0.00	40.47 0.08 0.00	44.14 -0.08 0.00	41.67 -0.10 0.00	31.19 -0.07 0.00	32.64 0.15 0.00	34.67 0.20 0.00	32.35 0.31 0.00	34.86 0.35 0.00	39.00 0.17 0.00	35.47 0.09 0.00	43.52 0.26 0.00	46.32 0.20 0.00	47.19 0.07 0.00
TALLMAN__138KV_BK151 55660	51.13 1.20 0.00	43.88 0.61 0.00	38.93 0.45 0.00	37.69 0.39 0.00	38.16 0.47 0.00	37.97 0.80 0.00	37.60 1.19 0.00	40.08 1.47 0.00	42.17 1.51 0.00	41.64 1.55 0.00	45.31 1.97 0.00	42.65 2.26 0.00	47.16 2.94 0.00	44.54 2.76 0.00	33.25 1.98 0.00	34.41 1.92 0.00	36.40 1.92 0.00	33.70 1.66 0.00	36.22 1.71 0.00	40.25 1.43 0.00	36.45 1.07 0.00	44.38 1.12 0.00	47.62 1.50 0.00	48.14 1.02 0.00
TEALLAVE_115KV_TB7 355573	49.58 -0.34 0.00	42.94 -0.32 0.00	38.15 -0.33 0.00	36.94 -0.36 0.00	37.33 -0.35 0.00	36.87 -0.30 0.00	36.26 -0.15 0.00	38.41 -0.21 0.00	40.49 -0.17 0.00	40.01 -0.07 0.00	43.34 0.01 0.00	40.25 -0.15 0.00	43.96 -0.26 0.00	41.51 -0.27 0.00	31.10 -0.17 0.00	32.51 0.02 0.00	34.53 0.06 0.00	32.14 0.11 0.00	34.64 0.12 0.00	38.73 -0.10 0.00	35.23 -0.15 0.00	43.24 -0.02 0.00	46.05 -0.06 0.00	46.94 -0.18 0.00
TELGRAPH_34_KV_EAST 80808	50.79 0.86 0.00	44.46 1.20 0.00	39.34 0.86 0.00	38.24 0.94 0.00	38.41 0.73 0.00	37.72 0.56 0.00	37.06 0.65 0.00	38.92 0.30 0.00	41.07 0.40 0.00	41.27 1.19 0.00	45.15 1.82 0.00	41.69 1.30 0.00	46.21 1.99 0.00	47.03 2.19 -3.07	81.10 1.25 -48.60	61.84 1.82 -27.53	46.01 1.76 -9.78	51.53 1.37 -18.13	47.00 1.69 -10.80	42.78 1.34 -2.61	36.00 0.62 0.00	44.68 1.42 0.00	47.45 1.33 0.00	48.43 1.31 0.00

TEMPLE___115KV_TB 2 55572	49.60 -0.33 0.00	42.95 -0.31 0.00	38.16 -0.32 0.00	36.96 -0.34 0.00	37.35 -0.34 0.00	36.88 -0.28 0.00	36.27 -0.14 0.00	38.42 -0.19 0.00	40.51 -0.15 0.00	40.02 -0.06 0.00	43.37 0.04 0.00	40.28 -0.11 0.00	43.99 -0.23 0.00	41.55 -0.22 0.00	31.13 -0.14 0.00	32.55 0.06 0.00	34.56 0.09 0.00	32.17 0.14 0.00	34.67 0.15 0.00	38.76 -0.06 0.00	35.25 -0.13 0.00	43.28 0.02 0.00	46.08 -0.04 0.00	46.97 -0.15 0.00
TIANA___69_KV_BK 1 55817	52.33 2.41 0.00	45.03 1.77 0.00	39.73 1.25 0.00	38.64 1.34 0.00	39.30 1.62 0.00	38.58 1.41 0.00	38.59 2.18 0.00	41.53 2.91 0.00	43.99 3.32 0.00	43.13 3.05 0.00	47.05 3.72 0.00	44.14 3.74 0.00	48.85 4.63 0.00	46.39 4.61 0.00	34.74 3.47 0.00	35.80 3.31 0.00	38.11 3.64 0.00	35.60 3.06 -0.51	37.56 3.05 0.00	41.79 2.96 0.00	37.56 2.18 0.00	45.85 2.59 0.00	49.14 3.03 0.00	49.42 2.30 0.00
TILDEN___115KV_TB1 80814	49.80 -0.12 0.00	43.11 -0.16 0.00	38.30 -0.18 0.00	37.09 -0.21 0.00	37.48 -0.21 0.00	37.06 -0.11 0.00	36.46 0.04 0.00	38.62 0.01 0.00	40.73 0.07 0.00	40.25 0.17 0.00	43.62 0.29 0.00	40.47 0.08 0.00	44.14 -0.08 0.00	41.67 -0.10 0.00	31.19 -0.07 0.00	32.64 0.15 0.00	34.67 0.20 0.00	32.35 0.31 0.00	34.86 0.35 0.00	39.00 0.17 0.00	35.47 0.09 0.00	43.52 0.26 0.00	46.32 0.20 0.00	47.19 0.07 0.00
