

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/12/2026

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	45.68	37.11	32.23	31.87	31.97	40.58	49.22	51.61	34.57	35.95	34.09	37.49	37.98	45.60	46.08	51.40	51.68	51.70	52.69	50.86	50.90	52.20	51.28	46.30
24138	2.60	1.88	1.49	1.40	1.38	1.63	2.06	2.15	1.92	2.17	2.32	2.78	3.14	3.95	3.98	4.17	3.81	3.26	2.93	2.83	2.79	3.05	3.37	3.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.76	37.18	32.29	31.93	32.02	40.65	49.30	51.70	34.65	35.99	34.11	37.51	38.01	45.63	46.14	51.45	51.64	51.61	52.66	50.83	50.88	52.27	51.42	46.39
24260	2.68	1.96	1.55	1.46	1.43	1.70	2.15	2.23	1.99	2.22	2.33	2.80	3.17	3.98	4.04	4.22	3.77	3.17	2.89	2.80	2.77	3.12	3.51	3.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.76	37.18	32.29	31.93	32.02	40.65	49.30	51.70	34.65	35.99	34.11	37.51	38.01	45.63	46.14	51.45	51.64	51.61	52.66	50.83	50.88	52.27	51.42	46.39
24261	2.68	1.96	1.55	1.46	1.43	1.70	2.15	2.23	1.99	2.22	2.33	2.80	3.17	3.98	4.04	4.22	3.77	3.17	2.89	2.80	2.77	3.12	3.51	3.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.89	36.65	32.08	31.77	31.93	40.81	49.39	51.72	33.85	34.58	31.85	34.60	34.54	41.53	42.22	47.67	48.75	50.08	51.80	50.74	51.01	52.07	50.54	45.34
24011	1.81	1.43	1.34	1.30	1.34	1.86	2.23	2.25	1.19	0.81	0.08	-0.11	-0.30	-0.13	0.11	0.44	0.88	1.65	2.03	2.71	2.90	2.92	2.62	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.05	36.78	32.22	31.92	32.07	41.03	49.65	51.97	33.96	34.66	31.81	34.52	34.42	41.36	42.08	47.61	48.72	50.26	51.96	51.08	51.38	52.36	50.76	45.45
23798	1.97	1.55	1.48	1.45	1.48	2.07	2.50	2.51	1.30	0.89	0.03	-0.18	-0.42	-0.29	-0.03	0.37	0.85	1.83	2.19	3.05	3.27	3.21	2.85	2.18
	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
ADK S GLENS___FALLS	44.89	36.65	32.08	31.77	31.93	40.81	49.39	51.72	33.85	34.58	31.85	34.60	34.54	41.53	42.22	47.67	48.75	50.08	51.80	50.74	51.01	52.07	50.54	45.34
24028	1.81	1.43	1.34	1.30	1.34	1.86	2.23	2.25	1.19	0.81	0.08	-0.11	-0.30	-0.13	0.11	0.44	0.88	1.65	2.03	2.71	2.90	2.92	2.62	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.64	36.44	31.97	31.59	31.76	40.66	49.21	51.60	33.93	34.81	32.17	35.02	35.07	42.14	42.61	47.95	48.80	49.05	50.50	49.29	49.62	51.29	49.83	44.82
23527	1.56	1.21	1.23	1.12	1.18	1.70	2.06	2.14	1.27	1.04	0.39	0.32	0.23	0.48	0.50	0.72	0.94	0.62	0.73	1.26	1.51	2.14	1.92	1.56
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.20	35.30	30.89	30.58	30.72	39.16	47.20	49.62	32.78	33.80	31.63	34.52	34.70	41.63	42.17	47.28	47.95	48.35	49.75	48.24	48.42	49.62	48.34	43.59
24190	0.12	0.07	0.15	0.11	0.13	0.20	0.05	0.15	0.12	0.03	-0.14	-0.18	-0.14	-0.02	0.07	0.05	0.09	-0.08	-0.02	0.21	0.31	0.47	0.43	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	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	43.13	35.53	31.11	30.84	30.97	39.37	47.55	49.98	33.07	34.04	32.08	34.98	34.99	41.71	41.98	46.95	47.46	48.31	49.91	48.00	47.94	48.91	47.58	42.96
355683	0.05	0.30	0.37	0.37	0.38	0.41	0.39	0.51	0.41	0.27	0.30	0.27	0.15	0.06	-0.12	-0.28	-0.41	-0.13	0.14	-0.03	-0.17	-0.24	-0.33	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.14	36.02	31.48	31.20	31.34	39.96	48.27	50.62	33.30	34.12	31.89	34.79	34.95	42.02	42.59	47.77	48.49	49.09	50.81	49.33	49.49	50.66	49.38	44.51
323833	1.06	0.79	0.74	0.73	0.75	1.00	1.12	1.15	0.64	0.34	0.12	0.08	0.11	0.36	0.49	0.54	0.62	0.66	1.04	1.30	1.37	1.52	1.47	1.25
	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_2_SOLAR	44.12	36.00	31.48	31.20	31.33	39.94	48.26	50.61	33.29	34.11	31.89	34.78	34.95	42.01	42.59	47.74	48.48	49.09	50.79	49.31	49.47	50.65	49.36	44.51
323834	1.04	0.78	0.74	0.73	0.74	0.98	1.10	1.14	0.63	0.34	0.11	0.08	0.11	0.35	0.49	0.51	0.61	0.65	1.02	1.29	1.36	1.50	1.45	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.20	35.30	30.89	30.58	30.72	39.16	47.20	49.62	32.78	33.80	31.63	34.52	34.70	41.63	42.17	47.28	47.95	48.35	49.75	48.24	48.42	49.62	48.34	43.59
23571	0.12	0.07	0.15	0.11	0.13	0.20	0.05	0.15	0.12	0.03	-0.14	-0.18	-0.14	-0.02	0.07	0.05	0.09	-0.08	-0.02	0.21	0.31	0.47	0.43	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	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	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.58 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.09 0.00	48.35 -0.08 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.31 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
ALBANY___3 23573	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.58 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.09 0.00	48.35 -0.08 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.31 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
ALBANY___4 23574	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.58 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.09 0.00	48.35 -0.08 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.31 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
ALBANY___LFGE 323615	43.63 0.55 0.00	35.64 0.42 0.00	31.18 0.44 0.00	30.87 0.40 0.00	31.00 0.42 0.00	39.53 0.58 0.00	47.70 0.54 0.00	50.11 0.64 0.00	33.08 0.43 0.00	34.10 0.33 0.00	31.89 0.11 0.00	34.80 0.10 0.00	34.97 0.13 0.00	41.99 0.33 0.00	42.57 0.46 0.00	47.76 0.53 0.00	48.47 0.60 0.00	48.91 0.48 0.00	50.35 0.58 0.00	48.82 0.79 0.00	48.99 0.87 0.00	50.20 1.05 0.00	48.89 0.98 0.00	44.06 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	43.33 0.25 0.00	35.73 0.50 0.00	31.27 0.54 0.00	31.01 0.54 0.00	31.16 0.57 0.00	39.63 0.68 0.00	47.86 0.70 0.00	50.28 0.82 0.00	33.16 0.51 0.00	34.19 0.42 0.00	32.21 0.44 0.00	35.12 0.42 0.00	35.13 0.29 0.00	41.88 0.23 0.00	42.09 -0.02 0.00	47.09 -0.14 0.00	47.61 -0.25 0.00	48.45 0.01 0.00	50.12 0.35 0.00	48.20 0.18 0.00	48.18 0.07 0.00	49.18 0.03 0.00	47.84 -0.07 0.00	43.17 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	43.33 0.25 0.00	35.73 0.50 0.00	31.27 0.54 0.00	31.01 0.54 0.00	31.16 0.57 0.00	39.63 0.68 0.00	47.86 0.70 0.00	50.28 0.81 0.00	33.16 0.51 0.00	34.19 0.42 0.00	32.21 0.44 0.00	35.12 0.42 0.00	35.13 0.29 0.00	41.88 0.23 0.00	42.09 -0.02 0.00	47.08 -0.15 0.00	47.61 -0.25 0.00	48.45 0.01 0.00	50.12 0.35 0.00	48.20 0.17 0.00	48.18 0.07 0.00	49.18 0.03 0.00	47.84 -0.07 0.00	43.17 -0.09 0.00
ALCOA___DSASP 323711	43.33 0.25 0.00	35.73 0.50 0.00	31.27 0.54 0.00	31.01 0.54 0.00	31.16 0.57 0.00	39.63 0.68 0.00	47.86 0.70 0.00	50.28 0.81 0.00	33.16 0.51 0.00	34.19 0.42 0.00	32.21 0.44 0.00	35.12 0.42 0.00	35.13 0.29 0.00	41.88 0.23 0.00	42.09 -0.02 0.00	47.08 -0.15 0.00	47.61 -0.25 0.00	48.45 0.01 0.00	50.12 0.35 0.00	48.20 0.17 0.00	48.18 0.07 0.00	49.18 0.03 0.00	47.84 -0.07 0.00	43.17 -0.09 0.00
ALLEGHENY___COGEN 23514	43.05 -0.03 0.00	34.72 -0.51 0.00	30.18 -0.57 0.00	29.91 -0.56 0.00	29.91 -0.68 0.00	38.19 -0.77 0.00	46.52 -0.64 0.00	49.17 -0.29 0.00	31.71 -0.94 0.00	32.88 -0.89 0.00	31.02 -0.76 0.00	34.02 -0.69 0.00	34.24 -0.60 0.00	40.45 -1.20 0.00	40.87 -1.24 0.00	46.92 -0.31 0.00	47.94 0.07 0.00	49.24 0.80 0.00	50.36 0.59 0.00	49.31 0.24 -1.04	48.35 0.21 -0.03	49.17 -0.04 -0.06	47.76 -0.11 0.04	43.42 0.15 0.00
ALTAMONT_115KV_TB 2 55880	43.75 0.67 0.00	35.70 0.48 0.00	31.20 0.46 0.00	30.90 0.43 0.00	31.04 0.45 0.00	39.56 0.60 0.00	47.83 0.67 0.00	50.14 0.67 0.00	33.11 0.46 0.00	34.19 0.42 0.00	32.05 0.28 0.00	34.99 0.28 0.00	35.17 0.33 0.00	42.20 0.55 0.00	42.73 0.63 0.00	47.89 0.67 0.00	48.54 0.67 0.00	49.00 0.57 0.00	50.39 0.62 0.00	48.82 0.80 0.00	48.99 0.88 0.00	50.16 1.01 0.00	48.92 1.01 0.00	44.12 0.86 0.00
ALTONA_WT_PWR 323606	43.40 0.32 0.00	35.65 0.42 0.00	31.24 0.50 0.00	30.99 0.52 0.00	31.12 0.53 0.00	39.64 0.69 0.00	47.91 0.75 0.00	50.26 0.79 0.00	33.11 0.45 0.00	34.12 0.35 0.00	32.10 0.32 0.00	35.01 0.30 0.00	35.03 0.19 0.00	41.81 0.15 0.00	42.07 -0.04 0.00	47.16 -0.07 0.00	47.75 -0.12 0.00	48.56 0.13 0.00	50.25 0.48 0.00	48.24 0.21 0.00	48.06 -0.05 0.00	48.93 -0.22 0.00	47.34 -0.58 0.00	42.51 -0.75 0.00
AMERICAN_REF_FUEL 24010	39.83 -3.25 0.00	32.02 -3.21 0.00	27.96 -2.78 0.00	27.72 -2.75 0.00	27.72 -2.87 0.00	35.42 -3.53 0.00	43.25 -3.90 0.00	46.10 -3.37 0.00	30.43 -2.23 0.00	32.39 -1.38 0.00	30.48 -1.29 0.00	33.37 -1.34 0.00	33.32 -1.52 0.00	39.15 -2.51 0.00	39.38 -2.72 0.00	44.09 -3.14 0.00	44.46 -3.41 0.00	45.27 -3.17 0.00	46.20 -3.57 0.00	43.99 -3.78 0.26	44.40 -3.70 0.01	45.07 -3.89 0.19	44.09 -3.77 0.05	40.31 -2.95 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	41.01 -2.07 0.00	33.07 -2.16 0.00	28.65 -2.09 0.00	28.44 -2.03 0.00	28.35 -2.24 0.00	36.30 -2.66 0.00	44.58 -2.58 0.00	47.15 -2.32 0.00	31.01 -1.65 0.00	33.03 -0.74 0.00	31.39 -0.39 0.00	34.46 -0.24 0.00	34.48 -0.35 0.00	40.92 -0.74 0.00	40.95 -1.15 0.00	46.36 -0.87 0.00	46.45 -1.42 0.00	47.14 -1.29 0.00	47.80 -1.97 0.00	45.15 -2.64 0.24	45.37 -2.74 0.01	46.29 -2.69 0.17	45.57 -2.30 0.05	41.71 -1.56 0.00
ARTHUR KILL_GT_1 23520	45.43 2.35 0.00	37.06 1.83 0.00	32.13 1.39 0.00	31.75 1.28 0.00	31.83 1.24 0.00	40.36 1.40 0.00	48.62 1.46 0.00	50.95 1.48 0.00	34.41 1.75 0.00	35.59 1.82 0.00	33.69 1.92 0.00	37.02 2.31 0.00	37.53 2.69 0.00	45.07 3.42 0.00	45.65 3.54 0.00	50.71 3.48 0.00	51.00 3.13 0.00	50.85 2.42 0.00	51.90 2.13 0.00	50.15 2.12 0.00	50.24 2.13 0.00	51.44 2.36 0.07	50.82 2.92 0.00	46.11 2.85 0.00
ARTHUR_KILL_2 23512	45.29 2.21 0.00	36.95 1.72 0.00	32.04 1.30 0.00	31.66 1.19 0.00	31.74 1.15 0.00	40.24 1.28 0.00	48.51 1.35 0.00	50.80 1.33 0.01	34.31 1.66 0.00	35.50 1.73 0.00	33.60 1.83 0.00	36.91 2.21 0.00	37.43 2.59 0.00	44.94 3.29 0.00	45.53 3.42 0.00	50.55 3.32 0.00	50.81 2.94 0.00	50.64 2.22 0.00	51.70 1.93 0.01	49.95 1.93 0.00	50.02 1.92 0.00	51.27 2.20 0.08	50.65 2.74 0.00	45.95 2.69 0.00
ARTHUR_KILL_3 23513	45.25 2.18 0.00	36.76 1.53 0.00	31.90 1.16 0.00	31.57 1.10 0.00	31.66 1.08 0.00	40.19 1.24 0.00	48.77 1.61 0.00	51.08 1.62 0.00	34.23 1.57 0.00	35.53 1.76 0.00	33.69 1.92 0.00	37.04 2.33 0.00	37.56 2.72 0.00	45.11 3.46 0.00	45.60 3.50 0.00	50.83 3.60 0.00	51.08 3.21 0.00	51.11 2.68 0.00	52.13 2.36 0.00	50.30 2.27 0.00	50.37 2.26 0.00	51.68 2.52 0.00	50.81 2.90 0.00	45.85 2.59 0.00

ARTHUR_KILL_COGEN 323718	45.43 2.35 0.00	37.06 1.83 0.00	32.14 1.40 0.00	31.75 1.28 0.00	31.83 1.24 0.00	40.36 1.40 0.00	48.65 1.50 0.00	50.94 1.47 0.01	34.41 1.75 0.00	35.59 1.82 0.00	33.69 1.92 0.00	37.02 2.31 0.00	37.53 2.69 0.00	45.07 3.42 0.00	45.66 3.55 0.00	50.72 3.50 0.00	50.99 3.13 0.00	50.83 2.40 0.00	51.88 2.12 0.01	50.14 2.12 0.00	50.21 2.10 0.00	51.43 2.36 0.08	50.82 2.91 0.00	46.10 2.84 0.00
ASHOKAN____ 23654	44.62 1.54 0.00	36.29 1.06 0.00	31.59 0.84 0.00	31.27 0.80 0.00	31.38 0.79 0.00	39.97 1.02 0.00	48.44 1.29 0.00	50.88 1.41 0.00	33.74 1.08 0.00	34.87 1.10 0.00	32.76 0.98 0.00	35.84 1.14 0.00	36.19 1.35 0.00	43.61 1.95 0.00	44.07 1.97 0.00	49.29 2.06 0.00	50.03 2.16 0.00	50.48 2.04 0.00	52.07 2.30 0.00	50.44 2.41 0.00	50.50 2.39 0.00	51.58 2.43 0.00	50.33 2.42 0.00	45.26 2.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.28 2.20 0.00	36.83 1.61 0.00	31.96 1.21 0.00	31.63 1.16 0.00	31.70 1.11 0.00	40.20 1.25 0.00	48.70 1.54 0.00	50.96 1.49 0.00	34.32 1.66 0.00	35.59 1.82 0.00	33.72 1.94 0.00	37.04 2.33 0.00	37.56 2.72 0.00	45.04 3.39 0.00	45.59 3.48 0.00	50.74 3.52 0.00	51.00 3.13 0.00	50.97 2.54 0.00	51.97 2.21 0.01	50.16 2.14 0.00	50.22 2.11 0.00	51.58 2.43 0.00	50.80 2.89 0.00	45.97 2.70 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.28 2.20 0.00	36.83 1.61 0.00	31.96 1.21 0.00	31.63 1.16 0.00	31.69 1.11 0.00	40.20 1.25 0.00	48.70 1.54 0.00	50.96 1.49 0.00	34.32 1.66 0.00	35.59 1.82 0.00	33.72 1.94 0.00	37.04 2.33 0.00	37.56 2.72 0.00	45.04 3.39 0.00	45.59 3.48 0.00	50.74 3.52 0.00	51.00 3.13 0.00	50.97 2.54 0.00	51.97 2.21 0.01	50.16 2.14 0.00	50.22 2.11 0.00	51.58 2.43 0.00	50.80 2.89 0.00	45.97 2.70 0.00
ASTORIA_GT2_1 24094	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT2_2 24095	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT2_3 24096	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT2_4 24097	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT3_1 24098	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT3_2 24099	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT3_3 24100	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT3_4 24101	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT4_1 24102	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT4_2 24103	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT4_3 24104	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00

ASTORIA_GT4_4 24105	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.71 1.55 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.05 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.03 3.16 0.00	51.00 2.57 0.00	52.05 2.29 0.01	50.20 2.17 0.00	50.28 2.17 0.00	51.60 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA_GT_1 23523	45.39 2.31 0.00	36.93 1.70 0.00	32.03 1.29 0.00	31.70 1.23 0.00	31.77 1.18 0.00	40.30 1.34 0.00	48.80 1.64 0.00	51.07 1.61 0.00	34.39 1.73 0.00	35.69 1.92 0.00	33.81 2.03 0.00	37.13 2.43 0.00	37.67 2.83 0.00	45.17 3.51 0.00	45.70 3.59 0.00	50.88 3.65 0.00	51.14 3.27 0.00	51.12 2.69 0.00	52.17 2.41 0.01	50.30 2.27 0.00	50.38 2.27 0.00	51.71 2.56 0.00	50.94 3.03 0.00	46.09 2.83 0.00
ASTORIA_GT_10 24110	45.38 2.31 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.32 1.36 0.00	48.86 1.70 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.90 0.00	33.80 2.03 0.00	37.15 2.45 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.60 0.00	50.91 3.68 0.00	51.14 3.28 0.00	51.11 2.68 0.00	52.13 2.36 0.00	50.32 2.29 0.00	50.40 2.29 0.00	51.72 2.57 0.00	50.90 2.99 0.00	46.01 2.75 0.00
ASTORIA_GT_11 24225	45.38 2.31 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.32 1.36 0.00	48.86 1.70 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.90 0.00	33.80 2.03 0.00	37.15 2.45 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.60 0.00	50.91 3.68 0.00	51.14 3.28 0.00	51.11 2.68 0.00	52.13 2.36 0.00	50.32 2.29 0.00	50.40 2.29 0.00	51.72 2.57 0.00	50.90 2.99 0.00	46.01 2.75 0.00
ASTORIA_GT_12 24226	45.38 2.31 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.32 1.36 0.00	48.86 1.70 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.90 0.00	33.80 2.03 0.00	37.15 2.45 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.60 0.00	50.91 3.68 0.00	51.14 3.28 0.00	51.11 2.68 0.00	52.13 2.36 0.00	50.32 2.29 0.00	50.40 2.29 0.00	51.72 2.57 0.00	50.90 2.99 0.00	46.01 2.75 0.00
ASTORIA_GT_13 24227	45.38 2.31 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.32 1.36 0.00	48.86 1.70 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.90 0.00	33.80 2.03 0.00	37.15 2.45 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.60 0.00	50.91 3.68 0.00	51.14 3.28 0.00	51.11 2.68 0.00	52.13 2.36 0.00	50.32 2.29 0.00	50.40 2.29 0.00	51.72 2.57 0.00	50.90 2.99 0.00	46.01 2.75 0.00
ASTORIA_GT_5 24106	45.39 2.31 0.00	36.93 1.70 0.00	32.03 1.29 0.00	31.70 1.23 0.00	31.77 1.18 0.00	40.30 1.34 0.00	48.80 1.64 0.00	51.07 1.61 0.00	34.39 1.73 0.00	35.69 1.92 0.00	33.81 2.03 0.00	37.13 2.43 0.00	37.67 2.83 0.00	45.17 3.51 0.00	45.70 3.59 0.00	50.88 3.65 0.00	51.14 3.27 0.00	51.12 2.69 0.00	52.17 2.41 0.01	50.30 2.27 0.00	50.38 2.27 0.00	51.71 2.56 0.00	50.94 3.03 0.00	46.09 2.83 0.00
ASTORIA_GT_7 24107	45.39 2.31 0.00	36.93 1.70 0.00	32.03 1.29 0.00	31.70 1.23 0.00	31.77 1.18 0.00	40.30 1.34 0.00	48.80 1.64 0.00	51.07 1.61 0.00	34.39 1.73 0.00	35.69 1.92 0.00	33.81 2.03 0.00	37.13 2.43 0.00	37.67 2.83 0.00	45.17 3.51 0.00	45.70 3.59 0.00	50.88 3.65 0.00	51.14 3.27 0.00	51.12 2.69 0.00	52.17 2.41 0.01	50.30 2.27 0.00	50.38 2.27 0.00	51.71 2.56 0.00	50.94 3.03 0.00	46.09 2.83 0.00
ASTORIA_GT_8 24108	45.39 2.31 0.00	36.93 1.70 0.00	32.03 1.29 0.00	31.70 1.23 0.00	31.77 1.18 0.00	40.30 1.34 0.00	48.80 1.64 0.00	51.07 1.61 0.00	34.39 1.73 0.00	35.69 1.92 0.00	33.81 2.03 0.00	37.13 2.43 0.00	37.67 2.83 0.00	45.17 3.51 0.00	45.70 3.59 0.00	50.88 3.65 0.00	51.14 3.27 0.00	51.12 2.69 0.00	52.17 2.41 0.01	50.30 2.27 0.00	50.38 2.27 0.00	51.71 2.56 0.00	50.94 3.03 0.00	46.09 2.83 0.00
ASTORIA___2 24149	45.30 2.22 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.18 0.00	31.71 1.12 0.00	40.23 1.27 0.00	48.72 1.57 0.00	50.99 1.52 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.73 1.96 0.00	37.06 2.35 0.00	37.58 2.75 0.00	45.06 3.41 0.00	45.61 3.51 0.00	50.76 3.53 0.00	51.03 3.16 0.00	50.99 2.56 0.00	52.01 2.24 0.01	50.19 2.16 0.00	50.26 2.15 0.00	51.61 2.46 0.00	50.84 2.93 0.00	46.00 2.74 0.00
ASTORIA___3 23516	45.38 2.30 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.31 1.35 0.00	48.87 1.72 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.89 0.00	33.80 2.03 0.00	37.15 2.44 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.61 0.00	50.92 3.69 0.00	51.14 3.28 0.00	51.10 2.67 0.00	52.12 2.35 0.00	50.31 2.28 0.00	50.39 2.28 0.00	51.71 2.56 0.00	50.90 2.99 0.00	46.01 2.75 0.00
ASTORIA___4 23517	45.38 2.31 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.31 1.36 0.00	48.86 1.70 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.90 0.00	33.80 2.03 0.00	37.15 2.44 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.60 0.00	50.91 3.68 0.00	51.14 3.28 0.00	51.11 2.68 0.00	52.13 2.36 0.00	50.31 2.29 0.00	50.40 2.29 0.00	51.72 2.57 0.00	50.90 2.99 0.00	46.01 2.75 0.00
ASTORIA___5 23518	45.38 2.30 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.31 1.35 0.00	48.88 1.72 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.89 0.00	33.80 2.03 0.00	37.15 2.44 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.61 0.00	50.92 3.69 0.00	51.14 3.28 0.00	51.10 2.67 0.00	52.12 2.35 0.00	50.31 2.29 0.00	50.39 2.28 0.00	51.71 2.56 0.00	50.90 2.99 0.00	46.01 2.75 0.00
AST_ENERGY_2_CC3 323677	45.41 2.33 0.00	36.91 1.68 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.95 1.79 0.00	51.30 1.83 0.00	34.36 1.71 0.00	35.69 1.91 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.62 0.00	50.98 3.75 0.00	51.15 3.29 0.00	51.12 2.68 0.00	52.14 2.37 0.00	50.31 2.29 0.00	50.40 2.29 0.00	51.79 2.64 0.00	50.99 3.08 0.00	46.01 2.75 0.00
AST_ENERGY_2_CC4 323678	45.41 2.33 0.00	36.91 1.68 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.95 1.79 0.00	51.30 1.83 0.00	34.36 1.71 0.00	35.69 1.91 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.62 0.00	50.98 3.75 0.00	51.15 3.29 0.00	51.12 2.68 0.00	52.14 2.37 0.00	50.31 2.29 0.00	50.40 2.29 0.00	51.79 2.64 0.00	50.99 3.08 0.00	46.01 2.75 0.00

ATHENS_STG_1 23668	44.72	36.48	31.73	31.39	31.49	40.04	48.57	50.92	33.95	35.23	33.30	36.53	36.94	43.74	43.67	48.81	49.34	49.68	50.90	49.23	49.39	50.57	49.41	44.58
	1.64	1.25	0.99	0.92	0.90	1.09	1.41	1.45	1.30	1.46	1.52	1.83	2.10	2.09	1.56	1.59	1.48	1.24	1.13	1.21	1.27	1.42	1.50	1.32
	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	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	44.72	36.48	31.73	31.39	31.49	40.04	48.57	50.92	33.95	35.23	33.30	36.53	36.94	43.74	43.67	48.81	49.34	49.68	50.90	49.23	49.39	50.57	49.41	44.58
	1.64	1.25	0.99	0.92	0.90	1.09	1.41	1.45	1.30	1.46	1.52	1.83	2.10	2.09	1.56	1.59	1.48	1.24	1.13	1.21	1.27	1.42	1.50	1.32
	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	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	44.72	36.48	31.73	31.39	31.49	40.04	48.57	50.92	33.95	35.23	33.30	36.53	36.94	43.74	43.67	48.81	49.34	49.68	50.90	49.23	49.39	50.57	49.41	44.58
	1.64	1.25	0.99	0.92	0.90	1.09	1.41	1.45	1.30	1.46	1.52	1.83	2.10	2.09	1.56	1.59	1.48	1.24	1.13	1.21	1.27	1.42	1.50	1.32
	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	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	42.79	34.86	30.37	30.12	30.22	38.50	46.69	48.97	32.14	33.31	31.38	34.23	34.47	41.17	41.70	47.07	47.93	48.50	49.86	48.04	48.07	48.95	47.78	43.26
	-0.28	-0.37	-0.37	-0.35	-0.37	-0.45	-0.47	-0.50	-0.52	-0.46	-0.39	-0.48	-0.37	-0.48	-0.41	-0.16	0.06	0.06	0.09	0.01	-0.05	-0.20	-0.13	-0.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	45.57	37.00	32.30	31.89	32.03	40.47	49.02	51.41	34.54	35.80	33.81	37.21	37.86	45.57	46.31	51.64	52.31	52.33	52.83	51.07	51.02	52.17	51.16	46.15
	2.49	1.77	1.56	1.42	1.44	1.51	1.86	1.94	1.88	2.02	2.04	2.51	3.02	3.92	4.14	4.41	4.13	3.65	3.06	3.04	2.91	3.02	3.25	2.88
	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	-0.06	0.00	-0.30	-0.24	0.00	0.00	0.00	0.00	0.00	0.00
BALL_HILL_WT_PWR 323825	40.98	33.07	28.73	28.52	28.49	36.45	44.55	47.16	31.02	32.99	31.18	34.18	34.24	40.53	40.64	45.83	46.12	46.88	47.65	45.18	45.63	46.27	45.42	41.53
	-2.10	-2.16	-2.02	-1.95	-2.10	-2.51	-2.61	-2.31	-1.64	-0.78	-0.59	-0.52	-0.60	-1.12	-1.47	-1.40	-1.75	-1.55	-2.12	-2.52	-2.48	-2.69	-2.45	-1.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.33	0.01	0.19	0.05	0.00
BARON_WINDS____WT_PWR 323822	41.50	33.41	29.01	28.80	28.79	36.70	44.63	46.97	30.67	32.16	30.39	33.23	33.39	39.67	39.92	45.34	46.28	46.87	47.40	43.55	45.11	45.68	45.00	41.04
	-1.58	-1.81	-1.73	-1.67	-1.80	-2.26	-2.52	-2.49	-1.99	-1.61	-1.39	-1.48	-1.44	-1.98	-2.18	-1.89	-1.59	-1.56	-2.37	-2.75	-2.96	-3.08	-2.88	-2.22
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	0.05	0.40	0.03	0.00
BARRETT_IC_1 23704	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_10 23701	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_11 23702	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_12 23703	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_2 23705	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_3 23706	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_4 23707	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_5 23708	45.36	36.81	32.07	31.68	31.79	40.26	48.79	51.17	34.33	35.61	33.72	37.13	37.72	45.33	46.00	51.13	51.77	51.85	52.39	50.52	50.51	51.72	50.80	45.87
	2.28	1.59	1.33	1.21	1.21	1.30	1.63	1.70	1.67	1.84	1.95	2.42	2.88	3.68	3.83	3.90	3.60	3.16	2.62	2.49	2.40	2.57	2.89	2.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.30	-0.25	0.00	0.00	0.00	0.00	0.00	0.00

BARRETT_IC_6 23709	45.36 2.28 0.00	36.81 1.59 0.00	32.07 1.33 0.00	31.68 1.21 0.00	31.79 1.21 0.00	40.26 1.30 0.00	48.79 1.63 0.00	51.17 1.70 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.72 1.95 0.00	37.13 2.42 0.00	37.72 2.88 0.00	45.33 3.68 0.00	46.00 3.83 -0.06	51.13 3.90 0.00	51.77 3.60 -0.30	51.85 3.16 -0.25	52.39 2.62 0.00	50.52 2.49 0.00	50.51 2.40 0.00	51.72 2.57 0.00	50.80 2.89 0.00	45.87 2.61 0.00
BARRETT_IC_7 23710	45.36 2.28 0.00	36.81 1.59 0.00	32.07 1.33 0.00	31.68 1.21 0.00	31.79 1.21 0.00	40.26 1.30 0.00	48.78 1.62 0.00	51.17 1.70 0.00	34.32 1.67 0.00	35.61 1.84 0.00	33.72 1.95 0.00	37.13 2.42 0.00	37.72 2.88 0.00	45.33 3.68 0.00	46.00 3.83 -0.06	51.15 3.91 0.00	51.77 3.60 -0.30	51.84 3.16 -0.24	52.39 2.62 0.00	50.53 2.50 0.00	50.52 2.41 0.00	51.72 2.57 0.00	50.80 2.88 0.00	45.87 2.61 0.00
BARRETT_IC_8 23711	45.36 2.28 0.00	36.81 1.59 0.00	32.07 1.33 0.00	31.68 1.21 0.00	31.79 1.21 0.00	40.26 1.30 0.00	48.79 1.63 0.00	51.17 1.70 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.72 1.95 0.00	37.13 2.42 0.00	37.72 2.88 0.00	45.33 3.68 0.00	46.00 3.83 -0.06	51.13 3.90 0.00	51.77 3.60 -0.30	51.85 3.16 -0.25	52.39 2.62 0.00	50.52 2.49 0.00	50.51 2.40 0.00	51.72 2.57 0.00	50.80 2.89 0.00	45.87 2.61 0.00
BARRETT_IC_9 23700	45.36 2.28 0.00	36.81 1.59 0.00	32.07 1.33 0.00	31.68 1.21 0.00	31.79 1.21 0.00	40.26 1.30 0.00	48.79 1.63 0.00	51.17 1.70 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.72 1.95 0.00	37.13 2.42 0.00	37.72 2.88 0.00	45.33 3.68 0.00	46.00 3.83 -0.06	51.13 3.90 0.00	51.77 3.60 -0.30	51.85 3.16 -0.25	52.39 2.62 0.00	50.52 2.49 0.00	50.51 2.40 0.00	51.72 2.57 0.00	50.80 2.89 0.00	45.87 2.61 0.00
BARRETT___1 23545	45.36 2.28 0.00	36.81 1.59 0.00	32.07 1.33 0.00	31.68 1.21 0.00	31.79 1.21 0.00	40.26 1.30 0.00	48.79 1.63 0.00	51.17 1.70 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.72 1.95 0.00	37.13 2.42 0.00	37.72 2.88 0.00	45.33 3.68 0.00	46.00 3.83 -0.06	51.13 3.90 0.00	51.77 3.60 -0.30	51.85 3.16 -0.25	52.39 2.62 0.00	50.52 2.49 0.00	50.51 2.40 0.00	51.72 2.57 0.00	50.80 2.89 0.00	45.87 2.61 0.00
BARRETT___2 23546	45.36 2.28 0.00	36.81 1.59 0.00	32.07 1.33 0.00	31.68 1.21 0.00	31.79 1.21 0.00	40.26 1.30 0.00	48.79 1.63 0.00	51.17 1.70 0.00	34.33 1.67 0.00	35.61 1.84 0.00	33.72 1.95 0.00	37.13 2.42 0.00	37.72 2.88 0.00	45.33 3.68 0.00	46.00 3.83 -0.06	51.13 3.90 0.00	51.77 3.60 -0.30	51.85 3.16 -0.25	52.39 2.62 0.00	50.52 2.49 0.00	50.51 2.40 0.00	51.72 2.57 0.00	50.80 2.89 0.00	45.87 2.61 0.00
BATAVIA___115KV_TB1 55881	41.78 -1.30 0.00	33.65 -1.58 0.00	29.34 -1.41 0.00	29.05 -1.42 0.00	29.07 -1.52 0.00	37.13 -1.83 0.00	45.35 -1.81 0.00	48.16 -1.31 0.00	31.55 -1.11 0.00	33.25 -0.52 0.00	31.19 -0.58 0.00	34.09 -0.62 0.00	34.15 -0.69 0.00	40.27 -1.38 0.00	40.65 -1.46 0.00	45.96 -1.27 0.00	47.17 -0.70 0.00	48.15 -0.29 0.00	49.16 -0.61 0.00	46.96 -0.90 0.17	47.28 -0.83 0.01	47.90 -1.08 0.18	46.77 -1.09 0.05	42.59 -0.67 0.00
BAYONEEC___CTG1 323682	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG10 323750	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG2 323683	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG3 323684	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG4 323685	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG5 323686	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG6 323687	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG7 323688	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00

BAYONEEC___CTG8 323689	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYONEEC___CTG9 323749	45.43 2.35 0.00	36.92 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.30 1.83 0.00	34.37 1.71 0.00	35.69 1.92 0.00	33.83 2.05 0.00	37.19 2.49 0.00	37.70 2.86 0.00	45.27 3.62 0.00	45.77 3.66 0.00	51.02 3.79 0.00	51.23 3.36 0.00	51.23 2.80 0.00	52.24 2.47 0.00	50.41 2.38 0.00	50.50 2.39 0.00	51.84 2.69 0.00	51.00 3.09 0.00	46.04 2.78 0.00
BAYPORT_69_KV_BK 2 356364	45.78 2.70 0.00	37.15 1.92 0.00	32.54 1.80 0.00	32.14 1.67 0.00	32.32 1.73 0.00	40.68 1.72 0.00	49.16 2.01 0.00	51.53 2.06 0.00	34.68 2.02 0.00	35.99 2.22 0.00	33.95 2.18 0.00	37.37 2.67 0.00	38.08 3.24 0.00	45.99 4.33 0.00	46.79 4.63 -0.06	52.27 5.04 0.00	53.00 4.83 -0.30	53.03 4.35 -0.24	53.50 3.73 0.00	51.72 3.69 0.00	51.63 3.52 0.00	52.61 3.46 0.00	51.49 3.58 0.00	46.40 3.14 0.00
BEACON___LESR 323632	43.76 0.68 0.00	35.81 0.58 0.00	31.31 0.58 0.00	30.96 0.49 0.00	31.10 0.51 0.00	39.68 0.72 0.00	47.86 0.70 0.00	50.37 0.90 0.00	33.20 0.54 0.00	34.24 0.46 0.00	31.99 0.22 0.00	34.88 0.18 0.00	35.06 0.22 0.00	42.13 0.48 0.00	42.60 0.50 0.00	47.86 0.63 0.00	48.59 0.72 0.00	49.21 0.77 0.00	50.63 0.86 0.00	49.12 1.10 0.00	49.28 1.17 0.00	50.52 1.37 0.00	49.10 1.19 0.00	44.25 0.99 0.00
BEAVER RIVER___HYD 24048	44.29 1.20 0.00	36.21 0.98 0.00	31.50 0.76 0.00	31.12 0.65 0.00	31.43 0.84 0.00	40.00 1.04 0.00	48.29 1.13 0.00	50.29 0.82 0.00	32.65 0.00 0.00	33.36 -0.41 0.00	31.55 -0.23 0.00	34.32 -0.38 0.00	34.23 -0.61 0.00	40.66 -1.00 0.00	41.21 -0.89 0.00	46.34 -0.89 0.00	47.24 -0.63 0.00	48.44 0.00 0.00	50.41 0.64 0.00	48.81 0.79 0.00	48.60 0.49 0.00	49.29 0.14 0.00	48.06 0.15 0.00	43.05 -0.21 0.00
BEEBEE_GT_13 23619	41.79 -1.29 0.00	33.84 -1.39 0.00	29.50 -1.25 0.00	29.21 -1.26 0.00	29.25 -1.34 0.00	37.36 -1.60 0.00	45.49 -1.67 0.00	48.10 -1.37 0.00	31.65 -1.00 0.00	33.33 -0.44 0.00	31.39 -0.38 0.00	34.40 -0.31 0.00	34.52 -0.32 0.00	40.93 -0.72 0.00	41.30 -0.81 0.00	46.56 -0.67 0.00	47.25 -0.62 0.00	48.02 -0.41 0.00	49.10 -0.67 0.00	47.08 -0.95 0.00	47.24 -0.87 0.00	47.84 -1.15 0.15	46.74 -1.12 0.06	42.49 -0.78 0.00
BENSHRST_27_KV_BENSHRST_1 355998	45.73 2.65 0.00	37.16 1.94 0.00	32.23 1.49 0.00	31.89 1.42 0.00	31.98 1.39 0.00	40.59 1.63 0.00	49.16 2.01 0.00	51.55 2.09 0.00	34.63 1.98 0.00	35.91 2.13 0.00	34.04 2.27 0.00	37.41 2.71 0.00	37.92 3.09 0.00	45.51 3.86 0.00	46.05 3.95 0.00	51.29 4.06 0.00	51.57 3.70 0.00	51.50 3.07 0.00	52.56 2.79 0.00	50.71 2.69 0.00	50.81 2.70 0.00	52.11 2.96 0.00	51.32 3.41 0.00	46.38 3.12 0.00
BETHLEHEM___GRP 23843	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.58 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.09 0.00	48.35 -0.08 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.31 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
BETHLEHEM___GS1 323560	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.59 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.08 0.00	48.35 -0.09 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.30 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
BETHLEHEM___GS2 323561	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.59 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.08 0.00	48.35 -0.09 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.30 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
BETHLEHEM___GS3 323562	43.20 0.12 0.00	35.30 0.07 0.00	30.89 0.15 0.00	30.59 0.11 0.00	30.72 0.13 0.00	39.16 0.20 0.00	47.20 0.05 0.00	49.62 0.15 0.00	32.78 0.12 0.00	33.80 0.03 0.00	31.63 -0.14 0.00	34.52 -0.18 0.00	34.70 -0.14 0.00	41.63 -0.02 0.00	42.17 0.07 0.00	47.28 0.05 0.00	47.95 0.08 0.00	48.35 -0.09 0.00	49.75 -0.02 0.00	48.24 0.21 0.00	48.42 0.30 0.00	49.62 0.47 0.00	48.34 0.43 0.00	43.59 0.32 0.00
BETHLEHEM___STEEL 23779	40.94 -2.14 0.00	32.97 -2.26 0.00	28.70 -2.04 0.00	28.45 -2.02 0.00	28.43 -2.16 0.00	36.35 -2.60 0.00	44.42 -2.73 0.00	47.14 -2.32 0.00	31.07 -1.59 0.00	33.08 -0.69 0.00	31.19 -0.58 0.00	34.21 -0.50 0.00	34.24 -0.60 0.00	40.39 -1.27 0.00	40.61 -1.50 0.00	45.66 -1.57 0.00	46.03 -1.84 0.00	46.84 -1.59 0.00	47.64 -2.12 0.00	45.22 -2.48 0.33	45.73 -2.37 0.01	46.31 -2.65 0.20	45.36 -2.50 0.05	41.46 -1.80 0.00
BETHLHEM_115KV_TB1 79974	43.31 0.23 0.00	35.38 0.15 0.00	30.95 0.20 0.00	30.65 0.18 0.00	30.79 0.19 0.00	39.24 0.28 0.00	47.34 0.18 0.00	49.73 0.26 0.00	32.86 0.20 0.00	33.89 0.12 0.00	31.73 -0.04 0.00	34.64 -0.07 0.00	34.82 -0.02 0.00	41.78 0.13 0.00	42.33 0.22 0.00	47.43 0.20 0.00	48.11 0.24 0.00	48.50 0.07 0.00	49.89 0.13 0.00	48.37 0.35 0.00	48.53 0.42 0.00	49.73 0.58 0.00	48.47 0.55 0.00	43.69 0.43 0.00
BETHPAGE_CC_5 323564	45.61 2.53 0.00	37.03 1.80 0.00	32.28 1.54 0.00	31.89 1.42 0.00	32.01 1.42 0.00	40.48 1.53 0.00	49.07 1.91 0.00	51.45 1.99 0.00	34.56 1.90 0.00	35.85 2.08 0.00	33.91 2.13 0.00	37.34 2.64 0.00	37.95 3.12 0.00	45.63 3.98 0.00	46.31 4.14 -0.06	51.59 4.36 0.00	52.18 4.00 -0.30	52.18 3.50 -0.24	52.68 2.91 0.00	50.89 2.86 0.00	50.86 2.74 0.00	52.04 2.89 0.00	51.11 3.20 0.00	46.09 2.83 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.03 -2.05 0.00	33.04 -2.19 0.00	28.76 -1.99 0.00	28.50 -1.97 0.00	28.50 -2.09 0.00	36.43 -2.53 0.00	44.51 -2.65 0.00	47.24 -2.22 0.00	31.13 -1.52 0.00	33.15 -0.61 0.00	31.27 -0.51 0.00	34.29 -0.42 0.00	34.33 -0.51 0.00	40.49 -1.16 0.00	40.73 -1.37 0.00	45.81 -1.42 0.00	46.18 -1.68 0.00	46.99 -1.44 0.00	47.79 -1.97 0.00	45.38 -2.33 0.32	45.88 -2.22 0.01	46.46 -2.50 0.19	45.48 -2.38 0.05	41.56 -1.70 0.00