TRIGEN___CC 323695	51.50 1.58 0.00	44.26 1.00 0.00	39.18 0.70 0.00	38.00 0.70 0.00	38.53 0.85 0.00	38.26 1.10 0.00	38.02 1.61 0.00	40.62 2.00 0.00	42.79 2.13 0.00	42.13 2.05 0.00	46.03 2.71 0.00	43.24 2.84 0.00	47.86 3.64 0.00	45.18 3.41 0.00	33.68 2.42 0.00	34.78 2.29 0.00	36.86 2.38 0.00	34.75 2.20 -0.51	36.77 2.25 0.00	40.73 1.91 0.00	36.72 1.33 0.00	44.96 1.70 0.00	48.18 2.07 0.00	48.60 1.48 0.00
TRINITY___115KV___ 4 BK 55933	50.03 0.11 0.00	43.58 0.32 0.00	38.79 0.31 0.00	37.77 0.47 0.00	38.12 0.43 0.00	37.86 0.70 0.00	37.19 0.78 0.00	39.60 0.99 0.00	41.65 0.99 0.00	40.77 0.69 0.00	43.67 0.34 0.00	40.98 0.59 0.00	44.67 0.45 0.00	42.23 0.45 0.00	31.58 0.32 0.00	32.93 0.44 0.00	34.78 0.31 0.00	32.26 0.22 0.00	34.77 0.26 0.00	38.67 -0.16 0.00	35.50 0.12 0.00	43.12 -0.14 0.00	46.21 0.09 0.00	47.12 0.01 0.00
UNION___PROCESSING_DRP 323587	50.88 0.95 0.00	44.33 1.07 0.00	39.27 0.79 0.00	38.11 0.81 0.00	38.36 0.68 0.00	37.77 0.60 0.00	37.16 0.75 0.00	39.19 0.58 0.00	41.41 0.74 0.00	41.35 1.27 0.00	45.03 1.70 0.00	41.71 1.32 0.00	46.12 1.90 0.00	49.50 2.07 -5.65	122.02 1.37 -89.39	84.94 1.81 -50.64	54.36 1.90 -17.99	66.99 1.60 -33.35	56.22 1.85 -19.86	45.27 1.64 -4.80	36.31 0.93 0.00	44.79 1.53 0.00	47.50 1.38 0.00	48.38 1.26 0.00
UPPER HUDSON___HYD 24058	51.80 1.87 0.00	44.83 1.57 0.00	39.87 1.39 0.00	38.80 1.49 0.00	39.20 1.51 0.00	38.91 1.75 0.00	38.31 1.90 0.00	40.78 2.16 0.00	42.97 2.31 0.00	41.92 1.84 0.00	44.64 1.31 0.00	41.71 1.31 0.00	45.52 1.30 0.00	42.89 1.11 0.00	31.94 0.68 0.00	33.19 0.70 0.00	35.41 0.93 0.00	33.16 1.12 0.00	36.02 1.50 0.00	40.28 1.46 0.00	36.95 1.57 0.00	44.88 1.62 0.00	47.81 1.69 0.00	48.81 1.69 0.00
UPPER RAQUET___HYD 24056	50.59 0.66 0.00	44.02 0.76 0.00	39.19 0.72 0.00	38.01 0.70 0.00	38.35 0.67 0.00	37.72 0.56 0.00	36.90 0.49 0.00	39.02 0.40 0.00	41.10 0.43 0.00	40.42 0.34 0.00	43.34 0.01 0.00	40.28 -0.12 0.00	43.57 -0.65 0.00	41.32 -0.46 0.00	30.76 -0.50 0.00	31.47 -1.02 0.00	33.56 -0.92 0.00	31.24 -0.80 0.00	33.64 -0.88 0.00	38.47 -0.35 0.00	35.17 -0.21 0.00	42.97 -0.29 0.00	45.95 -0.16 0.00	47.59 0.47 0.00
VALLEY44_115KV_TB2 355964	51.08 1.16 0.00	44.08 0.81 0.00	39.15 0.67 0.00	37.82 0.52 0.00	38.34 0.65 0.00	37.85 0.69 0.00	37.44 1.03 0.00	39.49 0.88 0.00	41.50 0.83 0.00	41.69 1.61 0.00	45.87 2.54 0.00	42.34 1.95 0.00	47.29 3.08 0.00	45.69 2.56 -1.36	54.54 1.85 -21.42	47.41 2.78 -12.14	41.45 2.66 -4.31	42.34 2.31 -7.99	41.71 2.44 -4.76	42.28 2.30 -1.15	36.79 1.41 0.00	45.27 2.01 0.00	48.36 2.24 0.00	48.84 1.72 0.00
VALLEY___115KV_TB 1-4 80826	50.36 0.43 0.00	43.49 0.23 0.00	38.71 0.23 0.00	37.57 0.26 0.00	38.02 0.33 0.00	37.59 0.42 0.00	36.94 0.53 0.00	39.28 0.66 0.00	41.43 0.77 0.00	40.60 0.52 0.00	43.77 0.44 0.00	40.80 0.41 0.00	44.73 0.51 0.00	42.26 0.48 0.00	31.19 -0.07 0.00	32.37 -0.12 0.00	34.39 -0.08 0.00	32.26 0.22 0.00	34.80 0.28 0.00	38.97 0.14 0.00	35.76 0.38 0.00	43.54 0.28 0.00	46.56 0.45 0.00	47.38 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	51.43 1.50 0.00	44.38 1.12 0.00	39.51 1.03 0.00	38.27 0.96 0.00	38.71 1.02 0.00	38.32 1.15 0.00	37.76 1.35 0.00	40.12 1.50 0.00	42.26 1.60 0.00	41.72 1.64 0.00	45.27 1.94 0.00	42.34 1.94 0.00	46.52 2.30 0.00	43.87 2.09 0.00	32.80 1.53 0.00	34.22 1.72 0.00	36.27 1.80 0.00	33.70 1.66 0.00	36.24 1.73 0.00	40.41 1.58 0.00	36.73 1.34 0.00	44.78 1.52 0.00	47.80 1.68 0.00	48.55 1.43 0.00
VISCHER___FERRY HYD 24020	50.99 1.07 0.00	44.41 1.14 0.00	39.48 1.00 0.00	38.46 1.16 0.00	38.80 1.11 0.00	38.51 1.34 0.00	37.82 1.41 0.00	40.28 1.66 0.00	42.38 1.72 0.00	41.42 1.34 0.00	44.30 0.97 0.00	41.52 1.13 0.00	45.38 1.17 0.00	42.87 1.09 0.00	31.99 0.73 0.00	33.36 0.87 0.00	35.26 0.78 0.00	32.72 0.68 0.00	35.31 0.80 0.00	39.40 0.57 0.00	36.21 0.83 0.00	43.99 0.73 0.00	47.15 1.03 0.00	48.05 0.93 0.00
V_A_10_SYNC_DSASP 323832	50.11 0.18 0.00	43.84 0.58 0.00	38.85 0.37 0.00	37.75 0.44 0.00	37.94 0.26 0.00	37.29 0.12 0.00	36.59 0.18 0.00	38.42 -0.19 0.00	40.51 -0.16 0.00	40.69 0.61 0.00	44.57 1.24 0.00	41.35 0.96 0.00	45.74 1.52 0.00	44.62 1.45 -1.40	54.19 0.81 -22.12	46.38 1.35 -12.53	40.19 1.26 -4.45	41.15 0.85 -8.26	40.46 1.03 -4.92	40.73 0.71 -1.19	35.57 0.19 0.00	44.09 0.83 0.00	46.84 0.72 0.00	47.80 0.68 0.00
V_CMM_10_SYNC_DSASP 323787	50.08 0.16 0.00	43.66 0.39 0.00	38.89 0.40 0.00	37.65 0.35 0.00	38.01 0.33 0.00	37.36 0.20 0.00	36.46 0.05 0.00	38.62 0.00 0.00	40.66 -0.01 0.00	40.04 -0.04 0.00	43.11 -0.22 0.00	40.17 -0.22 0.00	43.83 -0.38 0.00	41.48 -0.30 0.00	31.11 -0.16 0.00	32.19 -0.30 0.00	34.19 -0.29 0.00	31.74 -0.30 0.00	34.22 -0.30 0.00	38.90 0.07 0.00	35.46 0.08 0.00	43.25 -0.01 0.00	45.91 -0.20 0.00	47.28 0.16 0.00
V_CMP_10_SYNC_DSASP 323788	51.30 1.38 0.00	44.48 1.21 0.00	39.59 1.11 0.00	38.40 1.10 0.00	38.85 1.16 0.00	38.27 1.10 0.00	37.44 1.03 0.00	39.71 1.09 0.00	41.53 0.86 0.00	40.48 0.40 0.00	43.46 0.13 0.00	40.59 0.20 0.00	44.20 -0.01 0.00	41.82 0.04 0.00	31.30 0.04 0.00	32.33 -0.16 0.00	34.47 -0.01 0.00	32.02 -0.02 0.00	34.36 -0.15 0.00	38.85 0.02 0.00	35.48 0.10 0.00	43.19 -0.08 0.00	46.18 0.06 0.00	47.99 0.88 0.00