BINGHAMTON___COGEN 23790	42.82 -0.26 0.00	34.90 -0.32 0.00	30.39 -0.35 0.00	30.16 -0.31 0.00	30.24 -0.36 0.00	38.54 -0.42 0.00	46.70 -0.45 0.00	48.88 -0.59 0.00	32.17 -0.48 0.00	33.39 -0.38 0.00	31.50 -0.27 0.00	34.44 -0.27 0.00	34.66 -0.18 0.00	41.46 -0.20 0.00	41.79 -0.31 0.00	47.13 -0.10 0.00	47.85 -0.02 0.00	48.43 -0.01 0.00	49.49 -0.28 0.00	47.66 -0.36 0.00	47.74 -0.37 0.00	48.60 -0.51 0.04	47.52 -0.38 0.01	43.04 -0.23 0.00
BIXINCNT_115KV_LOAD 355685	41.58 -1.50 0.00	33.51 -1.72 0.00	29.08 -1.66 0.00	28.84 -1.63 0.00	28.88 -1.71 0.00	36.87 -2.08 0.00	44.96 -2.21 0.00	47.49 -1.97 0.00	31.25 -1.41 0.00	33.24 -0.53 0.00	31.39 -0.38 0.00	34.24 -0.46 0.00	34.31 -0.53 0.00	40.69 -0.96 0.00	40.96 -1.15 0.00	46.11 -1.13 0.00	46.59 -1.27 0.00	47.26 -1.17 0.00	47.80 -1.96 0.00	45.62 -2.23 0.19	45.93 -2.18 0.01	46.47 -2.52 0.16	45.79 -2.07 0.04	41.87 -1.39 0.00
BLACK RIVER___HYD 24047	44.51 1.43 0.00	36.32 1.09 0.00	31.54 0.80 0.00	31.16 0.68 0.00	31.47 0.88 0.00	40.06 1.10 0.00	48.34 1.18 0.00	50.24 0.77 0.00	32.53 -0.13 0.00	33.18 -0.59 0.00	31.38 -0.39 0.00	34.11 -0.59 0.00	34.02 -0.82 0.00	40.38 -1.27 0.00	41.01 -1.10 0.00	46.21 -1.02 0.00	47.29 -0.58 0.00	48.70 0.26 0.00	50.93 1.16 0.00	49.45 1.43 0.00	49.21 1.10 0.00	49.74 0.59 0.00	48.36 0.45 0.00	43.28 0.01 0.00
BLACKRVR_115KV_TB2 79977	44.50 1.42 0.00	36.32 1.09 0.00	31.54 0.80 0.00	31.15 0.69 0.00	31.47 0.88 0.00	40.06 1.10 0.00	48.34 1.18 0.00	50.24 0.77 0.00	32.53 -0.13 0.00	33.18 -0.59 0.00	31.38 -0.39 0.00	34.11 -0.59 0.00	34.02 -0.82 0.00	40.38 -1.27 0.00	41.01 -1.10 0.00	46.20 -1.03 0.00	47.28 -0.58 0.00	48.70 0.26 0.00	50.93 1.16 0.00	49.45 1.43 0.00	49.21 1.10 0.00	49.74 0.60 0.00	48.36 0.45 0.00	43.28 0.01 0.00
BLISS_WT_PWR 323608	41.55 -1.53 0.00	33.46 -1.77 0.00	29.03 -1.71 0.00	28.80 -1.68 0.00	28.84 -1.75 0.00	36.82 -2.14 0.00	44.86 -2.30 0.00	47.41 -2.06 0.00	31.19 -1.46 0.00	33.19 -0.58 0.00	31.35 -0.43 0.00	34.19 -0.52 0.00	34.26 -0.58 0.00	40.64 -1.02 0.00	40.91 -1.20 0.00	46.07 -1.16 0.00	46.58 -1.29 0.00	47.21 -1.22 0.00	47.73 -2.03 0.00	45.54 -2.30 0.19	45.86 -2.25 0.01	46.41 -2.58 0.16	45.73 -2.14 0.04	41.79 -1.47 0.00
BLUESTONE___WT_PWR 323821	44.58 1.50 0.00	36.29 1.07 0.00	31.57 0.83 0.00	31.25 0.77 0.00	31.32 0.73 0.00	39.93 0.97 0.00	47.52 0.36 0.00	48.84 -0.63 0.00	32.00 -0.66 0.00	32.84 -0.93 0.00	31.55 -0.22 0.00	34.73 0.03 0.00	34.98 0.14 0.00	41.79 0.13 0.00	42.29 0.18 0.00	47.82 0.59 0.00	48.74 0.87 0.00	49.48 1.05 0.00	50.49 0.72 0.00	48.28 0.21 -0.04	47.98 -0.13 0.00	48.71 -0.41 0.02	47.47 -0.43 0.01	43.11 -0.16 0.00
BLUE_CIRC_CHEM_DRP 24182	43.85 0.77 0.00	35.79 0.56 0.00	31.29 0.55 0.00	31.01 0.54 0.00	31.14 0.55 0.00	39.70 0.74 0.00	47.97 0.81 0.00	50.31 0.84 0.00	33.15 0.50 0.00	34.10 0.33 0.00	31.92 0.15 0.00	34.82 0.12 0.00	34.99 0.15 0.00	42.02 0.36 0.00	42.57 0.46 0.00	47.72 0.49 0.00	48.40 0.54 0.00	48.91 0.48 0.00	50.45 0.68 0.00	48.92 0.89 0.00	49.09 0.98 0.00	50.27 1.12 0.00	49.00 1.09 0.00	44.19 0.93 0.00
BOC_GAS_DRP 24189	43.60 0.52 0.00	35.60 0.37 0.00	31.10 0.36 0.00	30.82 0.34 0.00	30.95 0.36 0.00	39.43 0.47 0.00	47.66 0.50 0.00	49.99 0.52 0.00	33.05 0.40 0.00	34.17 0.39 0.00	32.05 0.28 0.00	35.00 0.29 0.00	35.18 0.35 0.00	42.22 0.57 0.00	42.74 0.64 0.00	47.88 0.65 0.00	48.50 0.63 0.00	48.89 0.46 0.00	50.21 0.44 0.00	48.63 0.60 0.00	48.79 0.68 0.00	49.98 0.83 0.00	48.73 0.82 0.00	43.98 0.71 0.00
BOONVILLE_115KV_TB1 79983	44.12 1.05 0.00	36.02 0.79 0.00	31.37 0.63 0.00	31.04 0.57 0.00	31.24 0.66 0.00	39.79 0.83 0.00	48.12 0.96 0.00	50.30 0.83 0.00	32.85 0.19 0.00	33.71 -0.06 0.00	31.77 -0.01 0.00	34.67 -0.04 0.00	34.70 -0.14 0.00	41.44 -0.22 0.00	42.02 -0.09 0.00	47.35 0.12 0.00	48.19 0.32 0.00	49.20 0.77 0.00	50.79 1.02 0.00	49.05 1.02 0.00	49.02 0.91 0.00	49.86 0.71 0.00	48.54 0.62 0.00	43.63 0.37 0.00
BORALEX_4TH_BRANCH 23824	44.64 1.56 0.00	36.44 1.21 0.00	31.97 1.23 0.00	31.59 1.12 0.00	31.76 1.18 0.00	40.66 1.70 0.00	49.21 2.05 0.00	51.61 2.14 0.00	33.93 1.27 0.00	34.81 1.05 0.00	32.17 0.39 0.00	35.02 0.32 0.00	35.07 0.23 0.00	42.13 0.48 0.00	42.60 0.50 0.00	47.95 0.72 0.00	48.80 0.94 0.00	49.05 0.62 0.00	50.50 0.73 0.00	49.28 1.26 0.00	49.62 1.51 0.00	51.29 2.14 0.00	49.83 1.92 0.00	44.82 1.55 0.00
BOWLINE___1 23526	44.89 1.81 0.00	36.48 1.25 0.00	31.71 0.96 0.00	31.36 0.89 0.00	31.47 0.88 0.00	40.00 1.04 0.00	48.51 1.35 0.00	50.88 1.41 0.00	33.97 1.31 0.00	35.25 1.48 0.00	33.38 1.61 0.00	36.68 1.97 0.00	37.16 2.32 0.00	44.64 2.98 0.00	45.09 2.99 0.00	50.36 3.13 0.00	50.77 2.90 0.00	50.97 2.54 0.00	52.01 2.24 0.00	50.18 2.15 0.00	50.26 2.14 0.00	51.45 2.30 0.00	50.46 2.55 0.00	45.51 2.24 0.00
BOWLINE___2 23595	44.89 1.81 0.00	36.48 1.25 0.00	31.71 0.96 0.00	31.36 0.89 0.00	31.47 0.88 0.00	40.00 1.04 0.00	48.51 1.35 0.00	50.88 1.41 0.00	33.97 1.31 0.00	35.25 1.48 0.00	33.38 1.60 0.00	36.68 1.97 0.00	37.16 2.32 0.00	44.63 2.98 0.00	45.09 2.99 0.00	50.36 3.13 0.00	50.77 2.90 0.00	50.97 2.54 0.00	52.01 2.24 0.00	50.18 2.15 0.00	50.26 2.14 0.00	51.45 2.30 0.00	50.46 2.55 0.00	45.51 2.24 0.00
BRADY___115KV_TB2 356060	43.79 0.71 0.00	36.10 0.88 0.00	31.60 0.85 0.00	31.32 0.85 0.00	31.50 0.91 0.00	40.08 1.13 0.00	48.43 1.27 0.00	50.83 1.36 0.00	33.30 0.64 0.00	34.24 0.47 0.00	32.27 0.50 0.00	35.15 0.45 0.00	35.15 0.31 0.00	41.89 0.24 0.00	42.05 -0.05 0.00	47.02 -0.21 0.00	47.59 -0.28 0.00	48.51 0.08 0.00	50.44 0.67 0.00	48.68 0.65 0.00	48.67 0.55 0.00	49.74 0.58 0.00	48.46 0.55 0.00	43.69 0.43 0.00
BRANSCOMB___SOLAR 323811	44.62 1.54 0.00	36.43 1.20 0.00	31.88 1.13 0.00	31.54 1.07 0.00	31.69 1.10 0.00	40.50 1.54 0.00	48.98 1.82 0.00	51.32 1.85 0.00	33.65 0.99 0.00	34.44 0.66 0.00	31.92 0.15 0.00	34.74 0.04 0.00	34.78 -0.06 0.00	41.83 0.17 0.00	42.46 0.35 0.00	47.86 0.63 0.00	48.79 0.92 0.00	49.73 1.30 0.00	51.41 1.64 0.00	50.12 2.10 0.00	50.36 2.25 0.00	51.52 2.37 0.00	50.08 2.17 0.00	45.03 1.77 0.00
BRDGHMPT_69_KV_BK1 55812	46.20 3.12 0.00	37.44 2.21 0.00	33.06 2.32 0.00	32.67 2.19 0.00	32.91 2.32 0.00	41.21 2.25 0.00	49.56 2.41 0.00	51.91 2.44 0.00	34.98 2.32 0.00	36.38 2.61 0.00	34.31 2.54 0.00	37.79 3.08 0.00	38.43 3.60 0.00	46.44 4.78 0.00	47.34 5.18 -0.06	52.95 5.72 0.00	53.83 5.66 -0.30	53.89 5.21 -0.24	54.35 4.58 0.00	52.51 4.48 0.00	52.31 4.20 0.00	53.10 3.95 0.00	51.87 3.96 0.00	46.64 3.38 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	45.68 2.59 0.00	37.12 1.89 0.00	32.43 1.69 0.00	32.04 1.57 0.00	32.18 1.59 0.00	40.60 1.64 0.00	49.14 1.98 0.00	51.57 2.10 0.00	34.69 2.04 0.00	35.93 2.16 0.00	33.92 2.14 0.00	37.32 2.62 0.00	38.01 3.17 0.00	45.78 4.13 0.00	46.57 4.40 -0.06	51.95 4.72 0.00	52.60 4.43 -0.30	52.58 3.91 -0.24	53.05 3.28 0.00	51.28 3.25 0.00	51.21 3.10 0.00	52.31 3.17 0.00	51.28 3.37 0.00	46.27 3.00 0.00
BRISTLHL_115KV_TB1 79998	41.94 -1.14 0.00	34.26 -0.96 0.00	29.86 -0.87 0.00	29.60 -0.86 0.00	29.71 -0.88 0.00	37.84 -1.12 0.00	45.86 -1.30 0.00	48.12 -1.35 0.00	31.66 -0.99 0.00	32.77 -1.00 0.00	30.85 -0.93 0.00	33.73 -0.97 0.00	33.83 -1.01 0.00	40.29 -1.37 0.00	40.80 -1.31 0.00	45.89 -1.34 0.00	46.61 -1.25 0.00	47.32 -1.11 0.00	48.60 -1.17 0.00	46.85 -1.18 0.00	46.94 -1.17 0.00	47.97 -1.28 -0.11	46.68 -1.27 -0.04	42.17 -1.09 0.00
BROOKHAVEN___DRP 24191	45.25 2.17 0.00	36.68 1.45 0.00	32.29 1.55 0.00	31.90 1.43 0.00	32.14 1.55 0.00	40.31 1.35 0.00	48.61 1.46 0.00	50.84 1.37 0.00	34.19 1.54 0.00	35.50 1.73 0.00	33.48 1.71 0.00	36.83 2.13 0.00	37.49 2.65 0.00	45.27 3.61 0.00	46.08 3.91 -0.06	51.43 4.20 0.00	52.17 4.00 -0.30	52.16 3.49 -0.24	52.65 2.88 0.00	50.96 2.94 0.00	50.90 2.79 0.00	51.84 2.69 0.00	50.75 2.84 0.00	45.75 2.49 0.00
BROOKLYN_NAVY_YARD 23515	45.34 2.26 0.00	36.84 1.61 0.00	31.99 1.25 0.00	31.65 1.18 0.00	31.74 1.15 0.00	40.28 1.32 0.00	48.85 1.69 0.00	51.20 1.73 0.00	34.31 1.65 0.00	35.62 1.85 0.00	33.74 1.97 0.00	37.08 2.38 0.00	37.58 2.74 0.00	45.11 3.47 0.01	45.62 3.52 0.01	50.86 3.63 0.01	51.07 3.20 0.00	51.09 2.65 0.00	52.12 2.35 0.00	50.30 2.27 0.00	50.37 2.25 0.00	51.72 2.57 0.00	50.91 3.00 0.00	45.96 2.69 0.00
BROOKLYN___ARMY_DRP 323595	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
BROOME_2_LFGE 323671	42.82 -0.26 0.00	34.91 -0.32 0.00	30.39 -0.35 0.00	30.16 -0.31 0.00	30.24 -0.35 0.00	38.54 -0.42 0.00	46.71 -0.45 0.00	48.88 -0.59 0.00	32.17 -0.48 0.00	33.39 -0.38 0.00	31.51 -0.27 0.00	34.44 -0.26 0.00	34.66 -0.18 0.00	41.46 -0.20 0.00	41.79 -0.31 0.00	47.12 -0.11 0.00	47.85 -0.02 0.00	48.43 0.00 0.00	49.49 -0.28 0.00	47.67 -0.36 0.00	47.75 -0.37 0.00	48.60 -0.51 0.04	47.52 -0.38 0.01	43.03 -0.23 0.00
BROOME___LFGE 323600	42.82 -0.26 0.00	34.91 -0.32 0.00	30.39 -0.35 0.00	30.16 -0.31 0.00	30.24 -0.35 0.00	38.54 -0.42 0.00	46.71 -0.45 0.00	48.88 -0.59 0.00	32.17 -0.48 0.00	33.39 -0.38 0.00	31.51 -0.27 0.00	34.44 -0.26 0.00	34.66 -0.18 0.00	41.46 -0.20 0.00	41.79 -0.31 0.00	47.12 -0.11 0.00	47.85 -0.02 0.00	48.43 0.00 0.00	49.49 -0.28 0.00	47.67 -0.36 0.00	47.75 -0.37 0.00	48.60 -0.51 0.04	47.52 -0.38 0.01	43.03 -0.23 0.00
BROWNFLS_115KV_TB 3_5 80003	43.89 0.81 0.00	36.02 0.79 0.00	31.41 0.67 0.00	31.09 0.61 0.00	31.37 0.78 0.00	39.91 0.95 0.00	48.20 1.05 0.00	50.37 0.90 0.00	32.87 0.21 0.00	33.67 -0.09 0.00	31.79 0.02 0.00	34.62 -0.08 0.00	34.55 -0.29 0.00	41.09 -0.56 0.00	41.42 -0.69 0.00	46.44 -0.79 0.00	47.07 -0.80 0.00	48.16 -0.28 0.00	50.05 0.28 0.00	48.39 0.36 0.00	48.26 0.15 0.00	49.22 0.07 0.00	48.06 0.15 0.00	43.17 -0.09 0.00
BROWNSV1_27_KV_LOAD 356125	45.79 2.72 0.00	37.21 1.98 0.00	32.30 1.56 0.00	31.95 1.47 0.00	32.03 1.44 0.00	40.66 1.70 0.00	49.30 2.15 0.00	51.69 2.22 0.00	34.63 1.97 0.00	35.98 2.21 0.00	34.10 2.33 0.00	37.50 2.79 0.00	38.01 3.17 0.00	45.63 3.98 0.00	46.14 4.04 0.00	51.45 4.22 0.00	51.66 3.80 0.00	51.67 3.24 0.00	52.68 2.92 0.00	50.85 2.82 0.00	50.91 2.79 0.00	52.28 3.12 0.00	51.43 3.52 0.00	46.42 3.16 0.00
BURROWS___LYONSDAL 23803	44.18 1.10 0.00	36.07 0.84 0.00	31.40 0.66 0.00	31.05 0.58 0.00	31.29 0.70 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.27 0.80 0.00	32.78 0.12 0.00	33.59 -0.18 0.00	31.70 -0.08 0.00	34.56 -0.14 0.00	34.55 -0.29 0.00	41.21 -0.44 0.00	41.80 -0.31 0.00	47.07 -0.16 0.00	47.94 0.07 0.00	49.00 0.56 0.00	50.65 0.88 0.00	48.94 0.91 0.00	48.84 0.72 0.00	49.63 0.48 0.00	48.32 0.41 0.00	43.40 0.13 0.00
CAITHNESS_CC_1 323624	45.22 2.14 0.00	36.68 1.46 0.00	32.24 1.50 0.00	31.86 1.39 0.00	32.06 1.47 0.00	40.27 1.31 0.00	48.61 1.46 0.00	50.87 1.40 0.00	34.22 1.57 0.00	35.50 1.73 0.00	33.50 1.72 0.00	36.85 2.14 0.00	37.51 2.67 0.00	45.28 3.62 0.00	46.07 3.90 -0.06	51.39 4.16 0.00	52.11 3.94 -0.30	52.11 3.43 -0.24	52.58 2.81 0.00	50.87 2.84 0.00	50.83 2.72 0.00	51.80 2.65 0.00	50.73 2.82 0.00	45.75 2.49 0.00
CALPINE BETH_PAGE_GT4 24209	45.64 2.56 0.00	37.03 1.81 0.00	32.30 1.55 0.00	31.89 1.42 0.00	32.02 1.42 0.00	40.50 1.54 0.00	49.07 1.91 0.00	51.47 2.00 0.00	34.57 1.91 0.00	35.85 2.08 0.00	33.92 2.15 0.00	37.36 2.66 0.00	37.96 3.12 0.00	45.59 3.94 0.00	46.24 4.08 -0.06	51.51 4.27 0.00	52.00 3.83 -0.30	51.99 3.31 -0.24	52.52 2.75 0.00	50.74 2.71 0.00	50.69 2.58 0.00	51.90 2.75 0.00	51.04 3.13 0.00	46.04 2.78 0.00
CALPINE_BETH_PAGE_GT_4 323586	45.64 2.56 0.00	37.03 1.80 0.00	32.29 1.55 0.00	31.89 1.42 0.00	32.02 1.43 0.00	40.49 1.54 0.00	49.07 1.91 0.00	51.47 2.01 0.00	34.57 1.91 0.00	35.85 2.08 0.00	33.93 2.15 0.00	37.36 2.65 0.00	37.96 3.13 0.00	45.60 3.94 0.00	46.25 4.08 -0.06	51.50 4.27 0.00	52.00 3.82 -0.30	52.00 3.32 -0.24	52.51 2.74 0.00	50.73 2.70 0.00	50.69 2.58 0.00	51.90 2.75 0.00	51.04 3.12 0.00	46.05 2.78 0.00
CALPINE_BP_GT1 23823	45.64 2.56 0.00	37.03 1.80 0.00	32.29 1.55 0.00	31.89 1.42 0.00	32.02 1.43 0.00	40.49 1.54 0.00	49.07 1.91 0.00	51.47 2.01 0.00	34.57 1.91 0.00	35.85 2.08 0.00	33.93 2.15 0.00	37.36 2.65 0.00	37.96 3.13 0.00	45.60 3.94 0.00	46.25 4.08 -0.06	51.50 4.27 0.00	52.00 3.82 -0.30	52.00 3.32 -0.24	52.51 2.74 0.00	50.73 2.70 0.00	50.69 2.58 0.00	51.90 2.75 0.00	51.04 3.12 0.00	46.05 2.78 0.00
CALSPAN___DRP 24200	40.94 -2.14 0.00	32.97 -2.26 0.00	28.70 -2.04 0.00	28.45 -2.02 0.00	28.43 -2.16 0.00	36.35 -2.60 0.00	44.42 -2.73 0.00	47.14 -2.32 0.00	31.07 -1.59 0.00	33.08 -0.69 0.00	31.19 -0.58 0.00	34.21 -0.50 0.00	34.24 -0.60 0.00	40.39 -1.27 0.00	40.61 -1.50 0.00	45.66 -1.57 0.00	46.03 -1.84 0.00	46.84 -1.59 0.00	47.64 -2.12 0.00	45.22 -2.48 0.33	45.73 -2.37 0.01	46.31 -2.65 0.20	45.36 -2.50 0.05	41.46 -1.80 0.00

CALVERTON___SOLAR 323806	45.33 2.25 0.00	36.72 1.49 0.00	32.37 1.63 0.00	31.99 1.52 0.00	32.23 1.64 0.00	40.40 1.44 0.00	48.68 1.53 0.00	50.89 1.42 0.00	34.22 1.56 0.00	35.55 1.78 0.00	33.51 1.73 0.00	36.87 2.16 0.00	37.53 2.69 0.00	45.33 3.68 0.00	46.16 3.99 -0.06	51.51 4.28 0.00	52.30 4.13 -0.30	52.34 3.66 -0.24	52.82 3.06 0.00	51.12 3.10 0.00	51.06 2.94 0.00	51.95 2.80 0.00	50.84 2.93 0.00	45.82 2.56 0.00
CANDIGU_WT_PWR 323617	41.50 -1.58 0.00	33.41 -1.81 0.00	29.01 -1.73 0.00	28.80 -1.67 0.00	28.79 -1.80 0.00	36.70 -2.26 0.00	44.63 -2.52 0.00	46.97 -2.49 0.00	30.67 -1.99 0.00	32.16 -1.61 0.00	30.39 -1.39 0.00	33.23 -1.48 0.00	33.39 -1.44 0.00	39.67 -1.98 0.00	39.92 -2.18 0.00	45.34 -1.89 0.00	46.28 -1.59 0.00	46.87 -1.56 0.00	47.40 -2.37 0.00	43.55 -2.75 1.73	45.11 -2.96 0.05	45.68 -3.08 0.40	45.00 -2.88 0.03	41.04 -2.22 0.00
CARR STREET_E_SYR 24060	42.33 -0.74 0.00	34.55 -0.67 0.00	30.12 -0.63 0.00	29.86 -0.61 0.00	29.95 -0.63 0.00	38.18 -0.78 0.00	46.27 -0.88 0.00	48.47 -1.00 0.00	31.92 -0.73 0.00	33.08 -0.69 0.00	31.16 -0.62 0.00	34.08 -0.63 0.00	34.20 -0.64 0.00	40.82 -0.84 0.00	41.28 -0.82 0.00	46.46 -0.76 0.00	47.20 -0.66 0.00	47.94 -0.50 0.00	49.14 -0.63 0.00	47.35 -0.68 0.00	47.43 -0.68 0.00	48.29 -0.80 0.06	47.12 -0.77 0.02	42.62 -0.64 0.00
CARTHAGE___PAPER 23857	44.68 1.59 0.00	36.51 1.28 0.00	31.74 1.00 0.00	31.37 0.89 0.00	31.68 1.09 0.00	40.34 1.38 0.00	48.66 1.51 0.00	50.63 1.16 0.00	32.80 0.15 0.00	33.42 -0.35 0.00	31.58 -0.20 0.00	34.33 -0.38 0.00	34.23 -0.61 0.00	40.64 -1.01 0.00	41.23 -0.88 0.00	46.41 -0.82 0.00	47.47 -0.40 0.00	48.79 0.36 0.00	51.01 1.24 0.00	49.51 1.48 0.00	49.27 1.16 0.00	49.90 0.75 0.00	48.56 0.65 0.00	43.49 0.23 0.00
CASSADAGA_WT_PWR 323784	41.25 -1.83 0.00	33.26 -1.97 0.00	28.81 -1.93 0.00	28.62 -1.85 0.00	28.53 -2.06 0.00	36.51 -2.45 0.00	44.87 -2.29 0.00	47.44 -2.03 0.00	31.19 -1.47 0.00	33.19 -0.58 0.00	31.57 -0.20 0.00	34.66 -0.05 0.00	34.70 -0.14 0.00	41.23 -0.42 0.00	41.21 -0.90 0.00	46.66 -0.57 0.00	46.71 -1.15 0.00	47.34 -1.09 0.00	48.02 -1.75 0.00	45.37 -2.44 0.22	45.48 -2.63 0.01	46.59 -2.39 0.16	45.93 -1.94 0.05	42.04 -1.22 0.00
CE_DUNWOOD___DRP 24194	45.20 2.12 0.00	36.74 1.51 0.00	31.92 1.18 0.00	31.57 1.11 0.00	31.68 1.09 0.00	40.24 1.28 0.00	48.79 1.64 0.00	51.15 1.69 0.00	34.19 1.54 0.00	35.51 1.73 0.00	33.62 1.84 0.00	36.92 2.22 0.00	37.40 2.57 0.00	44.92 3.26 0.00	45.39 3.28 0.00	50.67 3.44 0.00	51.02 3.15 0.00	51.17 2.74 0.00	52.21 2.44 0.00	50.40 2.37 0.00	50.46 2.35 0.00	51.72 2.57 0.00	50.75 2.84 0.00	45.79 2.53 0.00
CE_MILLWOOD___DRP 24193	45.09 2.02 0.00	36.65 1.42 0.00	31.86 1.11 0.00	31.51 1.04 0.00	31.61 1.03 0.00	40.18 1.22 0.00	48.71 1.55 0.00	51.08 1.61 0.00	34.12 1.47 0.00	35.42 1.65 0.00	33.53 1.76 0.00	36.83 2.12 0.00	37.30 2.46 0.00	44.79 3.14 0.00	45.26 3.15 0.00	50.53 3.29 0.00	50.90 3.03 0.00	51.07 2.64 0.00	52.12 2.35 0.00	50.31 2.28 0.00	50.40 2.29 0.00	51.63 2.48 0.00	50.65 2.74 0.00	45.68 2.42 0.00
CE_NYC2_DRP 24202	45.42 2.34 0.00	36.92 1.70 0.00	32.06 1.32 0.00	31.71 1.25 0.00	31.80 1.21 0.00	40.35 1.39 0.00	48.91 1.75 0.00	51.25 1.79 0.00	34.41 1.76 0.00	35.70 1.93 0.00	33.83 2.06 0.00	37.19 2.48 0.00	37.68 2.85 0.00	45.23 3.58 0.00	45.75 3.65 0.00	50.96 3.73 0.00	51.19 3.32 0.00	51.16 2.72 0.00	52.18 2.41 0.00	50.36 2.34 0.00	50.44 2.33 0.00	51.77 2.62 0.00	50.95 3.04 0.00	46.05 2.79 0.00
CE_NYC_DRP 24195	45.56 2.47 0.00	37.02 1.79 0.00	32.14 1.40 0.00	31.79 1.32 0.00	31.88 1.29 0.00	40.47 1.51 0.00	49.07 1.91 0.00	51.44 1.97 0.00	34.46 1.80 0.00	35.79 2.02 0.00	33.92 2.14 0.00	37.29 2.58 0.00	37.79 2.95 0.00	45.38 3.73 0.00	45.88 3.78 0.00	51.16 3.93 0.00	51.36 3.50 0.00	51.36 2.93 0.00	52.38 2.61 0.00	50.55 2.52 0.00	50.62 2.50 0.00	51.97 2.83 0.00	51.14 3.23 0.00	46.14 2.88 0.00
CHAFFEE___LFGE 323603	41.13 -1.96 0.00	33.13 -2.10 0.00	28.83 -1.91 0.00	28.58 -1.89 0.00	28.57 -2.03 0.00	36.52 -2.43 0.00	44.58 -2.58 0.00	47.32 -2.15 0.00	31.19 -1.47 0.00	33.18 -0.59 0.00	31.30 -0.47 0.00	34.33 -0.38 0.00	34.39 -0.45 0.00	40.60 -1.05 0.00	40.79 -1.31 0.00	45.90 -1.33 0.00	46.30 -1.56 0.00	47.12 -1.32 0.00	47.94 -1.83 0.00	45.59 -2.18 0.26	46.03 -2.07 0.01	46.60 -2.38 0.18	45.65 -2.22 0.05	41.66 -1.61 0.00
CHATEAUG_35_KV_LOAD 355732	43.20 0.12 0.00	35.51 0.28 0.00	31.10 0.35 0.00	30.85 0.38 0.00	30.98 0.39 0.00	39.43 0.47 0.00	47.66 0.50 0.00	50.03 0.56 0.00	32.95 0.30 0.00	33.96 0.19 0.00	31.98 0.20 0.00	34.87 0.17 0.00	34.86 0.02 0.00	41.61 -0.04 0.00	41.90 -0.21 0.00	46.90 -0.34 0.00	47.47 -0.40 0.00	48.31 -0.12 0.00	49.99 0.22 0.00	48.00 -0.02 0.00	47.87 -0.24 0.00	48.75 -0.40 0.00	47.22 -0.69 0.00	42.48 -0.78 0.00
CHATEAUG_WT_PWR 323614	43.18 0.10 0.00	35.49 0.26 0.00	31.07 0.33 0.00	30.82 0.35 0.00	30.96 0.37 0.00	39.41 0.45 0.00	47.63 0.47 0.00	50.01 0.54 0.00	32.98 0.33 0.00	33.99 0.22 0.00	32.01 0.23 0.00	34.90 0.20 0.00	34.89 0.05 0.00	41.65 0.00 0.00	41.94 -0.17 0.00	46.97 -0.26 0.00	47.55 -0.32 0.00	48.37 -0.06 0.00	50.01 0.24 0.00	47.98 -0.05 0.00	47.84 -0.28 0.00	48.73 -0.42 0.00	47.21 -0.70 0.00	42.45 -0.81 0.00
CHAT_HIGH_FALL_HYD 323578	43.20 0.12 0.00	35.51 0.28 0.00	31.10 0.35 0.00	30.85 0.38 0.00	30.98 0.39 0.00	39.43 0.47 0.00	47.66 0.50 0.00	50.03 0.56 0.00	32.95 0.30 0.00	33.96 0.19 0.00	31.98 0.20 0.00	34.87 0.17 0.00	34.86 0.02 0.00	41.61 -0.04 0.00	41.90 -0.21 0.00	46.90 -0.34 0.00	47.47 -0.40 0.00	48.31 -0.12 0.00	49.99 0.22 0.00	48.00 -0.02 0.00	47.87 -0.24 0.00	48.75 -0.40 0.00	47.22 -0.69 0.00	42.48 -0.78 0.00
CHAUTAUQUA___LFGE 323629	41.17 -1.91 0.00	33.24 -1.99 0.00	28.84 -1.90 0.00	28.64 -1.83 0.00	28.59 -2.00 0.00	36.58 -2.38 0.00	44.80 -2.35 0.00	47.34 -2.12 0.00	31.11 -1.54 0.00	33.08 -0.70 0.00	31.35 -0.43 0.00	34.38 -0.32 0.00	34.45 -0.39 0.00	40.88 -0.77 0.00	40.92 -1.18 0.00	46.30 -0.93 0.00	46.50 -1.37 0.00	47.24 -1.19 0.00	47.93 -1.84 0.00	45.39 -2.35 0.28	45.74 -2.36 0.01	46.48 -2.49 0.18	45.70 -2.17 0.05	41.78 -1.48 0.00
CHERRYST_13_KV_LD 356241	45.67 2.59 0.00	37.11 1.88 0.00	32.22 1.48 0.00	31.87 1.40 0.00	31.96 1.37 0.00	40.58 1.62 0.00	49.21 2.05 0.00	51.59 2.12 0.00	34.55 1.90 0.00	35.89 2.12 0.00	34.03 2.25 0.00	37.41 2.70 0.00	37.92 3.08 0.00	45.53 3.88 0.00	46.03 3.92 0.00	51.32 4.09 0.00	51.53 3.66 0.00	51.53 3.10 0.00	52.54 2.77 0.00	50.70 2.67 0.00	50.76 2.65 0.00	52.12 2.97 0.00	51.28 3.37 0.00	46.27 3.01 0.00

CHESTROR_138KV_BK263 355645	44.65 1.57 0.00	36.31 1.08 0.00	31.57 0.83 0.00	31.24 0.77 0.00	31.35 0.76 0.00	39.87 0.91 0.00	48.32 1.16 0.00	50.66 1.20 0.00	33.75 1.10 0.00	35.00 1.22 0.00	33.09 1.31 0.00	36.33 1.62 0.00	36.76 1.92 0.00	44.12 2.47 0.00	44.59 2.48 0.00	49.85 2.61 0.00	50.36 2.49 0.00	50.65 2.21 0.00	51.77 2.00 0.00	49.96 1.93 0.00	50.04 1.92 0.00	51.21 2.06 0.00	50.16 2.25 0.00	45.23 1.97 0.00
CH_MIDHUDSON___DRP 24192	45.06 1.98 0.00	36.63 1.40 0.00	31.86 1.12 0.00	31.52 1.05 0.00	31.62 1.03 0.00	40.23 1.28 0.00	48.77 1.62 0.00	51.14 1.67 0.00	34.07 1.42 0.00	35.35 1.58 0.00	33.38 1.61 0.00	36.61 1.90 0.00	37.02 2.18 0.00	44.46 2.80 0.00	44.90 2.79 0.00	50.20 2.97 0.00	50.70 2.84 0.00	51.00 2.57 0.00	52.14 2.37 0.00	50.38 2.36 0.00	50.50 2.39 0.00	51.72 2.57 0.00	50.61 2.70 0.00	45.61 2.35 0.00
CH_MISC_IPPS 23765	45.26 2.18 0.00	36.78 1.55 0.00	31.98 1.23 0.00	31.63 1.16 0.00	31.73 1.14 0.00	40.35 1.39 0.00	48.95 1.79 0.00	51.32 1.86 0.00	34.20 1.55 0.00	35.47 1.70 0.00	33.52 1.75 0.00	36.78 2.07 0.00	37.22 2.39 0.00	44.74 3.09 0.00	45.20 3.09 0.00	50.55 3.32 0.00	51.09 3.22 0.00	51.39 2.96 0.00	52.54 2.77 0.00	50.72 2.70 0.00	50.81 2.70 0.00	52.01 2.86 0.00	50.90 2.99 0.00	45.87 2.61 0.00
CH_RES_BVR_FALLS 23983	43.03 -0.05 0.00	35.24 0.01 0.00	30.75 0.01 0.00	30.50 0.03 0.00	30.63 0.04 0.00	38.99 0.03 0.00	47.16 0.00 0.00	49.48 0.01 0.00	32.64 -0.01 0.00	33.73 -0.05 0.00	31.77 -0.01 0.00	34.67 -0.04 0.00	34.74 -0.09 0.00	41.52 -0.13 0.00	41.95 -0.15 0.00	47.02 -0.21 0.00	47.64 -0.23 0.00	48.27 -0.16 0.00	49.67 -0.10 0.00	47.84 -0.19 0.00	47.85 -0.26 0.00	48.85 -0.30 0.00	47.55 -0.36 0.00	42.93 -0.34 0.00
CH_RES_NIAGARA 23895	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
CH_RES_SYRACUSE 23985	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.47 0.00	46.65 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.43 0.00	34.26 -0.45 0.00	34.41 -0.42 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.28 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.30 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00
CLINTON_WT_PWR 323605	43.18 0.10 0.00	35.49 0.26 0.00	31.07 0.33 0.00	30.82 0.35 0.00	30.96 0.37 0.00	39.41 0.45 0.00	47.63 0.47 0.00	50.01 0.54 0.00	32.98 0.33 0.00	33.99 0.22 0.00	32.01 0.23 0.00	34.90 0.20 0.00	34.89 0.05 0.00	41.65 0.00 0.00	41.94 -0.17 0.00	46.97 -0.26 0.00	47.55 -0.32 0.00	48.37 -0.06 0.00	50.01 0.24 0.00	47.98 -0.05 0.00	47.84 -0.28 0.00	48.73 -0.42 0.00	47.21 -0.70 0.00	42.45 -0.81 0.00
CLINTON___LFGE 323618	43.67 0.59 0.00	35.88 0.66 0.00	31.46 0.72 0.00	31.21 0.74 0.00	31.34 0.75 0.00	39.92 0.96 0.00	48.22 1.06 0.00	50.59 1.12 0.00	33.27 0.61 0.00	34.27 0.50 0.00	32.24 0.47 0.00	35.16 0.46 0.00	35.16 0.32 0.00	41.96 0.31 0.00	42.21 0.10 0.00	47.34 0.11 0.00	47.96 0.09 0.00	48.87 0.43 0.00	50.65 0.89 0.00	48.68 0.65 0.00	48.52 0.41 0.00	49.39 0.24 0.00	47.78 -0.13 0.00	42.89 -0.37 0.00
COBBLENY_34_KV_TB1 80064	41.13 -1.95 0.00	33.13 -2.10 0.00	28.83 -1.91 0.00	28.58 -1.89 0.00	28.57 -2.03 0.00	36.53 -2.43 0.00	44.61 -2.55 0.00	47.32 -2.15 0.00	31.19 -1.47 0.00	33.18 -0.59 0.00	31.30 -0.47 0.00	34.33 -0.38 0.00	34.39 -0.45 0.00	40.60 -1.05 0.00	40.80 -1.30 0.00	45.91 -1.33 0.00	46.29 -1.57 0.00	47.11 -1.32 0.00	47.93 -1.84 0.00	45.60 -2.17 0.26	46.03 -2.08 0.01	46.60 -2.38 0.18	45.64 -2.22 0.05	41.66 -1.60 0.00
COFFEEN___115KV_TB3 355620	44.59 1.52 0.00	36.39 1.16 0.00	31.60 0.86 0.00	31.23 0.76 0.00	31.53 0.94 0.00	40.15 1.19 0.00	48.47 1.31 0.00	50.39 0.92 0.00	32.59 -0.07 0.00	33.22 -0.56 0.00	31.40 -0.37 0.00	34.12 -0.59 0.00	34.03 -0.81 0.00	40.43 -1.23 0.00	41.05 -1.05 0.00	46.29 -0.94 0.00	47.37 -0.49 0.00	48.91 0.47 0.00	51.18 1.41 0.00	49.71 1.68 0.00	49.47 1.36 0.00	50.01 0.86 0.00	48.60 0.68 0.00	43.49 0.23 0.00
COLDSPRG_115KV_BK1 355956	42.17 -0.91 0.00	34.16 -1.07 0.00	29.64 -1.10 0.00	29.44 -1.03 0.00	29.43 -1.16 0.00	37.63 -1.33 0.00	46.00 -1.16 0.00	48.49 -0.98 0.00	31.85 -0.80 0.00	33.75 -0.03 0.00	32.04 0.27 0.00	35.02 0.31 0.00	35.13 0.29 0.00	41.87 0.21 0.00	41.77 -0.34 0.00	47.22 -0.01 0.00	47.45 -0.42 0.00	48.15 -0.28 0.00	48.88 -0.89 0.00	46.58 -1.33 0.12	46.71 -1.40 0.00	47.46 -1.55 0.14	46.92 -0.95 0.04	42.93 -0.33 0.00
COLONIE_LFGE___ 323577	44.17 1.08 0.00	36.06 0.84 0.00	31.57 0.82 0.00	31.23 0.76 0.00	31.38 0.79 0.00	40.07 1.12 0.00	48.45 1.30 0.00	50.82 1.35 0.00	33.49 0.83 0.00	34.44 0.67 0.00	32.06 0.29 0.00	34.94 0.23 0.00	35.05 0.21 0.00	42.11 0.45 0.00	42.64 0.54 0.00	47.91 0.68 0.00	48.68 0.81 0.00	49.21 0.77 0.00	50.70 0.93 0.00	49.30 1.28 0.00	49.52 1.41 0.00	50.83 1.68 0.00	49.44 1.53 0.00	44.53 1.26 0.00
COOPERNY_115KV_TB1 80082	44.12 1.04 0.00	35.93 0.70 0.00	31.27 0.53 0.00	30.97 0.50 0.00	31.08 0.49 0.00	39.53 0.57 0.00	47.89 0.73 0.00	50.21 0.74 0.00	33.36 0.71 0.00	34.58 0.81 0.00	32.66 0.88 0.00	35.79 1.09 0.00	36.15 1.31 0.00	43.36 1.70 0.00	43.80 1.69 0.00	49.02 1.79 0.00	49.58 1.72 0.00	49.95 1.52 0.00	51.11 1.34 0.00	49.31 1.28 0.00	49.39 1.28 0.00	50.52 1.37 0.00	49.43 1.52 0.00	44.60 1.34 0.00
COPENHAGEN_WT_PWR 323753	44.21 1.13 0.00	36.07 0.85 0.00	31.31 0.57 0.00	30.92 0.45 0.00	31.24 0.65 0.00	39.76 0.80 0.00	47.91 0.76 0.00	49.81 0.34 0.00	32.29 -0.36 0.00	33.01 -0.76 0.00	31.25 -0.52 0.00	33.98 -0.73 0.00	33.84 -1.00 0.00	40.13 -1.52 0.00	40.79 -1.32 0.00	45.91 -1.32 0.00	47.01 -0.86 0.00	48.29 -0.15 0.00	50.34 0.57 0.00	48.89 0.86 0.00	48.59 0.48 0.00	49.08 -0.07 0.00	47.72 -0.19 0.00	42.68 -0.58 0.00
CORNELL_____ 23752	43.30 0.22 0.00	35.26 0.03 0.00	30.69 -0.05 0.00	30.44 -0.03 0.00	30.52 -0.07 0.00	38.87 -0.09 0.00	47.10 -0.06 0.00	49.32 -0.14 0.00	32.32 -0.34 0.00	33.28 -0.50 0.00	31.33 -0.45 0.00	34.23 -0.48 0.00	34.45 -0.39 0.00	41.14 -0.51 0.00	41.74 -0.37 0.00	47.19 -0.04 0.00	48.16 0.29 0.00	49.04 0.61 0.00	50.31 0.55 0.00	48.52 0.38 -0.11	48.43 0.31 0.00	49.28 0.14 0.02	48.08 0.18 0.01	43.47 0.20 0.00