V_D_10_SYNC_DSASP 323841	50.43 0.51 0.00	43.90 0.64 0.00	39.10 0.62 0.00	37.93 0.63 0.00	38.27 0.59 0.00	37.63 0.46 0.00	36.74 0.32 0.00	38.89 0.27 0.00	40.94 0.27 0.00	40.31 0.23 0.00	43.36 0.03 0.00	40.38 -0.01 0.00	44.02 -0.19 0.00	41.68 -0.09 0.00	31.23 -0.03 0.00	32.28 -0.22 0.00	34.32 -0.16 0.00	31.87 -0.17 0.00	34.35 -0.16 0.00	39.08 0.26 0.00	35.64 0.26 0.00	43.45 0.19 0.00	46.24 0.12 0.00	47.58 0.46 0.00
V_E_10_SYNC_DSASP 323830	53.67 3.74 0.00	46.31 3.05 0.00	40.96 2.48 0.00	39.59 2.29 0.00	40.18 2.49 0.00	39.87 2.71 0.00	39.26 2.85 0.00	41.35 2.73 0.00	43.54 2.87 0.00	42.93 2.85 0.00	46.71 3.38 0.00	43.64 3.24 0.00	46.00 1.78 0.00	42.98 1.20 0.00	32.11 0.85 0.00	34.41 1.91 0.00	36.81 2.34 0.00	34.74 2.70 0.00	37.11 2.60 0.00	40.77 1.94 0.00	37.48 2.10 0.00	45.37 2.11 0.00	47.61 1.50 0.00	48.39 1.28 0.00
V_F_30_NSYNC___DSASP 323816	51.77 1.84 0.00	44.87 1.61 0.00	39.90 1.42 0.00	38.81 1.50 0.00	39.19 1.50 0.00	38.87 1.70 0.00	38.24 1.83 0.00	40.68 2.07 0.00	42.84 2.18 0.00	41.93 1.85 0.00	44.97 1.63 0.00	42.02 1.62 0.00	45.98 1.77 0.00	43.44 1.67 0.00	32.36 1.10 0.00	33.64 1.15 0.00	35.75 1.27 0.00	33.34 1.30 0.00	36.01 1.50 0.00	40.25 1.42 0.00	36.87 1.49 0.00	44.84 1.58 0.00	47.89 1.77 0.00	48.81 1.69 0.00
V_F_30_SYNC_DSASP 323786	50.27 0.35 0.00	43.76 0.50 0.00	38.94 0.46 0.00	37.90 0.60 0.00	38.26 0.58 0.00	38.01 0.84 0.00	37.35 0.94 0.00	39.78 1.16 0.00	41.86 1.19 0.00	40.99 0.91 0.00	43.92 0.59 0.00	41.22 0.83 0.00	44.90 0.69 0.00	42.49 0.71 0.00	31.76 0.50 0.00	33.13 0.64 0.00	35.00 0.53 0.00	32.48 0.44 0.00	34.99 0.47 0.00	38.89 0.06 0.00	35.70 0.32 0.00	43.35 0.09 0.00	46.43 0.31 0.00	47.34 0.22 0.00
V_XM_10_SYNC_DSASP 323789	51.30 1.38 0.00	44.48 1.21 0.00	39.59 1.11 0.00	38.40 1.10 0.00	38.85 1.16 0.00	38.27 1.10 0.00	37.44 1.03 0.00	39.71 1.09 0.00	41.53 0.86 0.00	40.48 0.40 0.00	43.46 0.13 0.00	40.59 0.20 0.00	44.20 -0.01 0.00	41.82 0.04 0.00	31.30 0.04 0.00	32.33 -0.16 0.00	34.47 -0.01 0.00	32.02 -0.02 0.00	34.36 -0.15 0.00	38.85 0.02 0.00	35.48 0.10 0.00	43.19 -0.08 0.00	46.18 0.06 0.00	47.99 0.88 0.00
W.BABYLN_69_KV_BK1 56697	52.27 2.34 0.00	44.92 1.66 0.00	39.68 1.20 0.00	38.50 1.20 0.00	39.10 1.41 0.00	38.72 1.56 0.00	38.61 2.20 0.00	41.29 2.68 0.00	43.57 2.90 0.00	42.85 2.77 0.00	46.77 3.44 0.00	43.93 3.53 0.00	48.67 4.45 0.00	45.96 4.18 0.00	34.20 2.94 0.00	35.30 2.81 0.00	37.48 3.00 0.00	35.22 2.67 -0.51	37.33 2.82 0.00	41.44 2.62 0.00	37.30 1.92 0.00	45.79 2.53 0.00	49.15 3.03 