CORONA V_69 KV_TB1 355595	45.65 2.58 0.00	37.05 1.83 0.00	32.26 1.52 0.00	31.87 1.40 0.00	31.97 1.38 0.00	40.52 1.56 0.00	49.11 1.95 0.00	51.50 2.03 0.00	34.52 1.87 0.00	35.83 2.06 0.00	33.97 2.20 0.00	37.39 2.69 0.00	37.96 3.12 0.00	45.65 3.99 0.00	46.29 4.12 -0.06	51.55 4.32 0.00	52.20 4.03 -0.30	52.25 3.57 -0.24	52.84 3.07 0.00	50.99 2.97 0.00	51.01 2.90 0.00	52.23 3.08 0.00	51.20 3.29 0.00	46.22 2.95 0.00
CORTLAND_115KV_TB3 80093	43.11 0.03 0.00	35.15 -0.08 0.00	30.61 -0.13 0.00	30.36 -0.11 0.00	30.45 -0.14 0.00	38.80 -0.16 0.00	47.02 -0.14 0.00	49.23 -0.24 0.00	32.33 -0.33 0.00	33.38 -0.40 0.00	31.44 -0.33 0.00	34.36 -0.34 0.00	34.54 -0.30 0.00	41.27 -0.38 0.00	41.76 -0.35 0.00	47.13 -0.10 0.00	48.00 0.13 0.00	48.77 0.33 0.00	49.99 0.22 0.00	48.15 0.12 0.00	48.19 0.08 0.00	49.08 -0.04 0.03	47.88 -0.02 0.01	43.29 0.03 0.00
COXSACKIE__GT 23611	45.03 1.95 0.00	36.71 1.48 0.00	32.04 1.30 0.00	31.75 1.28 0.00	31.88 1.29 0.00	40.67 1.72 0.00	49.20 2.04 0.00	51.77 2.31 0.00	33.97 1.31 0.00	34.64 0.87 0.00	32.26 0.49 0.00	35.19 0.48 0.00	35.40 0.56 0.00	42.56 0.90 0.00	43.13 1.03 0.00	48.51 1.28 0.00	49.41 1.54 0.00	50.17 1.74 0.00	52.28 2.52 0.00	50.95 2.92 0.00	51.12 3.01 0.00	52.23 3.08 0.00	50.76 2.85 0.00	45.61 2.35 0.00
CPV_VALLEY__CC1 323721	44.29 1.21 0.00	36.04 0.82 0.00	31.36 0.62 0.00	31.04 0.57 0.00	31.14 0.56 0.00	39.59 0.63 0.00	47.99 0.83 0.00	50.31 0.84 0.00	33.52 0.86 0.00	34.76 0.99 0.00	32.86 1.09 0.00	36.05 1.35 0.00	36.46 1.62 0.00	43.74 2.09 0.00	44.20 2.09 0.00	49.41 2.18 0.00	49.90 2.04 0.00	50.19 1.76 0.00	51.29 1.52 0.00	49.51 1.48 0.00	49.60 1.49 0.00	50.76 1.61 0.00	49.72 1.80 0.00	44.85 1.58 0.00
CPV_VALLEY__CC2 323722	44.29 1.21 0.00	36.04 0.82 0.00	31.36 0.62 0.00	31.04 0.57 0.00	31.14 0.56 0.00	39.59 0.63 0.00	47.99 0.83 0.00	50.31 0.84 0.00	33.52 0.86 0.00	34.76 0.99 0.00	32.86 1.09 0.00	36.05 1.35 0.00	36.46 1.62 0.00	43.74 2.09 0.00	44.20 2.09 0.00	49.41 2.18 0.00	49.90 2.04 0.00	50.19 1.76 0.00	51.29 1.52 0.00	49.51 1.48 0.00	49.60 1.49 0.00	50.76 1.61 0.00	49.72 1.80 0.00	44.85 1.58 0.00
CRESCENT__HYD 24018	44.17 1.08 0.00	36.06 0.84 0.00	31.57 0.82 0.00	31.23 0.76 0.00	31.38 0.79 0.00	40.07 1.12 0.00	48.45 1.30 0.00	50.82 1.35 0.00	33.49 0.83 0.00	34.44 0.67 0.00	32.06 0.29 0.00	34.94 0.23 0.00	35.05 0.21 0.00	42.11 0.45 0.00	42.64 0.54 0.00	47.91 0.68 0.00	48.68 0.81 0.00	49.21 0.77 0.00	50.70 0.93 0.00	49.30 1.28 0.00	49.52 1.41 0.00	50.83 1.68 0.00	49.44 1.53 0.00	44.53 1.26 0.00
CRICKET__VALLEY_CC1 323756	44.69 1.61 0.00	36.31 1.08 0.00	31.58 0.84 0.00	31.24 0.77 0.00	31.33 0.74 0.00	39.88 0.92 0.00	48.40 1.24 0.00	50.75 1.28 0.00	33.82 1.17 0.00	35.11 1.34 0.00	33.14 1.36 0.00	36.34 1.64 0.00	36.68 1.84 0.00	43.99 2.34 0.00	44.42 2.31 0.00	49.63 2.41 0.00	50.14 2.28 0.00	50.50 2.06 0.00	51.63 1.86 0.00	49.94 1.91 0.00	50.11 2.00 0.00	51.38 2.23 0.00	50.25 2.34 0.00	45.25 1.98 0.00
CRICKET__VALLEY_CC2 323757	44.69 1.61 0.00	36.31 1.08 0.00	31.58 0.84 0.00	31.24 0.77 0.00	31.33 0.74 0.00	39.88 0.92 0.00	48.40 1.24 0.00	50.75 1.28 0.00	33.82 1.17 0.00	35.11 1.34 0.00	33.14 1.36 0.00	36.34 1.64 0.00	36.68 1.84 0.00	43.99 2.34 0.00	44.42 2.31 0.00	49.63 2.41 0.00	50.14 2.28 0.00	50.50 2.06 0.00	51.63 1.86 0.00	49.94 1.91 0.00	50.11 2.00 0.00	51.38 2.23 0.00	50.25 2.34 0.00	45.25 1.98 0.00
CRICKET__VALLEY_CC3 323758	44.69 1.61 0.00	36.31 1.08 0.00	31.58 0.84 0.00	31.24 0.77 0.00	31.33 0.74 0.00	39.88 0.92 0.00	48.40 1.24 0.00	50.75 1.28 0.00	33.82 1.17 0.00	35.11 1.34 0.00	33.14 1.36 0.00	36.34 1.64 0.00	36.68 1.84 0.00	43.99 2.34 0.00	44.42 2.31 0.00	49.63 2.41 0.00	50.14 2.28 0.00	50.50 2.06 0.00	51.63 1.86 0.00	49.94 1.91 0.00	50.11 2.00 0.00	51.38 2.23 0.00	50.25 2.34 0.00	45.25 1.98 0.00
CRUCIBLE_METL_DRP 24180	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.48 0.00	46.64 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.44 0.00	34.26 -0.45 0.00	34.41 -0.43 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.29 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00
DAHOWA__HYDRO 323763	44.78 1.70 0.00	36.56 1.33 0.00	31.99 1.25 0.00	31.66 1.18 0.00	31.81 1.22 0.00	40.65 1.70 0.00	49.18 2.03 0.00	51.53 2.06 0.00	33.77 1.11 0.00	34.53 0.76 0.00	31.93 0.16 0.00	34.73 0.03 0.00	34.74 -0.09 0.00	41.78 0.13 0.00	42.44 0.33 0.00	47.87 0.63 0.00	48.86 0.99 0.00	49.91 1.48 0.00	51.65 1.89 0.00	50.43 2.41 0.00	50.67 2.56 0.00	51.81 2.66 0.00	50.32 2.41 0.00	45.23 1.96 0.00
DANC__LFGE 323619	43.37 0.29 0.00	35.39 0.17 0.00	30.78 0.04 0.00	30.43 -0.04 0.00	30.67 0.08 0.00	39.05 0.10 0.00	47.17 0.01 0.00	49.19 -0.27 0.00	32.07 -0.59 0.00	32.93 -0.84 0.00	31.11 -0.66 0.00	33.89 -0.82 0.00	33.84 -0.99 0.00	40.23 -1.43 0.00	40.82 -1.29 0.00	45.94 -1.29 0.00	46.85 -1.02 0.00	47.89 -0.54 0.00	49.67 -0.10 0.00	48.11 0.09 0.00	48.01 -0.10 0.00	48.71 -0.46 -0.03	47.38 -0.54 -0.01	42.55 -0.72 0.00
DANSKAMMER__1 23586	45.26 2.18 0.00	36.78 1.55 0.00	31.98 1.23 0.00	31.63 1.16 0.00	31.73 1.14 0.00	40.35 1.39 0.00	48.95 1.79 0.00	51.32 1.86 0.00	34.20 1.55 0.00	35.47 1.70 0.00	33.52 1.75 0.00	36.78 2.07 0.00	37.22 2.39 0.00	44.74 3.09 0.00	45.20 3.09 0.00	50.55 3.32 0.00	51.09 3.22 0.00	51.39 2.96 0.00	52.54 2.77 0.00	50.72 2.70 0.00	50.81 2.70 0.00	52.01 2.86 0.00	50.90 2.99 0.00	45.87 2.61 0.00
DANSKAMMER__2 23589	45.26 2.18 0.00	36.78 1.55 0.00	31.98 1.23 0.00	31.63 1.16 0.00	31.73 1.14 0.00	40.35 1.39 0.00	48.95 1.79 0.00	51.32 1.86 0.00	34.20 1.55 0.00	35.47 1.70 0.00	33.52 1.75 0.00	36.78 2.07 0.00	37.22 2.39 0.00	44.74 3.09 0.00	45.20 3.09 0.00	50.55 3.32 0.00	51.09 3.22 0.00	51.39 2.96 0.00	52.54 2.77 0.00	50.72 2.70 0.00	50.81 2.70 0.00	52.01 2.86 0.00	50.90 2.99 0.00	45.87 2.61 0.00
DANSKAMMER__3 23590	45.26 2.18 0.00	36.78 1.55 0.00	31.98 1.23 0.00	31.63 1.16 0.00	31.73 1.14 0.00	40.35 1.39 0.00	48.95 1.79 0.00	51.32 1.86 0.00	34.20 1.55 0.00	35.47 1.70 0.00	33.52 1.75 0.00	36.78 2.07 0.00	37.22 2.39 0.00	44.74 3.09 0.00	45.20 3.09 0.00	50.55 3.32 0.00	51.09 3.22 0.00	51.39 2.96 0.00	52.54 2.77 0.00	50.72 2.70 0.00	50.81 2.70 0.00	52.01 2.86 0.00	50.90 2.99 0.00	45.87 2.61 0.00

DANSKAMMER___4 23591	45.26 2.18 0.00	36.78 1.55 0.00	31.98 1.23 0.00	31.63 1.16 0.00	31.73 1.14 0.00	40.35 1.39 0.00	48.95 1.79 0.00	51.32 1.86 0.00	34.20 1.55 0.00	35.47 1.70 0.00	33.52 1.75 0.00	36.78 2.07 0.00	37.22 2.39 0.00	44.74 3.09 0.00	45.20 3.09 0.00	50.55 3.32 0.00	51.09 3.22 0.00	51.39 2.96 0.00	52.54 2.77 0.00	50.72 2.70 0.00	50.81 2.70 0.00	52.01 2.86 0.00	50.90 2.99 0.00	45.87 2.61 0.00
DANSKAMMER___DIESEL 23592	45.26 2.18 0.00	36.78 1.55 0.00	31.98 1.23 0.00	31.63 1.16 0.00	31.73 1.14 0.00	40.35 1.40 0.00	48.95 1.79 0.00	51.33 1.86 0.00	34.20 1.55 0.00	35.47 1.70 0.00	33.52 1.75 0.00	36.78 2.07 0.00	37.22 2.39 0.00	44.74 3.09 0.00	45.20 3.09 0.00	50.55 3.32 0.00	51.09 3.22 0.00	51.39 2.96 0.00	52.53 2.77 0.00	50.73 2.70 0.00	50.82 2.71 0.00	52.01 2.86 0.00	50.90 2.99 0.00	45.87 2.61 0.00
DARBY___SOLAR 323810	44.60 1.52 0.00	36.42 1.19 0.00	31.87 1.12 0.00	31.53 1.06 0.00	31.69 1.10 0.00	40.49 1.53 0.00	48.97 1.81 0.00	51.31 1.84 0.00	33.65 1.00 0.00	34.44 0.67 0.00	31.90 0.13 0.00	34.72 0.02 0.00	34.74 -0.09 0.00	41.78 0.12 0.00	42.42 0.31 0.00	47.82 0.59 0.00	48.75 0.89 0.00	49.72 1.29 0.00	51.39 1.63 0.00	50.12 2.10 0.00	50.36 2.25 0.00	51.52 2.37 0.00	50.07 2.16 0.00	45.03 1.77 0.00
DASHVILLE___HYD 23610	44.73 1.65 0.00	36.38 1.15 0.00	31.64 0.90 0.00	31.31 0.84 0.00	31.42 0.83 0.00	39.97 1.01 0.00	48.46 1.30 0.00	50.81 1.34 0.00	33.85 1.19 0.00	35.13 1.36 0.00	33.18 1.41 0.00	36.38 1.67 0.00	36.78 1.95 0.00	44.26 2.61 0.00	44.72 2.61 0.00	49.95 2.72 0.00	50.47 2.60 0.00	50.73 2.30 0.00	51.89 2.12 0.00	50.12 2.09 0.00	50.21 2.10 0.00	51.38 2.23 0.00	50.29 2.38 0.00	45.33 2.07 0.00
DELAWARE___LFGE 323621	43.99 0.91 0.00	35.85 0.63 0.00	31.25 0.51 0.00	31.00 0.53 0.00	31.11 0.52 0.00	39.62 0.67 0.00	47.96 0.80 0.00	50.17 0.70 0.00	33.16 0.51 0.00	34.34 0.57 0.00	32.38 0.60 0.00	35.39 0.68 0.00	35.64 0.80 0.00	42.72 1.07 0.00	43.21 1.10 0.00	48.48 1.26 0.00	49.16 1.30 0.00	49.67 1.24 0.00	50.91 1.14 0.00	49.14 1.11 0.00	49.21 1.10 0.00	50.24 1.11 0.02	49.04 1.13 0.01	44.29 1.03 0.00
DERFIELD_115KV_TB7 355931	43.21 0.13 0.00	35.29 0.06 0.00	30.81 0.06 0.00	30.52 0.05 0.00	30.64 0.05 0.00	39.03 0.07 0.00	47.25 0.09 0.00	49.52 0.05 0.00	32.67 0.01 0.00	33.76 -0.01 0.00	31.74 -0.03 0.00	34.66 -0.05 0.00	34.80 -0.04 0.00	41.65 -0.01 0.00	42.15 0.04 0.00	47.28 0.05 0.00	47.94 0.07 0.00	48.49 0.05 0.00	49.82 0.05 0.00	48.14 0.11 0.00	48.25 0.14 0.00	49.33 0.17 0.00	48.09 0.18 0.00	43.40 0.13 0.00
DOGLEVILLE___HYD 23807	44.11 1.03 0.00	35.90 0.67 0.00	31.33 0.59 0.00	31.03 0.56 0.00	31.16 0.57 0.00	39.69 0.74 0.00	47.97 0.82 0.00	49.95 0.48 0.00	32.38 -0.28 0.00	32.92 -0.85 0.00	30.56 -1.21 0.00	33.45 -1.26 0.00	33.59 -1.25 0.00	40.62 -1.04 0.00	41.14 -0.96 0.00	46.43 -0.81 0.00	47.25 -0.62 0.00	48.11 -0.32 0.00	50.28 0.51 0.00	48.95 0.92 0.00	49.25 1.14 0.00	50.91 1.76 0.00	49.56 1.65 0.00	44.50 1.23 0.00
DUNKIRK___115KV_TB_200 55889	41.16 -1.92 0.00	33.23 -2.00 0.00	28.84 -1.90 0.00	28.64 -1.83 0.00	28.60 -1.99 0.00	36.59 -2.37 0.00	44.80 -2.35 0.00	47.32 -2.15 0.00	31.10 -1.56 0.00	33.05 -0.72 0.00	31.31 -0.46 0.00	34.34 -0.36 0.00	34.42 -0.42 0.00	40.83 -0.82 0.00	40.88 -1.23 0.00	46.22 -1.01 0.00	46.44 -1.43 0.00	47.20 -1.24 0.00	47.90 -1.87 0.00	45.39 -2.35 0.29	45.76 -2.34 0.01	46.45 -2.52 0.18	45.66 -2.20 0.05	41.74 -1.52 0.00
DUNKIRK___1 23563	41.16 -1.92 0.00	33.23 -2.00 0.00	28.84 -1.90 0.00	28.64 -1.83 0.00	28.60 -1.99 0.00	36.59 -2.37 0.00	44.80 -2.35 0.00	47.32 -2.15 0.00	31.10 -1.56 0.00	33.05 -0.72 0.00	31.31 -0.46 0.00	34.34 -0.36 0.00	34.42 -0.42 0.00	40.83 -0.82 0.00	40.88 -1.23 0.00	46.22 -1.01 0.00	46.44 -1.43 0.00	47.20 -1.24 0.00	47.90 -1.87 0.00	45.39 -2.35 0.29	45.76 -2.34 0.01	46.45 -2.52 0.18	45.66 -2.20 0.05	41.74 -1.52 0.00
DUNKIRK___2 23564	41.16 -1.92 0.00	33.23 -2.00 0.00	28.84 -1.90 0.00	28.64 -1.83 0.00	28.60 -1.99 0.00	36.59 -2.37 0.00	44.80 -2.35 0.00	47.32 -2.15 0.00	31.10 -1.56 0.00	33.05 -0.72 0.00	31.31 -0.46 0.00	34.34 -0.36 0.00	34.42 -0.42 0.00	40.83 -0.82 0.00	40.88 -1.23 0.00	46.22 -1.01 0.00	46.44 -1.43 0.00	47.20 -1.24 0.00	47.90 -1.87 0.00	45.39 -2.35 0.29	45.76 -2.34 0.01	46.45 -2.52 0.18	45.66 -2.20 0.05	41.74 -1.52 0.00
DUNKIRK___3 23565	41.08 -2.00 0.00	33.17 -2.06 0.00	28.81 -1.93 0.00	28.60 -1.87 0.00	28.57 -2.02 0.00	36.55 -2.41 0.00	44.69 -2.46 0.00	47.23 -2.24 0.00	31.06 -1.59 0.00	33.01 -0.77 0.00	31.24 -0.54 0.00	34.23 -0.48 0.00	34.31 -0.53 0.00	40.65 -1.00 0.00	40.73 -1.37 0.00	45.97 -1.26 0.00	46.25 -1.61 0.00	47.01 -1.43 0.00	47.75 -2.01 0.00	45.28 -2.43 0.31	45.70 -2.40 0.01	46.34 -2.62 0.19	45.53 -2.33 0.05	41.63 -1.64 0.00
DUNKIRK___4 23566	41.08 -2.00 0.00	33.17 -2.06 0.00	28.81 -1.93 0.00	28.60 -1.87 0.00	28.57 -2.02 0.00	36.55 -2.41 0.00	44.69 -2.46 0.00	47.23 -2.24 0.00	31.06 -1.59 0.00	33.01 -0.77 0.00	31.24 -0.54 0.00	34.23 -0.48 0.00	34.31 -0.53 0.00	40.65 -1.00 0.00	40.73 -1.37 0.00	45.97 -1.26 0.00	46.25 -1.61 0.00	47.01 -1.43 0.00	47.75 -2.01 0.00	45.28 -2.43 0.31	45.70 -2.40 0.01	46.34 -2.62 0.19	45.53 -2.33 0.05	41.63 -1.64 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	45.32 2.24 0.00	36.83 1.60 0.00	32.00 1.26 0.00	31.65 1.18 0.00	31.75 1.16 0.00	40.33 1.37 0.00	48.89 1.73 0.00	51.25 1.78 0.00	34.27 1.62 0.00	35.60 1.83 0.00	33.71 1.93 0.00	37.05 2.34 0.00	37.52 2.69 0.00	45.07 3.41 0.00	45.54 3.43 0.00	50.83 3.60 0.00	51.14 3.27 0.00	51.26 2.82 0.00	52.27 2.51 0.00	50.47 2.44 0.00	50.55 2.44 0.00	51.81 2.67 0.00	50.88 2.97 0.00	45.90 2.64 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	44.91 1.83 0.00	36.51 1.28 0.00	31.75 1.00 0.00	31.41 0.94 0.00	31.51 0.92 0.00	40.07 1.12 0.00	48.59 1.43 0.00	50.94 1.48 0.00	33.95 1.29 0.00	35.19 1.43 0.00	33.28 1.51 0.00	36.51 1.81 0.00	36.96 2.12 0.00	44.40 2.75 0.00	44.87 2.76 0.00	50.16 2.93 0.00	50.67 2.80 0.00	50.98 2.55 0.00	52.13 2.36 0.00	50.32 2.29 0.00	50.40 2.29 0.00	51.56 2.42 0.00	50.50 2.59 0.00	45.53 2.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	45.32 2.24 0.00	36.85 1.62 0.00	31.99 1.25 0.00	31.67 1.20 0.00	31.74 1.16 0.00	40.30 1.34 0.00	48.83 1.67 0.00	51.15 1.69 0.00	34.37 1.72 0.00	35.63 1.85 0.00	33.75 1.97 0.00	37.06 2.35 0.00	37.57 2.73 0.00	45.06 3.41 0.00	45.59 3.48 0.00	50.79 3.56 0.00	51.14 3.27 0.00	51.17 2.73 0.00	52.24 2.47 0.00	50.38 2.35 0.00	50.46 2.35 0.00	51.76 2.61 0.00	50.90 2.99 0.00	45.98 2.72 0.00

E179THST_13_KV_LOAD 356214	45.56 2.48 0.00	37.02 1.79 0.00	32.14 1.40 0.00	31.81 1.34 0.00	31.88 1.29 0.00	40.48 1.52 0.00	49.03 1.87 0.00	51.38 1.92 0.00	34.53 1.87 0.00	35.80 2.03 0.00	33.92 2.14 0.00	37.26 2.56 0.00	37.77 2.93 0.00	45.31 3.65 0.00	45.84 3.73 0.00	51.07 3.85 0.00	51.42 3.55 0.00	51.45 3.02 0.00	52.52 2.75 0.00	50.66 2.63 0.00	50.73 2.62 0.00	52.02 2.87 0.00	51.16 3.25 0.00	46.23 2.97 0.00
EAST HAMPTON___GT 23717	46.49 3.42 0.00	37.73 2.50 0.00	33.34 2.60 0.00	32.94 2.47 0.00	33.19 2.59 0.00	41.52 2.56 0.00	49.90 2.74 0.00	52.33 2.86 0.00	35.28 2.63 0.00	36.71 2.94 0.00	34.61 2.84 0.00	38.14 3.44 0.00	38.76 3.92 0.00	46.83 5.18 0.00	47.76 5.59 -0.06	53.43 6.20 0.00	54.34 6.16 -0.30	54.46 5.78 -0.24	54.88 5.12 0.00	52.98 4.95 0.00	52.71 4.60 0.00	53.49 4.34 0.00	52.21 4.30 0.00	46.88 3.62 0.00
EAST RIVER___6 23660	45.65 2.57 0.00	37.08 1.86 0.00	32.19 1.45 0.00	31.84 1.37 0.00	31.93 1.34 0.00	40.52 1.56 0.00	49.15 1.99 0.00	51.51 2.05 0.00	34.47 1.82 0.00	35.81 2.04 0.00	33.96 2.18 0.00	37.34 2.64 0.00	37.85 3.01 0.00	45.45 3.80 0.00	45.96 3.85 0.00	51.24 4.01 0.00	51.45 3.58 0.00	51.43 3.00 0.00	52.45 2.68 0.00	50.60 2.58 0.00	50.66 2.55 0.00	52.03 2.88 0.00	51.24 3.33 0.00	46.22 2.96 0.00
EAST RIVER___7 23524	45.65 2.57 0.00	37.08 1.86 0.00	32.19 1.45 0.00	31.84 1.37 0.00	31.93 1.34 0.00	40.52 1.56 0.00	49.15 1.99 0.00	51.51 2.05 0.00	34.47 1.82 0.00	35.81 2.04 0.00	33.96 2.18 0.00	37.34 2.64 0.00	37.85 3.01 0.00	45.45 3.80 0.00	45.96 3.85 0.00	51.24 4.01 0.00	51.45 3.58 0.00	51.43 3.00 0.00	52.45 2.68 0.00	50.60 2.58 0.00	50.66 2.55 0.00	52.03 2.88 0.00	51.24 3.33 0.00	46.22 2.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.20 2.12 0.00	36.74 1.51 0.00	31.92 1.18 0.00	31.57 1.11 0.00	31.68 1.09 0.00	40.24 1.28 0.00	48.79 1.64 0.00	51.15 1.69 0.00	34.19 1.54 0.00	35.51 1.73 0.00	33.62 1.84 0.00	36.92 2.22 0.00	37.40 2.57 0.00	44.92 3.26 0.00	45.39 3.28 0.00	50.67 3.44 0.00	51.02 3.15 0.00	51.17 2.74 0.00	52.21 2.44 0.00	50.40 2.37 0.00	50.46 2.35 0.00	51.72 2.57 0.00	50.75 2.84 0.00	45.79 2.53 0.00
EAST_HAMPTON___DIESEL 23722	46.50 3.42 0.00	37.73 2.50 0.00	33.35 2.60 0.00	32.94 2.47 0.00	33.19 2.60 0.00	41.53 2.57 0.00	49.90 2.74 0.00	52.33 2.87 0.00	35.29 2.64 0.00	36.72 2.95 0.00	34.62 2.84 0.00	38.14 3.44 0.00	38.76 3.92 0.00	46.83 5.18 0.00	47.76 5.59 -0.06	53.43 6.20 0.00	54.35 6.18 -0.30	54.46 5.78 -0.24	54.90 5.13 0.00	52.98 4.95 0.00	52.72 4.60 0.00	53.49 4.34 0.00	52.21 4.30 0.00	46.88 3.62 0.00
EAST_POINT___SOLAR 323840	44.93 1.85 0.00	36.79 1.56 0.00	32.01 1.27 0.00	31.76 1.29 0.00	31.84 1.25 0.00	40.55 1.60 0.00	49.15 2.00 0.00	50.72 1.25 0.00	32.22 -0.44 0.00	33.06 -0.72 0.00	31.15 -0.62 0.00	34.03 -0.68 0.00	34.20 -0.63 0.00	41.26 -0.40 0.00	41.66 -0.45 0.00	46.70 -0.53 0.00	47.64 -0.22 0.00	49.47 1.04 0.00	52.30 2.53 0.00	50.60 2.57 0.00	50.68 2.56 0.00	51.67 2.51 0.00	50.31 2.40 0.00	45.36 2.09 0.00
EAST_PULASKI___ESR 323781	42.62 -0.46 0.00	34.79 -0.44 0.00	30.32 -0.43 0.00	30.01 -0.46 0.00	30.16 -0.43 0.00	38.41 -0.55 0.00	46.50 -0.66 0.00	48.66 -0.80 0.00	31.91 -0.75 0.00	32.90 -0.87 0.00	31.01 -0.76 0.00	33.86 -0.85 0.00	33.91 -0.93 0.00	40.35 -1.30 0.00	40.89 -1.21 0.00	46.03 -1.19 0.00	46.78 -1.09 0.00	47.63 -0.80 0.00	49.15 -0.62 0.00	47.48 -0.55 0.00	47.52 -0.59 0.00	48.44 -0.79 -0.08	47.12 -0.82 -0.03	42.47 -0.80 0.00
EAST_RIVER___1 323558	45.55 2.47 0.00	37.01 1.79 0.00	32.14 1.40 0.00	31.79 1.32 0.00	31.88 1.29 0.00	40.46 1.51 0.00	49.08 1.93 0.00	51.44 1.97 0.00	34.45 1.80 0.00	35.79 2.02 0.00	33.92 2.14 0.00	37.29 2.58 0.00	37.79 2.95 0.00	45.38 3.73 0.00	45.89 3.78 0.00	51.16 3.93 0.00	51.36 3.49 0.00	51.36 2.93 0.00	52.38 2.61 0.00	50.54 2.52 0.00	50.61 2.49 0.00	51.98 2.83 0.00	51.14 3.23 0.00	46.14 2.88 0.00
EAST_RIVER___2 323559	45.65 2.57 0.00	37.08 1.86 0.00	32.19 1.45 0.00	31.84 1.37 0.00	31.93 1.34 0.00	40.52 1.56 0.00	49.15 1.99 0.00	51.51 2.05 0.00	34.47 1.82 0.00	35.81 2.04 0.00	33.96 2.18 0.00	37.34 2.64 0.00	37.85 3.01 0.00	45.45 3.80 0.00	45.96 3.85 0.00	51.24 4.01 0.00	51.45 3.58 0.00	51.43 3.00 0.00	52.45 2.68 0.00	50.60 2.58 0.00	50.66 2.55 0.00	52.03 2.88 0.00	51.24 3.33 0.00	46.22 2.96 0.00
EAST___DELAWARE_HYD 23607	43.76 0.67 0.00	35.57 0.34 0.00	30.92 0.17 0.00	30.61 0.14 0.00	30.70 0.11 0.00	39.05 0.10 0.00	47.38 0.22 0.00	49.67 0.20 0.00	33.03 0.38 0.00	34.19 0.42 0.00	32.27 0.49 0.00	35.36 0.65 0.00	35.82 0.98 0.00	43.12 1.46 0.00	43.50 1.39 0.00	48.70 1.47 0.00	49.36 1.49 0.00	49.80 1.37 0.00	50.99 1.22 0.00	49.21 1.18 0.00	49.28 1.17 0.00	50.38 1.23 0.00	49.31 1.40 0.00	44.43 1.16 0.00
EIGHT_POINT___WT_PWR 323820	41.56 -1.52 0.00	33.33 -1.90 0.00	28.84 -1.90 0.00	28.56 -1.92 0.00	28.53 -2.06 0.00	36.18 -2.78 0.00	43.94 -3.22 0.00	46.34 -3.12 0.00	30.24 -2.42 0.00	31.86 -1.91 0.00	30.03 -1.75 0.00	32.73 -1.98 0.00	33.02 -1.82 0.00	39.23 -2.42 0.00	39.55 -2.56 0.00	45.24 -1.99 0.00	46.40 -1.47 0.00	46.96 -1.47 0.00	47.51 -2.26 0.00	46.11 -2.94 -1.02	44.82 -3.33 -0.03	45.72 -3.51 -0.09	44.40 -3.48 0.03	40.89 -2.38 0.00
ELBRIDGE_115KV_TB2 80188	42.36 -0.72 0.00	34.56 -0.66 0.00	30.13 -0.62 0.00	29.87 -0.60 0.00	29.97 -0.62 0.00	38.19 -0.77 0.00	46.28 -0.88 0.00	48.55 -0.91 0.00	31.94 -0.72 0.00	33.09 -0.68 0.00	31.17 -0.61 0.00	34.05 -0.65 0.00	34.22 -0.62 0.00	40.82 -0.84 0.00	41.32 -0.79 0.00	46.53 -0.70 0.00	47.29 -0.57 0.00	47.89 -0.55 0.00	49.16 -0.61 0.00	47.38 -0.65 0.00	47.43 -0.68 0.00	48.36 -0.79 0.00	47.18 -0.73 0.00	42.67 -0.59 0.00
ELEC_TRO_TEK 24086	45.40 2.32 0.00	36.85 1.62 0.00	32.10 1.35 0.00	31.71 1.24 0.00	31.83 1.24 0.00	40.31 1.36 0.00	48.86 1.70 0.00	51.23 1.76 0.00	34.36 1.71 0.00	35.65 1.88 0.00	33.76 1.99 0.00	37.17 2.46 0.00	37.73 2.89 0.00	45.36 3.71 0.00	46.01 3.84 -0.06	51.22 4.00 0.00	51.86 3.69 -0.30	51.88 3.20 -0.24	52.46 2.69 0.00	50.66 2.63 0.00	50.68 2.56 0.00	51.88 2.74 0.00	50.90 2.99 0.00	45.92 2.66 0.00
ELLENBURG_WT_PWR 323604	43.18 0.10 0.00	35.49 0.26 0.00	31.07 0.33 0.00	30.82 0.35 0.00	30.96 0.37 0.00	39.41 0.45 0.00	47.63 0.47 0.00	50.01 0.54 0.00	32.98 0.33 0.00	33.99 0.22 0.00	32.01 0.23 0.00	34.90 0.20 0.00	34.89 0.05 0.00	41.65 0.00 0.00	41.94 -0.17 0.00	46.97 -0.26 0.00	47.55 -0.32 0.00	48.37 -0.06 0.00	50.01 0.24 0.00	47.98 -0.05 0.00	47.84 -0.28 0.00	48.73 -0.42 0.00	47.21 -0.70 0.00	42.45 -0.81 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	40.77 -2.31 0.00	32.83 -2.39 0.00	28.60 -2.14 0.00	28.35 -2.12 0.00	28.34 -2.26 0.00	36.24 -2.72 0.00	44.28 -2.88 0.00	47.01 -2.46 0.00	30.99 -1.67 0.00	33.00 -0.77 0.00	31.12 -0.66 0.00	34.10 -0.61 0.00	34.12 -0.72 0.00	40.22 -1.43 0.00	40.42 -1.69 0.00	45.41 -1.82 0.00	45.77 -2.10 0.00	46.57 -1.86 0.00	47.40 -2.37 0.00	44.98 -2.71 0.34	45.50 -2.60 0.01	46.09 -2.87 0.20	45.18 -2.68 0.05	41.32 -1.94 0.00
EMPIRE_CC_1 323656	43.69 0.60 0.00	35.75 0.53 0.00	31.32 0.58 0.00	30.98 0.51 0.00	31.13 0.54 0.00	39.75 0.80 0.00	47.93 0.78 0.00	50.29 0.83 0.00	33.26 0.60 0.00	34.26 0.48 0.00	31.92 0.14 0.00	34.75 0.05 0.00	34.88 0.04 0.00	41.88 0.22 0.00	42.38 0.27 0.00	47.52 0.29 0.00	48.25 0.38 0.00	48.60 0.17 0.00	50.01 0.24 0.00	48.63 0.61 0.00	48.87 0.75 0.00	50.20 1.05 0.00	48.87 0.96 0.00	44.02 0.76 0.00
EMPIRE_CC_2 323658	43.69 0.60 0.00	35.75 0.53 0.00	31.32 0.58 0.00	30.98 0.51 0.00	31.13 0.54 0.00	39.75 0.80 0.00	47.93 0.78 0.00	50.29 0.83 0.00	33.26 0.60 0.00	34.26 0.48 0.00	31.92 0.14 0.00	34.75 0.05 0.00	34.88 0.04 0.00	41.88 0.22 0.00	42.38 0.27 0.00	47.52 0.29 0.00	48.25 0.38 0.00	48.60 0.17 0.00	50.01 0.24 0.00	48.63 0.61 0.00	48.87 0.75 0.00	50.20 1.05 0.00	48.87 0.96 0.00	44.02 0.76 0.00
ENORWICH_115KV_TB1 80156	45.34 2.26 0.00	36.87 1.64 0.00	32.03 1.29 0.00	31.67 1.20 0.00	31.70 1.11 0.00	40.41 1.45 0.00	48.58 1.42 0.00	50.37 0.90 0.00	32.70 0.04 0.00	33.20 -0.57 0.00	31.42 -0.35 0.00	34.56 -0.14 0.00	34.89 0.05 0.00	41.86 0.20 0.00	42.34 0.23 0.00	48.21 0.98 0.00	49.72 1.85 0.00	51.25 2.82 0.00	52.44 2.67 0.00	49.79 1.70 -0.06	49.35 1.24 0.00	49.98 0.85 0.02	48.78 0.88 0.01	44.01 0.75 0.00
ERIE_ST__34_KV_TB1-2 80199	41.13 -1.95 0.00	33.12 -2.11 0.00	28.84 -1.91 0.00	28.58 -1.89 0.00	28.56 -2.04 0.00	36.52 -2.59 0.00	44.62 -2.74 0.00	47.39 -2.31 0.00	31.24 -1.58 0.00	33.26 -0.68 0.00	31.35 -0.59 0.00	34.39 -0.51 0.00	34.44 -0.40 0.00	40.64 -1.02 0.00	40.89 -1.21 0.00	46.02 -1.22 0.00	46.43 -1.44 0.00	47.26 -1.18 0.00	48.11 -2.09 0.00	45.70 -2.46 0.32	46.19 -2.36 0.01	46.76 -2.65 0.19	45.73 -2.49 0.05	41.74 -1.52 0.00
ERIE_WT_PWR 323693	40.94 -2.14 0.00	32.98 -2.25 0.00	28.71 -2.03 0.00	28.46 -2.01 0.00	28.44 -2.15 0.00	36.38 -2.59 0.00	44.42 -2.74 0.00	47.15 -2.31 0.00	31.08 -1.58 0.00	33.09 -0.68 0.00	31.18 -0.59 0.00	34.21 -0.50 0.00	34.25 -0.59 0.00	40.40 -1.25 0.00	40.64 -1.47 0.00	45.67 -1.56 0.00	46.07 -1.80 0.00	46.87 -1.57 0.00	47.68 -2.09 0.00	45.23 -2.46 0.33	45.75 -2.36 0.01	46.31 -2.65 0.20	45.37 -2.49 0.05	41.47 -1.79 0.00
ESPRGFLD_115KV_TB1 80157	44.47 1.39 0.00	36.23 1.00 0.00	31.56 0.81 0.00	31.29 0.81 0.00	31.40 0.80 0.00	40.01 1.06 0.00	48.44 1.29 0.00	50.66 1.19 0.00	33.43 0.78 0.00	34.54 0.77 0.00	32.56 0.78 0.00	35.60 0.90 0.00	35.88 1.04 0.00	43.02 1.37 0.00	43.54 1.43 0.00	48.95 1.72 0.00	49.76 1.89 0.00	50.45 2.02 0.00	51.74 1.97 0.00	49.88 1.85 0.00	49.86 1.75 0.00	50.83 1.69 0.00	49.56 1.65 0.00	44.73 1.46 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.25 0.17 0.00	35.23 0.00 0.00	30.67 -0.07 0.00	30.42 -0.05 0.00	30.50 -0.09 0.00	38.86 -0.10 0.00	47.08 -0.08 0.00	49.28 -0.19 0.00	32.31 -0.35 0.00	33.28 -0.49 0.00	31.34 -0.44 0.00	34.24 -0.47 0.00	34.46 -0.38 0.00	41.17 -0.49 0.00	41.74 -0.36 0.00	47.15 -0.08 0.00	48.11 0.24 0.00	48.97 0.54 0.00	50.23 0.46 0.00	48.42 0.30 -0.09	48.35 0.23 0.00	49.21 0.08 0.02	48.01 0.12 0.01	43.42 0.15 0.00
ETNA_____115KV_TB2 80207	43.25 0.17 0.00	35.23 0.00 0.00	30.67 -0.07 0.00	30.42 -0.05 0.00	30.50 -0.09 0.00	38.86 -0.10 0.00	47.08 -0.08 0.00	49.28 -0.19 0.00	32.31 -0.35 0.00	33.28 -0.49 0.00	31.34 -0.44 0.00	34.24 -0.47 0.00	34.46 -0.38 0.00	41.17 -0.49 0.00	41.74 -0.36 0.00	47.15 -0.08 0.00	48.11 0.24 0.00	48.97 0.54 0.00	50.23 0.46 0.00	48.42 0.30 -0.09	48.35 0.23 0.00	49.21 0.08 0.02	48.01 0.12 0.01	43.42 0.15 0.00
EUCLID___115KV_TB2 356179	42.41 -0.67 0.00	34.62 -0.60 0.00	30.18 -0.57 0.00	29.91 -0.56 0.00	30.01 -0.58 0.00	38.25 -0.72 0.00	46.36 -0.79 0.00	48.63 -0.83 0.00	32.02 -0.64 0.00	33.15 -0.63 0.00	31.22 -0.55 0.00	34.16 -0.55 0.00	34.30 -0.53 0.00	40.92 -0.73 0.00	41.44 -0.67 0.00	46.67 -0.56 0.00	47.45 -0.42 0.00	48.06 -0.37 0.00	49.28 -0.49 0.00	47.48 -0.55 0.00	47.55 -0.56 0.00	48.42 -0.68 0.05	47.23 -0.67 0.02	42.71 -0.55 0.00
EXCELSIOR___SOLAR 323857	41.00 -2.08 0.00	33.17 -2.06 0.00	28.92 -1.83 0.00	28.65 -1.82 0.00	28.68 -1.91 0.00	36.63 -2.32 0.00	44.62 -2.54 0.00	47.27 -2.20 0.00	31.14 -1.51 0.00	32.88 -0.89 0.00	30.96 -0.81 0.00	33.89 -0.82 0.00	33.94 -0.90 0.00	40.12 -1.53 0.00	40.39 -1.71 0.00	45.41 -1.82 0.00	45.96 -1.91 0.00	46.72 -1.71 0.00	47.76 -2.01 0.00	45.66 -2.25 0.11	45.95 -2.15 0.00	46.56 -2.40 0.18	45.58 -2.27 0.06	41.54 -1.72 0.00
E_CANADA_CAP_HY 24051	44.52 1.44 0.00	36.49 1.27 0.00	31.78 1.03 0.00	31.52 1.05 0.00	31.60 1.01 0.00	40.20 1.24 0.00	48.69 1.53 0.00	50.80 1.33 0.00	33.03 0.37 0.00	34.13 0.35 0.00	32.34 0.56 0.00	35.34 0.64 0.00	35.49 0.65 0.00	42.38 0.73 0.00	42.84 0.74 0.00	47.71 0.48 0.00	48.52 0.65 0.00	49.76 1.32 0.00	51.72 1.95 0.00	49.82 1.79 0.00	49.81 1.70 0.00	50.84 1.69 0.00	49.58 1.66 0.00	44.76 1.50 0.00
E_CANADA_MHWK_HY 24050	44.11 1.03 0.00	35.90 0.67 0.00	31.33 0.59 0.00	31.03 0.56 0.00	31.16 0.57 0.00	39.69 0.73 0.00	47.97 0.82 0.00	49.95 0.48 0.00	32.38 -0.28 0.00	32.92 -0.85 0.00	30.56 -1.21 0.00	33.45 -1.26 0.00	33.59 -1.25 0.00	40.62 -1.03 0.00	41.14 -0.96 0.00	46.43 -0.81 0.00	47.25 -0.61 0.00	48.11 -0.32 0.00	50.28 0.51 0.00	48.95 0.92 0.00	49.25 1.13 0.00	50.91 1.76 0.00	49.56 1.65 0.00	44.50 1.23 0.00
E_FISHKILL___LBMP 23776	44.89 1.82 0.00	36.50 1.28 0.00	31.75 1.00 0.00	31.41 0.94 0.00	31.51 0.92 0.00	40.07 1.11 0.00	48.57 1.41 0.00	50.92 1.46 0.00	33.98 1.32 0.00	35.26 1.49 0.00	33.33 1.55 0.00	36.57 1.87 0.00	36.98 2.14 0.00	44.38 2.72 0.00	44.82 2.72 0.00	50.07 2.84 0.00	50.49 2.62 0.00	50.73 2.30 0.00	51.84 2.06 0.00	50.07 2.04 0.00	50.17 2.06 0.00	51.41 2.26 0.00	50.38 2.47 0.00	45.43 2.17 0.00
FALCON___SEABRD_CC1 323796	43.63 0.55 0.00	35.81 0.59 0.00	31.41 0.67 0.00	31.15 0.68 0.00	31.29 0.70 0.00	39.86 0.90 0.00	48.17 1.01 0.00	50.53 1.06 0.00	33.25 0.60 0.00	34.27 0.50 0.00	32.23 0.45 0.00	35.17 0.46 0.00	35.16 0.33 0.00	41.98 0.33 0.00	42.23 0.13 0.00	47.39 0.16 0.00	48.01 0.14 0.00	48.82 0.39 0.00	50.57 0.80 0.00	48.57 0.54 0.00	48.39 0.27 0.00	49.28 0.13 0.00	47.67 -0.24 0.00	42.79 -0.47 0.00

FALCON___SEABRD_CC2 323797	43.63 0.55 0.00	35.81 0.59 0.00	31.41 0.67 0.00	31.15 0.68 0.00	31.29 0.70 0.00	39.86 0.90 0.00	48.17 1.01 0.00	50.53 1.06 0.00	33.25 0.60 0.00	34.27 0.50 0.00	32.23 0.45 0.00	35.17 0.46 0.00	35.16 0.33 0.00	41.98 0.33 0.00	42.23 0.13 0.00	47.39 0.16 0.00	48.01 0.14 0.00	48.82 0.39 0.00	50.57 0.80 0.00	48.57 0.54 0.00	48.39 0.27 0.00	49.28 0.13 0.00	47.67 -0.24 0.00	42.79 -0.47 0.00
FAR ROCKAWAY___4 23548	46.09 3.01 0.00	37.38 2.15 0.00	32.55 1.80 0.00	32.14 1.67 0.00	32.24 1.65 0.00	40.85 1.89 0.00	49.51 2.35 0.00	51.92 2.45 0.00	34.83 2.17 0.00	36.16 2.39 0.00	34.29 2.52 0.00	37.76 3.05 0.00	38.35 3.52 0.00	46.15 4.49 0.00	46.82 4.65 -0.06	52.17 4.93 0.00	52.84 4.67 -0.30	52.87 4.20 -0.24	53.42 3.65 0.00	51.55 3.52 0.00	51.54 3.42 0.00	52.75 3.60 0.00	51.72 3.81 0.00	46.66 3.40 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	45.53 2.44 0.00	36.99 1.76 0.00	32.12 1.38 0.00	31.77 1.30 0.00	31.86 1.27 0.00	40.46 1.50 0.00	49.05 1.89 0.00	51.41 1.94 0.00	34.44 1.79 0.00	35.77 2.00 0.00	33.91 2.13 0.00	37.27 2.57 0.00	37.78 2.94 0.00	45.37 3.71 0.00	45.86 3.75 0.00	51.13 3.90 0.00	51.33 3.47 0.00	51.34 2.91 0.00	52.35 2.58 0.00	50.54 2.51 0.00	50.60 2.48 0.00	51.95 2.80 0.00	51.10 3.19 0.00	46.13 2.87 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	45.53 2.45 0.00	36.99 1.76 0.00	32.12 1.38 0.00	31.77 1.30 0.00	31.86 1.27 0.00	40.46 1.50 0.00	49.05 1.89 0.00	51.41 1.94 0.00	34.44 1.78 0.00	35.77 2.00 0.00	33.90 2.13 0.00	37.27 2.56 0.00	37.77 2.93 0.00	45.36 3.70 0.00	45.85 3.74 0.00	51.12 3.89 0.00	51.33 3.46 0.00	51.33 2.90 0.00	52.34 2.57 0.00	50.52 2.49 0.00	50.60 2.48 0.00	51.95 2.80 0.00	51.10 3.19 0.00	46.13 2.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	45.48 2.40 0.00	36.97 1.74 0.00	32.10 1.36 0.00	31.75 1.28 0.00	31.84 1.25 0.00	40.42 1.46 0.00	49.02 1.86 0.00	51.38 1.91 0.00	34.42 1.76 0.00	35.75 1.98 0.00	33.88 2.11 0.00	37.24 2.53 0.00	37.74 2.90 0.00	45.33 3.67 0.00	45.82 3.71 0.00	51.08 3.85 0.00	51.29 3.42 0.00	51.29 2.86 0.00	52.31 2.54 0.00	50.50 2.47 0.00	50.56 2.45 0.00	51.91 2.76 0.00	51.07 3.16 0.00	46.09 2.83 0.00
FARRAGUT___LBMP 323566	45.46 2.38 0.00	36.95 1.72 0.00	32.08 1.34 0.00	31.73 1.26 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.98 1.82 0.00	51.34 1.88 0.00	34.39 1.73 0.00	35.72 1.95 0.00	33.85 2.08 0.00	37.21 2.50 0.00	37.71 2.87 0.00	45.29 3.63 0.00	45.78 3.67 0.00	51.04 3.81 0.00	51.24 3.37 0.00	51.25 2.81 0.00	52.26 2.49 0.00	50.45 2.42 0.00	50.52 2.41 0.00	51.86 2.72 0.00	51.04 3.13 0.00	46.05 2.79 0.00
FARRCKWY_69_KV_BK2 55825	46.09 3.01 0.00	37.38 2.15 0.00	32.55 1.80 0.00	32.14 1.67 0.00	32.24 1.65 0.00	40.85 1.89 0.00	49.51 2.35 0.00	51.92 2.45 0.00	34.83 2.17 0.00	36.16 2.39 0.00	34.29 2.52 0.00	37.76 3.05 0.00	38.35 3.52 0.00	46.15 4.49 0.00	46.82 4.65 -0.06	52.17 4.93 0.00	52.84 4.67 -0.30	52.87 4.20 -0.24	53.42 3.65 0.00	51.55 3.52 0.00	51.54 3.42 0.00	52.75 3.60 0.00	51.72 3.81 0.00	46.66 3.40 0.00
FENNER___WINDPWR 24204	43.63 0.55 0.00	35.58 0.35 0.00	31.00 0.26 0.00	30.71 0.24 0.00	30.84 0.24 0.00	39.28 0.32 0.00	47.57 0.41 0.00	49.75 0.28 0.00	32.59 -0.07 0.00	33.57 -0.20 0.00	31.59 -0.19 0.00	34.49 -0.22 0.00	34.66 -0.17 0.00	41.45 -0.20 0.00	42.03 -0.08 0.00	47.44 0.21 0.00	48.31 0.44 0.00	49.23 0.80 0.00	50.50 0.73 0.00	48.61 0.58 0.00	48.65 0.54 0.00	49.56 0.45 0.03	48.24 0.34 0.01	43.54 0.28 0.00
FIBERTEK___ENERGY 23856	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.48 0.00	46.64 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.44 0.00	34.26 -0.45 0.00	34.41 -0.43 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.29 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00
FITZPATRICK____ 23598	41.59 -1.49 0.00	34.01 -1.22 0.00	29.66 -1.09 0.00	29.40 -1.08 0.00	29.50 -1.09 0.00	37.59 -1.37 0.00	45.53 -1.62 0.00	47.80 -1.66 0.00	31.51 -1.15 0.00	32.65 -1.12 0.00	30.73 -1.04 0.00	33.58 -1.12 0.00	33.67 -1.17 0.00	40.10 -1.55 0.00	40.57 -1.53 0.00	45.59 -1.64 0.00	46.27 -1.60 0.00	46.85 -1.58 0.00	48.08 -1.68 0.00	46.36 -1.67 0.00	46.45 -1.66 0.00	47.39 -1.77 0.00	46.22 -1.69 0.00	41.82 -1.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	45.34 2.26 0.00	36.85 1.62 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.79 1.20 0.00	40.43 1.47 0.00	49.04 1.88 0.00	51.42 1.96 0.00	34.27 1.61 0.00	35.54 1.77 0.00	33.60 1.82 0.00	36.86 2.15 0.00	37.31 2.47 0.00	44.85 3.20 0.00	45.31 3.20 0.00	50.68 3.46 0.00	51.21 3.35 0.00	51.52 3.08 0.00	52.64 2.87 0.00	50.85 2.82 0.00	50.93 2.82 0.00	52.11 2.96 0.00	51.02 3.11 0.00	45.96 2.70 0.00
FORT ORANGE____ 23900	43.64 0.56 0.00	35.64 0.41 0.00	31.17 0.43 0.00	30.86 0.39 0.00	31.00 0.41 0.00	39.52 0.56 0.00	47.70 0.54 0.00	50.10 0.62 0.00	33.04 0.38 0.00	34.03 0.25 0.00	31.83 0.05 0.00	34.73 0.03 0.00	34.90 0.07 0.00	41.91 0.25 0.00	42.45 0.34 0.00	47.59 0.36 0.00	48.30 0.43 0.00	48.73 0.30 0.00	50.28 0.51 0.00	48.82 0.79 0.00	48.99 0.88 0.00	50.20 1.05 0.00	48.89 0.98 0.00	44.06 0.79 0.00
FORT_DRUM_COGEN 23780	44.51 1.43 0.00	36.33 1.10 0.00	31.56 0.82 0.00	31.17 0.70 0.00	31.47 0.88 0.00	40.09 1.13 0.00	48.36 1.20 0.00	50.25 0.78 0.00	32.54 -0.11 0.00	33.20 -0.57 0.00	31.40 -0.37 0.00	34.14 -0.57 0.00	34.05 -0.79 0.00	40.42 -1.23 0.00	41.04 -1.06 0.00	46.25 -0.98 0.00	47.31 -0.56 0.00	48.71 0.28 0.00	50.93 1.16 0.00	49.44 1.41 0.00	49.19 1.08 0.00	49.75 0.60 0.00	48.36 0.45 0.00	43.29 0.03 0.00
FOX_HILLS___ESR 323835	45.42 2.34 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.34 1.38 0.00	48.81 1.65 0.00	51.12 1.66 0.00	34.41 1.75 0.00	35.64 1.87 0.00	33.75 1.97 0.00	37.08 2.38 0.00	37.58 2.74 0.00	45.12 3.47 0.00	45.68 3.57 0.00	50.82 3.59 0.00	51.08 3.22 0.00	51.00 2.56 0.00	52.05 2.28 0.00	50.25 2.22 0.00	50.34 2.23 0.00	51.65 2.50 0.00	50.89 2.98 0.00	46.05 2.78 0.00
FPL FAR_ROCK_GT1 24212	46.09 3.01 0.00	37.38 2.15 0.00	32.55 1.80 0.00	32.14 1.67 0.00	32.24 1.65 0.00	40.85 1.89 0.00	49.51 2.35 0.00	51.92 2.45 0.00	34.83 2.17 0.00	36.16 2.39 0.00	34.29 2.51 0.00	37.76 3.05 0.00	38.36 3.52 0.00	46.15 4.49 0.00	46.82 4.65 -0.06	52.15 4.92 0.00	52.84 4.67 -0.30	52.89 4.20 -0.24	53.42 3.65 0.00	51.55 3.52 0.00	51.54 3.43 0.00	52.75 3.60 0.00	51.72 3.81 0.00	46.66 3.40 0.00

FPL FAR_ROCK_GT2 23815	46.09 3.01 0.00	37.38 2.15 0.00	32.55 1.80 0.00	32.14 1.67 0.00	32.24 1.65 0.00	40.85 1.89 0.00	49.51 2.35 0.00	51.92 2.45 0.00	34.83 2.17 0.00	36.16 2.39 0.00	34.29 2.51 0.00	37.76 3.05 0.00	38.36 3.52 0.00	46.15 4.49 0.00	46.82 4.65 -0.06	52.15 4.92 0.00	52.84 4.67 -0.30	52.89 4.20 -0.24	53.42 3.65 0.00	51.55 3.52 0.00	51.54 3.43 0.00	52.75 3.60 0.00	51.72 3.81 0.00	46.66 3.40 0.00
FRANKLIN_FALL_HYD 24054	43.47 0.39 0.00	35.76 0.53 0.00	31.32 0.58 0.00	31.08 0.61 0.00	31.22 0.63 0.00	39.73 0.77 0.00	47.98 0.82 0.00	50.40 0.93 0.00	33.24 0.59 0.00	34.24 0.47 0.00	32.22 0.44 0.00	35.11 0.40 0.00	35.08 0.24 0.00	41.86 0.20 0.00	42.09 -0.01 0.00	47.11 -0.12 0.00	47.75 -0.12 0.00	48.71 0.28 0.00	50.50 0.73 0.00	48.50 0.47 0.00	48.39 0.28 0.00	49.24 0.09 0.00	47.64 -0.28 0.00	42.83 -0.43 0.00
FREEPORT_EQUS_GT1 23764	45.71 2.63 0.00	37.06 1.84 0.00	32.29 1.55 0.00	31.89 1.42 0.00	32.01 1.42 0.00	40.51 1.55 0.00	49.10 1.94 0.00	51.50 2.03 0.00	34.57 1.91 0.00	35.87 2.10 0.00	33.97 2.20 0.00	37.41 2.71 0.00	38.01 3.18 0.00	45.73 4.07 0.00	46.42 4.26 -0.06	51.70 4.48 0.00	52.35 4.18 -0.30	52.38 3.70 -0.24	52.92 3.15 0.00	51.10 3.07 0.00	51.06 2.95 0.00	52.26 3.10 0.00	51.27 3.36 0.00	46.26 3.00 0.00
FREEPORT___CT2 23818	45.71 2.63 0.00	37.06 1.84 0.00	32.29 1.55 0.00	31.89 1.42 0.00	32.01 1.42 0.00	40.51 1.55 0.00	49.10 1.94 0.00	51.50 2.03 0.00	34.57 1.91 0.00	35.87 2.10 0.00	33.97 2.20 0.00	37.41 2.71 0.00	38.01 3.18 0.00	45.73 4.07 0.00	46.42 4.26 -0.06	51.70 4.48 0.00	52.35 4.18 -0.30	52.38 3.70 -0.24	52.92 3.15 0.00	51.10 3.07 0.00	51.06 2.95 0.00	52.26 3.10 0.00	51.27 3.36 0.00	46.26 3.00 0.00
FRESHKLS_33_KV_LOAD 356253	45.43 2.35 0.00	37.06 1.83 0.00	32.14 1.40 0.00	31.75 1.28 0.00	31.83 1.24 0.00	40.36 1.40 0.00	48.65 1.50 0.00	50.94 1.47 0.01	34.41 1.75 0.00	35.59 1.82 0.00	33.69 1.92 0.00	37.02 2.31 0.00	37.53 2.69 0.00	45.07 3.42 0.00	45.66 3.55 0.00	50.72 3.50 0.00	50.99 3.13 0.00	50.83 2.40 0.00	51.88 2.12 0.01	50.14 2.12 0.00	50.21 2.10 0.00	51.43 2.36 0.08	50.82 2.91 0.00	46.10 2.84 0.00
FULTON COGEN____ 23766	41.94 -1.14 0.00	34.26 -0.96 0.00	29.86 -0.87 0.00	29.60 -0.86 0.00	29.71 -0.88 0.00	37.84 -1.12 0.00	45.86 -1.30 0.00	48.12 -1.35 0.00	31.66 -0.99 0.00	32.77 -1.00 0.00	30.85 -0.93 0.00	33.73 -0.97 0.00	33.83 -1.01 0.00	40.29 -1.37 0.00	40.80 -1.31 0.00	45.89 -1.34 0.00	46.61 -1.25 0.00	47.32 -1.11 0.00	48.60 -1.17 0.00	46.85 -1.18 0.00	46.94 -1.17 0.00	47.97 -1.28 -0.11	46.68 -1.27 -0.04	42.17 -1.09 0.00
FULTON___LFGE 323630	44.71 1.63 0.00	36.58 1.35 0.00	31.86 1.11 0.00	31.59 1.12 0.00	31.68 1.09 0.00	40.34 1.38 0.00	48.87 1.71 0.00	50.94 1.47 0.00	32.89 0.24 0.00	33.64 -0.13 0.00	31.63 -0.14 0.00	34.55 -0.15 0.00	34.69 -0.15 0.00	41.64 -0.02 0.00	42.21 0.10 0.00	47.38 0.14 0.00	48.19 0.32 0.00	49.51 1.08 0.00	51.88 2.11 0.00	50.22 2.20 0.00	50.32 2.21 0.00	51.33 2.18 0.00	50.00 2.08 0.00	45.07 1.81 0.00
G.F.CEMENT___DRP 24184	44.89 1.81 0.00	36.65 1.43 0.00	32.08 1.34 0.00	31.77 1.30 0.00	31.93 1.34 0.00	40.81 1.86 0.00	49.39 2.23 0.00	51.72 2.25 0.00	33.85 1.19 0.00	34.58 0.81 0.00	31.85 0.08 0.00	34.60 -0.11 0.00	34.54 -0.30 0.00	41.53 -0.13 0.00	42.22 0.11 0.00	47.67 0.44 0.00	48.75 0.88 0.00	50.08 1.65 0.00	51.80 2.03 0.00	50.74 2.71 0.00	51.01 2.90 0.00	52.07 2.92 0.00	50.54 2.62 0.00	45.34 2.07 0.00
GARDENVILLE___LBMP 24039	40.87 -2.21 0.00	32.91 -2.31 0.00	28.66 -2.09 0.00	28.40 -2.07 0.00	28.39 -2.21 0.00	36.30 -2.66 0.00	44.35 -2.80 0.00	47.07 -2.40 0.00	31.00 -1.65 0.00	33.00 -0.77 0.00	31.12 -0.65 0.00	34.12 -0.59 0.00	34.15 -0.69 0.00	40.28 -1.37 0.00	40.49 -1.62 0.00	45.53 -1.70 0.00	45.90 -1.96 0.00	46.70 -1.73 0.00	47.51 -2.26 0.00	45.04 -2.61 0.38	45.58 -2.52 0.01	46.17 -2.77 0.20	45.27 -2.60 0.05	41.39 -1.87 0.00
GARDNVLA_35_KV_LD 355827	40.99 -2.09 0.00	33.01 -2.21 0.00	28.73 -2.01 0.00	28.48 -1.99 0.00	28.47 -2.12 0.00	36.40 -2.56 0.00	44.47 -2.69 0.00	47.20 -2.27 0.00	31.11 -1.55 0.00	33.14 -0.63 0.00	31.25 -0.52 0.00	34.28 -0.43 0.00	34.32 -0.52 0.00	40.48 -1.17 0.00	40.72 -1.39 0.00	45.78 -1.45 0.00	46.15 -1.72 0.00	46.97 -1.46 0.00	47.77 -1.99 0.00	45.34 -2.37 0.32	45.85 -2.26 0.01	46.42 -2.54 0.19	45.45 -2.41 0.05	41.54 -1.73 0.00
GELCKHM___115KV_LOAD 80723	42.80 -0.28 0.00	34.92 -0.31 0.00	30.43 -0.31 0.00	30.18 -0.29 0.00	30.29 -0.31 0.00	38.59 -0.37 0.00	46.77 -0.39 0.00	49.03 -0.43 0.00	32.25 -0.41 0.00	33.36 -0.41 0.00	31.42 -0.35 0.00	34.37 -0.34 0.00	34.53 -0.31 0.00	41.21 -0.44 0.00	41.75 -0.35 0.00	47.05 -0.18 0.00	47.84 -0.03 0.00	48.47 0.03 0.00	49.74 -0.03 0.00	47.93 -0.10 0.00	47.99 -0.13 0.00	48.93 -0.24 -0.02	47.70 -0.22 -0.01	43.12 -0.14 0.00
GENERAL___MILLS 23808	40.94 -2.14 0.00	32.97 -2.26 0.00	28.70 -2.04 0.00	28.45 -2.02 0.00	28.43 -2.16 0.00	36.35 -2.60 0.00	44.42 -2.73 0.00	47.14 -2.32 0.00	31.07 -1.59 0.00	33.08 -0.69 0.00	31.19 -0.58 0.00	34.21 -0.50 0.00	34.24 -0.60 0.00	40.39 -1.27 0.00	40.61 -1.50 0.00	45.66 -1.57 0.00	46.03 -1.84 0.00	46.84 -1.59 0.00	47.64 -2.12 0.00	45.22 -2.48 0.33	45.73 -2.37 0.01	46.31 -2.65 0.20	45.36 -2.50 0.05	41.46 -1.80 0.00
GE_PLASTICS___DRP 24183	43.60 0.52 0.00	35.59 0.36 0.00	31.11 0.37 0.00	30.82 0.35 0.00	30.95 0.37 0.00	39.46 0.50 0.00	47.65 0.50 0.00	50.01 0.55 0.00	33.05 0.39 0.00	34.11 0.34 0.00	31.96 0.18 0.00	34.89 0.19 0.00	35.08 0.24 0.00	42.09 0.43 0.00	42.62 0.52 0.00	47.76 0.53 0.00	48.41 0.54 0.00	48.82 0.39 0.00	50.20 0.44 0.00	48.66 0.63 0.00	48.83 0.72 0.00	50.01 0.86 0.00	48.76 0.85 0.00	43.98 0.71 0.00
GILBOA___1 23756	43.83 0.75 0.00	35.75 0.52 0.00	31.19 0.45 0.00	30.99 0.52 0.00	31.10 0.52 0.00	39.63 0.67 0.00	47.96 0.81 0.00	50.12 0.65 0.00	33.18 0.52 0.00	34.42 0.65 0.00	32.39 0.61 0.00	35.30 0.60 0.00	35.52 0.68 0.00	42.65 0.99 0.00	43.16 1.05 0.00	48.34 1.10 0.00	48.91 1.05 0.00	49.25 0.81 0.00	50.49 0.72 0.00	48.86 0.83 0.00	49.05 0.94 0.00	50.17 1.02 0.00	48.96 1.05 0.00	44.23 0.97 0.00
GILBOA___2 23757	43.83 0.75 0.00	35.75 0.52 0.00	31.19 0.45 0.00	30.99 0.52 0.00	31.10 0.52 0.00	39.63 0.67 0.00	47.96 0.81 0.00	50.12 0.65 0.00	33.18 0.52 0.00	34.42 0.65 0.00	32.39 0.61 0.00	35.30 0.60 0.00	35.52 0.68 0.00	42.65 0.99 0.00	43.16 1.05 0.00	48.34 1.10 0.00	48.91 1.05 0.00	49.25 0.81 0.00	50.49 0.72 0.00	48.86 0.83 0.00	49.05 0.94 0.00	50.17 1.02 0.00	48.96 1.05 0.00	44.23 0.97 0.00

GILBOA___3 23758	43.83 0.75 0.00	35.75 0.52 0.00	31.19 0.45 0.00	30.99 0.52 0.00	31.10 0.52 0.00	39.63 0.67 0.00	47.96 0.81 0.00	50.12 0.65 0.00	33.18 0.52 0.00	34.42 0.65 0.00	32.39 0.61 0.00	35.30 0.60 0.00	35.52 0.68 0.00	42.65 0.99 0.00	43.16 1.05 0.00	48.34 1.10 0.00	48.91 1.05 0.00	49.25 0.81 0.00	50.49 0.72 0.00	48.86 0.83 0.00	49.05 0.94 0.00	50.17 1.02 0.00	48.96 1.05 0.00	44.23 0.97 0.00
GILBOA___4 23759	43.83 0.75 0.00	35.75 0.52 0.00	31.19 0.45 0.00	30.99 0.52 0.00	31.10 0.52 0.00	39.63 0.67 0.00	47.96 0.81 0.00	50.12 0.65 0.00	33.18 0.52 0.00	34.42 0.65 0.00	32.39 0.61 0.00	35.30 0.60 0.00	35.52 0.68 0.00	42.65 0.99 0.00	43.16 1.05 0.00	48.34 1.10 0.00	48.91 1.05 0.00	49.25 0.81 0.00	50.49 0.72 0.00	48.86 0.83 0.00	49.05 0.94 0.00	50.17 1.02 0.00	48.96 1.05 0.00	44.23 0.97 0.00
GILBOA___ 23599	43.84 0.76 0.00	35.75 0.52 0.00	31.19 0.45 0.00	30.99 0.52 0.00	31.11 0.52 0.00	39.63 0.67 0.00	47.96 0.81 0.00	50.12 0.65 0.00	33.17 0.52 0.00	34.42 0.65 0.00	32.39 0.61 0.00	35.31 0.60 0.00	35.52 0.68 0.00	42.65 0.99 0.00	43.16 1.05 0.00	48.34 1.11 0.00	48.92 1.05 0.00	49.24 0.81 0.00	50.49 0.72 0.00	48.86 0.83 0.00	49.05 0.94 0.00	50.17 1.02 0.00	48.96 1.05 0.00	44.23 0.97 0.00
GINNA___ 23603	39.95 -3.13 0.00	32.40 -2.83 0.00	28.24 -2.51 0.00	27.98 -2.49 0.00	28.02 -2.56 0.00	35.79 -3.17 0.00	43.53 -3.63 0.00	45.97 -3.50 0.00	30.26 -2.39 0.00	31.76 -2.01 0.00	29.90 -1.87 0.00	32.77 -1.94 0.00	32.88 -1.96 0.00	39.06 -2.60 0.00	39.46 -2.64 0.00	44.50 -2.73 0.00	45.17 -2.70 0.00	45.86 -2.58 0.00	46.93 -2.84 0.00	45.06 -2.97 0.00	45.17 -2.94 0.00	45.78 -3.22 0.15	44.69 -3.17 0.05	40.59 -2.68 0.00
GLEN PARK___ 23778	44.56 1.49 0.00	36.37 1.14 0.00	31.59 0.85 0.00	31.20 0.73 0.00	31.51 0.91 0.00	40.13 1.17 0.00	48.42 1.26 0.00	50.34 0.87 0.00	32.57 -0.09 0.00	33.20 -0.57 0.00	31.39 -0.39 0.00	34.11 -0.60 0.00	34.03 -0.81 0.00	40.40 -1.25 0.00	41.03 -1.07 0.00	46.26 -0.97 0.00	47.34 -0.53 0.00	48.85 0.41 0.00	51.11 1.34 0.00	49.63 1.61 0.00	49.40 1.29 0.00	49.94 0.79 0.00	48.52 0.61 0.00	43.43 0.17 0.00
GLENDALE_27_KV_LOAD 356172	45.67 2.59 0.00	37.11 1.89 0.00	32.21 1.47 0.00	31.87 1.40 0.00	31.96 1.36 0.00	40.54 1.59 0.00	49.17 2.01 0.00	51.52 2.05 0.00	34.59 1.93 0.00	35.90 2.13 0.00	34.02 2.25 0.00	37.40 2.69 0.00	37.90 3.07 0.00	45.50 3.85 0.00	46.03 3.92 0.00	51.28 4.05 0.00	51.49 3.63 0.00	51.47 3.04 0.00	52.49 2.72 0.00	50.66 2.63 0.00	50.74 2.63 0.00	52.08 2.93 0.00	51.24 3.33 0.00	46.31 3.04 0.00
GLENWOOD_IC_1_G5 23712	45.55 2.47 0.00	36.99 1.76 0.00	32.18 1.44 0.00	31.81 1.34 0.00	31.91 1.32 0.00	40.47 1.51 0.00	49.06 1.90 0.00	51.44 1.98 0.00	34.47 1.82 0.00	35.80 2.03 0.00	33.94 2.16 0.00	37.33 2.63 0.00	37.88 3.04 0.00	45.54 3.88 0.00	46.15 3.98 -0.06	51.43 4.19 0.00	52.06 3.89 -0.30	52.10 3.42 -0.24	52.72 2.95 0.00	50.89 2.87 0.00	50.93 2.82 0.00	52.15 3.00 0.00	51.12 3.21 0.00	46.13 2.86 0.00
GLENWOOD_IC_2_G1 23688	45.38 2.30 0.00	36.86 1.64 0.00	32.07 1.33 0.00	31.70 1.23 0.00	31.80 1.22 0.00	40.35 1.39 0.00	48.93 1.78 0.00	51.30 1.83 0.00	34.34 1.69 0.00	35.65 1.88 0.00	33.79 2.01 0.00	37.15 2.44 0.00	37.67 2.83 0.00	45.25 3.60 0.00	45.85 3.67 -0.06	51.08 3.85 0.00	51.72 3.55 -0.30	51.76 3.08 -0.24	52.46 2.69 0.00	50.64 2.61 0.00	50.69 2.58 0.00	51.93 2.79 0.00	50.93 3.02 0.00	45.96 2.70 0.00
GLENWOOD_IC_3_G1 23689	45.38 2.30 0.00	36.86 1.64 0.00	32.07 1.33 0.00	31.70 1.23 0.00	31.80 1.22 0.00	40.35 1.39 0.00	48.93 1.78 0.00	51.30 1.83 0.00	34.34 1.69 0.00	35.65 1.88 0.00	33.79 2.01 0.00	37.15 2.44 0.00	37.67 2.83 0.00	45.25 3.60 0.00	45.85 3.67 -0.06	51.08 3.85 0.00	51.72 3.55 -0.30	51.76 3.08 -0.24	52.46 2.69 0.00	50.64 2.61 0.00	50.69 2.58 0.00	51.93 2.79 0.00	50.93 3.02 0.00	45.96 2.70 0.00
GLENWOOD___4 23550	45.55 2.47 0.00	36.99 1.76 0.00	32.18 1.44 0.00	31.81 1.34 0.00	31.91 1.32 0.00	40.47 1.51 0.00	49.06 1.90 0.00	51.44 1.98 0.00	34.47 1.82 0.00	35.80 2.03 0.00	33.94 2.16 0.00	37.33 2.63 0.00	37.88 3.04 0.00	45.54 3.88 0.00	46.15 3.98 -0.06	51.43 4.19 0.00	52.06 3.89 -0.30	52.10 3.42 -0.24	52.72 2.95 0.00	50.89 2.87 0.00	50.93 2.82 0.00	52.15 3.00 0.00	51.12 3.21 0.00	46.13 2.86 0.00
GLENWOOD___5 23614	45.55 2.47 0.00	36.99 1.76 0.00	32.18 1.44 0.00	31.81 1.34 0.00	31.91 1.32 0.00	40.47 1.51 0.00	49.06 1.90 0.00	51.44 1.98 0.00	34.47 1.82 0.00	35.80 2.03 0.00	33.94 2.16 0.00	37.33 2.63 0.00	37.88 3.04 0.00	45.54 3.88 0.00	46.15 3.98 -0.06	51.43 4.19 0.00	52.06 3.89 -0.30	52.10 3.42 -0.24	52.72 2.95 0.00	50.89 2.87 0.00	50.93 2.82 0.00	52.15 3.00 0.00	51.12 3.21 0.00	46.13 2.86 0.00
GLOBAL GREEN_PORT_GT1 23814	46.44 3.36 0.00	37.64 2.42 0.00	33.24 2.49 0.00	32.84 2.37 0.00	33.08 2.50 0.00	41.42 2.46 0.00	49.83 2.67 0.00	52.20 2.74 0.00	35.19 2.53 0.00	36.62 2.85 0.00	34.52 2.75 0.00	38.03 3.33 0.00	38.66 3.82 0.00	46.74 5.09 0.00	47.67 5.50 -0.06	53.30 6.06 0.00	54.21 6.04 -0.30	54.31 5.63 -0.24	54.76 4.99 0.00	52.88 4.85 0.00	52.65 4.54 0.00	53.44 4.29 0.00	52.17 4.26 0.00	46.89 3.63 0.00
GLOBE___DSASP 323697	39.99 -3.09 0.00	32.19 -3.04 0.00	27.97 -2.77 0.00	27.67 -2.80 0.00	27.67 -2.92 0.00	35.49 -3.47 0.00	43.47 -3.69 0.00	46.27 -3.20 0.00	30.53 -2.12 0.00	32.60 -1.17 0.00	30.69 -1.09 0.00	33.61 -1.09 0.00	33.57 -1.27 0.00	39.21 -2.45 0.00	39.36 -2.75 0.00	44.03 -3.20 0.00	44.31 -3.56 0.00	45.13 -3.30 0.00	46.05 -3.72 0.00	43.78 -4.00 0.25	44.28 -3.83 0.01	44.91 -4.06 0.19	44.16 -3.70 0.05	40.50 -2.76 0.00
GOETHSLN___LBMP 323567	45.24 2.16 0.00	36.75 1.52 0.00	31.90 1.17 0.00	31.57 1.10 0.00	31.66 1.07 0.00	40.20 1.24 0.00	48.76 1.60 0.00	51.08 1.62 0.00	34.22 1.57 0.00	35.52 1.75 0.00	33.69 1.91 0.00	37.03 2.33 0.00	37.55 2.71 0.00	45.10 3.45 0.00	45.59 3.49 0.00	50.82 3.59 0.00	51.08 3.21 0.00	51.10 2.67 0.00	52.12 2.35 0.00	50.30 2.27 0.00	50.37 2.26 0.00	51.67 2.52 0.00	50.81 2.90 0.00	45.85 2.59 0.00
GOLAH___69_KV_TB 1_2 80279	41.88 -1.20 0.00	33.88 -1.35 0.00	29.52 -1.22 0.00	29.24 -1.23 0.00	29.27 -1.32 0.00	37.39 -1.57 0.00	45.55 -1.60 0.00	48.22 -1.25 0.00	31.66 -0.99 0.00	33.39 -0.38 0.00	31.33 -0.44 0.00	34.28 -0.43 0.00	34.39 -0.45 0.00	40.77 -0.89 0.00	41.08 -1.03 0.00	46.40 -0.84 0.00	47.26 -0.61 0.00	48.10 -0.34 0.00	49.20 -0.57 0.00	47.19 -0.84 0.00	47.35 -0.76 0.00	47.98 -1.02 0.15	46.83 -1.02 0.05	42.60 -0.67 0.00

GOODYEAR_LAKE_HYD 323669	44.29 1.21 0.00	36.09 0.86 0.00	31.45 0.71 0.00	31.18 0.71 0.00	31.29 0.70 0.00	39.87 0.90 0.00	48.26 1.11 0.00	50.48 1.01 0.00	33.33 0.67 0.00	34.47 0.70 0.00	32.50 0.72 0.00	35.52 0.82 0.00	35.79 0.96 0.00	42.92 1.27 0.00	43.43 1.32 0.00	48.79 1.57 0.00	49.55 1.68 0.00	50.16 1.73 0.00	51.43 1.67 0.00	49.62 1.59 0.00	49.63 1.52 0.00	50.63 1.48 0.00	49.38 1.47 0.00	44.57 1.31 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.84 -0.24 0.00	34.93 -0.30 0.00	30.42 -0.32 0.00	30.18 -0.29 0.00	30.26 -0.33 0.00	38.56 -0.40 0.00	46.75 -0.41 0.00	48.91 -0.56 0.00	32.18 -0.47 0.00	33.41 -0.36 0.00	31.53 -0.24 0.00	34.47 -0.23 0.00	34.70 -0.14 0.00	41.49 -0.16 0.00	41.82 -0.29 0.00	47.15 -0.08 0.00	47.85 -0.02 0.00	48.43 0.00 0.00	49.49 -0.28 0.00	47.66 -0.36 0.00	47.74 -0.37 0.00	48.59 -0.52 0.04	47.53 -0.37 0.01	43.05 -0.22 0.00
GOUDEY___7 23579	42.84 -0.24 0.00	34.93 -0.30 0.00	30.42 -0.32 0.00	30.18 -0.29 0.00	30.26 -0.33 0.00	38.56 -0.40 0.00	46.75 -0.41 0.00	48.91 -0.56 0.00	32.18 -0.47 0.00	33.41 -0.36 0.00	31.53 -0.24 0.00	34.47 -0.23 0.00	34.70 -0.14 0.00	41.49 -0.16 0.00	41.82 -0.29 0.00	47.15 -0.08 0.00	47.85 -0.02 0.00	48.43 0.00 0.00	49.49 -0.28 0.00	47.66 -0.36 0.00	47.74 -0.37 0.00	48.59 -0.52 0.04	47.53 -0.37 0.01	43.05 -0.22 0.00
GOUDEY___8 23580	42.84 -0.24 0.00	34.93 -0.30 0.00	30.42 -0.32 0.00	30.18 -0.29 0.00	30.26 -0.33 0.00	38.56 -0.40 0.00	46.75 -0.41 0.00	48.91 -0.56 0.00	32.18 -0.47 0.00	33.41 -0.36 0.00	31.53 -0.24 0.00	34.47 -0.23 0.00	34.70 -0.14 0.00	41.49 -0.16 0.00	41.82 -0.29 0.00	47.15 -0.08 0.00	47.85 -0.02 0.00	48.43 0.00 0.00	49.49 -0.28 0.00	47.66 -0.36 0.00	47.74 -0.37 0.00	48.59 -0.52 0.04	47.53 -0.37 0.01	43.05 -0.22 0.00
GOWANUS_GT1_1 24077	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_2 24078	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_3 24079	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_4 24080	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_5 24084	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_6 24111	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_7 24112	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT1_8 24113	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.91 1.75 0.00	51.26 1.80 0.00	34.45 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.75 3.65 0.00	50.93 3.70 0.00	51.21 3.34 0.00	51.15 2.72 0.00	52.20 2.43 0.00	50.38 2.35 0.00	50.48 2.37 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.08 2.82 0.00
GOWANUS_GT2_1 24114	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT2_2 24115	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT2_3 24116	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00

GOWANUS_GT2_4 24117	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT2_5 24118	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT2_6 24119	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT2_7 24120	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT2_8 24121	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT3_1 24122	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_2 24123	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_3 24124	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_4 24125	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_5 24126	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_6 24127	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_7 24128	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT3_8 24129	45.46 2.38 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.72 1.25 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.93 1.77 0.00	51.27 1.80 0.00	34.44 1.79 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.21 3.56 0.00	45.76 3.65 0.00	50.94 3.72 0.00	51.20 3.34 0.00	51.15 2.71 0.00	52.19 2.43 0.00	50.36 2.33 0.00	50.46 2.35 0.00	51.79 2.64 0.00	51.00 3.09 0.00	46.09 2.83 0.00
GOWANUS_GT4_1 24130	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT4_2 24131	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00