0.00	49.45 2.33 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	51.33 1.40 0.00	44.06 0.79 0.00	39.09 0.61 0.00	37.85 0.55 0.00	38.32 0.64 0.00	38.13 0.97 0.00	37.77 1.36 0.00	40.27 1.65 0.00	42.38 1.72 0.00	41.84 1.76 0.00	45.54 2.21 0.00	42.86 2.47 0.00	47.37 3.16 0.00	44.73 2.95 0.00	33.36 2.10 0.00	34.53 2.04 0.00	36.53 2.06 0.00	33.83 1.80 0.00	36.36 1.84 0.00	40.41 1.58 0.00	36.59 1.21 0.00	44.55 1.29 0.00	47.78 1.66 0.00	48.30 1.18 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	51.44 1.52 0.00	44.19 0.92 0.00	39.21 0.73 0.00	37.96 0.66 0.00	38.44 0.76 0.00	38.28 1.11 0.00	37.98 1.57 0.00	40.53 1.91 0.00	42.72 2.05 0.00	42.13 2.05 0.00	45.84 2.51 0.00	43.13 2.73 0.00	47.65 3.43 0.00	45.02 3.25 0.00	33.62 2.36 0.00	34.78 2.28 0.00	36.69 2.22 0.00	33.98 1.94 0.00	36.46 1.95 0.00	40.52 1.69 0.00	36.68 1.30 0.00	44.75 1.49 0.00	47.99 1.87 0.00	48.49 1.37 0.00
W50THST__13_KV_LOAD 356117	51.67 1.75 0.00	44.38 1.12 0.00	39.37 0.89 0.00	38.13 0.83 0.00	38.62 0.94 0.00	38.47 1.30 0.00	38.19 1.78 0.00	40.80 2.18 0.00	43.02 2.35 0.00	42.45 2.37 0.00	46.18 2.85 0.00	43.46 3.07 0.00	48.01 3.80 0.00	45.36 3.58 0.00	33.89 2.62 0.00	35.05 2.56 0.00	36.97 2.49 0.00	34.23 2.20 0.00	36.72 2.21 0.00	40.77 1.94 0.00	36.90 1.51 0.00	44.99 1.73 0.00	48.24 2.13 0.00	48.70 1.58 0.00
WADING RIVER_IC_1 23522	51.55 1.62 0.00	44.34 1.07 0.00	39.13 0.66 0.00	38.17 0.86 0.00	38.78 1.10 0.00	38.14 0.97 0.00	38.04 1.63 0.00	40.86 2.25 0.00	43.25 2.58 0.00	42.42 2.34 0.00	46.05 2.72 0.00	43.10 2.71 0.00	47.72 3.50 0.00	45.35 3.57 0.00	34.07 2.80 0.00	35.06 2.57 0.00	37.30 2.82 0.00	34.83 2.28 -0.51	37.06 2.55 0.00	41.29 2.46 0.00	37.15 1.77 0.00	45.28 2.02 0.00	48.54 2.42 0.00	48.87 1.75 0.00
WADING RIVER_IC_2 23547	51.55 1.62 0.00	44.34 1.07 0.00	39.13 0.66 0.00	38.17 0.86 0.00	38.78 1.10 0.00	38.14 0.97 0.00	38.04 1.63 0.00	40.86 2.25 0.00	43.25 2.58 0.00	42.42 2.34 0.00	46.05 2.72 0.00	43.10 2.71 0.00	47.72 3.50 0.00	45.35 3.57 0.00	34.07 2.80 0.00	35.06 2.57 0.00	37.30 2.82 0.00	34.83 2.28 -0.51	37.06 2.55 0.00	41.29 2.46 0.00	37.15 1.77 0.00	45.28 2.02 0.00	48.54 2.42 0.00	48.87 1.75 0.00
WADING RIVER_IC_3 23601	51.55 1.62 0.00	44.34 1.07 0.00	39.13 0.66 0.00	38.17 0.86 0.00	38.78 1.10 0.00	38.14 0.97 0.00	38.04 1.63 0.00	40.86 2.25 0.00	43.25 2.58 0.00	42.42 2.34 0.00	46.05 2.72 0.00	43.10 2.71 0.00	47.72 3.50 0.00	45.35 3.57 0.00	34.07 2.80 0.00	35.06 2.57 0.00	37.30 2.82 0.00	34.83 2.28 -0.51	37.06 2.55 0.00	41.29 2.46 0.00	37.15 1.77 0.00	45.28 2.02 0.00	48.54 2.42 0.00	48.87 1.75 0.00