GOWANUS_GT4_3 24132	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT4_4 24133	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT4_5 24134	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT4_6 24135	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT4_7 24136	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GOWANUS_GT4_8 24137	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GREENBSH_115KV_TB3 55895	43.41 0.33 0.00	35.46 0.23 0.00	31.03 0.28 0.00	30.72 0.25 0.00	30.86 0.27 0.00	39.34 0.37 0.00	47.46 0.30 0.00	49.86 0.39 0.00	32.93 0.27 0.00	33.96 0.18 0.00	31.77 -0.01 0.00	34.66 -0.04 0.00	34.83 0.00 0.00	41.80 0.15 0.00	42.35 0.24 0.00	47.48 0.24 0.00	48.16 0.29 0.00	48.56 0.12 0.00	49.98 0.21 0.00	48.48 0.45 0.00	48.66 0.54 0.00	49.87 0.72 0.00	48.58 0.67 0.00	43.80 0.53 0.00
GREENDGE_115KV_TB5 80291	42.34 -0.74 0.00	34.38 -0.84 0.00	29.91 -0.83 0.00	29.68 -0.79 0.00	29.72 -0.87 0.00	37.89 -1.06 0.00	45.83 -1.33 0.00	48.06 -1.41 0.00	31.62 -1.03 0.00	32.84 -0.93 0.00	30.90 -0.87 0.00	33.81 -0.89 0.00	34.02 -0.81 0.00	40.56 -1.09 0.00	40.96 -1.15 0.00	46.36 -0.87 0.00	47.23 -0.63 0.00	47.99 -0.45 0.00	48.96 -0.81 0.00	47.51 -0.96 -0.44	47.00 -1.12 -0.01	47.82 -1.34 0.00	46.69 -1.19 0.03	42.51 -0.75 0.00
GREENIDGE___3 23582	42.34 -0.74 0.00	34.38 -0.84 0.00	29.91 -0.83 0.00	29.68 -0.79 0.00	29.72 -0.87 0.00	37.89 -1.06 0.00	45.83 -1.33 0.00	48.06 -1.41 0.00	31.62 -1.03 0.00	32.84 -0.93 0.00	30.90 -0.87 0.00	33.81 -0.89 0.00	34.02 -0.81 0.00	40.56 -1.09 0.00	40.96 -1.15 0.00	46.36 -0.87 0.00	47.23 -0.63 0.00	47.99 -0.45 0.00	48.96 -0.81 0.00	47.51 -0.96 -0.44	47.00 -1.12 -0.01	47.82 -1.34 0.00	46.69 -1.19 0.03	42.51 -0.75 0.00
GREENIDGE___4 23583	42.34 -0.74 0.00	34.38 -0.84 0.00	29.91 -0.83 0.00	29.68 -0.79 0.00	29.72 -0.87 0.00	37.89 -1.06 0.00	45.85 -1.31 0.00	48.06 -1.41 0.00	31.62 -1.03 0.00	32.84 -0.93 0.00	30.90 -0.87 0.00	33.81 -0.90 0.00	34.02 -0.81 0.00	40.56 -1.09 0.00	40.95 -1.15 0.00	46.36 -0.87 0.00	47.23 -0.64 0.00	48.00 -0.43 0.00	48.96 -0.81 0.00	47.52 -0.95 -0.44	47.02 -1.11 -0.01	47.82 -1.34 0.00	46.69 -1.19 0.03	42.51 -0.75 0.00
GREENLWN_69_KV_BK 3 55738	45.21 2.13 0.00	36.77 1.55 0.00	32.09 1.35 0.00	31.71 1.24 0.00	31.83 1.24 0.00	40.22 1.26 0.00	48.73 1.57 0.00	51.14 1.68 0.00	34.41 1.75 0.00	35.65 1.88 0.00	33.67 1.90 0.00	37.06 2.36 0.00	37.72 2.88 0.00	45.40 3.75 0.00	46.13 3.96 -0.06	51.38 4.15 0.00	51.95 3.78 -0.30	51.87 3.19 -0.24	52.27 2.50 0.00	50.49 2.46 0.00	50.46 2.35 0.00	51.66 2.51 0.00	50.69 2.78 0.00	45.76 2.49 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.40 1.44 0.00	48.93 1.77 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.67 0.00	50.96 3.73 0.00	51.24 3.37 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.50 2.39 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
GRISSOM___SOLAR 323813	44.66 1.58 0.00	36.52 1.30 0.00	31.83 1.08 0.00	31.55 1.08 0.00	31.64 1.05 0.00	40.31 1.35 0.00	48.83 1.67 0.00	50.89 1.42 0.00	32.81 0.15 0.00	33.47 -0.30 0.00	31.43 -0.35 0.00	34.33 -0.37 0.00	34.47 -0.37 0.00	41.43 -0.22 0.00	42.02 -0.09 0.00	47.29 0.06 0.00	48.00 0.13 0.00	49.28 0.85 0.00	51.76 1.99 0.00	50.15 2.12 0.00	50.26 2.15 0.00	51.30 2.15 0.00	49.97 2.05 0.00	45.03 1.77 0.00
GROVEVILLE___HYD 323602	45.34 2.26 0.00	36.85 1.62 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.79 1.20 0.00	40.43 1.47 0.00	49.04 1.88 0.00	51.42 1.96 0.00	34.27 1.61 0.00	35.54 1.77 0.00	33.60 1.82 0.00	36.86 2.15 0.00	37.31 2.47 0.00	44.85 3.20 0.00	45.31 3.20 0.00	50.68 3.46 0.00	51.21 3.35 0.00	51.52 3.08 0.00	52.64 2.87 0.00	50.85 2.82 0.00	50.93 2.82 0.00	52.11 2.96 0.00	51.02 3.11 0.00	45.96 2.70 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.48 0.00	46.64 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.44 0.00	34.26 -0.45 0.00	34.41 -0.43 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.29 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00

HAMLTNNY_34_KV_TB 80303	42.63 -0.45 0.00	34.74 -0.49 0.00	30.28 -0.47 0.00	30.02 -0.46 0.00	30.11 -0.48 0.00	38.37 -0.59 0.00	46.52 -0.64 0.00	48.83 -0.64 0.00	32.07 -0.59 0.00	33.18 -0.59 0.00	31.26 -0.51 0.00	34.19 -0.51 0.00	34.33 -0.50 0.00	40.94 -0.71 0.00	41.48 -0.63 0.00	46.72 -0.50 0.00	47.64 -0.23 0.00	48.24 -0.20 0.00	49.54 -0.22 0.00	47.73 -0.30 0.00	47.77 -0.34 0.00	48.70 -0.45 0.00	47.49 -0.42 0.00	42.96 -0.30 0.00
HAMPSHIRE___PAPER_HYD 323593	43.89 0.81 0.00	36.02 0.79 0.00	31.41 0.67 0.00	31.09 0.61 0.00	31.37 0.78 0.00	39.91 0.95 0.00	48.20 1.04 0.00	50.37 0.90 0.00	32.87 0.21 0.00	33.67 -0.09 0.00	31.79 0.02 0.00	34.62 -0.08 0.00	34.55 -0.29 0.00	41.09 -0.57 0.00	41.41 -0.69 0.00	46.44 -0.79 0.00	47.07 -0.79 0.00	48.16 -0.28 0.00	50.05 0.28 0.00	48.40 0.37 0.00	48.26 0.15 0.00	49.22 0.07 0.00	48.06 0.15 0.00	43.17 -0.09 0.00
HARDSCRABBLE_WT_PWR 323673	43.97 0.89 0.00	35.81 0.58 0.00	31.26 0.52 0.00	30.95 0.48 0.00	31.08 0.50 0.00	39.56 0.60 0.00	47.81 0.65 0.00	49.82 0.36 0.00	32.41 -0.25 0.00	33.09 -0.68 0.00	30.85 -0.93 0.00	33.76 -0.95 0.00	33.90 -0.93 0.00	40.92 -0.74 0.00	41.43 -0.67 0.00	46.69 -0.54 0.00	47.47 -0.40 0.00	48.28 -0.16 0.00	50.23 0.46 0.00	48.76 0.74 0.00	49.01 0.89 0.00	50.60 1.45 0.00	49.28 1.37 0.00	44.26 1.00 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.07 1.99 0.00	36.62 1.39 0.00	31.82 1.08 0.00	31.49 1.02 0.00	31.59 1.00 0.00	40.16 1.21 0.00	48.70 1.54 0.00	51.08 1.61 0.00	34.06 1.41 0.00	35.33 1.56 0.00	33.44 1.66 0.00	36.74 2.04 0.00	37.23 2.40 0.00	44.74 3.09 0.00	45.21 3.11 0.00	50.57 3.34 0.00	51.10 3.23 0.00	51.36 2.93 0.00	52.42 2.65 0.00	50.55 2.52 0.00	50.61 2.49 0.00	51.77 2.62 0.00	50.73 2.82 0.00	45.72 2.46 0.00
HARSNRAD_115KV_TB1 81005	40.39 -2.69 0.00	32.49 -2.74 0.00	28.34 -2.40 0.00	28.08 -2.39 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.86 -3.30 0.00	46.68 -2.79 0.00	30.77 -1.89 0.00	32.74 -1.03 0.00	30.81 -0.96 0.00	33.72 -0.98 0.00	33.71 -1.12 0.00	39.64 -2.01 0.00	39.89 -2.22 0.00	44.74 -2.49 0.00	45.18 -2.69 0.00	46.02 -2.41 0.00	46.94 -2.83 0.00	44.66 -3.11 0.25	45.09 -3.01 0.01	45.73 -3.23 0.19	44.79 -3.07 0.05	40.94 -2.32 0.00
HARZA MOOSE___RIVER 24016	44.18 1.10 0.00	36.07 0.84 0.00	31.40 0.66 0.00	31.05 0.58 0.00	31.29 0.70 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.27 0.80 0.00	32.78 0.12 0.00	33.59 -0.18 0.00	31.70 -0.08 0.00	34.56 -0.14 0.00	34.55 -0.29 0.00	41.21 -0.44 0.00	41.80 -0.31 0.00	47.07 -0.16 0.00	47.94 0.07 0.00	49.00 0.56 0.00	50.65 0.88 0.00	48.94 0.91 0.00	48.84 0.72 0.00	49.63 0.48 0.00	48.32 0.41 0.00	43.40 0.13 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	42.32 -0.76 0.00	34.53 -0.69 0.00	30.10 -0.64 0.00	29.84 -0.63 0.00	29.94 -0.65 0.00	38.15 -0.81 0.00	46.24 -0.91 0.00	48.51 -0.96 0.00	31.93 -0.72 0.00	33.10 -0.68 0.00	31.18 -0.59 0.00	34.11 -0.60 0.00	34.24 -0.60 0.00	40.86 -0.79 0.00	41.33 -0.78 0.00	46.53 -0.70 0.00	47.27 -0.60 0.00	47.89 -0.54 0.00	49.11 -0.66 0.00	47.32 -0.71 0.00	47.40 -0.72 0.00	48.25 -0.83 0.06	47.08 -0.81 0.02	42.61 -0.66 0.00
HELLGATE_13_KV_LD 55870	45.72 2.64 0.00	37.15 1.93 0.00	32.25 1.50 0.00	31.90 1.43 0.00	31.98 1.39 0.00	40.58 1.62 0.00	49.20 2.04 0.00	51.56 2.09 0.00	34.64 1.98 0.00	35.95 2.18 0.00	34.07 2.30 0.00	37.44 2.73 0.00	37.95 3.11 0.00	45.55 3.90 0.00	46.08 3.97 0.00	51.33 4.11 0.00	51.57 3.71 0.00	51.53 3.10 0.00	52.56 2.79 0.00	50.73 2.70 0.00	50.80 2.69 0.00	52.11 2.96 0.00	51.28 3.37 0.00	46.37 3.10 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	45.72 2.64 0.00	37.15 1.93 0.00	32.25 1.50 0.00	31.90 1.43 0.00	31.98 1.39 0.00	40.58 1.62 0.00	49.20 2.04 0.00	51.56 2.09 0.00	34.64 1.98 0.00	35.95 2.18 0.00	34.07 2.30 0.00	37.44 2.73 0.00	37.95 3.11 0.00	45.55 3.90 0.00	46.08 3.97 0.00	51.33 4.11 0.00	51.57 3.71 0.00	51.53 3.10 0.00	52.56 2.79 0.00	50.73 2.70 0.00	50.80 2.69 0.00	52.11 2.96 0.00	51.28 3.37 0.00	46.37 3.10 0.00
HEMPSTEAD____ 23647	45.41 2.33 0.00	36.84 1.62 0.00	32.09 1.35 0.00	31.70 1.24 0.00	31.82 1.23 0.00	40.29 1.33 0.00	48.84 1.68 0.00	51.23 1.76 0.00	34.36 1.70 0.00	35.65 1.88 0.00	33.76 1.98 0.00	37.17 2.47 0.00	37.75 2.92 0.00	45.40 3.75 0.00	46.05 3.88 -0.06	51.30 4.07 0.00	51.92 3.75 -0.30	51.94 3.26 -0.24	52.49 2.72 0.00	50.70 2.66 0.00	50.68 2.57 0.00	51.88 2.73 0.00	50.90 2.99 0.00	45.93 2.67 0.00
HICKLING___1 23621	42.29 -0.79 0.00	34.32 -0.91 0.00	29.83 -0.91 0.00	29.64 -0.83 0.00	29.66 -0.94 0.00	37.81 -1.14 0.00	45.92 -1.23 0.00	48.07 -1.40 0.00	31.49 -1.17 0.00	32.83 -0.95 0.00	31.03 -0.74 0.00	33.96 -0.75 0.00	34.22 -0.62 0.00	40.89 -0.77 0.00	41.05 -1.05 0.00	46.56 -0.67 0.00	47.34 -0.53 0.00	47.99 -0.44 0.00	48.73 -1.04 0.00	46.94 -1.26 -0.17	46.74 -1.38 -0.01	47.51 -1.61 0.04	46.50 -1.39 0.02	42.27 -1.00 0.00
HICKLING___2 23622	42.29 -0.79 0.00	34.32 -0.91 0.00	29.83 -0.91 0.00	29.64 -0.83 0.00	29.66 -0.94 0.00	37.81 -1.14 0.00	45.92 -1.23 0.00	48.07 -1.40 0.00	31.49 -1.17 0.00	32.83 -0.95 0.00	31.03 -0.74 0.00	33.96 -0.75 0.00	34.22 -0.62 0.00	40.89 -0.77 0.00	41.05 -1.05 0.00	46.56 -0.67 0.00	47.34 -0.53 0.00	47.99 -0.44 0.00	48.73 -1.04 0.00	46.94 -1.26 -0.17	46.74 -1.38 -0.01	47.51 -1.61 0.04	46.50 -1.39 0.02	42.27 -1.00 0.00
HIGH FALLS___HY 23754	45.11 2.03 0.00	36.66 1.44 0.00	31.84 1.10 0.00	31.51 1.04 0.00	31.61 1.02 0.00	40.19 1.23 0.00	48.77 1.61 0.00	51.14 1.67 0.00	34.07 1.42 0.00	35.31 1.54 0.00	33.35 1.57 0.00	36.54 1.83 0.00	37.03 2.20 0.00	44.64 2.99 0.00	45.00 2.89 0.00	50.27 3.04 0.00	50.93 3.06 0.00	51.35 2.92 0.00	52.57 2.80 0.00	50.72 2.69 0.00	50.78 2.67 0.00	51.91 2.76 0.00	50.83 2.92 0.00	45.80 2.54 0.00
HIGH_RIVER___SOLAR 323847	44.26 1.18 0.00	36.16 0.94 0.00	31.56 0.82 0.00	31.27 0.80 0.00	31.39 0.80 0.00	40.01 1.05 0.00	48.43 1.28 0.00	50.62 1.15 0.00	33.06 0.41 0.00	33.75 -0.02 0.00	31.55 -0.22 0.00	34.43 -0.27 0.00	34.58 -0.26 0.00	41.53 -0.13 0.00	42.04 -0.06 0.00	47.31 0.08 0.00	48.28 0.41 0.00	49.26 0.83 0.00	51.08 1.31 0.00	49.58 1.55 0.00	49.69 1.58 0.00	50.79 1.64 0.00	49.47 1.56 0.00	44.62 1.36 0.00
HILLBURN___GT 23639	44.96 1.88 0.00	36.53 1.31 0.00	31.74 1.00 0.00	31.41 0.94 0.00	31.51 0.92 0.00	40.07 1.11 0.00	48.59 1.43 0.00	50.97 1.50 0.00	34.03 1.38 0.00	35.32 1.55 0.00	33.47 1.69 0.00	36.79 2.08 0.00	37.29 2.46 0.00	44.80 3.15 0.00	45.26 3.16 0.00	50.57 3.34 0.00	50.99 3.12 0.00	51.17 2.74 0.00	52.22 2.45 0.00	50.35 2.32 0.00	50.40 2.29 0.00	51.59 2.44 0.00	50.60 2.69 0.00	45.63 2.37 0.00

HILLSIDE_115KV_TB1 80332	41.93 -1.15 0.00	34.13 -1.09 0.00	29.67 -1.07 0.00	29.48 -0.99 0.00	29.51 -1.08 0.00	37.63 -1.33 0.00	45.66 -1.49 0.00	47.71 -1.76 0.00	31.31 -1.34 0.00	32.62 -1.15 0.00	30.86 -0.91 0.00	33.75 -0.95 0.00	34.02 -0.81 0.00	40.66 -1.00 0.00	40.77 -1.34 0.00	46.16 -1.08 0.00	46.84 -1.03 0.00	47.42 -1.01 0.00	48.23 -1.54 0.00	46.51 -1.65 -0.14	46.41 -1.71 0.00	47.14 -1.98 0.04	46.19 -1.70 0.02	41.95 -1.32 0.00
HISHELDN_WT_PWR 323625	40.86 -2.22 0.00	32.86 -2.36 0.00	28.56 -2.18 0.00	28.30 -2.17 0.00	28.27 -2.32 0.00	36.15 -2.81 0.00	44.11 -3.05 0.00	46.74 -2.72 0.00	30.66 -2.00 0.00	32.53 -1.24 0.00	30.70 -1.08 0.00	33.60 -1.11 0.00	33.67 -1.17 0.00	39.77 -1.89 0.00	40.01 -2.09 0.00	45.19 -2.04 0.00	45.79 -2.08 0.00	46.48 -1.95 0.00	47.09 -2.68 0.00	44.12 -3.08 0.83	44.99 -3.10 0.02	45.62 -3.26 0.27	44.80 -3.06 0.04	40.96 -2.30 0.00
HOLTSVILLE_IC_1 23690	45.33 2.25 0.00	36.80 1.58 0.00	32.25 1.51 0.00	31.87 1.40 0.00	32.05 1.46 0.00	40.34 1.38 0.00	48.76 1.60 0.00	51.08 1.61 0.00	34.37 1.72 0.00	35.63 1.86 0.00	33.63 1.85 0.00	37.01 2.30 0.00	37.66 2.83 0.00	45.43 3.77 0.00	46.21 4.04 -0.06	51.52 4.29 0.00	52.22 4.05 -0.30	52.21 3.53 -0.24	52.67 2.90 0.00	50.93 2.90 0.00	50.88 2.77 0.00	51.92 2.77 0.00	50.87 2.96 0.00	45.88 2.62 0.00
HOLTSVILLE_IC_10 23699	45.49 2.41 0.00	36.92 1.69 0.00	32.37 1.62 0.00	31.98 1.51 0.00	32.15 1.56 0.00	40.46 1.51 0.00	48.90 1.74 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.76 1.99 0.00	33.75 1.97 0.00	37.13 2.43 0.00	37.81 2.98 0.00	45.64 3.99 0.00	46.45 4.28 -0.06	51.83 4.60 0.00	52.55 4.38 -0.30	52.56 3.88 -0.24	53.02 3.25 0.00	51.26 3.23 0.00	51.19 3.08 0.00	52.20 3.05 0.00	51.10 3.19 0.00	46.08 2.82 0.00
HOLTSVILLE_IC_2 23691	45.33 2.25 0.00	36.80 1.58 0.00	32.25 1.51 0.00	31.87 1.40 0.00	32.05 1.46 0.00	40.34 1.38 0.00	48.76 1.60 0.00	51.08 1.61 0.00	34.37 1.72 0.00	35.63 1.86 0.00	33.63 1.85 0.00	37.01 2.30 0.00	37.66 2.83 0.00	45.43 3.77 0.00	46.21 4.04 -0.06	51.52 4.29 0.00	52.22 4.05 -0.30	52.21 3.53 -0.24	52.67 2.90 0.00	50.93 2.90 0.00	50.88 2.77 0.00	51.92 2.77 0.00	50.87 2.96 0.00	45.88 2.62 0.00
HOLTSVILLE_IC_3 23692	45.33 2.25 0.00	36.80 1.58 0.00	32.25 1.51 0.00	31.87 1.40 0.00	32.05 1.46 0.00	40.34 1.38 0.00	48.76 1.60 0.00	51.08 1.61 0.00	34.37 1.72 0.00	35.63 1.86 0.00	33.63 1.85 0.00	37.01 2.30 0.00	37.66 2.83 0.00	45.43 3.77 0.00	46.21 4.04 -0.06	51.52 4.29 0.00	52.22 4.05 -0.30	52.21 3.53 -0.24	52.67 2.90 0.00	50.93 2.90 0.00	50.88 2.77 0.00	51.92 2.77 0.00	50.87 2.96 0.00	45.88 2.62 0.00
HOLTSVILLE_IC_4 23693	45.33 2.25 0.00	36.80 1.58 0.00	32.25 1.51 0.00	31.87 1.40 0.00	32.05 1.46 0.00	40.34 1.38 0.00	48.76 1.60 0.00	51.08 1.61 0.00	34.37 1.72 0.00	35.63 1.86 0.00	33.63 1.85 0.00	37.01 2.30 0.00	37.66 2.83 0.00	45.43 3.77 0.00	46.21 4.04 -0.06	51.52 4.29 0.00	52.22 4.05 -0.30	52.21 3.53 -0.24	52.67 2.90 0.00	50.93 2.90 0.00	50.88 2.77 0.00	51.92 2.77 0.00	50.87 2.96 0.00	45.88 2.62 0.00
HOLTSVILLE_IC_5 23694	45.33 2.25 0.00	36.80 1.58 0.00	32.25 1.51 0.00	31.87 1.40 0.00	32.05 1.46 0.00	40.34 1.38 0.00	48.76 1.60 0.00	51.08 1.61 0.00	34.37 1.72 0.00	35.63 1.86 0.00	33.63 1.85 0.00	37.01 2.30 0.00	37.66 2.83 0.00	45.43 3.77 0.00	46.21 4.04 -0.06	51.52 4.29 0.00	52.22 4.05 -0.30	52.21 3.53 -0.24	52.67 2.90 0.00	50.93 2.90 0.00	50.88 2.77 0.00	51.92 2.77 0.00	50.87 2.96 0.00	45.88 2.62 0.00
HOLTSVILLE_IC_6 23695	45.49 2.41 0.00	36.92 1.69 0.00	32.37 1.62 0.00	31.98 1.51 0.00	32.15 1.56 0.00	40.46 1.51 0.00	48.90 1.74 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.76 1.99 0.00	33.75 1.97 0.00	37.13 2.43 0.00	37.81 2.98 0.00	45.64 3.99 0.00	46.45 4.28 -0.06	51.83 4.60 0.00	52.55 4.38 -0.30	52.56 3.88 -0.24	53.02 3.25 0.00	51.26 3.23 0.00	51.19 3.08 0.00	52.20 3.05 0.00	51.10 3.19 0.00	46.08 2.82 0.00
HOLTSVILLE_IC_7 23696	45.49 2.41 0.00	36.92 1.69 0.00	32.37 1.62 0.00	31.98 1.51 0.00	32.15 1.56 0.00	40.46 1.51 0.00	48.90 1.74 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.76 1.99 0.00	33.75 1.97 0.00	37.13 2.43 0.00	37.81 2.98 0.00	45.64 3.99 0.00	46.45 4.28 -0.06	51.83 4.60 0.00	52.55 4.38 -0.30	52.56 3.88 -0.24	53.02 3.25 0.00	51.26 3.23 0.00	51.19 3.08 0.00	52.20 3.05 0.00	51.10 3.19 0.00	46.08 2.82 0.00
HOLTSVILLE_IC_8 23697	45.49 2.41 0.00	36.92 1.69 0.00	32.37 1.62 0.00	31.98 1.51 0.00	32.15 1.56 0.00	40.46 1.51 0.00	48.90 1.74 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.76 1.99 0.00	33.75 1.97 0.00	37.13 2.43 0.00	37.81 2.98 0.00	45.64 3.99 0.00	46.45 4.28 -0.06	51.83 4.60 0.00	52.55 4.38 -0.30	52.56 3.88 -0.24	53.02 3.25 0.00	51.26 3.23 0.00	51.19 3.08 0.00	52.20 3.05 0.00	51.10 3.19 0.00	46.08 2.82 0.00
HOLTSVILLE_IC_9 23698	45.49 2.41 0.00	36.92 1.69 0.00	32.37 1.62 0.00	31.98 1.51 0.00	32.15 1.56 0.00	40.46 1.51 0.00	48.90 1.74 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.76 1.99 0.00	33.75 1.97 0.00	37.13 2.43 0.00	37.81 2.98 0.00	45.64 3.99 0.00	46.45 4.28 -0.06	51.83 4.60 0.00	52.55 4.38 -0.30	52.56 3.88 -0.24	53.02 3.25 0.00	51.26 3.23 0.00	51.19 3.08 0.00	52.20 3.05 0.00	51.10 3.19 0.00	46.08 2.82 0.00
HOMER_HL_115KV_TB2 355744	41.99 -1.09 0.00	34.20 -1.03 0.00	29.74 -1.00 0.00	29.53 -0.93 0.00	29.59 -1.00 0.00	37.77 -1.19 0.00	45.93 -1.23 0.00	48.24 -1.23 0.00	31.66 -1.00 0.00	33.42 -0.35 0.00	31.67 -0.10 0.00	34.39 -0.31 0.00	34.58 -0.26 0.00	41.36 -0.29 0.00	41.10 -1.01 0.00	46.35 -0.89 0.00	46.71 -1.16 0.00	47.37 -1.06 0.00	48.07 -1.69 0.00	46.22 -1.81 0.00	46.26 -1.85 0.00	46.80 -2.24 0.11	46.56 -1.31 0.04	42.66 -0.61 0.00
HOWARD_WT_PWR 323690	41.59 -1.49 0.00	33.36 -1.87 0.00	28.88 -1.86 0.00	28.59 -1.88 0.00	28.57 -2.02 0.00	36.23 -2.73 0.00	44.00 -3.16 0.00	46.42 -3.05 0.00	30.29 -2.37 0.00	31.91 -1.86 0.00	30.07 -1.70 0.00	32.77 -1.94 0.00	33.05 -1.78 0.00	39.30 -2.36 0.00	39.59 -2.51 0.00	45.29 -1.94 0.00	46.45 -1.42 0.00	47.03 -1.40 0.00	47.56 -2.21 0.00	46.10 -2.87 -0.94	44.87 -3.26 -0.03	45.77 -3.46 -0.07	44.43 -3.44 0.03	40.95 -2.32 0.00
HQ_GEN_CEDARS 23644	43.34 0.26 0.00	35.74 0.51 0.00	31.29 0.55 0.00	31.02 0.55 0.00	31.18 0.59 0.00	39.66 0.70 0.00	47.90 0.74 0.00	50.32 0.85 0.00	33.17 0.51 0.00	34.18 0.40 0.00	32.21 0.43 0.00	35.11 0.41 0.00	35.12 0.28 0.00	41.85 0.20 0.00	42.04 -0.06 0.00	47.02 -0.21 0.00	47.53 -0.34 0.00	48.38 -0.06 0.00	50.07 0.30 0.00	48.16 0.13 0.00	48.14 0.03 0.00	49.16 0.01 0.00	47.86 -0.05 0.00	43.17 -0.09 0.00

HQ_GEN_CEDARS_PROXY 323590	43.34 0.27 0.00	35.74 0.52 0.00	31.29 0.55 0.00	31.02 0.55 0.00	31.18 0.59 0.00	39.66 0.70 0.00	47.90 0.74 0.00	50.32 0.85 0.00	33.17 0.51 0.00	34.18 0.40 0.00	32.21 0.43 0.00	35.12 0.41 0.00	35.11 0.28 0.00	41.85 0.20 0.00	42.04 -0.06 0.00	47.02 -0.21 0.00	47.53 -0.34 0.00	48.38 -0.05 0.00	50.07 0.30 0.00	48.17 0.14 0.00	48.14 0.03 0.00	49.16 0.01 0.00	47.86 -0.05 0.00	43.17 -0.09 0.00
HQ_GEN_CHPE_PROXY 323851	45.41 2.33 0.00	36.91 1.68 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.95 1.79 0.00	51.30 1.83 0.00	34.36 1.71 0.00	35.69 1.91 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.81 3.58 -0.57	44.02 3.62 1.71	50.98 3.75 0.00	51.83 3.29 -0.67	51.12 2.68 0.00	52.14 2.37 0.00	50.31 2.29 0.00	50.40 2.29 0.00	51.79 2.64 0.00	51.05 3.08 -0.07	46.01 2.75 0.00
HQ_GEN_IMPORT 323601	43.24 0.16 0.00	35.48 0.25 0.00	31.00 0.26 0.00	30.73 0.26 0.00	30.86 0.27 0.00	39.29 0.33 0.00	47.52 0.36 0.00	49.90 0.43 0.00	32.95 0.29 0.00	34.02 0.25 0.00	32.03 0.25 0.00	34.95 0.24 0.00	35.02 0.18 0.00	42.40 0.17 -0.57	42.19 0.08 0.00	47.28 0.05 0.00	48.56 0.02 -0.67	48.56 0.13 0.00	50.02 0.25 0.00	48.16 0.13 0.00	48.19 0.08 0.00	49.20 0.05 0.00	47.90 -0.01 0.00	43.25 -0.02 0.00
HQ_GEN_WHEEL 23651	43.24 0.16 0.00	35.48 0.25 0.00	31.00 0.26 0.00	30.73 0.26 0.00	30.86 0.27 0.00	39.29 0.33 0.00	47.52 0.36 0.00	49.90 0.43 0.00	32.95 0.29 0.00	34.02 0.25 0.00	32.03 0.25 0.00	34.95 0.24 0.00	35.02 0.18 0.00	42.40 0.17 -0.57	42.19 0.08 0.00	47.28 0.05 0.00	48.56 0.02 -0.67	48.56 0.13 0.00	50.02 0.25 0.00	48.16 0.13 0.00	48.19 0.08 0.00	49.20 0.05 0.00	47.90 -0.01 0.00	43.25 -0.02 0.00
HUDSON AVE_GT_3 23810	45.56 2.48 0.00	37.02 1.79 0.00	32.13 1.39 0.00	31.79 1.32 0.00	31.87 1.29 0.00	40.47 1.51 0.00	49.07 1.91 0.00	51.44 1.98 0.00	34.46 1.81 0.00	35.79 2.02 0.00	33.92 2.14 0.00	37.30 2.59 0.00	37.81 2.97 0.00	45.40 3.75 0.00	45.89 3.79 0.00	51.17 3.94 0.00	51.37 3.51 0.00	51.37 2.94 0.00	52.39 2.62 0.00	50.56 2.53 0.00	50.62 2.50 0.00	51.97 2.83 0.00	51.14 3.23 0.00	46.17 2.91 0.00
HUDSON AVE_GT_4 23540	45.56 2.48 0.00	37.02 1.79 0.00	32.13 1.39 0.00	31.79 1.32 0.00	31.87 1.29 0.00	40.47 1.51 0.00	49.07 1.91 0.00	51.44 1.98 0.00	34.46 1.81 0.00	35.79 2.02 0.00	33.92 2.14 0.00	37.30 2.59 0.00	37.81 2.97 0.00	45.40 3.75 0.00	45.89 3.79 0.00	51.17 3.94 0.00	51.37 3.51 0.00	51.37 2.94 0.00	52.39 2.62 0.00	50.56 2.53 0.00	50.62 2.50 0.00	51.97 2.83 0.00	51.14 3.23 0.00	46.17 2.91 0.00
HUDSON AVE_GT_5 23657	45.56 2.48 0.00	37.02 1.79 0.00	32.13 1.39 0.00	31.79 1.32 0.00	31.87 1.29 0.00	40.47 1.51 0.00	49.07 1.91 0.00	51.44 1.98 0.00	34.46 1.81 0.00	35.79 2.02 0.00	33.92 2.14 0.00	37.30 2.59 0.00	37.81 2.97 0.00	45.40 3.75 0.00	45.89 3.79 0.00	51.17 3.94 0.00	51.37 3.51 0.00	51.37 2.94 0.00	52.39 2.62 0.00	50.56 2.53 0.00	50.62 2.50 0.00	51.97 2.83 0.00	51.14 3.23 0.00	46.17 2.91 0.00
HUDSON_AVE_10 24168	45.34 2.26 0.00	36.84 1.62 0.00	31.99 1.25 0.00	31.65 1.18 0.00	31.74 1.15 0.00	40.28 1.32 0.00	48.84 1.68 0.00	51.20 1.73 0.00	34.31 1.65 0.00	35.63 1.85 0.00	33.74 1.96 0.00	37.08 2.38 0.00	37.58 2.74 0.00	45.11 3.47 0.01	45.62 3.52 0.01	50.86 3.63 0.01	51.07 3.20 0.00	51.09 2.66 0.00	52.12 2.35 0.00	50.30 2.27 0.00	50.37 2.26 0.00	51.73 2.57 0.00	50.91 3.00 0.00	45.95 2.69 0.00
HUDSON___115KV_TB 4 355613	44.20 1.13 0.00	36.07 0.84 0.00	31.52 0.78 0.00	31.22 0.75 0.00	31.36 0.76 0.00	39.98 1.02 0.00	48.31 1.15 0.00	50.71 1.24 0.00	33.35 0.69 0.00	34.24 0.46 0.00	32.01 0.23 0.00	34.92 0.21 0.00	35.11 0.27 0.00	42.16 0.51 0.00	42.72 0.61 0.00	47.92 0.69 0.00	48.68 0.82 0.00	49.20 0.76 0.00	51.06 1.29 0.00	49.69 1.66 0.00	49.85 1.74 0.00	51.00 1.85 0.00	49.65 1.74 0.00	44.69 1.43 0.00
HUNTER MOUNT___DRP 323613	44.34 1.26 0.00	36.18 0.95 0.00	31.61 0.86 0.00	31.31 0.83 0.00	31.44 0.85 0.00	40.10 1.14 0.00	48.46 1.31 0.00	50.92 1.45 0.00	33.48 0.82 0.00	34.33 0.56 0.00	32.06 0.28 0.00	34.97 0.27 0.00	35.16 0.32 0.00	42.24 0.58 0.00	42.80 0.69 0.00	48.04 0.82 0.00	48.86 0.99 0.00	49.44 1.01 0.00	51.30 1.53 0.00	49.93 1.90 0.00	50.09 1.98 0.00	51.23 2.08 0.00	49.85 1.93 0.00	44.84 1.58 0.00
HUNTINGTON_RES_REC 323705	45.31 2.23 0.00	36.81 1.59 0.00	32.18 1.44 0.00	31.80 1.33 0.00	31.94 1.35 0.00	40.29 1.33 0.00	48.77 1.62 0.00	51.17 1.70 0.00	34.43 1.77 0.00	35.69 1.92 0.00	33.69 1.91 0.00	37.09 2.38 0.00	37.77 2.93 0.00	45.57 3.91 0.00	46.34 4.17 -0.06	51.64 4.41 0.00	52.30 4.13 -0.30	52.26 3.58 -0.24	52.66 2.90 0.00	50.87 2.84 0.00	50.81 2.69 0.00	51.92 2.77 0.00	50.88 2.97 0.00	45.90 2.63 0.00
HUNTLEY___63 23557	40.73 -2.35 0.00	32.76 -2.46 0.00	28.52 -2.22 0.00	28.24 -2.23 0.00	28.22 -2.37 0.00	36.14 -2.82 0.00	44.20 -2.96 0.00	47.01 -2.46 0.00	31.00 -1.66 0.00	33.03 -0.74 0.00	31.11 -0.66 0.00	34.09 -0.62 0.00	34.10 -0.73 0.00	40.05 -1.60 0.00	40.30 -1.81 0.00	45.21 -2.02 0.00	45.58 -2.29 0.00	46.41 -2.03 0.00	47.32 -2.45 0.00	44.98 -2.78 0.27	45.44 -2.67 0.01	46.07 -2.89 0.19	45.18 -2.68 0.05	41.32 -1.94 0.00
HUNTLEY___64 23558	40.73 -2.35 0.00	32.76 -2.46 0.00	28.52 -2.22 0.00	28.24 -2.23 0.00	28.22 -2.37 0.00	36.14 -2.82 0.00	44.20 -2.96 0.00	47.01 -2.46 0.00	31.00 -1.66 0.00	33.03 -0.74 0.00	31.11 -0.66 0.00	34.09 -0.62 0.00	34.10 -0.73 0.00	40.05 -1.60 0.00	40.30 -1.81 0.00	45.21 -2.02 0.00	45.58 -2.29 0.00	46.41 -2.03 0.00	47.32 -2.45 0.00	44.98 -2.78 0.27	45.44 -2.67 0.01	46.07 -2.89 0.19	45.18 -2.68 0.05	41.32 -1.94 0.00
HUNTLEY___65 23559	40.73 -2.35 0.00	32.76 -2.46 0.00	28.52 -2.22 0.00	28.24 -2.23 0.00	28.22 -2.37 0.00	36.14 -2.82 0.00	44.20 -2.96 0.00	47.01 -2.46 0.00	31.00 -1.66 0.00	33.03 -0.74 0.00	31.11 -0.66 0.00	34.09 -0.62 0.00	34.10 -0.73 0.00	40.05 -1.60 0.00	40.30 -1.81 0.00	45.21 -2.02 0.00	45.58 -2.29 0.00	46.41 -2.03 0.00	47.32 -2.45 0.00	44.98 -2.78 0.27	45.44 -2.67 0.01	46.07 -2.89 0.19	45.18 -2.68 0.05	41.32 -1.94 0.00
HUNTLEY___66 23560	40.73 -2.35 0.00	32.76 -2.46 0.00	28.52 -2.22 0.00	28.24 -2.23 0.00	28.22 -2.37 0.00	36.14 -2.82 0.00	44.20 -2.96 0.00	47.01 -2.46 0.00	31.00 -1.66 0.00	33.03 -0.74 0.00	31.11 -0.66 0.00	34.09 -0.62 0.00	34.10 -0.73 0.00	40.05 -1.60 0.00	40.30 -1.81 0.00	45.21 -2.02 0.00	45.58 -2.29 0.00	46.41 -2.03 0.00	47.32 -2.45 0.00	44.98 -2.78 0.27	45.44 -2.67 0.01	46.07 -2.89 0.19	45.18 -2.68 0.05	41.32 -1.94 0.00

HUNTLEY___67 23561	40.53 -2.55 0.00	32.65 -2.58 0.00	28.44 -2.30 0.00	28.18 -2.29 0.00	28.18 -2.41 0.00	36.03 -2.93 0.00	44.02 -3.13 0.00	46.78 -2.69 0.00	30.85 -1.81 0.00	32.88 -0.89 0.00	30.97 -0.80 0.00	33.93 -0.77 0.00	33.94 -0.90 0.00	39.96 0.00 0.00	40.14 -1.96 0.00	45.05 -2.18 0.00	45.39 -2.48 0.00	46.20 -2.24 0.00	47.07 -2.70 0.00	44.68 -3.03 0.31	45.21 -2.89 0.01	45.79 -3.17 0.20	44.89 -2.97 0.05	41.07 -2.20 0.00
HUNTLEY___68 23562	40.53 -2.55 0.00	32.65 -2.58 0.00	28.44 -2.30 0.00	28.18 -2.29 0.00	28.18 -2.41 0.00	36.03 -2.93 0.00	44.02 -3.13 0.00	46.78 -2.69 0.00	30.85 -1.81 0.00	32.88 -0.89 0.00	30.97 -0.80 0.00	33.93 -0.77 0.00	33.94 -0.90 0.00	39.96 0.00 0.00	40.14 -1.96 0.00	45.05 -2.18 0.00	45.39 -2.48 0.00	46.20 -2.24 0.00	47.07 -2.70 0.00	44.68 -3.03 0.31	45.21 -2.89 0.01	45.79 -3.17 0.20	44.89 -2.97 0.05	41.07 -2.20 0.00
HYLAND___LFGE 323620	43.30 0.22 0.00	34.91 -0.32 0.00	30.33 -0.41 0.00	30.07 -0.40 0.00	30.06 -0.53 0.00	38.39 -0.57 0.00	46.78 -0.38 0.00	49.44 -0.03 0.00	31.80 -0.86 0.00	32.89 -0.89 0.00	31.02 -0.76 0.00	34.02 -0.69 0.00	34.24 -0.60 0.00	40.45 -1.20 0.00	40.88 -1.23 0.00	47.01 -0.22 0.00	48.04 0.17 0.00	49.48 1.05 0.00	50.66 0.89 0.00	49.63 0.57 -1.04	48.67 0.53 -0.03	49.49 0.27 -0.06	48.06 0.19 0.04	43.67 0.41 0.00
INDECK___CORINTH 23802	44.14 1.06 0.00	36.08 0.85 0.00	31.56 0.82 0.00	31.26 0.78 0.00	31.40 0.81 0.00	40.12 1.16 0.00	48.56 1.41 0.00	50.87 1.40 0.00	33.34 0.68 0.00	34.09 0.31 0.00	31.40 -0.38 0.00	34.13 -0.58 0.00	34.02 -0.82 0.00	40.90 -0.76 0.00	41.56 -0.55 0.00	46.87 -0.36 0.00	47.91 0.04 0.00	49.26 0.83 0.00	50.93 1.15 0.00	49.86 1.84 0.00	50.12 2.01 0.00	51.17 2.02 0.00	49.70 1.79 0.00	44.66 1.39 0.00
INDECK___ILION 23567	43.61 0.53 0.00	35.58 0.35 0.00	31.04 0.29 0.00	30.75 0.28 0.00	30.88 0.29 0.00	39.32 0.36 0.00	47.56 0.40 0.00	49.72 0.25 0.00	32.56 -0.09 0.00	33.44 -0.33 0.00	31.30 -0.47 0.00	34.22 -0.49 0.00	34.37 -0.46 0.00	41.30 -0.35 0.00	41.80 -0.31 0.00	47.03 -0.20 0.00	47.74 -0.12 0.00	48.44 0.00 0.00	50.10 0.33 0.00	48.53 0.50 0.00	48.71 0.60 0.00	50.03 0.88 0.00	48.74 0.83 0.00	43.89 0.62 0.00
INDECK___OLEAN 23982	41.99 -1.09 0.00	34.20 -1.03 0.00	29.74 -1.00 0.00	29.53 -0.94 0.00	29.59 -1.00 0.00	37.77 -1.19 0.00	45.92 -1.24 0.00	48.24 -1.23 0.00	31.66 -1.00 0.00	33.43 -0.34 0.00	31.67 -0.10 0.00	34.39 -0.31 0.00	34.58 -0.26 0.00	41.36 -0.29 0.00	41.09 -1.02 0.00	46.34 -0.89 0.00	46.72 -1.15 0.00	47.37 -1.06 0.00	48.08 -1.69 0.00	46.22 -1.81 0.00	46.26 -1.85 0.00	46.80 -2.23 0.11	46.57 -1.31 0.04	42.66 -0.61 0.00
INDECK___OSWEGO 23783	41.94 -1.14 0.00	34.26 -0.96 0.00	29.87 -0.87 0.00	29.60 -0.86 0.00	29.72 -0.87 0.00	37.86 -1.10 0.00	45.87 -1.29 0.00	48.10 -1.37 0.00	31.64 -1.02 0.00	32.75 -1.02 0.00	30.84 -0.93 0.00	33.70 -1.00 0.00	33.78 -1.05 0.00	40.22 -1.44 0.00	40.73 -1.37 0.00	45.82 -1.41 0.00	46.53 -1.34 0.00	47.17 -1.26 0.00	48.47 -1.30 0.00	46.76 -1.27 0.00	46.84 -1.27 0.00	47.94 -1.41 -0.20	46.62 -1.37 -0.07	42.08 -1.18 0.00
INDECK___YERKES 23781	40.76 -2.32 0.00	32.80 -2.43 0.00	28.54 -2.21 0.00	28.25 -2.22 0.00	28.24 -2.34 0.00	36.17 -2.79 0.00	44.20 -2.95 0.00	47.05 -2.42 0.00	31.02 -1.64 0.00	33.05 -0.72 0.00	31.13 -0.64 0.00	34.11 -0.59 0.00	34.14 -0.70 0.00	40.09 -1.56 0.00	40.32 -1.79 0.00	45.24 -1.99 0.00	45.63 -2.24 0.00	46.44 -1.99 0.00	47.36 -2.41 0.00	45.02 -2.74 0.27	45.48 -2.63 0.01	46.11 -2.85 0.19	45.22 -2.65 0.05	41.35 -1.91 0.00
INDIAN POINT_GT_1 24139	45.04 1.96 0.00	36.60 1.37 0.00	31.81 1.06 0.00	31.47 1.00 0.00	31.57 0.98 0.00	40.11 1.16 0.00	48.65 1.49 0.00	51.00 1.54 0.00	34.07 1.41 0.00	35.36 1.59 0.00	33.48 1.70 0.00	36.78 2.08 0.00	37.26 2.42 0.00	44.75 3.10 0.00	45.22 3.11 0.00	50.50 3.26 0.00	50.86 3.00 0.00	51.04 2.61 0.00	52.08 2.31 0.00	50.28 2.25 0.00	50.36 2.24 0.00	51.57 2.42 0.00	50.60 2.69 0.00	45.64 2.38 0.00
INDIAN POINT_GT_2 23659	45.04 1.96 0.00	36.60 1.37 0.00	31.81 1.06 0.00	31.47 1.00 0.00	31.57 0.98 0.00	40.11 1.16 0.00	48.65 1.49 0.00	51.00 1.54 0.00	34.07 1.41 0.00	35.36 1.59 0.00	33.48 1.70 0.00	36.78 2.08 0.00	37.26 2.42 0.00	44.75 3.10 0.00	45.22 3.11 0.00	50.50 3.26 0.00	50.86 3.00 0.00	51.04 2.61 0.00	52.08 2.31 0.00	50.28 2.25 0.00	50.36 2.24 0.00	51.57 2.42 0.00	50.60 2.69 0.00	45.64 2.38 0.00
INDIAN POINT_GT_3 24019	45.04 1.96 0.00	36.60 1.37 0.00	31.81 1.06 0.00	31.47 1.00 0.00	31.57 0.98 0.00	40.11 1.16 0.00	48.65 1.49 0.00	51.00 1.54 0.00	34.07 1.41 0.00	35.36 1.59 0.00	33.48 1.70 0.00	36.78 2.08 0.00	37.26 2.42 0.00	44.75 3.10 0.00	45.22 3.11 0.00	50.50 3.26 0.00	50.86 3.00 0.00	51.04 2.61 0.00	52.08 2.31 0.00	50.28 2.25 0.00	50.36 2.24 0.00	51.57 2.42 0.00	50.60 2.69 0.00	45.64 2.38 0.00
INDIAN POINT___2 23530	44.97 1.90 0.00	36.55 1.32 0.00	31.77 1.03 0.00	31.42 0.95 0.00	31.53 0.94 0.00	40.07 1.12 0.00	48.58 1.43 0.00	50.95 1.48 0.00	34.03 1.37 0.00	35.32 1.55 0.00	33.45 1.67 0.00	36.75 2.04 0.00	37.23 2.39 0.00	44.71 3.06 0.00	45.19 3.08 0.00	50.45 3.22 0.00	50.84 2.97 0.00	51.01 2.58 0.00	52.05 2.28 0.00	50.23 2.20 0.00	50.31 2.20 0.00	51.51 2.36 0.00	50.55 2.64 0.00	45.59 2.33 0.00
INDIAN POINT___3 23531	45.00 1.93 0.00	36.58 1.35 0.00	31.79 1.04 0.00	31.45 0.98 0.00	31.55 0.96 0.00	40.10 1.14 0.00	48.61 1.46 0.00	50.98 1.52 0.00	34.05 1.40 0.00	35.35 1.58 0.00	33.47 1.69 0.00	36.76 2.06 0.00	37.23 2.39 0.00	44.71 3.05 0.00	45.17 3.07 0.00	50.44 3.21 0.00	50.83 2.96 0.00	51.02 2.58 0.00	52.06 2.29 0.00	50.24 2.21 0.00	50.32 2.20 0.00	51.54 2.40 0.00	50.56 2.64 0.00	45.60 2.34 0.00
INDIANHD_69_KV_BK1 55831	45.42 2.34 0.00	36.89 1.66 0.00	32.27 1.53 0.00	31.87 1.40 0.00	32.03 1.43 0.00	40.38 1.42 0.00	48.86 1.70 0.00	51.24 1.77 0.00	34.50 1.84 0.00	35.76 1.99 0.00	33.76 1.98 0.00	37.16 2.45 0.00	37.86 3.02 0.00	45.69 4.03 0.00	46.48 4.31 -0.06	51.82 4.60 0.00	52.51 4.33 -0.30	52.47 3.79 -0.24	52.89 3.12 0.00	51.09 3.06 0.00	51.01 2.90 0.00	52.10 2.95 0.00	51.04 3.13 0.00	46.01 2.75 0.00
INGHAM_C_115KV_TB7 356103	44.11 1.03 0.00	35.90 0.67 0.00	31.33 0.59 0.00	31.03 0.56 0.00	31.16 0.57 0.00	39.69 0.74 0.00	47.97 0.82 0.00	49.95 0.48 0.00	32.38 -0.28 0.00	32.92 -0.85 0.00	30.56 -1.21 0.00	33.45 -1.26 0.00	33.59 -1.25 0.00	40.62 -1.04 0.00	41.14 -0.96 0.00	46.43 -0.81 0.00	47.25 -0.62 0.00	48.11 -0.32 0.00	50.28 0.51 0.00	48.95 0.92 0.00	49.25 1.14 0.00	50.91 1.76 0.00	49.56 1.65 0.00	44.50 1.23 0.00

IP CORINTH___1 23988	44.39 1.31 0.00	36.27 1.04 0.00	31.73 0.98 0.00	31.42 0.95 0.00	31.56 0.97 0.00	40.34 1.38 0.00	48.81 1.65 0.00	51.12 1.65 0.00	33.51 0.85 0.00	34.27 0.50 0.00	31.56 -0.21 0.00	34.31 -0.40 0.00	34.20 -0.64 0.00	41.11 -0.54 0.00	41.78 -0.33 0.00	47.13 -0.10 0.00	48.18 0.31 0.00	49.54 1.11 0.00	51.20 1.43 0.00	50.12 2.09 0.00	50.40 2.28 0.00	51.44 2.29 0.00	49.96 2.05 0.00	44.88 1.62 0.00
IP___TICONDEROGA 23804	46.55 3.47 0.00	37.93 2.70 0.00	33.34 2.60 0.00	32.98 2.51 0.00	33.20 2.61 0.00	42.59 3.63 0.00	51.55 4.39 0.00	53.79 4.32 0.00	34.77 2.11 0.00	35.36 1.59 0.00	32.10 0.32 0.00	34.73 0.02 0.00	34.51 -0.33 0.00	41.43 -0.23 0.00	42.27 0.16 0.00	48.09 0.86 0.00	49.52 1.65 0.00	51.70 3.26 0.00	53.55 3.78 0.00	53.26 5.23 0.00	53.66 5.55 0.00	54.41 5.26 0.00	52.51 4.60 0.00	46.72 3.45 0.00
ISLIP_RES_REC 323679	45.66 2.58 0.00	37.05 1.82 0.00	32.47 1.72 0.00	32.07 1.60 0.00	32.25 1.66 0.00	40.58 1.62 0.00	49.05 1.89 0.00	51.39 1.92 0.00	34.59 1.93 0.00	35.89 2.12 0.00	33.85 2.08 0.00	37.26 2.55 0.00	37.96 3.12 0.00	45.85 4.19 0.00	46.66 4.49 -0.06	52.09 4.86 0.00	52.82 4.65 -0.30	52.85 4.17 -0.24	53.32 3.55 0.00	51.55 3.52 0.00	51.46 3.34 0.00	52.45 3.30 0.00	51.34 3.43 0.00	46.27 3.01 0.00
JAMAICA___27_KV_LOAD 355505	45.56 2.48 0.00	37.02 1.79 0.00	32.14 1.40 0.00	31.78 1.31 0.00	31.88 1.29 0.00	40.43 1.47 0.00	49.03 1.87 0.00	51.43 1.96 0.00	34.47 1.81 0.00	35.79 2.02 0.00	33.82 2.05 0.00	37.15 2.44 0.00	37.63 2.80 0.00	45.18 3.54 0.01	45.68 3.58 0.01	50.93 3.71 0.01	51.18 3.31 0.00	51.29 2.86 0.00	52.33 2.57 0.00	50.51 2.48 0.00	50.58 2.46 0.00	51.89 2.75 0.00	51.12 3.21 0.00	46.16 2.89 0.00
JANIS___SOLAR 323808	44.25 1.17 0.00	36.00 0.77 0.00	31.31 0.56 0.00	31.00 0.53 0.00	31.06 0.48 0.00	39.59 0.64 0.00	47.81 0.65 0.00	49.83 0.37 0.00	32.36 -0.29 0.00	33.02 -0.76 0.00	31.12 -0.66 0.00	34.10 -0.61 0.00	34.36 -0.47 0.00	41.07 -0.59 0.00	41.70 -0.41 0.00	47.34 0.10 0.00	48.67 0.80 0.00	50.05 1.61 0.00	51.37 1.60 0.00	49.19 1.08 -0.07	48.95 0.84 0.00	49.69 0.56 0.02	48.47 0.57 0.01	43.79 0.53 0.00
JARVIS____ 23743	43.21 0.13 0.00	35.29 0.06 0.00	30.81 0.06 0.00	30.52 0.05 0.00	30.64 0.05 0.00	39.03 0.07 0.00	47.25 0.09 0.00	49.52 0.05 0.00	32.67 0.01 0.00	33.76 -0.01 0.00	31.74 -0.03 0.00	34.66 -0.05 0.00	34.80 -0.04 0.00	41.65 -0.01 0.00	42.15 0.04 0.00	47.28 0.05 0.00	47.94 0.07 0.00	48.49 0.05 0.00	49.82 0.05 0.00	48.14 0.11 0.00	48.25 0.14 0.00	49.33 0.18 0.00	48.09 0.18 0.00	43.40 0.13 0.00
JENNISON___1 23625	44.40 1.32 0.00	36.15 0.93 0.00	31.45 0.71 0.00	31.15 0.68 0.00	31.22 0.63 0.00	39.79 0.83 0.00	47.71 0.56 0.00	49.41 -0.05 0.00	32.37 -0.29 0.00	33.23 -0.54 0.00	31.63 -0.15 0.00	34.72 0.02 0.00	34.99 0.15 0.00	41.88 0.22 0.00	42.34 0.24 0.00	47.90 0.67 0.00	48.93 1.06 0.00	49.80 1.37 0.00	50.91 1.14 0.00	48.73 0.66 -0.04	48.50 0.39 0.00	49.27 0.14 0.02	48.06 0.16 0.01	43.52 0.26 0.00
JENNISON___2 23626	44.40 1.32 0.00	36.15 0.93 0.00	31.45 0.71 0.00	31.15 0.68 0.00	31.22 0.63 0.00	39.79 0.83 0.00	47.71 0.56 0.00	49.41 -0.05 0.00	32.37 -0.29 0.00	33.23 -0.54 0.00	31.63 -0.15 0.00	34.72 0.02 0.00	34.99 0.15 0.00	41.88 0.22 0.00	42.34 0.24 0.00	47.90 0.67 0.00	48.93 1.06 0.00	49.80 1.37 0.00	50.91 1.14 0.00	48.73 0.66 -0.04	48.50 0.39 0.00	49.27 0.14 0.02	48.06 0.16 0.01	43.52 0.26 0.00
JERICHO_RISE_WT_PWR 323719	43.12 0.04 0.00	35.44 0.21 0.00	31.03 0.29 0.00	30.79 0.32 0.00	30.92 0.32 0.00	39.35 0.39 0.00	47.57 0.41 0.00	49.94 0.47 0.00	32.95 0.29 0.00	33.96 0.19 0.00	31.98 0.20 0.00	34.87 0.16 0.00	34.85 0.02 0.00	41.60 -0.05 0.00	41.89 -0.21 0.00	46.90 -0.33 0.00	47.46 -0.41 0.00	48.31 -0.13 0.00	49.92 0.15 0.00	47.90 -0.12 0.00	47.75 -0.36 0.00	48.65 -0.50 0.00	47.13 -0.78 0.00	42.41 -0.85 0.00
KATONAH___115KV_46KV_TB4 355592	45.24 2.17 0.00	36.77 1.54 0.00	31.96 1.22 0.00	31.61 1.14 0.00	31.71 1.12 0.00	40.31 1.35 0.00	48.88 1.73 0.00	51.25 1.79 0.00	34.23 1.58 0.00	35.56 1.78 0.00	33.64 1.86 0.00	36.95 2.24 0.00	37.40 2.56 0.00	44.91 3.26 0.00	45.37 3.26 0.00	50.69 3.46 0.00	51.08 3.22 0.00	51.28 2.84 0.00	52.34 2.57 0.00	50.55 2.52 0.00	50.63 2.52 0.00	51.85 2.71 0.00	50.83 2.92 0.00	45.83 2.57 0.00
KCE_NY_1 323755	44.62 1.54 0.00	36.44 1.21 0.00	31.87 1.13 0.00	31.53 1.06 0.00	31.69 1.10 0.00	40.48 1.52 0.00	48.96 1.80 0.00	51.30 1.83 0.00	33.71 1.05 0.00	34.58 0.81 0.00	32.17 0.39 0.00	35.04 0.33 0.00	35.12 0.29 0.00	42.22 0.57 0.00	42.79 0.68 0.00	48.19 0.96 0.00	49.09 1.23 0.00	49.96 1.52 0.00	51.55 1.77 0.00	50.14 2.11 0.00	50.33 2.22 0.00	51.55 2.41 0.00	50.11 2.20 0.00	45.10 1.83 0.00
KCE_NY_6_ESR 323823	40.94 -2.14 0.00	32.98 -2.25 0.00	28.71 -2.03 0.00	28.46 -2.01 0.00	28.44 -2.15 0.00	36.38 -2.59 0.00	44.42 -2.74 0.00	47.15 -2.31 0.00	31.08 -1.58 0.00	33.09 -0.68 0.00	31.18 -0.59 0.00	34.21 -0.50 0.00	34.25 -0.59 0.00	40.40 -1.25 0.00	40.64 -1.47 0.00	45.67 -1.56 0.00	46.07 -1.80 0.00	46.87 -1.57 0.00	47.68 -2.09 0.00	45.23 -2.46 0.33	45.75 -2.36 0.01	46.31 -2.65 0.20	45.37 -2.49 0.05	41.47 -1.79 0.00
KEDC_PORT_JEFF_GT2 24210	45.39 2.31 0.00	36.85 1.62 0.00	32.30 1.56 0.00	31.91 1.44 0.00	32.09 1.49 0.00	40.39 1.43 0.00	48.81 1.66 0.00	51.16 1.69 0.00	34.43 1.77 0.00	35.71 1.94 0.00	33.69 1.91 0.00	37.08 2.38 0.00	37.76 2.92 0.00	45.57 3.92 0.00	46.38 4.21 -0.06	51.73 4.50 0.00	52.45 4.28 -0.30	52.45 3.77 -0.24	52.89 3.12 0.00	51.13 3.10 0.00	51.06 2.95 0.00	52.07 2.92 0.00	51.00 3.09 0.00	45.98 2.72 0.00
KEDC_PORT_JEFF_GT3 24211	45.39 2.31 0.00	36.85 1.62 0.00	32.30 1.56 0.00	31.91 1.44 0.00	32.09 1.49 0.00	40.39 1.43 0.00	48.81 1.66 0.00	51.16 1.69 0.00	34.43 1.77 0.00	35.71 1.94 0.00	33.69 1.91 0.00	37.08 2.38 0.00	37.76 2.92 0.00	45.57 3.92 0.00	46.38 4.21 -0.06	51.73 4.50 0.00	52.45 4.28 -0.30	52.45 3.77 -0.24	52.89 3.12 0.00	51.13 3.10 0.00	51.06 2.95 0.00	52.07 2.92 0.00	51.00 3.09 0.00	45.98 2.72 0.00
KEDC_GLWD_GT4 24219	45.55 2.47 0.00	36.99 1.76 0.00	32.19 1.44 0.00	31.81 1.34 0.00	31.91 1.32 0.00	40.47 1.51 0.00	49.07 1.91 0.00	51.45 1.98 0.00	34.47 1.81 0.00	35.80 2.03 0.00	33.93 2.15 0.00	37.33 2.63 0.00	37.88 3.04 0.00	45.54 3.88 0.00	46.15 3.98 -0.06	51.42 4.19 0.00	52.06 3.89 -0.30	52.10 3.42 -0.24	52.72 2.96 0.00	50.89 2.87 0.00	50.91 2.80 0.00	52.14 3.00 0.00	51.12 3.21 0.00	46.13 2.86 0.00

KEDC_GLWD_GT5 24220	45.55 2.47 0.00	36.99 1.76 0.00	32.19 1.44 0.00	31.81 1.34 0.00	31.91 1.32 0.00	40.47 1.51 0.00	49.07 1.91 0.00	51.45 1.98 0.00	34.47 1.81 0.00	35.80 2.03 0.00	33.93 2.15 0.00	37.33 2.63 0.00	37.88 3.04 0.00	45.54 3.88 0.00	46.15 3.98 -0.06	51.42 4.19 0.00	52.06 3.89 -0.30	52.10 3.42 -0.24	52.72 2.96 0.00	50.89 2.87 0.00	50.91 2.80 0.00	52.14 3.00 0.00	51.12 3.21 0.00	46.13 2.86 0.00
KENSICO____ 23655	45.20 2.12 0.00	36.74 1.51 0.00	31.92 1.18 0.00	31.57 1.11 0.00	31.68 1.09 0.00	40.24 1.28 0.00	48.79 1.64 0.00	51.15 1.69 0.00	34.19 1.54 0.00	35.51 1.73 0.00	33.62 1.84 0.00	36.92 2.22 0.00	37.40 2.57 0.00	44.92 3.26 0.00	45.39 3.28 0.00	50.67 3.44 0.00	51.02 3.15 0.00	51.17 2.74 0.00	52.21 2.44 0.00	50.40 2.37 0.00	50.46 2.35 0.00	51.72 2.57 0.00	50.75 2.84 0.00	45.79 2.53 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.01 1.93 0.00	36.59 1.37 0.00	31.79 1.05 0.00	31.46 0.99 0.00	31.56 0.97 0.00	40.14 1.19 0.00	48.70 1.54 0.00	51.06 1.59 0.00	33.99 1.33 0.00	35.20 1.43 0.00	33.21 1.44 0.00	36.40 1.69 0.00	36.87 2.03 0.00	44.43 2.78 0.00	44.80 2.70 0.00	50.08 2.85 0.00	50.75 2.88 0.00	51.20 2.76 0.00	52.43 2.66 0.00	50.62 2.59 0.00	50.68 2.57 0.00	51.81 2.66 0.00	50.72 2.81 0.00	45.70 2.44 0.00
KIAC_JFK_GT1 23816	45.27 2.19 0.00	36.80 1.57 0.00	31.96 1.22 0.00	31.59 1.12 0.00	31.71 1.12 0.00	40.20 1.24 0.00	48.74 1.58 0.00	51.12 1.65 0.00	34.27 1.61 0.00	35.58 1.81 0.00	33.62 1.85 0.00	36.93 2.23 0.00	37.41 2.58 0.00	44.91 3.26 0.01	45.41 3.31 0.01	50.57 3.35 0.01	50.71 2.84 0.00	50.80 2.37 0.00	51.84 2.07 0.00	50.03 2.00 0.00	50.09 1.98 0.00	51.41 2.26 0.00	50.65 2.74 0.00	45.87 2.60 0.00
KIAC_JFK_GT2 23817	45.27 2.19 0.00	36.80 1.57 0.00	31.96 1.22 0.00	31.59 1.12 0.00	31.71 1.12 0.00	40.20 1.24 0.00	48.74 1.58 0.00	51.12 1.65 0.00	34.27 1.61 0.00	35.58 1.81 0.00	33.62 1.85 0.00	36.93 2.23 0.00	37.41 2.58 0.00	44.91 3.26 0.01	45.41 3.31 0.01	50.57 3.35 0.01	50.71 2.84 0.00	50.80 2.37 0.00	51.84 2.07 0.00	50.03 2.00 0.00	50.09 1.98 0.00	51.41 2.26 0.00	50.65 2.74 0.00	45.87 2.60 0.00
KIAC_JFK____ 323774	45.27 2.19 0.00	36.80 1.57 0.00	31.96 1.22 0.00	31.59 1.12 0.00	31.71 1.12 0.00	40.20 1.24 0.00	48.75 1.59 0.00	51.12 1.65 0.00	34.27 1.61 0.00	35.58 1.81 0.00	33.62 1.85 0.00	36.93 2.23 0.00	37.41 2.58 0.00	44.91 3.26 0.01	45.41 3.31 0.01	50.58 3.35 0.01	50.71 2.84 0.00	50.80 2.37 0.00	51.85 2.09 0.00	50.03 2.00 0.00	50.09 1.98 0.00	51.41 2.26 0.00	50.66 2.75 0.00	45.87 2.61 0.00
KINTIGH__24_KV_GSU 356498	40.72 -2.36 0.00	32.89 -2.34 0.00	28.68 -2.07 0.00	28.42 -2.05 0.00	28.42 -2.17 0.00	36.33 -2.63 0.00	44.30 -2.86 0.00	47.03 -2.44 0.00	31.00 -1.66 0.00	32.88 -0.89 0.00	30.96 -0.81 0.00	33.88 -0.82 0.00	33.90 -0.94 0.00	40.00 -1.65 0.00	40.22 -1.89 0.00	45.14 -2.09 0.00	45.58 -2.28 0.00	46.36 -2.08 0.00	47.33 -2.43 0.00	45.15 -2.71 0.16	45.54 -2.56 0.01	46.14 -2.83 0.18	45.19 -2.66 0.06	41.27 -1.99 0.00
KINTIGH____ 23543	40.70 -2.38 0.00	32.86 -2.36 0.00	28.66 -2.09 0.00	28.39 -2.08 0.00	28.41 -2.18 0.00	36.31 -2.65 0.00	44.29 -2.87 0.00	46.99 -2.48 0.00	30.97 -1.68 0.00	32.85 -0.92 0.00	30.94 -0.83 0.00	33.86 -0.85 0.00	33.89 -0.95 0.00	39.97 -1.68 0.00	40.19 -1.92 0.00	45.10 -2.13 0.00	45.54 -2.33 0.00	46.33 -2.11 0.00	47.32 -2.45 0.00	45.13 -2.74 0.16	45.50 -2.61 0.01	46.09 -2.87 0.18	45.17 -2.69 0.06	41.24 -2.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.67 0.59 0.00	35.88 0.66 0.00	31.46 0.72 0.00	31.21 0.74 0.00	31.34 0.75 0.00	39.92 0.96 0.00	48.22 1.06 0.00	50.59 1.12 0.00	33.27 0.61 0.00	34.27 0.50 0.00	32.24 0.47 0.00	35.16 0.46 0.00	35.16 0.32 0.00	41.97 0.31 0.00	42.21 0.10 0.00	47.34 0.11 0.00	47.96 0.09 0.00	48.87 0.43 0.00	50.65 0.89 0.00	48.68 0.65 0.00	48.52 0.41 0.00	49.39 0.24 0.00	47.78 -0.13 0.00	42.89 -0.37 0.00
LACHUTE__HYDRO 323717	46.55 3.47 0.00	37.93 2.70 0.00	33.34 2.60 0.00	32.98 2.51 0.00	33.20 2.61 0.00	42.59 3.63 0.00	51.55 4.39 0.00	53.79 4.32 0.00	34.77 2.11 0.00	35.36 1.59 0.00	32.10 0.32 0.00	34.73 0.02 0.00	34.51 -0.33 0.00	41.43 -0.23 0.00	42.27 0.16 0.00	48.09 0.86 0.00	49.52 1.65 0.00	51.70 3.26 0.00	53.55 3.78 0.00	53.26 5.23 0.00	53.66 5.55 0.00	54.41 5.26 0.00	52.51 4.60 0.00	46.72 3.45 0.00
LAWRNCV_115KV_TB1 80681	43.43 0.35 0.00	35.82 0.59 0.00	31.34 0.60 0.00	31.06 0.59 0.00	31.29 0.70 0.00	39.81 0.85 0.00	48.09 0.93 0.00	50.47 1.01 0.00	33.15 0.49 0.00	34.09 0.31 0.00	32.14 0.36 0.00	35.01 0.30 0.00	34.99 0.15 0.00	41.66 0.01 0.00	41.75 -0.36 0.00	46.67 -0.56 0.00	47.06 -0.81 0.00	47.97 -0.46 0.00	49.79 0.02 0.00	47.99 -0.04 0.00	47.95 -0.16 0.00	49.14 -0.01 0.00	48.02 0.10 0.00	43.26 0.00 0.00
LEDERLE____ 23769	45.16 2.08 0.00	36.69 1.46 0.00	31.88 1.13 0.00	31.54 1.07 0.00	31.64 1.05 0.00	40.23 1.27 0.00	48.79 1.63 0.00	51.18 1.71 0.00	34.17 1.51 0.00	35.46 1.69 0.00	33.61 1.83 0.00	36.94 2.23 0.00	37.45 2.61 0.00	44.99 3.34 0.00	45.46 3.35 0.00	50.79 3.56 0.00	51.21 3.34 0.00	51.41 2.98 0.00	52.46 2.69 0.00	50.59 2.56 0.00	50.64 2.53 0.00	51.82 2.67 0.00	50.83 2.92 0.00	45.82 2.56 0.00
LIGHTHSE_115KV_TB6 355974	42.78 -0.30 0.00	34.92 -0.31 0.00	30.41 -0.33 0.00	30.10 -0.37 0.00	30.27 -0.32 0.00	38.55 -0.41 0.00	46.66 -0.50 0.00	48.80 -0.66 0.00	31.96 -0.69 0.00	32.93 -0.84 0.00	31.05 -0.72 0.00	33.88 -0.82 0.00	33.92 -0.92 0.00	40.37 -1.28 0.00	40.91 -1.20 0.00	46.04 -1.19 0.00	46.81 -1.06 0.00	47.66 -0.77 0.00	49.23 -0.54 0.00	47.58 -0.45 0.00	47.63 -0.48 0.00	48.48 -0.70 -0.03	47.19 -0.74 -0.01	42.52 -0.74 0.00
LINDEN COGEN____ 23786	45.22 2.14 0.00	36.73 1.51 0.00	31.89 1.15 0.00	31.55 1.08 0.00	31.65 1.06 0.00	40.18 1.23 0.00	48.75 1.59 0.00	51.05 1.59 0.00	34.20 1.55 0.00	35.50 1.73 0.00	33.67 1.89 0.00	37.01 2.31 0.00	37.54 2.70 0.00	45.09 3.43 0.00	45.58 3.47 0.00	50.81 3.58 0.00	51.06 3.19 0.00	51.08 2.65 0.00	52.10 2.33 0.00	50.28 2.25 0.00	50.34 2.22 0.00	51.64 2.49 0.00	50.78 2.87 0.00	45.82 2.56 0.00
LINDHRST_69_KV_BK1 356055	45.85 2.77 0.00	37.21 1.98 0.00	32.48 1.74 0.00	32.07 1.60 0.00	32.21 1.62 0.00	40.68 1.72 0.00	49.26 2.10 0.00	51.67 2.21 0.00	34.73 2.07 0.00	36.02 2.25 0.00	34.05 2.27 0.00	37.48 2.78 0.00	38.14 3.30 0.00	45.94 4.28 0.00	46.68 4.51 -0.06	52.08 4.85 0.00	52.74 4.56 -0.30	52.74 4.06 -0.24	53.25 3.48 0.00	51.46 3.43 0.00	51.40 3.29 0.00	52.54 3.39 0.00	51.50 3.59 0.00	46.44 3.18 0.00

LIPA_MISC_IPP 23656	45.25 2.17 0.00	36.68 1.45 0.00	32.29 1.55 0.00	31.90 1.43 0.00	32.14 1.55 0.00	40.31 1.35 0.00	48.61 1.46 0.00	50.84 1.37 0.00	34.19 1.54 0.00	35.50 1.73 0.00	33.48 1.71 0.00	36.83 2.13 0.00	37.49 2.65 0.00	45.27 3.61 0.00	46.08 3.91 -0.06	51.43 4.20 0.00	52.17 4.00 -0.30	52.16 3.49 -0.24	52.65 2.88 0.00	50.96 2.94 0.00	50.90 2.79 0.00	51.84 2.69 0.00	50.75 2.84 0.00	45.75 2.49 0.00
LISF___SOLAR 323691	45.33 2.25 0.00	36.73 1.50 0.00	32.34 1.60 0.00	31.96 1.49 0.00	32.20 1.61 0.00	40.37 1.41 0.00	48.68 1.52 0.00	50.89 1.42 0.00	34.22 1.57 0.00	35.53 1.76 0.00	33.49 1.71 0.00	36.83 2.13 0.00	37.49 2.66 0.00	45.29 3.63 0.00	46.12 3.95 -0.06	51.45 4.22 0.00	52.22 4.05 -0.30	52.27 3.59 -0.24	52.77 3.00 0.00	51.07 3.04 0.00	51.02 2.90 0.00	51.94 2.79 0.00	50.84 2.93 0.00	45.84 2.57 0.00
LITTLE FALLS___HYD 24013	44.11 1.03 0.00	35.90 0.67 0.00	31.33 0.59 0.00	31.03 0.56 0.00	31.16 0.57 0.00	39.69 0.74 0.00	47.97 0.82 0.00	49.95 0.48 0.00	32.38 -0.28 0.00	32.92 -0.85 0.00	30.56 -1.21 0.00	33.45 -1.26 0.00	33.59 -1.25 0.00	40.62 -1.04 0.00	41.14 -0.96 0.00	46.43 -0.81 0.00	47.25 -0.62 0.00	48.11 -0.32 0.00	50.28 0.51 0.00	48.95 0.92 0.00	49.25 1.14 0.00	50.91 1.76 0.00	49.56 1.65 0.00	44.50 1.23 0.00
LITTLRIV_115KV_TB1 356100	43.95 0.87 0.00	36.25 1.02 0.00	31.71 0.96 0.00	31.42 0.95 0.00	31.67 1.08 0.00	40.28 1.33 0.00	48.69 1.53 0.00	51.06 1.60 0.00	33.34 0.69 0.00	34.21 0.44 0.00	32.24 0.47 0.00	35.12 0.41 0.00	35.08 0.24 0.00	41.77 0.11 0.00	41.84 -0.27 0.00	46.77 -0.46 0.00	47.26 -0.61 0.00	48.22 -0.21 0.00	50.22 0.45 0.00	48.56 0.53 0.00	48.54 0.43 0.00	49.80 0.65 0.00	48.67 0.76 0.00	43.85 0.59 0.00
LI_NEWBRDGE___DRP 323616	45.20 2.12 0.00	36.70 1.47 0.00	32.00 1.26 0.00	31.61 1.14 0.00	31.73 1.14 0.00	40.16 1.20 0.00	48.65 1.49 0.00	51.01 1.55 0.00	34.25 1.60 0.00	35.51 1.74 0.00	33.60 1.82 0.00	36.99 2.28 0.00	37.57 2.73 0.00	45.19 3.54 0.00	45.87 3.70 -0.06	51.07 3.84 0.00	51.70 3.53 -0.30	51.68 3.00 -0.24	52.23 2.46 0.00	50.45 2.42 0.00	50.43 2.32 0.00	51.63 2.48 0.00	50.67 2.76 0.00	45.73 2.47 0.00
LOCKPORT_115KV_TB60_63_64 80432	40.39 -2.69 0.00	32.48 -2.75 0.00	28.34 -2.40 0.00	28.08 -2.39 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.86 -3.30 0.00	46.68 -2.79 0.00	30.77 -1.88 0.00	32.72 -1.05 0.00	30.78 -0.99 0.00	33.70 -1.01 0.00	33.68 -1.16 0.00	39.60 -2.05 0.00	39.88 -2.23 0.00	44.73 -2.50 0.00	45.20 -2.67 0.00	46.05 -2.39 0.00	46.97 -2.80 0.00	44.74 -3.05 0.23	45.14 -2.97 0.01	45.79 -3.17 0.19	44.82 -3.04 0.05	40.96 -2.30 0.00
LOCKPORT___CC1 323769	40.39 -2.69 0.00	32.49 -2.74 0.00	28.34 -2.40 0.00	28.08 -2.39 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.83 -3.33 0.00	46.68 -2.79 0.00	30.76 -1.89 0.00	32.74 -1.03 0.00	30.81 -0.97 0.00	33.72 -0.98 0.00	33.71 -1.13 0.00	39.64 -2.02 0.00	39.88 -2.23 0.00	44.74 -2.49 0.00	45.20 -2.67 0.00	46.02 -2.42 0.00	46.94 -2.83 0.00	44.67 -3.11 0.25	45.09 -3.01 0.01	45.74 -3.22 0.19	44.79 -3.08 0.05	40.94 -2.32 0.00
LOCKPORT___CC2 323770	40.39 -2.69 0.00	32.49 -2.74 0.00	28.34 -2.40 0.00	28.08 -2.39 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.83 -3.33 0.00	46.68 -2.79 0.00	30.76 -1.89 0.00	32.74 -1.03 0.00	30.81 -0.97 0.00	33.72 -0.98 0.00	33.71 -1.13 0.00	39.64 -2.02 0.00	39.88 -2.23 0.00	44.74 -2.49 0.00	45.20 -2.67 0.00	46.02 -2.42 0.00	46.94 -2.83 0.00	44.67 -3.11 0.25	45.09 -3.01 0.01	45.74 -3.22 0.19	44.79 -3.08 0.05	40.94 -2.32 0.00
LOCKPORT___CC3 323771	40.39 -2.69 0.00	32.49 -2.74 0.00	28.34 -2.40 0.00	28.08 -2.39 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.83 -3.33 0.00	46.68 -2.79 0.00	30.76 -1.89 0.00	32.74 -1.03 0.00	30.81 -0.97 0.00	33.72 -0.98 0.00	33.71 -1.13 0.00	39.64 -2.02 0.00	39.88 -2.23 0.00	44.74 -2.49 0.00	45.20 -2.67 0.00	46.02 -2.42 0.00	46.94 -2.83 0.00	44.67 -3.11 0.25	45.09 -3.01 0.01	45.74 -3.22 0.19	44.79 -3.08 0.05	40.94 -2.32 0.00
LOCUSVLY_69_KV_BK2 55797	45.63 2.56 0.00	37.03 1.80 0.00	32.26 1.52 0.00	31.87 1.40 0.00	31.99 1.39 0.00	40.51 1.56 0.00	49.12 1.96 0.00	51.52 2.05 0.00	34.55 1.90 0.00	35.88 2.11 0.00	33.98 2.21 0.00	37.41 2.71 0.00	37.99 3.16 0.00	45.70 4.04 0.00	46.35 4.19 -0.06	51.64 4.41 0.00	52.28 4.11 -0.30	52.27 3.59 -0.24	52.84 3.07 0.00	51.04 3.01 0.00	51.02 2.91 0.00	52.25 3.10 0.00	51.22 3.31 0.00	46.20 2.93 0.00
LONG_LAKE_PHOENIX 24014	41.94 -1.14 0.00	34.26 -0.96 0.00	29.86 -0.87 0.00	29.60 -0.86 0.00	29.71 -0.88 0.00	37.84 -1.12 0.00	45.86 -1.30 0.00	48.12 -1.35 0.00	31.66 -0.99 0.00	32.77 -1.00 0.00	30.85 -0.93 0.00	33.73 -0.97 0.00	33.83 -1.01 0.00	40.29 -1.37 0.00	40.80 -1.31 0.00	45.89 -1.34 0.00	46.61 -1.25 0.00	47.32 -1.11 0.00	48.60 -1.17 0.00	46.85 -1.18 0.00	46.94 -1.17 0.00	47.97 -1.28 -0.11	46.68 -1.27 -0.04	42.17 -1.09 0.00
LOVETT___3 23632	44.93 1.85 0.00	36.51 1.29 0.00	31.74 0.99 0.00	31.39 0.92 0.00	31.50 0.91 0.00	40.04 1.08 0.00	48.55 1.39 0.00	50.92 1.45 0.00	34.00 1.35 0.00	35.29 1.52 0.00	33.43 1.65 0.00	36.72 2.02 0.00	37.21 2.37 0.00	44.69 3.03 0.00	45.14 3.04 0.00	50.41 3.18 0.00	50.80 2.94 0.00	50.98 2.54 0.00	52.02 2.25 0.00	50.20 2.17 0.00	50.27 2.15 0.00	51.48 2.32 0.00	50.50 2.59 0.00	45.55 2.29 0.00
LOVETT___4 23642	44.93 1.85 0.00	36.51 1.29 0.00	31.74 0.99 0.00	31.39 0.92 0.00	31.50 0.91 0.00	40.04 1.08 0.00	48.55 1.39 0.00	50.92 1.45 0.00	34.00 1.35 0.00	35.29 1.52 0.00	33.43 1.65 0.00	36.72 2.02 0.00	37.21 2.37 0.00	44.69 3.03 0.00	45.14 3.04 0.00	50.41 3.18 0.00	50.80 2.94 0.00	50.98 2.54 0.00	52.02 2.25 0.00	50.20 2.17 0.00	50.27 2.15 0.00	51.48 2.32 0.00	50.50 2.59 0.00	45.55 2.29 0.00
LOVETT___5 23593	44.93 1.85 0.00	36.51 1.29 0.00	31.74 0.99 0.00	31.39 0.92 0.00	31.50 0.91 0.00	40.04 1.08 0.00	48.55 1.39 0.00	50.92 1.45 0.00	34.00 1.35 0.00	35.29 1.52 0.00	33.43 1.65 0.00	36.72 2.02 0.00	37.21 2.37 0.00	44.69 3.03 0.00	45.14 3.04 0.00	50.41 3.18 0.00	50.80 2.94 0.00	50.98 2.54 0.00	52.02 2.25 0.00	50.20 2.17 0.00	50.27 2.15 0.00	51.48 2.32 0.00	50.50 2.59 0.00	45.55 2.29 0.00
LOWER RAQUET___HYD 24057	43.46 0.38 0.00	35.84 0.62 0.00	31.35 0.61 0.00	31.07 0.60 0.00	31.33 0.74 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.52 1.05 0.00	33.15 0.49 0.00	34.06 0.28 0.00	32.12 0.34 0.00	34.98 0.28 0.00	34.95 0.12 0.00	41.59 -0.06 0.00	41.66 -0.45 0.00	46.56 -0.66 0.00	46.90 -0.97 0.00	47.84 -0.59 0.00	49.69 -0.08 0.00	47.94 -0.09 0.00	47.90 -0.21 0.00	49.14 -0.01 0.00	48.06 0.15 0.00	43.30 0.03 0.00