WALDENNY_12_KV_BK2 80841	51.06 1.14 0.00	44.64 1.38 0.00	39.50 1.03 0.00	38.33 1.03 0.00	38.50 0.81 0.00	37.77 0.61 0.00	37.07 0.66 0.00	38.83 0.21 0.00	40.97 0.31 0.00	41.35 1.27 0.00	45.46 2.13 0.00	42.15 1.76 0.00	46.76 2.54 0.00	46.03 2.47 -1.78	61.03 1.61 -28.16	50.81 2.36 -15.95	42.42 2.28 -5.67	44.30 1.75 -10.51	42.82 2.05 -6.26	41.98 1.64 -1.51	36.40 1.02 0.00	45.26 2.00 0.00	47.97 1.85 0.00	48.84 1.72 0.00
WALDEN___HYDRO 24148	51.21 1.29 0.00	44.01 0.75 0.00	39.07 0.59 0.00	37.85 0.54 0.00	38.29 0.61 0.00	38.06 0.90 0.00	37.69 1.27 0.00	40.16 1.54 0.00	42.27 1.60 0.00	41.70 1.61 0.00	45.32 1.99 0.00	42.60 2.21 0.00	47.06 2.84 0.00	44.46 2.68 0.00	33.19 1.93 0.00	34.34 1.85 0.00	36.35 1.88 0.00	33.74 1.71 0.00	36.28 1.76 0.00	40.35 1.52 0.00	36.59 1.21 0.00	44.55 1.29 0.00	47.70 1.58 0.00	48.27 1.15 0.00
WARRENSBURG____ 23737	51.80 1.88 0.00	44.83 1.56 0.00	39.87 1.40 0.00	38.79 1.49 0.00	39.20 1.51 0.00	38.91 1.75 0.00	38.32 1.91 0.00	40.78 2.17 0.00	42.97 2.31 0.00	41.92 1.84 0.00	44.65 1.32 0.00	41.70 1.31 0.00	45.52 1.30 0.00	42.89 1.11 0.00	31.94 0.68 0.00	33.19 0.70 0.00	35.41 0.93 0.00	33.16 1.13 0.00	36.01 1.50 0.00	40.28 1.46 0.00	36.95 1.57 0.00	44.88 1.62 0.00	47.81 1.69 0.00	48.82 1.70 0.00

WATERSIDE___6 8 9 23538	51.37 1.46 0.00	44.17 0.90 0.00	39.19 0.71 0.00	37.95 0.65 0.00	38.44 0.76 0.00	38.28 1.11 0.00	38.00 1.59 0.00	40.56 1.94 0.00	42.71 2.05 0.00	42.13 2.05 0.00	45.81 2.48 0.00	43.12 2.73 0.00	47.59 3.37 0.00	44.99 3.21 0.00	33.59 2.33 0.00	34.66 2.16 0.00	36.60 2.13 0.00	33.90 1.86 0.00	36.37 1.86 0.00	40.42 1.59 0.00	36.61 1.23 0.00	44.70 1.45 0.00	47.95 1.84 0.00	48.40 1.28 0.00
WATKINRD_115KV_LN8_ILLION 55919	50.17 0.25 0.00	43.38 0.12 0.00	38.60 0.12 0.00	37.45 0.14 0.00	37.89 0.21 0.00	37.45 0.29 0.00	36.79 0.38 0.00	39.10 0.48 0.00	41.23 0.56 0.00	40.44 0.36 0.00	43.65 0.32 0.00	40.71 0.31 0.00	44.61 0.40 0.00	42.15 0.38 0.00	31.22 -0.04 0.00	32.41 -0.08 0.00	34.42 -0.05 0.00	32.20 0.16 0.00	34.73 0.21 0.00	38.91 0.08 0.00	35.62 0.24 0.00	43.41 0.15 0.00	46.38 0.27 0.00	47.25 0.13 0.00
WDELAWARE___HYD 323627	50.48 0.56 0.00	43.39 0.12 0.00	38.51 0.03 0.00	37.29 -0.01 0.00	37.74 0.06 0.00	37.50 0.34 0.00	37.11 0.70 0.00	39.54 0.93 0.00	41.64 0.98 0.00	41.10 1.02 0.00	44.70 1.37 0.00	41.98 1.58 0.00	46.38 2.17 0.00	43.83 2.06 0.00	32.68 1.41 0.00	33.85 1.36 0.00	35.88 1.41 0.00	33.33 1.29 0.00	35.82 1.31 0.00	39.91 1.09 0.00	36.17 0.79 0.00	44.02 0.76 0.00	47.09 0.97 0.00	47.65 0.53 0.00
WEST BABYLON___IC 23714	52.27 2.34 0.00	44.92 1.66 0.00	39.68 1.20 0.00	38.50 1.20 0.00	39.10 1.41 0.00	38.72 1.56 0.00	38.61 2.20 0.00	41.29 2.68 0.00	43.57 2.90 0.00	42.85 2.77 0.00	46.77 3.44 0.00	43.93 3.53 0.00	48.67 4.45 0.00	45.96 4.18 0.00	34.20 2.94 0.00	35.30 2.81 0.00	37.48 3.00 0.00	35.22 2.67 -0.51	37.33 2.82 0.00	41.44 2.62 0.00	37.30 1.92 0.00	45.79 2.53 0.00	49.15 3.03 0.00	49.45 2.33 0.00
WEST CANADA___HYD 24049	49.93 0.01 0.00	43.25 -0.02 0.00	38.48 0.00 0.00	37.30 0.00 0.00	37.69 0.00 0.00	37.21 0.05 0.00	36.53 0.12 0.00	38.77 0.16 0.00	40.83 0.17 0.00	40.22 0.14 0.00	43.50 0.17 0.00	40.56 0.16 0.00	44.44 0.22 0.00	41.93 0.15 0.00	31.35 0.08 0.00	32.57 0.08 0.00	34.58 0.10 0.00	32.13 0.09 0.00	34.64 0.13 0.00	38.85 0.02 0.00	35.41 0.03 0.00	43.26 0.00 0.00	46.14 0.02 0.00	47.10 -0.02 0.00
WESTERN_NY_WIND 24143	51.98 2.05 0.00	45.42 2.16 0.00	40.18 1.70 0.00	39.03 1.73 0.00	39.22 1.54 0.00	38.57 1.40 0.00	37.98 1.57 0.00	40.01 1.40 0.00	42.30 1.63 0.00	42.25 2.17 0.00	46.02 2.69 0.00	42.15 1.76 0.00	46.68 2.46 0.00	48.51 3.10 -3.63	90.59 1.96 -57.37	67.35 2.36 -32.50	48.18 2.16 -11.55	55.44 1.99 -21.40	49.62 2.36 -12.75	44.05 2.14 -3.08	36.42 1.04 0.00	45.12 1.86 0.00	47.84 1.72 0.00	48.85 1.73 0.00
WESTOVER___LESR 323668	50.33 0.41 0.00	43.43 0.17 0.00	38.61 0.13 0.00	37.34 0.04 0.00	37.81 0.12 0.00	37.35 0.18 0.00	36.79 0.38 0.00	38.97 0.36 0.00	41.08 0.42 0.00	40.64 0.56 0.00	44.25 0.92 0.00	41.14 0.75 0.00	45.15 0.93 0.00	42.66 0.89 0.00	31.90 0.63 0.00	33.47 0.98 0.00	35.41 0.94 0.00	32.95 0.91 0.00	35.46 0.94 0.00	39.53 0.70 0.00	35.89 0.51 0.00	43.96 0.70 0.00	46.84 0.73 0.00	47.59 0.47 0.00
WETHRSFD_WT_PWR 323626	45.90 0.85 4.88	37.07 0.97 7.17	34.35 0.64 4.77	32.29 0.49 5.50	35.50 0.31 2.50	35.75 0.05 1.46	34.52 0.14 2.03	37.55 -0.40 0.67	39.25 -0.50 0.91	39.79 0.49 0.78	44.67 1.34 0.00	40.90 0.51 0.00	45.38 1.16 0.00	44.79 1.57 -1.45	54.92 0.77 -22.89	46.95 1.49 -12.97	40.58 1.50 -4.61	41.91 1.34 -8.54	41.36 1.76 -5.09	40.90 0.84 -1.23	35.88 0.63 0.12	44.55 1.39 0.10	47.20 1.15 0.06	47.97 0.85 0.00
WHAVSTOR_138KV_BK127 55557	51.07 1.15 0.00	43.84 0.58 0.00	38.90 0.42 0.00	37.68 0.37 0.00	38.14 0.45 0.00	37.95 0.78 0.00	37.58 1.17 0.00	40.07 1.45 0.00	42.15 1.48 0.00	41.60 1.52 0.00	45.27 1.94 0.00	42.60 2.21 0.00	47.08 2.86 0.00	44.46 2.68 0.00	33.18 1.92 0.00	34.33 1.84 0.00	36.30 1.83 0.00	33.62 1.58 0.00	36.13 1.62 0.00	40.16 1.33 0.00	36.37 0.99 0.00	44.29 1.04 0.00	47.51 1.40 0.00	48.06 0.94 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	51.07 1.15 0.00	43.84 0.58 0.00	38.90 0.42 0.00	37.68 0.37 0.00	38.14 0.45 0.00	37.95 0.78 0.00	37.58 1.17 0.00	40.07 1.45 0.00	42.15 1.48 0.00	41.60 1.52 0.00	45.27 1.94 0.00	42.60 2.21 0.00	47.08 2.86 0.00	44.46 2.68 0.00	33.18 1.92 0.00	34.33 1.84 0.00	36.30 1.83 0.00	33.62 1.58 0.00	36.13 1.62 0.00	40.16 1.33 0.00	36.37 0.99 0.00	44.29 1.04 0.00	47.51 1.40 0.00	48.06 0.94 0.00