LOWER___HUDSON 24059	44.17 1.08 0.00	36.06 0.84 0.00	31.57 0.82 0.00	31.23 0.76 0.00	31.38 0.79 0.00	40.07 1.12 0.00	48.45 1.30 0.00	50.82 1.35 0.00	33.49 0.83 0.00	34.44 0.67 0.00	32.06 0.29 0.00	34.94 0.23 0.00	35.05 0.21 0.00	42.11 0.45 0.00	42.64 0.54 0.00	47.91 0.68 0.00	48.68 0.81 0.00	49.21 0.77 0.00	50.70 0.93 0.00	49.30 1.28 0.00	49.52 1.41 0.00	50.83 1.68 0.00	49.44 1.53 0.00	44.53 1.26 0.00
LOWVILLE_115KV_TB2 356335	44.36 1.28 0.00	36.26 1.03 0.00	31.53 0.79 0.00	31.15 0.68 0.00	31.46 0.87 0.00	40.03 1.07 0.00	48.31 1.15 0.00	50.31 0.84 0.00	32.67 0.01 0.00	33.37 -0.39 0.00	31.57 -0.20 0.00	34.38 -0.32 0.00	34.27 -0.57 0.00	40.75 -0.90 0.00	41.37 -0.74 0.00	46.56 -0.67 0.00	47.46 -0.41 0.00	48.62 0.18 0.00	50.46 0.69 0.00	48.79 0.76 0.00	48.56 0.45 0.00	49.23 0.08 0.00	47.96 0.05 0.00	42.95 -0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	44.62 1.54 0.00	36.43 1.21 0.00	31.86 1.12 0.00	31.53 1.06 0.00	31.68 1.09 0.00	40.45 1.49 0.00	48.93 1.77 0.00	51.28 1.81 0.00	33.68 1.03 0.00	34.56 0.79 0.00	32.13 0.36 0.00	35.00 0.30 0.00	35.08 0.24 0.00	42.16 0.51 0.00	42.76 0.65 0.00	48.14 0.91 0.00	49.04 1.18 0.00	49.90 1.46 0.00	51.50 1.73 0.00	50.10 2.07 0.00	50.29 2.18 0.00	51.48 2.33 0.00	50.08 2.17 0.00	45.07 1.81 0.00
LUTHERNY_35_KV_BK2 355980	44.62 1.55 0.00	36.44 1.22 0.00	31.87 1.13 0.00	31.53 1.06 0.00	31.69 1.10 0.00	40.48 1.52 0.00	48.96 1.80 0.00	51.30 1.83 0.00	33.71 1.05 0.00	34.58 0.81 0.00	32.17 0.39 0.00	35.04 0.33 0.00	35.13 0.29 0.00	42.22 0.57 0.00	42.79 0.68 0.00	48.19 0.96 0.00	49.09 1.23 0.00	49.96 1.52 0.00	51.54 1.77 0.00	50.14 2.11 0.00	50.34 2.23 0.00	51.55 2.41 0.00	50.11 2.20 0.00	45.10 1.83 0.00
LWR___OSWEGATCHIE_HYD 23850	43.89 0.81 0.00	36.02 0.79 0.00	31.41 0.67 0.00	31.09 0.61 0.00	31.37 0.78 0.00	39.91 0.95 0.00	48.20 1.05 0.00	50.37 0.90 0.00	32.87 0.21 0.00	33.67 -0.09 0.00	31.79 0.02 0.00	34.62 -0.08 0.00	34.55 -0.29 0.00	41.09 -0.56 0.00	41.42 -0.69 0.00	46.44 -0.79 0.00	47.07 -0.80 0.00	48.16 -0.28 0.00	50.05 0.28 0.00	48.39 0.36 0.00	48.26 0.15 0.00	49.22 0.07 0.00	48.06 0.15 0.00	43.17 -0.09 0.00
LYONS_FALL_HYD 23570	44.18 1.10 0.00	36.07 0.85 0.00	31.40 0.66 0.00	31.05 0.58 0.00	31.29 0.70 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.27 0.80 0.00	32.78 0.12 0.00	33.59 -0.18 0.00	31.70 -0.08 0.00	34.56 -0.14 0.00	34.55 -0.29 0.00	41.21 -0.45 0.00	41.80 -0.31 0.00	47.07 -0.16 0.00	47.94 0.07 0.00	49.00 0.56 0.00	50.65 0.88 0.00	48.94 0.91 0.00	48.84 0.73 0.00	49.64 0.48 0.00	48.32 0.41 0.00	43.40 0.13 0.00
MADISON___COUNTY_LFGE 323628	43.93 0.85 0.00	35.82 0.59 0.00	31.21 0.47 0.00	30.91 0.44 0.00	31.05 0.46 0.00	39.56 0.60 0.00	47.92 0.76 0.00	50.13 0.66 0.00	32.79 0.13 0.00	33.72 -0.05 0.00	31.73 -0.05 0.00	34.67 -0.04 0.00	34.83 -0.01 0.00	41.67 0.02 0.00	42.27 0.16 0.00	47.76 0.53 0.00	48.61 0.74 0.00	49.62 1.19 0.00	50.99 1.22 0.00	49.15 1.13 0.00	49.20 1.09 0.00	50.10 0.98 0.03	48.77 0.87 0.01	43.97 0.71 0.00
MALONE___115KV_TB1 356076	43.47 0.39 0.00	35.76 0.53 0.00	31.32 0.58 0.00	31.08 0.61 0.00	31.22 0.63 0.00	39.73 0.77 0.00	47.98 0.82 0.00	50.40 0.93 0.00	33.24 0.59 0.00	34.24 0.47 0.00	32.22 0.44 0.00	35.11 0.40 0.00	35.08 0.24 0.00	41.86 0.20 0.00	42.09 -0.01 0.00	47.11 -0.12 0.00	47.75 -0.12 0.00	48.71 0.28 0.00	50.50 0.73 0.00	48.50 0.47 0.00	48.39 0.28 0.00	49.24 0.09 0.00	47.64 -0.28 0.00	42.83 -0.43 0.00
MAPLEWOD_115KV_TB3 80458	43.93 0.85 0.00	35.88 0.66 0.00	31.38 0.64 0.00	31.06 0.59 0.00	31.20 0.61 0.00	39.80 0.84 0.00	48.06 0.90 0.00	50.44 0.97 0.00	33.28 0.63 0.00	34.29 0.52 0.00	32.04 0.27 0.00	34.95 0.25 0.00	35.11 0.27 0.00	42.16 0.51 0.00	42.72 0.61 0.00	47.95 0.72 0.00	48.69 0.82 0.00	49.15 0.71 0.00	50.63 0.87 0.00	49.13 1.10 0.00	49.31 1.20 0.00	50.54 1.39 0.00	49.22 1.31 0.00	44.35 1.09 0.00
MAPLE_RIDGE_WT_1 323574	43.02 -0.06 0.00	35.17 -0.06 0.00	30.58 -0.16 0.00	30.37 -0.10 0.00	30.54 -0.04 0.00	38.83 -0.13 0.00	46.92 -0.24 0.00	49.12 -0.35 0.00	32.34 -0.32 0.00	33.47 -0.31 0.00	31.61 -0.16 0.00	34.46 -0.25 0.00	34.49 -0.34 0.00	41.19 -0.47 0.00	41.70 -0.40 0.00	46.72 -0.51 0.00	47.33 -0.54 0.00	47.95 -0.49 0.00	49.28 -0.49 0.00	47.31 -0.72 0.00	47.21 -0.90 0.00	48.19 -0.96 0.00	46.83 -1.08 0.00	42.30 -0.96 0.00
MAPLE_RIDGE_WT_2 323611	43.02 -0.06 0.00	35.17 -0.06 0.00	30.58 -0.16 0.00	30.37 -0.10 0.00	30.54 -0.04 0.00	38.83 -0.13 0.00	46.92 -0.24 0.00	49.12 -0.35 0.00	32.34 -0.32 0.00	33.47 -0.31 0.00	31.61 -0.16 0.00	34.46 -0.25 0.00	34.49 -0.34 0.00	41.19 -0.47 0.00	41.70 -0.40 0.00	46.72 -0.51 0.00	47.33 -0.54 0.00	47.95 -0.49 0.00	49.28 -0.49 0.00	47.31 -0.72 0.00	47.21 -0.90 0.00	48.19 -0.96 0.00	46.83 -1.08 0.00	42.30 -0.96 0.00
MARBLE_RIVER_WT_PWR 323696	43.19 0.11 0.00	35.50 0.27 0.00	31.08 0.34 0.00	30.83 0.36 0.00	30.96 0.37 0.00	39.42 0.46 0.00	47.64 0.49 0.00	50.02 0.55 0.00	32.98 0.33 0.00	33.99 0.22 0.00	32.01 0.23 0.00	34.90 0.20 0.00	34.90 0.06 0.00	41.66 0.01 0.00	41.95 -0.16 0.00	46.98 -0.25 0.00	47.56 -0.31 0.00	48.38 -0.05 0.00	50.01 0.24 0.00	47.99 -0.04 0.00	47.84 -0.28 0.00	48.72 -0.43 0.00	47.18 -0.73 0.00	42.43 -0.84 0.00
MARSHVLE_115KV_TB1 80742	44.60 1.52 0.00	36.55 1.33 0.00	31.83 1.08 0.00	31.56 1.09 0.00	31.66 1.07 0.00	40.26 1.31 0.00	48.78 1.62 0.00	50.85 1.38 0.00	32.97 0.31 0.00	33.99 0.22 0.00	32.17 0.39 0.00	35.15 0.44 0.00	35.29 0.45 0.00	42.21 0.56 0.00	42.69 0.58 0.00	47.62 0.39 0.00	48.46 0.59 0.00	49.77 1.33 0.00	51.85 2.09 0.00	50.00 1.97 0.00	50.00 1.89 0.00	51.01 1.87 0.00	49.73 1.82 0.00	44.89 1.63 0.00
MARSH_HILL_WT_PWR 323713	41.56 -1.52 0.00	33.33 -1.90 0.00	28.84 -1.90 0.00	28.56 -1.92 0.00	28.53 -2.06 0.00	36.18 -2.78 0.00	43.94 -3.22 0.00	46.34 -3.12 0.00	30.24 -2.42 0.00	31.86 -1.91 0.00	30.03 -1.75 0.00	32.73 -1.98 0.00	33.02 -1.82 0.00	39.23 -2.42 0.00	39.55 -2.56 0.00	45.24 -1.99 0.00	46.40 -1.47 0.00	46.96 -1.47 0.00	47.51 -2.26 0.00	46.11 -2.94 -1.02	44.82 -3.33 -0.03	45.72 -3.51 -0.09	44.40 -3.48 0.03	40.89 -2.38 0.00
MCINTYRE_115KV_TB2 80467	44.15 1.07 0.00	36.44 1.21 0.00	31.88 1.14 0.00	31.60 1.14 0.00	31.81 1.23 0.00	40.49 1.53 0.00	48.92 1.76 0.00	51.31 1.84 0.00	33.46 0.80 0.00	34.32 0.55 0.00	32.35 0.57 0.00	35.21 0.51 0.00	35.20 0.36 0.00	41.91 0.26 0.00	42.04 -0.07 0.00	46.97 -0.26 0.00	47.57 -0.30 0.00	48.55 0.12 0.00	50.67 0.91 0.00	49.03 1.01 0.00	49.03 0.92 0.00	50.16 1.01 0.00	48.91 1.00 0.00	44.08 0.82 0.00

MECO____69_KV_BK1 80468	45.10 2.02 0.00	36.88 1.66 0.00	32.12 1.38 0.00	31.84 1.37 0.00	31.94 1.35 0.00	40.68 1.73 0.00	49.31 2.15 0.00	51.46 1.99 0.00	33.32 0.66 0.00	33.95 0.18 0.00	31.85 0.07 0.00	34.75 0.05 0.00	34.87 0.04 0.00	41.83 0.18 0.00	42.48 0.37 0.00	47.70 0.47 0.00	48.75 0.88 0.00	50.05 1.62 0.00	52.48 2.71 0.00	50.84 2.81 0.00	50.91 2.79 0.00	51.89 2.75 0.00	50.51 2.60 0.00	45.51 2.24 0.00
MENANDS__115KV_TB5 355628	43.69 0.60 0.00	35.69 0.47 0.00	31.23 0.49 0.00	30.91 0.44 0.00	31.05 0.46 0.00	39.60 0.64 0.00	47.80 0.64 0.00	50.19 0.72 0.00	33.15 0.49 0.00	34.17 0.40 0.00	31.94 0.17 0.00	34.84 0.13 0.00	35.01 0.17 0.00	42.03 0.38 0.00	42.57 0.47 0.00	47.75 0.52 0.00	48.46 0.60 0.00	48.88 0.44 0.00	50.30 0.53 0.00	48.81 0.78 0.00	48.99 0.88 0.00	50.22 1.07 0.00	48.93 1.02 0.00	44.08 0.82 0.00
MG INDUSTRY__DRP 24185	43.85 0.77 0.00	35.79 0.56 0.00	31.29 0.55 0.00	31.01 0.54 0.00	31.14 0.55 0.00	39.70 0.74 0.00	47.97 0.81 0.00	50.31 0.84 0.00	33.15 0.50 0.00	34.10 0.33 0.00	31.92 0.15 0.00	34.82 0.12 0.00	34.99 0.15 0.00	42.02 0.36 0.00	42.57 0.46 0.00	47.72 0.49 0.00	48.40 0.54 0.00	48.91 0.48 0.00	50.45 0.68 0.00	48.92 0.89 0.00	49.09 0.98 0.00	50.27 1.12 0.00	49.00 1.09 0.00	44.19 0.93 0.00
MID____OSWEGATCHIE_HYD 23849	43.89 0.81 0.00	36.02 0.79 0.00	31.41 0.67 0.00	31.09 0.61 0.00	31.37 0.78 0.00	39.91 0.95 0.00	48.20 1.05 0.00	50.37 0.90 0.00	32.87 0.21 0.00	33.67 -0.09 0.00	31.79 0.02 0.00	34.62 -0.08 0.00	34.55 -0.29 0.00	41.09 -0.56 0.00	41.42 -0.69 0.00	46.44 -0.79 0.00	47.07 -0.80 0.00	48.16 -0.28 0.00	50.05 0.28 0.00	48.39 0.36 0.00	48.26 0.15 0.00	49.22 0.07 0.00	48.06 0.15 0.00	43.17 -0.09 0.00
MID____RAQUETTE_HYD 23851	43.46 0.38 0.00	35.84 0.62 0.00	31.35 0.61 0.00	31.07 0.60 0.00	31.33 0.74 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.52 1.05 0.00	33.15 0.49 0.00	34.06 0.28 0.00	32.11 0.34 0.00	34.98 0.28 0.00	34.95 0.12 0.00	41.59 -0.06 0.00	41.66 -0.45 0.00	46.56 -0.67 0.00	46.90 -0.97 0.00	47.84 -0.59 0.00	49.69 -0.08 0.00	47.93 -0.09 0.00	47.89 -0.22 0.00	49.14 -0.01 0.00	48.07 0.16 0.00	43.30 0.03 0.00
MILLIKEN__1 23584	43.27 0.18 0.00	35.24 0.01 0.00	30.68 -0.06 0.00	30.43 -0.04 0.00	30.51 -0.08 0.00	38.86 -0.09 0.00	47.10 -0.06 0.00	49.33 -0.14 0.00	32.34 -0.32 0.00	33.32 -0.45 0.00	31.37 -0.40 0.00	34.26 -0.44 0.00	34.50 -0.34 0.00	41.21 -0.44 0.00	41.80 -0.30 0.00	47.24 0.01 0.00	48.19 0.32 0.00	49.01 0.57 0.00	50.30 0.53 0.00	48.49 0.38 -0.08	48.44 0.33 0.00	49.30 0.16 0.01	48.10 0.20 0.01	43.50 0.23 0.00
MILLIKEN__2 23585	43.27 0.18 0.00	35.24 0.01 0.00	30.68 -0.06 0.00	30.43 -0.04 0.00	30.51 -0.08 0.00	38.86 -0.09 0.00	47.10 -0.06 0.00	49.33 -0.14 0.00	32.34 -0.32 0.00	33.32 -0.45 0.00	31.37 -0.40 0.00	34.26 -0.44 0.00	34.50 -0.34 0.00	41.21 -0.44 0.00	41.80 -0.30 0.00	47.24 0.01 0.00	48.19 0.32 0.00	49.01 0.57 0.00	50.30 0.53 0.00	48.49 0.38 -0.08	48.44 0.33 0.00	49.30 0.16 0.01	48.10 0.20 0.01	43.50 0.23 0.00
MILLIKEN__DIESEL 23629	43.27 0.18 0.00	35.24 0.01 0.00	30.68 -0.06 0.00	30.43 -0.04 0.00	30.51 -0.08 0.00	38.86 -0.09 0.00	47.10 -0.06 0.00	49.33 -0.14 0.00	32.34 -0.32 0.00	33.32 -0.45 0.00	31.37 -0.40 0.00	34.26 -0.44 0.00	34.50 -0.34 0.00	41.21 -0.44 0.00	41.80 -0.30 0.00	47.24 0.01 0.00	48.19 0.32 0.00	49.01 0.57 0.00	50.30 0.53 0.00	48.49 0.38 -0.08	48.44 0.33 0.00	49.30 0.16 0.01	48.10 0.20 0.01	43.50 0.23 0.00
MILLSEAT____LFGE 323607	41.74 -1.34 0.00	33.62 -1.61 0.00	29.32 -1.43 0.00	29.02 -1.45 0.00	29.04 -1.55 0.00	37.10 -1.86 0.00	45.28 -1.87 0.00	48.12 -1.35 0.00	31.51 -1.14 0.00	33.21 -0.56 0.00	31.15 -0.62 0.00	34.05 -0.65 0.00	34.12 -0.72 0.00	40.25 -1.41 0.00	40.63 -1.47 0.00	45.93 -1.30 0.00	47.19 -0.68 0.00	48.18 -0.26 0.00	49.18 -0.58 0.00	46.98 -0.88 0.17	47.30 -0.80 0.01	47.91 -1.06 0.18	46.78 -1.08 0.05	42.59 -0.67 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.09 2.02 0.00	36.65 1.42 0.00	31.86 1.11 0.00	31.51 1.04 0.00	31.61 1.03 0.00	40.18 1.22 0.00	48.71 1.55 0.00	51.08 1.61 0.00	34.12 1.47 0.00	35.42 1.65 0.00	33.53 1.76 0.00	36.83 2.12 0.00	37.30 2.46 0.00	44.79 3.14 0.00	45.26 3.15 0.00	50.53 3.29 0.00	50.90 3.03 0.00	51.07 2.64 0.00	52.12 2.35 0.00	50.31 2.28 0.00	50.40 2.29 0.00	51.63 2.48 0.00	50.65 2.74 0.00	45.68 2.42 0.00
MILLWOOD_13_KV_LOAD 356217	45.19 2.11 0.00	36.72 1.50 0.00	31.92 1.17 0.00	31.57 1.10 0.00	31.66 1.07 0.00	40.24 1.28 0.00	48.79 1.64 0.00	51.18 1.71 0.00	34.18 1.53 0.00	35.49 1.71 0.00	33.59 1.81 0.00	36.88 2.18 0.00	37.37 2.53 0.00	44.88 3.22 0.00	45.35 3.24 0.00	50.64 3.41 0.00	51.03 3.16 0.00	51.22 2.78 0.00	52.26 2.49 0.00	50.45 2.42 0.00	50.51 2.40 0.00	51.76 2.61 0.00	50.77 2.86 0.00	45.78 2.52 0.00
MODEL_CITY_ENERGY 24167	39.98 -3.10 0.00	32.14 -3.09 0.00	28.06 -2.68 0.00	27.81 -2.66 0.00	27.82 -2.77 0.00	35.55 -3.41 0.00	43.41 -3.75 0.00	46.27 -3.20 0.00	30.52 -2.14 0.00	32.47 -1.30 0.00	30.54 -1.23 0.00	33.44 -1.27 0.00	33.41 -1.43 0.00	39.24 -2.41 0.00	39.50 -2.61 0.00	44.26 -2.97 0.00	44.68 -3.19 0.00	45.50 -2.94 0.00	46.41 -3.36 0.00	44.21 -3.57 0.25	44.60 -3.50 0.01	45.29 -3.68 0.19	44.31 -3.55 0.05	40.50 -2.77 0.00
MODERN_LFGE__ 323580	39.98 -3.10 0.00	32.14 -3.09 0.00	28.06 -2.68 0.00	27.81 -2.66 0.00	27.82 -2.77 0.00	35.55 -3.41 0.00	43.41 -3.75 0.00	46.27 -3.20 0.00	30.52 -2.14 0.00	32.47 -1.30 0.00	30.54 -1.23 0.00	33.44 -1.27 0.00	33.41 -1.43 0.00	39.24 -2.41 0.00	39.50 -2.61 0.00	44.26 -2.97 0.00	44.68 -3.19 0.00	45.50 -2.94 0.00	46.41 -3.36 0.00	44.21 -3.57 0.25	44.60 -3.50 0.01	45.29 -3.68 0.19	44.31 -3.55 0.05	40.50 -2.77 0.00
MOHAWK_PAPER__DRP 24187	43.93 0.85 0.00	35.88 0.66 0.00	31.38 0.64 0.00	31.06 0.59 0.00	31.20 0.61 0.00	39.80 0.84 0.00	48.06 0.90 0.00	50.44 0.97 0.00	33.28 0.63 0.00	34.29 0.52 0.00	32.04 0.27 0.00	34.95 0.25 0.00	35.11 0.27 0.00	42.16 0.51 0.00	42.72 0.61 0.00	47.95 0.72 0.00	48.69 0.82 0.00	49.15 0.71 0.00	50.63 0.87 0.00	49.13 1.10 0.00	49.31 1.20 0.00	50.54 1.39 0.00	49.22 1.31 0.00	44.35 1.09 0.00
MOHICAN__35_KV_115KV_LD 80490	44.89 1.81 0.00	36.65 1.43 0.00	32.08 1.34 0.00	31.77 1.30 0.00	31.93 1.34 0.00	40.81 1.86 0.00	49.39 2.23 0.00	51.72 2.25 0.00	33.85 1.19 0.00	34.58 0.81 0.00	31.85 0.08 0.00	34.60 -0.11 0.00	34.54 -0.30 0.00	41.53 -0.13 0.00	42.22 0.11 0.00	47.67 0.44 0.00	48.75 0.88 0.00	50.08 1.65 0.00	51.80 2.03 0.00	50.74 2.71 0.00	51.01 2.90 0.00	52.07 2.92 0.00	50.54 2.62 0.00	45.34 2.07 0.00

MONGAUP___HYD 23641	45.07 1.99 0.00	36.74 1.51 0.00	31.87 1.12 0.00	31.60 1.13 0.00	31.61 1.02 0.00	40.20 1.24 0.00	48.75 1.59 0.00	51.09 1.62 0.00	33.80 1.14 0.00	34.83 1.06 0.00	32.88 1.10 0.00	36.06 1.35 0.00	36.46 1.62 0.00	43.75 2.09 0.00	44.21 2.10 0.00	49.44 2.21 0.00	50.15 2.29 0.00	50.94 2.51 0.00	52.36 2.59 0.00	50.90 2.87 0.00	50.99 2.88 0.00	51.85 2.70 0.00	50.68 2.77 0.00	45.67 2.41 0.00
MONTAUK___DIESEL 23721	46.49 3.42 0.00	37.73 2.50 0.00	33.34 2.60 0.00	32.94 2.47 0.00	33.18 2.59 0.00	41.52 2.56 0.00	49.89 2.73 0.00	52.32 2.86 0.00	35.28 2.63 0.00	36.71 2.94 0.00	34.62 2.84 0.00	38.14 3.43 0.00	38.76 3.92 0.00	46.83 5.17 0.00	47.76 5.59 -0.06	53.44 6.21 0.00	54.35 6.18 -0.30	54.45 5.77 -0.24	54.89 5.12 0.00	52.98 4.95 0.00	52.72 4.60 0.00	53.49 4.34 0.00	52.22 4.31 0.00	46.88 3.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	41.25 -1.83 0.00	33.26 -1.97 0.00	28.81 -1.93 0.00	28.62 -1.85 0.00	28.53 -2.06 0.00	36.51 -2.45 0.00	44.88 -2.28 0.00	47.43 -2.04 0.00	31.18 -1.47 0.00	33.19 -0.58 0.00	31.57 -0.20 0.00	34.66 -0.05 0.00	34.70 -0.14 0.00	41.23 -0.42 0.00	41.22 -0.89 0.00	46.67 -0.56 0.00	46.71 -1.16 0.00	47.35 -1.09 0.00	48.01 -1.76 0.00	45.37 -2.44 0.22	45.48 -2.63 0.01	46.59 -2.39 0.16	45.92 -1.94 0.05	42.05 -1.22 0.00
MORRIS RIDGE___SOLAR 323848	41.26 -1.82 0.00	33.20 -2.03 0.00	28.82 -1.93 0.00	28.58 -1.89 0.00	28.57 -2.02 0.00	36.45 -2.50 0.00	44.38 -2.78 0.00	46.81 -2.66 0.00	30.49 -2.17 0.00	32.06 -1.71 0.00	30.26 -1.52 0.00	33.14 -1.56 0.00	33.30 -1.54 0.00	39.45 -2.20 0.00	39.73 -2.38 0.00	45.18 -2.05 0.00	46.06 -1.81 0.00	46.71 -1.73 0.00	47.29 -2.48 0.00	43.70 -2.87 1.46	45.04 -3.03 0.04	45.62 -3.16 0.36	44.89 -2.99 0.04	41.01 -2.26 0.00
MORTIMER_115KV_TB3 55949	41.67 -1.41 0.00	33.76 -1.47 0.00	29.41 -1.33 0.00	29.14 -1.33 0.00	29.18 -1.41 0.00	37.26 -1.70 0.00	45.37 -1.79 0.00	47.99 -1.48 0.00	31.57 -1.09 0.00	33.23 -0.54 0.00	31.29 -0.48 0.00	34.28 -0.43 0.00	34.39 -0.45 0.00	40.77 -0.89 0.00	41.13 -0.98 0.00	46.35 -0.88 0.00	47.04 -0.83 0.00	47.81 -0.62 0.00	48.89 -0.88 0.00	46.89 -1.14 0.00	47.05 -1.07 0.00	47.67 -1.32 0.15	46.57 -1.29 0.05	42.34 -0.92 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	45.42 2.33 0.00	36.91 1.68 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.85 0.00	34.36 1.70 0.00	35.69 1.92 0.00	33.81 2.03 0.00	37.16 2.45 0.00	37.65 2.81 0.00	45.21 3.56 0.00	45.71 3.60 0.00	50.97 3.74 0.00	51.19 3.32 0.00	51.20 2.76 0.00	52.23 2.45 0.00	50.41 2.38 0.00	50.47 2.36 0.00	51.84 2.69 0.00	50.99 3.08 0.00	46.01 2.75 0.00
MUNSVILLE_WIND_PWR 323609	45.58 2.51 0.00	37.06 1.84 0.00	32.17 1.43 0.00	31.81 1.34 0.00	31.81 1.22 0.00	40.54 1.58 0.00	48.70 1.55 0.00	50.47 1.00 0.00	32.72 0.06 0.00	33.15 -0.62 0.00	31.38 -0.39 0.00	34.57 -0.14 0.00	34.92 0.08 0.00	41.90 0.24 0.00	42.38 0.27 0.00	48.26 1.03 0.00	49.87 2.01 0.00	51.51 3.08 0.00	52.68 2.91 0.00	49.84 1.75 -0.06	49.32 1.21 0.00	49.91 0.78 0.02	48.74 0.84 0.01	43.93 0.67 0.00
N SALMON___HYD 24042	43.47 0.38 0.00	35.76 0.53 0.00	31.32 0.58 0.00	31.08 0.61 0.00	31.22 0.63 0.00	39.73 0.77 0.00	47.97 0.81 0.00	50.40 0.93 0.00	33.24 0.58 0.00	34.24 0.47 0.00	32.22 0.44 0.00	35.11 0.40 0.00	35.08 0.24 0.00	41.86 0.21 0.00	42.09 -0.01 0.00	47.11 -0.12 0.00	47.75 -0.12 0.00	48.71 0.27 0.00	50.50 0.73 0.00	48.50 0.47 0.00	48.39 0.28 0.00	49.24 0.09 0.00	47.64 -0.28 0.00	42.83 -0.43 0.00
N.AKRON___115KV_KNAPP 355671	41.26 -1.82 0.00	33.21 -2.02 0.00	28.97 -1.77 0.00	28.69 -1.78 0.00	28.70 -1.89 0.00	36.67 -2.29 0.00	44.79 -2.37 0.00	47.61 -1.85 0.00	31.28 -1.37 0.00	33.08 -0.69 0.00	31.07 -0.70 0.00	33.98 -0.72 0.00	34.01 -0.83 0.00	40.07 -1.58 0.00	40.43 -1.68 0.00	45.56 -1.67 0.00	46.46 -1.41 0.00	47.38 -1.05 0.00	48.35 -1.42 0.00	46.12 -1.71 0.20	46.48 -1.63 0.01	47.11 -1.86 0.18	46.05 -1.81 0.05	41.99 -1.28 0.00
N.BELMOR_69_KV_BK1 55787	45.62 2.54 0.00	37.03 1.80 0.00	32.27 1.53 0.00	31.87 1.40 0.00	31.99 1.40 0.00	40.48 1.53 0.00	49.06 1.90 0.00	51.45 1.98 0.00	34.54 1.88 0.00	35.84 2.07 0.00	33.92 2.15 0.00	37.36 2.66 0.00	37.96 3.12 0.00	45.67 4.01 0.00	46.35 4.18 -0.06	51.64 4.41 0.00	52.27 4.10 -0.30	52.30 3.62 -0.24	52.82 3.05 0.00	51.03 3.00 0.00	50.98 2.87 0.00	52.16 3.01 0.00	51.19 3.28 0.00	46.19 2.92 0.00
N.E._GEN_SANDY PD 24062	44.29 1.21 0.00	36.12 0.89 0.00	31.60 0.86 0.00	31.24 0.77 0.00	31.39 0.80 0.00	40.08 1.13 0.00	48.49 1.33 0.00	50.90 1.43 0.00	33.67 1.02 0.00	35.68 0.96 -0.96	31.35 0.61 1.04	35.70 0.67 -0.33	34.66 0.70 0.88	43.26 1.03 -0.57	41.43 1.04 1.71	48.36 1.13 0.00	49.21 1.19 -0.15	49.37 0.93 0.00	50.64 0.93 0.06	49.61 1.27 -0.32	49.52 1.45 0.04	52.48 1.81 -1.52	47.49 1.74 2.15	42.24 1.44 2.46
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.03 1.95 0.00	36.58 1.36 0.00	31.80 1.05 0.00	31.45 0.98 0.00	31.56 0.97 0.00	40.11 1.16 0.00	48.64 1.48 0.00	51.01 1.55 0.00	34.06 1.41 0.00	35.35 1.58 0.00	33.49 1.72 0.00	36.82 2.11 0.00	37.32 2.48 0.00	44.83 3.18 0.00	45.29 3.19 0.00	50.59 3.36 0.00	51.01 3.14 0.00	51.18 2.74 0.00	52.22 2.45 0.00	50.37 2.34 0.00	50.43 2.32 0.00	51.63 2.48 0.00	50.65 2.74 0.00	45.68 2.42 0.00
N.QUEENS_27_KV_LOAD 356247	45.39 2.31 0.00	36.93 1.70 0.00	32.03 1.29 0.00	31.70 1.23 0.00	31.77 1.18 0.00	40.30 1.34 0.00	48.80 1.64 0.00	51.07 1.61 0.00	34.39 1.73 0.00	35.69 1.92 0.00	33.81 2.03 0.00	37.13 2.43 0.00	37.67 2.83 0.00	45.17 3.51 0.00	45.70 3.59 0.00	50.88 3.65 0.00	51.14 3.27 0.00	51.12 2.69 0.00	52.17 2.41 0.01	50.30 2.27 0.00	50.38 2.27 0.00	51.71 2.56 0.00	50.94 3.03 0.00	46.09 2.83 0.00
N.TROY___115KV_TB1 355778	44.16 1.09 0.00	36.06 0.84 0.00	31.57 0.82 0.00	31.24 0.76 0.00	31.38 0.79 0.00	40.07 1.12 0.00	48.45 1.29 0.00	50.82 1.35 0.00	33.49 0.83 0.00	34.44 0.67 0.00	32.06 0.29 0.00	34.94 0.23 0.00	35.04 0.21 0.00	42.10 0.45 0.00	42.64 0.53 0.00	47.91 0.68 0.00	48.68 0.81 0.00	49.21 0.78 0.00	50.70 0.93 0.00	49.30 1.28 0.00	49.52 1.41 0.00	50.83 1.68 0.00	49.45 1.53 0.00	44.53 1.27 0.00
NARROWS_GT1_1 24228	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00

NARROWS_GT1_2 24229	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT1_3 24230	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT1_4 24231	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT1_5 24232	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT1_6 24233	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT1_7 24234	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT1_8 24235	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_1 24236	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_2 24237	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_3 24238	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_4 24239	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_5 24240	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_6 24241	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_7 24242	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NARROWS_GT2_8 24243	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.17 2.73 0.00	52.21 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00

NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	44.34 1.26 0.00	36.18 0.95 0.00	31.61 0.86 0.00	31.31 0.83 0.00	31.44 0.85 0.00	40.10 1.14 0.00	48.46 1.31 0.00	50.92 1.45 0.00	33.48 0.82 0.00	34.33 0.56 0.00	32.06 0.28 0.00	34.97 0.27 0.00	35.16 0.32 0.00	42.24 0.58 0.00	42.80 0.69 0.00	48.04 0.82 0.00	48.86 0.99 0.00	49.44 1.01 0.00	51.30 1.53 0.00	49.93 1.90 0.00	50.09 1.98 0.00	51.23 2.08 0.00	49.85 1.93 0.00	44.84 1.58 0.00
NCHELSEA_115KV_TR2 355582	45.27 2.19 0.00	36.80 1.57 0.00	32.00 1.25 0.00	31.64 1.17 0.00	31.75 1.16 0.00	40.38 1.42 0.00	48.97 1.81 0.00	51.35 1.88 0.00	34.22 1.57 0.00	35.49 1.72 0.00	33.53 1.76 0.00	36.80 2.10 0.00	37.24 2.41 0.00	44.77 3.12 0.00	45.22 3.12 0.00	50.58 3.35 0.00	51.12 3.25 0.00	51.42 2.98 0.00	52.54 2.77 0.00	50.76 2.73 0.00	50.84 2.72 0.00	52.03 2.88 0.00	50.94 3.02 0.00	45.89 2.62 0.00
NEG CAPITAL___MECHNVIL 23645	44.70 1.62 0.00	36.49 1.27 0.00	31.92 1.18 0.00	31.57 1.10 0.00	31.73 1.14 0.00	40.52 1.56 0.00	49.00 1.85 0.00	51.37 1.91 0.00	33.77 1.11 0.00	34.67 0.90 0.00	32.23 0.46 0.00	35.12 0.41 0.00	35.20 0.36 0.00	42.32 0.67 0.00	42.91 0.81 0.00	48.31 1.08 0.00	49.23 1.36 0.00	50.02 1.59 0.00	51.62 1.85 0.00	50.20 2.18 0.00	50.41 2.30 0.00	51.62 2.47 0.00	50.19 2.28 0.00	45.17 1.90 0.00
NEG CENTRAL_HIGH_ACRES 23767	41.18 -1.89 0.00	33.40 -1.82 0.00	29.12 -1.62 0.00	28.86 -1.61 0.00	28.91 -1.68 0.00	36.90 -2.06 0.00	44.89 -2.27 0.00	47.39 -2.08 0.00	31.18 -1.48 0.00	32.68 -1.09 0.00	30.76 -1.02 0.00	33.70 -1.00 0.00	33.81 -1.02 0.00	40.19 -1.47 0.00	40.58 -1.53 0.00	45.74 -1.49 0.00	46.44 -1.42 0.00	47.20 -1.23 0.00	48.29 -1.48 0.00	46.36 -1.67 0.00	46.50 -1.62 0.00	47.13 -1.89 0.13	46.02 -1.85 0.05	41.81 -1.46 0.00
NEG CENTRAL___DRP 24199	42.51 -0.57 0.00	34.58 -0.64 0.00	30.11 -0.63 0.00	29.87 -0.60 0.00	29.93 -0.66 0.00	38.17 -0.79 0.00	46.27 -0.89 0.00	48.55 -0.91 0.00	31.90 -0.76 0.00	33.07 -0.70 0.00	31.14 -0.64 0.00	34.05 -0.66 0.00	34.25 -0.59 0.00	40.88 -0.78 0.00	41.32 -0.79 0.00	46.66 -0.57 0.00	47.54 -0.33 0.00	48.29 -0.14 0.00	49.45 -0.32 0.00	47.67 -0.45 -0.10	47.59 -0.52 0.00	48.41 -0.71 0.03	47.25 -0.64 0.02	42.86 -0.40 0.00
NEG CENTRAL___INDECK 23768	42.62 -0.46 0.00	34.37 -0.86 0.00	29.87 -0.87 0.00	29.61 -0.85 0.00	29.62 -0.98 0.00	37.79 -1.17 0.00	46.03 -1.12 0.00	48.67 -0.79 0.00	31.56 -1.10 0.00	32.87 -0.90 0.00	31.02 -0.76 0.00	34.02 -0.69 0.00	34.24 -0.60 0.00	40.45 -1.20 0.00	40.86 -1.24 0.00	46.74 -0.49 0.00	47.73 -0.14 0.00	48.76 0.33 0.00	49.77 0.00 -1.04	48.70 -0.37 -0.03	47.73 -0.42 -0.06	48.56 -0.66 0.04	47.18 -0.69 0.00	42.93 -0.33 0.00
NEG CENTRAL___SENECA 23627	42.46 -0.62 0.00	34.48 -0.74 0.00	30.01 -0.73 0.00	29.78 -0.69 0.00	29.83 -0.76 0.00	38.04 -0.92 0.00	46.09 -1.06 0.00	48.38 -1.08 0.00	31.78 -0.87 0.00	33.01 -0.76 0.00	31.07 -0.70 0.00	34.01 -0.70 0.00	34.21 -0.63 0.00	40.83 -0.83 0.00	41.21 -0.90 0.00	46.60 -0.63 0.00	47.50 -0.36 0.00	48.33 -0.10 0.00	49.36 -0.41 0.00	47.62 -0.57 -0.15	47.45 -0.66 0.00	48.21 -0.88 0.06	47.08 -0.80 0.03	42.79 -0.48 0.00
NEG CENTRAL___STATE_STREET 24147	42.79 -0.28 0.00	34.86 -0.37 0.00	30.37 -0.37 0.00	30.12 -0.35 0.00	30.22 -0.37 0.00	38.50 -0.45 0.00	46.69 -0.47 0.00	48.97 -0.50 0.00	32.14 -0.52 0.00	33.31 -0.46 0.00	31.38 -0.39 0.00	34.23 -0.48 0.00	34.47 -0.37 0.00	41.17 -0.48 0.00	41.70 -0.41 0.00	47.07 -0.16 0.00	47.93 0.06 0.00	48.50 0.06 0.00	49.86 0.09 0.00	48.04 0.01 0.00	48.07 -0.05 0.00	48.95 -0.20 0.00	47.78 -0.13 0.00	43.26 -0.01 0.00
NEG MILLWOOD___DRP 24198	45.38 2.30 0.00	36.88 1.65 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.22 0.00	40.44 1.48 0.00	49.05 1.89 0.00	51.44 1.98 0.00	34.33 1.67 0.00	35.64 1.87 0.00	33.69 1.92 0.00	36.98 2.27 0.00	37.43 2.59 0.00	44.98 3.32 0.00	45.45 3.34 0.00	50.77 3.54 0.00	51.24 3.38 0.00	51.49 3.06 0.00	52.64 2.87 0.00	50.84 2.80 0.00	50.92 2.80 0.00	52.11 2.96 0.00	51.04 3.13 0.00	46.00 2.73 0.00
NEG NORTH_FLCN_SEA 23793	43.63 0.55 0.00	35.82 0.59 0.00	31.41 0.67 0.00	31.15 0.68 0.00	31.29 0.70 0.00	39.87 0.90 0.00	48.17 1.01 0.00	50.53 1.06 0.00	33.26 0.60 0.00	34.27 0.50 0.00	32.23 0.45 0.00	35.17 0.46 0.00	35.17 0.33 0.00	41.98 0.33 0.00	42.23 0.13 0.00	47.39 0.16 0.00	48.01 0.14 0.00	48.82 0.38 0.00	50.57 0.80 0.00	48.57 0.54 0.00	48.38 0.27 0.00	49.28 0.13 0.00	47.68 -0.23 0.00	42.79 -0.47 0.00
NEG NORTH_KES_CHATEGAY 23792	43.20 0.12 0.00	35.51 0.28 0.00	31.10 0.35 0.00	30.85 0.38 0.00	30.98 0.39 0.00	39.43 0.47 0.00	47.66 0.50 0.00	50.03 0.56 0.00	32.95 0.30 0.00	33.96 0.19 0.00	31.98 0.20 0.00	34.87 0.17 0.00	34.86 0.02 0.00	41.61 -0.04 0.00	41.90 -0.21 0.00	46.90 -0.34 0.00	47.47 -0.40 0.00	48.31 -0.12 0.00	49.99 0.22 0.00	48.00 -0.02 0.00	47.87 -0.24 0.00	48.75 -0.40 0.00	47.22 -0.69 0.00	42.48 -0.78 0.00
NEG NORTH___ALICE_FALLS 23915	43.67 0.59 0.00	35.88 0.66 0.00	31.46 0.72 0.00	31.21 0.74 0.00	31.34 0.75 0.00	39.92 0.96 0.00	48.22 1.06 0.00	50.59 1.12 0.00	33.27 0.61 0.00	34.27 0.50 0.00	32.24 0.47 0.00	35.16 0.46 0.00	35.16 0.32 0.00	41.97 0.31 0.00	42.21 0.10 0.00	47.34 0.11 0.00	47.96 0.09 0.00	48.87 0.43 0.00	50.65 0.89 0.00	48.68 0.65 0.00	48.52 0.41 0.00	49.39 0.24 0.00	47.78 -0.13 0.00	42.89 -0.37 0.00
NEG NORTH___LWR_SARANAC 23913	43.67 0.59 0.00	35.88 0.66 0.00	31.46 0.72 0.00	31.21 0.74 0.00	31.34 0.75 0.00	39.92 0.96 0.00	48.22 1.06 0.00	50.59 1.12 0.00	33.27 0.61 0.00	34.27 0.50 0.00	32.24 0.47 0.00	35.16 0.46 0.00	35.16 0.32 0.00	41.97 0.31 0.00	42.21 0.10 0.00	47.34 0.11 0.00	47.96 0.09 0.00	48.87 0.43 0.00	50.65 0.89 0.00	48.68 0.65 0.00	48.52 0.41 0.00	49.39 0.24 0.00	47.78 -0.13 0.00	42.89 -0.37 0.00
NEG NORTH___PLATTSBURG 23628	43.67 0.59 0.00	35.88 0.66 0.00	31.46 0.72 0.00	31.21 0.74 0.00	31.34 0.75 0.00	39.92 0.96 0.00	48.22 1.06 0.00	50.59 1.12 0.00	33.27 0.61 0.00	34.27 0.50 0.00	32.24 0.47 0.00	35.16 0.46 0.00	35.16 0.32 0.00	41.96 0.31 0.00	42.21 0.10 0.00	47.34 0.11 0.00	47.96 0.09 0.00	48.87 0.43 0.00	50.65 0.89 0.00	48.68 0.65 0.00	48.52 0.41 0.00	49.39 0.24 0.00	47.78 -0.13 0.00	42.89 -0.37 0.00
NEG WEST_LEA_LOCKPORT 23791	40.39 -2.69 0.00	32.49 -2.74 0.00	28.34 -2.40 0.00	28.08 -2.39 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.86 -3.30 0.00	46.68 -2.79 0.00	30.77 -1.89 0.00	32.74 -1.03 0.00	30.81 -0.96 0.00	33.72 -0.98 0.00	33.71 -1.12 0.00	39.64 -2.01 0.00	39.89 -2.22 0.00	44.74 -2.49 0.00	45.18 -2.69 0.00	46.02 -2.41 0.00	46.94 -2.83 0.00	44.66 -3.11 0.25	45.09 -3.01 0.01	45.73 -3.23 0.19	44.79 -3.07 0.05	40.94 -2.32 0.00