WHITEHAL_115KV_TB1 80871	53.73 3.81 0.00	46.19 2.92 0.00	41.13 2.65 0.00	40.16 2.86 0.00	40.61 2.92 0.00	40.37 3.20 0.00	39.81 3.40 0.00	42.41 3.79 0.00	44.44 3.78 0.00	42.78 2.70 0.00	45.48 2.15 0.00	42.61 2.21 0.00	46.17 1.95 0.00	43.80 2.03 0.00	32.62 1.36 0.00	34.15 1.66 0.00	36.72 2.25 0.00	34.56 2.52 0.00	37.31 2.79 0.00	41.75 2.92 0.00	38.09 2.71 0.00	46.08 2.83 0.00	49.34 3.23 0.00	50.50 3.38 0.00
WHITEPLN_13_KV_LOAD 356215	51.79 1.87 0.00	44.48 1.22 0.00	39.45 0.97 0.00	38.20 0.90 0.00	38.68 0.99 0.00	38.51 1.34 0.00	38.20 1.79 0.00	40.79 2.18 0.00	42.97 2.30 0.00	42.39 2.30 0.00	46.11 2.78 0.00	43.40 3.00 0.00	47.94 3.72 0.00	45.27 3.50 0.00	33.81 2.55 0.00	34.97 2.48 0.00	36.95 2.47 0.00	34.25 2.21 0.00	36.78 2.26 0.00	40.86 2.03 0.00	37.00 1.61 0.00	45.10 1.84 0.00	48.28 2.16 0.00	48.77 1.65 0.00
WM_FLOYD_69_KV_BK2 356380	51.81 1.89 0.00	44.55 1.29 0.00	39.33 0.85 0.00	38.28 0.97 0.00	38.89 1.20 0.00	38.35 1.18 0.00	38.29 1.88 0.00	41.05 2.44 0.00	43.41 2.74 0.00	42.58 2.50 0.00	46.29 2.96 0.00	43.38 2.99 0.00	48.13 3.91 0.00	45.61 3.84 0.00	34.12 2.86 0.00	35.12 2.63 0.00	37.36 2.89 0.00	34.95 2.40 -0.51	37.12 2.60 0.00	41.31 2.48 0.00	37.18 1.80 0.00	45.49 2.23 0.00	48.81 2.70 0.00	49.10 1.98 0.00
WOODARD___115KV_TB2 355635	49.45 -0.47 0.00	42.83 -0.43 0.00	38.05 -0.42 0.00	36.87 -0.43 0.00	37.25 -0.44 0.00	36.78 -0.39 0.00	36.16 -0.25 0.00	38.31 -0.31 0.00	40.38 -0.28 0.00	39.88 -0.20 0.00	43.18 -0.15 0.00	40.11 -0.29 0.00	43.78 -0.44 0.00	41.35 -0.42 0.00	30.97 -0.29 0.00	32.38 -0.12 0.00	34.39 -0.08 0.00	32.02 -0.02 0.00	34.50 -0.02 0.00	38.61 -0.22 0.00	35.12 -0.26 0.00	43.13 -0.13 0.00	45.91 -0.21 0.00	46.82 -0.30 0.00
YORK___WARBASSE 23770	51.52 1.60 0.00	44.29 1.03 0.00	39.29 0.81 0.00	38.04 0.74 0.00	38.53 0.85 0.00	38.39 1.22 0.00	38.09 1.68 0.00	40.62 2.00 0.00	42.75 2.08 0.00	42.16 2.08 0.00	45.85 2.52 0.00	43.15 2.76 0.00	47.63 3.41 0.00	45.06 3.28 0.00	33.64 2.37 0.00	34.70 2.21 0.00	36.68 2.20 0.00	33.94 1.90 0.00	36.43 1.91 0.00	40.51 1.68 0.00	36.68 1.31 0.00	44.81 1.55 0.00	48.07 1.95 0.00	48.55 1.43 0.00

EXCELSIOR___SOLAR
323857

45.53	44.36	52.09	45.10	39.71	40.40	40.02	40.66	35.62	44.05	46.78	47.72
1.31	1.31	0.76	1.24	1.19	0.87	1.04	0.75	0.24	0.78	0.67	0.60
0.00	-1.27	-20.07	-11.37	-4.04	-7.49	-4.46	-1.08	0.00	0.00	0.00	0.00