NEG WEST__LANCASTR 23811	40.90 -2.18 0.00	32.97 -2.26 0.00	28.71 -2.04 0.00	28.45 -2.02 0.00	28.43 -2.16 0.00	36.35 -2.61 0.00	44.40 -2.76 0.00	47.15 -2.32 0.00	31.07 -1.59 0.00	33.08 -0.69 0.00	31.18 -0.59 0.00	34.22 -0.49 0.00	34.24 -0.59 0.00	40.36 -1.29 0.00	40.57 -1.54 0.00	45.64 -1.59 0.00	46.05 -1.82 0.00	46.91 -1.53 0.00	47.74 -2.03 0.00	45.36 -2.34 0.32	45.86 -2.24 0.01	46.42 -2.54 0.19	45.36 -2.51 0.05	41.41 -1.85 0.00
NEG_PENN_ALLEGHNY 23528	42.90 -0.18 0.00	34.97 -0.26 0.00	30.45 -0.29 0.00	30.21 -0.25 0.00	30.29 -0.30 0.00	38.60 -0.36 0.00	46.80 -0.36 0.00	48.97 -0.50 0.00	32.23 -0.43 0.00	33.44 -0.33 0.00	31.56 -0.22 0.00	34.50 -0.21 0.00	34.71 -0.12 0.00	41.52 -0.13 0.00	41.87 -0.24 0.00	47.23 0.00 0.00	47.95 0.08 0.00	48.53 0.10 0.00	49.60 -0.18 0.00	47.76 -0.27 0.00	47.84 -0.28 0.00	48.68 -0.44 0.04	47.60 -0.30 0.01	43.10 -0.17 0.00
NEG__GEN_MONROE 24207	41.88 -1.20 0.00	33.88 -1.35 0.00	29.52 -1.22 0.00	29.24 -1.23 0.00	29.27 -1.32 0.00	37.39 -1.57 0.00	45.55 -1.60 0.00	48.22 -1.25 0.00	31.66 -0.99 0.00	33.39 -0.38 0.00	31.33 -0.44 0.00	34.28 -0.43 0.00	34.39 -0.45 0.00	40.77 -0.89 0.00	41.08 -1.03 0.00	46.40 -0.84 0.00	47.26 -0.61 0.00	48.10 -0.34 0.00	49.20 -0.57 0.00	47.19 -0.84 0.00	47.35 -0.76 0.00	47.98 -1.02 0.15	46.83 -1.02 0.05	42.60 -0.67 0.00
NEPA__ENERGY 23901	41.16 -1.92 0.00	33.35 -1.88 0.00	28.95 -1.79 0.00	28.76 -1.71 0.00	28.75 -1.84 0.00	36.77 -2.19 0.00	44.90 -2.26 0.00	47.24 -2.23 0.00	31.03 -1.63 0.00	32.86 -0.92 0.00	31.17 -0.61 0.00	34.14 -0.56 0.00	34.32 -0.52 0.00	40.80 -0.85 0.00	40.70 -1.41 0.00	46.03 -1.20 0.00	46.36 -1.51 0.00	47.10 -1.34 0.00	47.76 -2.01 0.00	45.39 -2.37 0.27	45.78 -2.32 0.01	46.29 -2.68 0.17	45.55 -2.32 0.05	41.62 -1.65 0.00
NEVERSINK__HYD 23608	44.15 1.07 0.00	35.91 0.68 0.00	31.21 0.47 0.00	30.89 0.42 0.00	30.99 0.40 0.00	39.42 0.46 0.00	47.81 0.66 0.00	50.14 0.67 0.00	33.34 0.69 0.00	34.51 0.74 0.00	32.58 0.80 0.00	35.70 1.00 0.00	36.15 1.32 0.00	43.51 1.86 0.00	43.90 1.79 0.00	49.14 1.91 0.00	49.82 1.95 0.00	50.26 1.82 0.00	51.46 1.70 0.00	49.67 1.64 0.00	49.72 1.61 0.00	50.84 1.69 0.00	49.76 1.85 0.00	44.83 1.57 0.00
NEWKRMKL_115KV_TB1 55635	43.50 0.42 0.00	35.54 0.31 0.00	31.09 0.34 0.00	30.78 0.31 0.00	30.92 0.33 0.00	39.41 0.46 0.00	47.54 0.38 0.00	49.95 0.49 0.00	32.98 0.33 0.00	34.01 0.24 0.00	31.82 0.04 0.00	34.71 0.00 0.00	34.89 0.05 0.00	41.87 0.22 0.00	42.45 0.34 0.00	47.62 0.39 0.00	48.32 0.45 0.00	48.73 0.30 0.00	50.17 0.40 0.00	48.64 0.62 0.00	48.81 0.69 0.00	50.01 0.86 0.00	48.72 0.81 0.00	43.91 0.64 0.00
NEWTON__FALLS_HYD 23847	43.89 0.81 0.00	36.02 0.79 0.00	31.41 0.67 0.00	31.09 0.61 0.00	31.37 0.78 0.00	39.91 0.95 0.00	48.20 1.05 0.00	50.37 0.90 0.00	32.87 0.21 0.00	33.67 -0.09 0.00	31.79 0.02 0.00	34.62 -0.08 0.00	34.55 -0.29 0.00	41.09 -0.56 0.00	41.42 -0.69 0.00	46.44 -0.79 0.00	47.07 -0.80 0.00	48.16 -0.28 0.00	50.05 0.28 0.00	48.39 0.36 0.00	48.26 0.15 0.00	49.22 0.07 0.00	48.06 0.15 0.00	43.17 -0.09 0.00
NGRID_A1_DSASP 323792	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
NGRID_A2_DSASP 323793	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
NGRID_A4_DSASP 323807	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
NIAGARA_115E_LBMP 323715	39.76 -3.32 0.00	31.95 -3.28 0.00	27.91 -2.83 0.00	27.67 -2.80 0.00	27.67 -2.92 0.00	35.37 -3.59 0.00	43.17 -3.98 0.00	46.02 -3.45 0.00	30.38 -2.27 0.00	32.33 -1.44 0.00	30.42 -1.36 0.00	33.30 -1.41 0.00	33.25 -1.58 0.00	39.05 -2.61 0.00	39.30 -2.81 0.00	43.99 -3.24 0.00	44.36 -3.51 0.00	45.18 -3.26 0.00	46.10 -3.66 0.00	43.92 -3.85 0.25	44.30 -3.80 0.01	45.00 -3.96 0.19	44.02 -3.84 0.05	40.24 -3.02 0.00
NIAGARA_115W_LBMP 323714	39.99 -3.09 0.00	32.19 -3.04 0.00	27.97 -2.77 0.00	27.67 -2.81 0.00	27.67 -2.92 0.00	35.49 -3.47 0.00	43.43 -3.73 0.00	46.27 -3.20 0.00	30.53 -2.13 0.00	32.60 -1.17 0.00	30.69 -1.09 0.00	33.61 -1.09 0.00	33.57 -1.27 0.00	39.21 -2.45 0.00	39.35 -2.76 0.00	44.02 -3.21 0.00	44.32 -3.54 0.00	45.13 -3.30 0.00	46.06 -3.71 0.00	43.78 -4.00 0.25	44.28 -3.83 0.01	44.91 -4.05 0.19	44.16 -3.70 0.05	40.50 -2.77 0.00
NIAGARA_230_LBMP 323716	40.15 -2.93 0.00	32.35 -2.88 0.00	28.21 -2.53 0.00	27.95 -2.52 0.00	27.95 -2.64 0.00	35.75 -3.21 0.00	43.62 -3.53 0.00	46.44 -3.03 0.00	30.64 -2.02 0.00	32.67 -1.10 0.00	30.75 -1.03 0.00	33.66 -1.05 0.00	33.64 -1.20 0.00	39.55 -2.10 0.00	39.69 -2.42 0.00	44.47 -2.76 0.00	44.79 -3.08 0.00	45.58 -2.85 0.00	46.50 -3.27 0.00	44.23 -3.56 0.23	44.72 -3.38 0.01	45.31 -3.65 0.19	44.42 -3.44 0.05	40.68 -2.59 0.00
NIAGARA__115KV_198_GIBSON 55903	39.99 -3.09 0.00	32.19 -3.04 0.00	27.97 -2.77 0.00	27.67 -2.80 0.00	27.67 -2.92 0.00	35.49 -3.47 0.00	43.47 -3.69 0.00	46.27 -3.20 0.00	30.53 -2.12 0.00	32.60 -1.17 0.00	30.69 -1.09 0.00	33.61 -1.09 0.00	33.57 -1.27 0.00	39.21 -2.45 0.00	39.36 -2.75 0.00	44.03 -3.20 0.00	44.31 -3.56 0.00	45.13 -3.30 0.00	46.05 -3.72 0.00	43.78 -4.00 0.25	44.28 -3.83 0.01	44.91 -4.06 0.19	44.16 -3.70 0.05	40.50 -2.76 0.00
NIAGARA____ 23760	40.15 -2.93 0.00	32.35 -2.88 0.00	28.21 -2.53 0.00	27.95 -2.52 0.00	27.95 -2.64 0.00	35.75 -3.21 0.00	43.62 -3.53 0.00	46.44 -3.03 0.00	30.64 -2.02 0.00	32.67 -1.10 0.00	30.75 -1.03 0.00	33.66 -1.05 0.00	33.64 -1.20 0.00	39.55 -2.10 0.00	39.69 -2.42 0.00	44.47 -2.76 0.00	44.79 -3.08 0.00	45.58 -2.85 0.00	46.50 -3.27 0.00	44.23 -3.56 0.24	44.72 -3.38 0.01	45.31 -3.65 0.19	44.42 -3.44 0.05	40.68 -2.59 0.00

NINE_MILE_1 23575	41.59 -1.49 0.00	34.00 -1.23 0.00	29.66 -1.09 0.00	29.39 -1.08 0.00	29.50 -1.09 0.00	37.58 -1.38 0.00	45.52 -1.63 0.00	47.80 -1.66 0.00	31.50 -1.16 0.00	32.65 -1.12 0.00	30.73 -1.05 0.00	33.58 -1.13 0.00	33.67 -1.17 0.00	40.10 -1.55 0.00	40.57 -1.54 0.00	45.59 -1.64 0.00	46.26 -1.61 0.00	46.85 -1.58 0.00	48.08 -1.69 0.00	46.35 -1.67 0.00	46.44 -1.66 0.01	46.25 -1.77 1.13	45.82 -1.69 0.40	41.81 -1.46 0.00
NINE_MILE_2 23744	41.59 -1.49 0.00	34.01 -1.22 0.00	29.66 -1.09 0.00	29.40 -1.08 0.00	29.50 -1.09 0.00	37.59 -1.37 0.00	45.53 -1.63 0.00	47.80 -1.66 0.00	31.51 -1.15 0.00	32.65 -1.12 0.00	30.73 -1.04 0.00	33.58 -1.12 0.00	33.67 -1.17 0.00	40.10 -1.55 0.00	40.57 -1.53 0.00	45.59 -1.64 0.00	46.27 -1.60 0.00	46.85 -1.58 0.00	48.08 -1.68 0.00	46.35 -1.67 0.00	46.44 -1.66 0.01	46.24 -1.77 1.15	45.81 -1.69 0.41	41.81 -1.45 0.00
NM_CAPITAL___DRP 24208	43.60 0.52 0.00	35.62 0.39 0.00	31.17 0.43 0.00	30.85 0.37 0.00	30.98 0.40 0.00	39.51 0.56 0.00	47.67 0.52 0.00	50.08 0.61 0.00	33.07 0.41 0.00	34.10 0.33 0.00	31.88 0.10 0.00	34.77 0.07 0.00	34.94 0.10 0.00	41.96 0.31 0.00	42.49 0.39 0.00	47.65 0.43 0.00	48.36 0.49 0.00	48.77 0.33 0.00	50.17 0.40 0.00	48.68 0.65 0.00	48.87 0.75 0.00	50.10 0.96 0.00	48.81 0.90 0.00	43.99 0.73 0.00
NM_CENTRAL___DRP 24181	42.38 -0.70 0.00	34.59 -0.64 0.00	30.15 -0.60 0.00	29.89 -0.58 0.00	29.98 -0.60 0.00	38.22 -0.74 0.00	46.32 -0.83 0.00	48.60 -0.87 0.00	31.99 -0.67 0.00	33.14 -0.63 0.00	31.22 -0.55 0.00	34.16 -0.55 0.00	34.30 -0.54 0.00	40.92 -0.73 0.00	41.41 -0.69 0.00	46.65 -0.58 0.00	47.41 -0.46 0.00	48.01 -0.42 0.00	49.23 -0.55 0.00	47.43 -0.60 0.00	47.49 -0.62 0.00	48.35 -0.74 0.06	47.17 -0.72 0.02	42.67 -0.59 0.00
NM_FRONTIER___DRP 24179	39.99 -3.09 0.00	32.19 -3.04 0.00	27.97 -2.77 0.00	27.67 -2.80 0.00	27.67 -2.92 0.00	35.49 -3.47 0.00	43.47 -3.69 0.00	46.27 -3.20 0.00	30.53 -2.12 0.00	32.60 -1.17 0.00	30.69 -1.09 0.00	33.61 -1.09 0.00	33.57 -1.27 0.00	39.21 -2.45 0.00	39.36 -2.75 0.00	44.03 -3.20 0.00	44.31 -3.56 0.00	45.13 -3.30 0.00	46.05 -3.72 0.00	43.78 -4.00 0.25	44.28 -3.83 0.01	44.91 -4.06 0.19	44.16 -3.70 0.05	40.50 -2.76 0.00
NM_ST_REGIS___HYD 24053	43.55 0.47 0.00	35.84 0.61 0.00	31.39 0.65 0.00	31.15 0.68 0.00	31.29 0.70 0.00	39.82 0.86 0.00	48.08 0.92 0.00	50.50 1.03 0.00	33.27 0.61 0.00	34.24 0.47 0.00	32.22 0.44 0.00	35.11 0.40 0.00	35.08 0.24 0.00	41.86 0.20 0.00	42.09 -0.01 0.00	47.11 -0.12 0.00	47.75 -0.12 0.00	48.71 0.28 0.00	50.57 0.80 0.00	48.61 0.58 0.00	48.51 0.40 0.00	49.35 0.20 0.00	47.75 -0.17 0.00	42.94 -0.32 0.00
NORTHPORT___1 23551	45.10 2.02 0.00	36.71 1.48 0.00	32.08 1.34 0.00	31.69 1.23 0.00	31.83 1.24 0.00	40.19 1.23 0.00	48.65 1.49 0.00	51.07 1.60 0.00	34.38 1.72 0.00	35.58 1.81 0.00	33.54 1.77 0.00	36.93 2.22 0.00	37.56 2.72 0.00	45.23 3.57 0.00	45.97 3.80 -0.06	51.18 3.95 0.00	51.77 3.60 -0.30	51.65 2.98 -0.24	52.07 2.30 0.00	50.35 2.32 0.00	50.31 2.20 0.00	51.48 2.33 0.00	50.50 2.59 0.00	45.63 2.36 0.00
NORTHPORT___2 23552	45.10 2.02 0.00	36.71 1.48 0.00	32.08 1.34 0.00	31.69 1.23 0.00	31.83 1.24 0.00	40.19 1.23 0.00	48.65 1.49 0.00	51.07 1.60 0.00	34.38 1.72 0.00	35.58 1.81 0.00	33.54 1.77 0.00	36.93 2.22 0.00	37.56 2.72 0.00	45.23 3.57 0.00	45.97 3.80 -0.06	51.18 3.95 0.00	51.77 3.60 -0.30	51.65 2.98 -0.24	52.07 2.30 0.00	50.35 2.32 0.00	50.31 2.20 0.00	51.48 2.33 0.00	50.50 2.59 0.00	45.63 2.36 0.00
NORTHPORT___3 23553	45.10 2.02 0.00	36.69 1.47 0.00	32.06 1.32 0.00	31.67 1.20 0.00	31.81 1.22 0.00	40.16 1.21 0.00	48.65 1.49 0.00	51.05 1.58 0.00	34.36 1.70 0.00	35.57 1.80 0.00	33.56 1.79 0.00	36.96 2.25 0.00	37.58 2.75 0.00	45.25 3.60 0.00	45.98 3.81 -0.06	51.19 3.96 0.00	51.77 3.60 -0.30	51.65 2.97 -0.24	52.04 2.27 0.00	50.29 2.27 0.00	50.28 2.17 0.00	51.48 2.33 0.00	50.51 2.60 0.00	45.63 2.36 0.00
NORTHPORT___4 23650	45.10 2.02 0.00	36.69 1.47 0.00	32.06 1.32 0.00	31.67 1.20 0.00	31.81 1.22 0.00	40.16 1.21 0.00	48.65 1.49 0.00	51.05 1.58 0.00	34.36 1.70 0.00	35.57 1.80 0.00	33.56 1.79 0.00	36.96 2.25 0.00	37.58 2.75 0.00	45.25 3.60 0.00	45.98 3.81 -0.06	51.19 3.96 0.00	51.77 3.60 -0.30	51.65 2.97 -0.24	52.04 2.27 0.00	50.29 2.27 0.00	50.28 2.17 0.00	51.48 2.33 0.00	50.51 2.60 0.00	45.63 2.36 0.00
NORTHPORT___IC 23718	45.10 2.02 0.00	36.71 1.48 0.00	32.08 1.34 0.00	31.69 1.23 0.00	31.83 1.24 0.00	40.19 1.23 0.00	48.65 1.49 0.00	51.06 1.59 0.00	34.38 1.72 0.00	35.58 1.81 0.00	33.55 1.77 0.00	36.93 2.22 0.00	37.56 2.72 0.00	45.23 3.57 0.00	45.97 3.80 -0.06	51.19 3.97 0.00	51.77 3.60 -0.30	51.65 2.97 -0.24	52.07 2.30 0.00	50.35 2.33 0.00	50.31 2.20 0.00	51.48 2.33 0.00	50.51 2.60 0.00	45.63 2.37 0.00
NORTH___COUNTRY_ESR 323785	43.12 0.04 0.00	35.44 0.21 0.00	31.03 0.29 0.00	30.79 0.32 0.00	30.92 0.32 0.00	39.35 0.39 0.00	47.57 0.41 0.00	49.94 0.47 0.00	32.95 0.29 0.00	33.96 0.19 0.00	31.98 0.20 0.00	34.87 0.16 0.00	34.85 0.02 0.00	41.60 -0.05 0.00	41.89 -0.21 0.00	46.90 -0.33 0.00	47.46 -0.41 0.00	48.31 -0.13 0.00	49.92 0.15 0.00	47.90 -0.12 0.00	47.75 -0.36 0.00	48.65 -0.50 0.00	47.13 -0.78 0.00	42.41 -0.85 0.00
NPX_GEN_1385_PROXY 323591	44.32 1.24 0.00	36.56 1.33 0.00	32.08 1.34 0.00	31.69 1.23 0.00	31.83 1.24 0.00	40.18 1.23 0.00	48.46 1.30 0.00	50.98 1.51 0.00	34.76 2.10 0.00	35.40 1.62 0.00	32.70 0.92 0.00	36.00 1.29 0.00	36.64 1.80 0.00	15.39 2.36 28.62	25.76 2.59 18.93	42.78 2.61 7.05	50.94 2.76 -0.30	50.71 2.03 -0.24	51.32 1.55 0.00	50.14 2.12 0.00	49.81 1.70 0.00	50.65 1.51 0.00	49.59 1.68 0.00	44.81 1.55 0.00
NPX_GEN_CSC 323557	45.12 2.04 0.00	36.50 1.27 0.00	32.28 1.54 0.00	31.90 1.43 0.00	32.19 1.60 0.00	40.26 1.31 0.00	48.44 1.28 0.00	50.56 1.10 0.00	33.99 1.34 0.00	35.36 1.59 0.00	33.31 1.53 0.00	36.65 1.94 0.00	37.31 2.47 0.00	45.08 3.43 0.00	45.91 3.74 -0.06	51.23 4.00 0.00	52.02 3.84 -0.30	52.04 3.36 -0.24	52.51 2.74 0.00	50.87 2.84 0.00	50.79 2.68 0.00	51.64 2.49 0.00	50.52 2.61 0.00	45.55 2.29 0.00
NSINS_S_GLNS_FALLS 23858	44.75 1.67 0.00	36.55 1.32 0.00	31.98 1.24 0.00	31.66 1.19 0.00	31.81 1.22 0.00	40.67 1.72 0.00	49.22 2.06 0.00	51.54 2.07 0.00	33.75 1.10 0.00	34.50 0.72 0.00	31.78 0.01 0.00	34.53 -0.17 0.00	34.45 -0.39 0.00	41.42 -0.23 0.00	42.10 -0.01 0.00	47.54 0.31 0.00	48.61 0.74 0.00	49.95 1.52 0.00	51.65 1.88 0.00	50.58 2.55 0.00	50.84 2.73 0.00	51.89 2.75 0.00	50.37 2.46 0.00	45.22 1.95 0.00

NUCOR_STEEL____DRP 24197	42.77 -0.31 0.00	34.84 -0.39 0.00	30.36 -0.39 0.00	30.11 -0.36 0.00	30.21 -0.39 0.00	38.48 -0.47 0.00	46.67 -0.49 0.00	48.96 -0.51 0.00	32.13 -0.52 0.00	33.32 -0.45 0.00	31.40 -0.37 0.00	34.24 -0.47 0.00	34.48 -0.35 0.00	41.18 -0.48 0.00	41.71 -0.39 0.00	47.08 -0.16 0.00	47.93 0.06 0.00	48.44 0.01 0.00	49.84 0.07 0.00	48.02 0.00 0.00	48.06 -0.05 0.00	48.95 -0.20 0.00	47.78 -0.13 0.00	43.24 -0.02 0.00
NUMBER_THREE_WT_PWR 323818	44.35 1.27 0.00	36.23 1.00 0.00	31.51 0.77 0.00	31.13 0.65 0.00	31.44 0.85 0.00	40.01 1.05 0.00	48.27 1.11 0.00	50.26 0.80 0.00	32.63 -0.03 0.00	33.34 -0.43 0.00	31.55 -0.22 0.00	34.36 -0.35 0.00	34.23 -0.61 0.00	40.70 -0.96 0.00	41.31 -0.80 0.00	46.49 -0.74 0.00	47.39 -0.48 0.00	48.54 0.10 0.00	50.38 0.61 0.00	48.72 0.69 0.00	48.47 0.36 0.00	49.12 -0.03 0.00	47.88 -0.04 0.00	42.87 -0.40 0.00
NYISO_LBMP_REFERENCE 24008	43.08 0.00 0.00	35.23 0.00 0.00	30.74 0.00 0.00	30.47 0.00 0.00	30.59 0.00 0.00	38.96 0.00 0.00	47.16 0.00 0.00	49.47 0.00 0.00	32.66 0.00 0.00	33.77 0.00 0.00	31.78 0.00 0.00	34.70 0.00 0.00	34.84 0.00 0.00	41.65 0.00 0.00	42.11 0.00 0.00	47.23 0.00 0.00	47.87 0.00 0.00	48.44 0.00 0.00	49.77 0.00 0.00	48.03 0.00 0.00	48.11 0.00 0.00	49.15 0.00 0.00	47.91 0.00 0.00	43.26 0.00 0.00
NYPA_BRENTWD____GT 24164	45.67 2.60 0.00	37.12 1.89 0.00	32.43 1.69 0.00	32.04 1.57 0.00	32.18 1.59 0.00	40.60 1.64 0.00	49.15 1.99 0.00	51.57 2.11 0.00	34.69 2.04 0.00	35.93 2.16 0.00	33.92 2.14 0.00	37.32 2.62 0.00	38.01 3.17 0.00	45.78 4.13 0.00	46.58 4.41 -0.06	51.92 4.70 0.00	52.60 4.43 -0.30	52.60 3.92 -0.24	53.04 3.27 0.00	51.26 3.23 0.00	51.21 3.10 0.00	52.31 3.16 0.00	51.27 3.36 0.00	46.26 3.00 0.00
NYPA_GOWANUS____GT5 24156	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.16 2.73 0.00	52.20 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NYPA_GOWANUS____GT6 24157	45.47 2.39 0.00	36.97 1.74 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.24 0.00	40.40 1.44 0.00	48.94 1.78 0.00	51.29 1.83 0.00	34.46 1.80 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.19 2.49 0.00	37.68 2.85 0.00	45.24 3.59 0.00	45.78 3.68 0.00	50.97 3.74 0.00	51.23 3.36 0.00	51.16 2.73 0.00	52.20 2.44 0.00	50.38 2.35 0.00	50.49 2.38 0.00	51.81 2.66 0.00	51.01 3.10 0.00	46.12 2.85 0.00
NYPA_HARLEM__RVR__GT1 24160	45.31 2.23 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.19 0.00	31.72 1.13 0.00	40.25 1.29 0.00	48.76 1.60 0.00	51.03 1.56 0.00	34.34 1.68 0.00	35.62 1.85 0.00	33.74 1.97 0.00	37.06 2.35 0.00	37.57 2.74 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.01 3.15 0.00	51.00 2.57 0.01	52.00 2.25 0.01	50.20 2.18 0.01	50.26 2.16 0.01	51.61 2.47 0.00	50.82 2.91 0.00	46.00 2.73 0.00
NYPA_HARLEM__RVR__GT2 24161	45.31 2.23 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.19 0.00	31.72 1.13 0.00	40.25 1.29 0.00	48.76 1.60 0.00	51.03 1.56 0.00	34.34 1.68 0.00	35.62 1.85 0.00	33.74 1.97 0.00	37.06 2.35 0.00	37.57 2.74 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.76 3.53 0.00	51.01 3.15 0.00	51.00 2.57 0.01	52.00 2.25 0.01	50.20 2.18 0.01	50.26 2.16 0.01	51.61 2.47 0.00	50.82 2.91 0.00	46.00 2.73 0.00
NYPA_KENT____GT 24152	45.47 2.39 0.00	36.96 1.73 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.39 1.43 0.00	48.95 1.79 0.00	51.29 1.82 0.00	34.44 1.79 0.00	35.72 1.95 0.00	33.85 2.08 0.00	37.20 2.49 0.00	37.70 2.86 0.00	45.25 3.60 0.00	45.78 3.68 0.00	50.98 3.75 0.00	51.22 3.35 0.00	51.17 2.74 0.00	52.20 2.44 0.00	50.38 2.36 0.00	50.47 2.36 0.00	51.80 2.65 0.00	51.00 3.09 0.00	46.09 2.83 0.00
NYPA_POUCH1____GT 24155	45.42 2.34 0.00	36.96 1.73 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.34 1.38 0.00	48.81 1.65 0.00	51.12 1.66 0.00	34.41 1.75 0.00	35.64 1.87 0.00	33.75 1.97 0.00	37.08 2.38 0.00	37.58 2.74 0.00	45.12 3.47 0.00	45.68 3.57 0.00	50.82 3.59 0.00	51.08 3.22 0.00	51.00 2.56 0.00	52.05 2.28 0.00	50.25 2.22 0.00	50.34 2.23 0.00	51.65 2.50 0.00	50.89 2.98 0.00	46.05 2.78 0.00
NYPA_VERNON____GT2 24162	45.45 2.37 0.00	36.96 1.73 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.28 1.81 0.00	34.42 1.77 0.00	35.73 1.96 0.00	33.86 2.08 0.00	37.21 2.51 0.00	37.71 2.88 0.00	45.26 3.61 0.00	45.79 3.68 0.00	51.01 3.78 0.00	51.21 3.35 0.00	51.18 2.74 0.00	52.20 2.44 0.00	50.38 2.35 0.00	50.45 2.34 0.00	51.80 2.65 0.00	51.00 3.08 0.00	46.08 2.82 0.00
NYPA_VERNON____GT3 24163	45.45 2.37 0.00	36.96 1.73 0.00	32.07 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.28 1.81 0.00	34.42 1.77 0.00	35.73 1.96 0.00	33.86 2.08 0.00	37.21 2.51 0.00	37.71 2.88 0.00	45.26 3.61 0.00	45.79 3.68 0.00	51.01 3.78 0.00	51.21 3.35 0.00	51.18 2.74 0.00	52.20 2.44 0.00	50.38 2.35 0.00	50.45 2.34 0.00	51.80 2.65 0.00	51.00 3.08 0.00	46.08 2.82 0.00
NYPA__ASTORIA_CC1 323568	45.38 2.30 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.31 1.35 0.00	48.88 1.72 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.89 0.00	33.80 2.03 0.00	37.15 2.44 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.61 0.00	50.92 3.69 0.00	51.14 3.28 0.00	51.10 2.67 0.00	52.12 2.35 0.00	50.31 2.29 0.00	50.39 2.28 0.00	51.71 2.56 0.00	50.90 2.99 0.00	46.01 2.75 0.00
NYPA__ASTORIA_CC2 323569	45.38 2.30 0.00	36.89 1.66 0.00	32.03 1.29 0.00	31.69 1.22 0.00	31.77 1.18 0.00	40.31 1.35 0.00	48.88 1.72 0.00	51.20 1.73 0.00	34.38 1.73 0.00	35.67 1.89 0.00	33.80 2.03 0.00	37.15 2.44 0.00	37.65 2.81 0.00	45.18 3.53 0.00	45.71 3.61 0.00	50.92 3.69 0.00	51.14 3.28 0.00	51.10 2.67 0.00	52.12 2.35 0.00	50.31 2.29 0.00	50.39 2.28 0.00	51.71 2.56 0.00	50.90 2.99 0.00	46.01 2.75 0.00
NYPA__HOLTSVILL 23794	45.33 2.25 0.00	36.80 1.58 0.00	32.25 1.51 0.00	31.87 1.40 0.00	32.05 1.46 0.00	40.34 1.38 0.00	48.76 1.60 0.00	51.08 1.61 0.00	34.37 1.72 0.00	35.63 1.86 0.00	33.63 1.85 0.00	37.01 2.30 0.00	37.66 2.83 0.00	45.43 3.77 0.00	46.21 4.04 -0.06	51.52 4.29 0.00	52.22 4.05 -0.30	52.21 3.53 -0.24	52.67 2.90 0.00	50.93 2.90 0.00	50.88 2.77 0.00	51.92 2.77 0.00	50.87 2.96 0.00	45.88 2.62 0.00

NYPA_____HELLGATE_GT1 24158	45.31 2.23 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.19 0.00	31.72 1.13 0.00	40.25 1.29 0.00	48.76 1.60 0.00	51.03 1.56 0.00	34.33 1.68 0.00	35.62 1.85 0.00	33.74 1.97 0.00	37.06 2.35 0.00	37.57 2.74 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.78 3.55 0.00	51.05 3.18 0.00	51.04 2.61 0.00	52.07 2.30 0.00	50.24 2.21 0.00	50.31 2.20 0.00	51.65 2.50 0.00	50.85 2.94 0.00	46.00 2.73 0.00
NYPA_____HELLGATE_GT2 24159	45.31 2.23 0.00	36.85 1.62 0.00	31.97 1.23 0.00	31.65 1.19 0.00	31.72 1.13 0.00	40.25 1.29 0.00	48.76 1.60 0.00	51.03 1.56 0.00	34.33 1.68 0.00	35.62 1.85 0.00	33.74 1.97 0.00	37.06 2.35 0.00	37.57 2.74 0.00	45.06 3.41 0.00	45.61 3.50 0.00	50.78 3.55 0.00	51.05 3.18 0.00	51.04 2.61 0.00	52.07 2.30 0.00	50.24 2.21 0.00	50.31 2.20 0.00	51.65 2.50 0.00	50.85 2.94 0.00	46.00 2.73 0.00
NYS_BARGE___HYD 23848	40.39 -2.69 0.00	32.48 -2.75 0.00	28.34 -2.41 0.00	28.08 -2.40 0.00	28.08 -2.51 0.00	35.89 -3.07 0.00	43.83 -3.33 0.00	46.68 -2.79 0.00	30.77 -1.88 0.00	32.72 -1.05 0.00	30.78 -1.00 0.00	33.70 -1.00 0.00	33.68 -1.16 0.00	39.60 -2.05 0.00	39.87 -2.24 0.00	44.73 -2.50 0.00	45.21 -2.66 0.00	46.05 -2.38 0.00	46.98 -2.79 0.00	44.75 -3.04 0.23	45.14 -2.97 0.01	45.80 -3.16 0.19	44.82 -3.04 0.05	40.96 -2.31 0.00
OAK ORCHARD___HYD 24046	41.67 -1.42 0.00	33.76 -1.47 0.00	29.42 -1.33 0.00	29.14 -1.33 0.00	29.18 -1.41 0.00	37.26 -1.70 0.00	45.35 -1.81 0.00	47.99 -1.48 0.00	31.57 -1.09 0.00	33.23 -0.54 0.00	31.29 -0.48 0.00	34.28 -0.43 0.00	34.39 -0.45 0.00	40.77 -0.89 0.00	41.12 -0.99 0.00	46.35 -0.88 0.00	47.04 -0.82 0.00	47.82 -0.62 0.00	48.90 -0.87 0.00	46.89 -1.14 0.00	47.05 -1.06 0.00	47.68 -1.32 0.15	46.57 -1.29 0.05	42.34 -0.92 0.00
OAKDALE__35_KV_LOAD 356122	42.78 -0.30 0.00	34.88 -0.35 0.00	30.37 -0.37 0.00	30.14 -0.33 0.00	30.21 -0.38 0.00	38.50 -0.45 0.00	46.67 -0.49 0.00	48.86 -0.61 0.00	32.17 -0.49 0.00	33.39 -0.38 0.00	31.51 -0.26 0.00	34.45 -0.25 0.00	34.66 -0.17 0.00	41.46 -0.20 0.00	41.79 -0.31 0.00	47.10 -0.13 0.00	47.79 -0.08 0.00	48.36 -0.07 0.00	49.42 -0.35 0.00	47.66 -0.41 -0.04	47.70 -0.42 0.00	48.55 -0.57 0.03	47.48 -0.42 0.01	43.00 -0.26 0.00
OCC_CHEM___DRP 24175	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
OH_GEN_PROXY 24063	40.21 -2.88 0.00	32.41 -2.81 0.00	28.27 -2.47 0.00	28.00 -2.47 0.00	28.01 -2.58 0.00	35.81 -3.14 0.00	43.71 -3.45 0.00	46.49 -2.98 0.00	30.66 -1.99 0.00	32.69 -1.09 0.00	30.78 -0.99 0.00	33.69 -1.02 0.00	33.67 -1.17 0.00	39.64 -2.02 0.00	39.76 -2.34 0.00	44.56 -2.67 0.00	44.89 -2.97 0.00	45.70 -2.73 0.00	46.63 -3.14 0.00	44.38 -3.44 0.21	44.83 -3.28 0.01	45.40 -3.57 0.18	44.52 -3.34 0.05	40.73 -2.54 0.00
OLIN_CORP_DRP 24177	39.83 -3.25 0.00	32.01 -3.22 0.00	27.96 -2.78 0.00	27.72 -2.75 0.00	27.72 -2.87 0.00	35.42 -3.53 0.00	43.29 -3.87 0.00	46.09 -3.37 0.00	30.43 -2.23 0.00	32.39 -1.38 0.00	30.48 -1.29 0.00	33.37 -1.34 0.00	33.32 -1.52 0.00	39.15 -2.51 0.00	39.39 -2.72 0.00	44.10 -3.13 0.00	44.45 -3.42 0.00	45.27 -3.16 0.00	46.19 -3.58 0.00	43.99 -3.78 0.26	44.39 -3.71 0.01	45.07 -3.90 0.19	44.10 -3.76 0.05	40.32 -2.95 0.00
OLIN_CORP_DSASP 323712	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
ONEIDA_HERK_LFGE 323681	44.07 1.00 0.00	35.98 0.75 0.00	31.34 0.60 0.00	31.02 0.55 0.00	31.21 0.63 0.00	39.76 0.80 0.00	48.09 0.93 0.00	50.26 0.79 0.00	32.85 0.19 0.00	33.72 -0.06 0.00	31.78 0.00 0.00	34.67 -0.04 0.00	34.72 -0.12 0.00	41.47 -0.18 0.00	42.04 -0.07 0.00	47.35 0.12 0.00	48.20 0.33 0.00	49.18 0.74 0.00	50.75 0.98 0.00	49.02 0.99 0.00	48.99 0.88 0.00	49.85 0.70 0.00	48.52 0.61 0.00	43.63 0.37 0.00
ONEIDA___115KV_TB4 55905	43.93 0.85 0.00	35.82 0.59 0.00	31.21 0.47 0.00	30.91 0.44 0.00	31.05 0.46 0.00	39.56 0.60 0.00	47.92 0.76 0.00	50.13 0.66 0.00	32.79 0.13 0.00	33.72 -0.05 0.00	31.73 -0.05 0.00	34.67 -0.04 0.00	34.83 -0.01 0.00	41.67 0.02 0.00	42.27 0.16 0.00	47.76 0.53 0.00	48.61 0.74 0.00	49.62 1.19 0.00	50.99 1.22 0.00	49.15 1.13 0.00	49.20 1.09 0.00	50.10 0.98 0.03	48.77 0.87 0.01	43.97 0.71 0.00
ONONDAGA_REF_OCCRA 23987	42.66 -0.42 0.00	34.82 -0.41 0.00	30.34 -0.40 0.00	30.08 -0.39 0.00	30.18 -0.41 0.00	38.45 -0.50 0.00	46.61 -0.55 0.00	48.86 -0.60 0.00	32.14 -0.52 0.00	33.26 -0.51 0.00	31.34 -0.44 0.00	34.28 -0.43 0.00	34.42 -0.42 0.00	41.11 -0.55 0.00	41.61 -0.50 0.00	46.86 -0.37 0.00	47.66 -0.21 0.00	48.32 -0.11 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.72 -0.40 0.04	47.50 -0.40 0.01	42.96 -0.30 0.00
ONONDAGA___COGEN 23986	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.48 0.00	46.64 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.44 0.00	34.26 -0.45 0.00	34.41 -0.43 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.29 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00
ONTARIO___LFGE 23819	42.46 -0.62 0.00	34.49 -0.74 0.00	30.01 -0.73 0.00	29.78 -0.69 0.00	29.83 -0.76 0.00	38.04 -0.92 0.00	46.10 -1.05 0.00	48.38 -1.08 0.00	31.78 -0.88 0.00	33.01 -0.76 0.00	31.07 -0.70 0.00	34.01 -0.70 0.00	34.21 -0.63 0.00	40.83 -0.83 0.00	41.20 -0.90 0.00	46.60 -0.63 0.00	47.50 -0.37 0.00	48.34 -0.09 0.00	49.37 -0.40 0.00	47.62 -0.56 -0.15	47.45 -0.66 0.00	48.21 -0.88 0.06	47.08 -0.80 0.03	42.79 -0.48 0.00
ORANGEVILLE_WT_PWR 323706	40.94 -2.14 0.00	32.91 -2.31 0.00	28.60 -2.14 0.00	28.34 -2.13 0.00	28.32 -2.27 0.00	36.19 -2.77 0.00	44.12 -3.04 0.00	46.71 -2.76 0.00	30.58 -2.08 0.00	32.38 -1.39 0.00	30.56 -1.22 0.00	33.45 -1.25 0.00	33.54 -1.30 0.00	39.65 -2.01 0.00	39.91 -2.20 0.00	45.15 -2.08 0.00	45.84 -2.03 0.00	46.51 -1.93 0.00	47.07 -2.70 0.00	43.92 -3.09 1.01	44.91 -3.17 0.03	45.53 -3.33 0.30	44.74 -3.14 0.04	40.89 -2.38 0.00

ORANGEVILLE___ESR 323794	40.94 -2.14 0.00	32.91 -2.31 0.00	28.60 -2.14 0.00	28.34 -2.13 0.00	28.32 -2.27 0.00	36.19 -2.77 0.00	44.12 -3.04 0.00	46.71 -2.76 0.00	30.58 -2.08 0.00	32.38 -1.39 0.00	30.56 -1.22 0.00	33.45 -1.25 0.00	33.54 -1.30 0.00	39.65 -2.01 0.00	39.91 -2.20 0.00	45.15 -2.08 0.00	45.84 -2.03 0.00	46.51 -1.93 0.00	47.07 -2.70 0.00	43.92 -3.09 1.01	44.91 -3.17 0.03	45.53 -3.33 0.30	44.74 -3.14 0.04	40.89 -2.38 0.00
OSWEGATCHIE___HYD 24044	43.89 0.81 0.00	36.02 0.79 0.00	31.41 0.67 0.00	31.09 0.61 0.00	31.37 0.78 0.00	39.91 0.95 0.00	48.20 1.04 0.00	50.37 0.90 0.00	32.87 0.21 0.00	33.67 -0.09 0.00	31.79 0.02 0.00	34.62 -0.08 0.00	34.55 -0.29 0.00	41.09 -0.57 0.00	41.41 -0.69 0.00	46.44 -0.79 0.00	47.07 -0.79 0.00	48.16 -0.28 0.00	50.05 0.28 0.00	48.40 0.37 0.00	48.26 0.15 0.00	49.22 0.07 0.00	48.06 0.15 0.00	43.17 -0.09 0.00
OSWEGO___5 23606	41.90 -1.18 0.00	34.23 -1.00 0.00	29.85 -0.89 0.00	29.58 -0.88 0.00	29.69 -0.90 0.00	37.84 -1.12 0.00	45.84 -1.32 0.00	48.11 -1.36 0.00	31.69 -0.96 0.00	32.85 -0.93 0.00	30.92 -0.85 0.00	33.80 -0.90 0.00	33.90 -0.94 0.00	40.40 -1.26 0.00	40.86 -1.25 0.00	45.94 -1.29 0.00	46.63 -1.24 0.00	47.22 -1.21 0.00	48.47 -1.30 0.00	46.72 -1.31 0.00	46.82 -1.30 0.00	48.19 -1.41 -0.45	46.72 -1.35 -0.16	42.13 -1.13 0.00
OSWEGO___6 23613	41.90 -1.18 0.00	34.23 -1.00 0.00	29.85 -0.89 0.00	29.58 -0.88 0.00	29.69 -0.90 0.00	37.84 -1.12 0.00	45.84 -1.32 0.00	48.11 -1.36 0.00	31.69 -0.96 0.00	32.85 -0.93 0.00	30.92 -0.85 0.00	33.80 -0.90 0.00	33.90 -0.94 0.00	40.40 -1.26 0.00	40.86 -1.25 0.00	45.94 -1.29 0.00	46.63 -1.24 0.00	47.22 -1.21 0.00	48.47 -1.30 0.00	46.72 -1.31 0.00	46.82 -1.30 0.00	48.19 -1.41 -0.45	46.72 -1.35 -0.16	42.13 -1.13 0.00
OUTOKUMPU-AB___DRP 24206	40.73 -2.35 0.00	32.76 -2.46 0.00	28.52 -2.22 0.00	28.24 -2.23 0.00	28.22 -2.37 0.00	36.14 -2.82 0.00	44.20 -2.96 0.00	47.01 -2.46 0.00	31.00 -1.66 0.00	33.03 -0.74 0.00	31.11 -0.66 0.00	34.09 -0.62 0.00	34.10 -0.73 0.00	40.05 -1.60 0.00	40.30 -1.81 0.00	45.21 -2.02 0.00	45.58 -2.29 0.00	46.41 -2.03 0.00	47.32 -2.45 0.00	44.98 -2.78 0.27	45.44 -2.67 0.01	46.07 -2.89 0.19	45.18 -2.68 0.05	41.32 -1.94 0.00
OXBOW___BTM 323836	40.33 -2.75 0.00	32.46 -2.77 0.00	28.22 -2.52 0.00	27.93 -2.54 0.00	27.92 -2.67 0.00	35.79 -3.17 0.00	43.79 -3.40 0.00	46.60 -2.86 0.00	30.75 -1.91 0.00	32.79 -0.98 0.00	30.89 -0.89 0.00	33.83 -0.88 0.00	33.83 -1.01 0.00	39.63 -2.02 0.00	39.84 -2.27 0.00	44.64 -2.59 0.00	44.98 -2.89 0.00	45.80 -2.63 0.00	46.70 -3.06 0.00	44.40 -3.37 0.26	44.88 -3.23 0.01	45.51 -3.45 0.19	44.67 -3.19 0.05	40.91 -2.35 0.00
OXBOW___ 24026	40.33 -2.75 0.00	32.46 -2.77 0.00	28.22 -2.52 0.00	27.93 -2.54 0.00	27.92 -2.67 0.00	35.79 -3.17 0.00	43.79 -3.37 0.00	46.60 -2.87 0.00	30.74 -1.91 0.00	32.79 -0.98 0.00	30.88 -0.89 0.00	33.83 -0.88 0.00	33.83 -1.01 0.00	39.63 -2.02 0.00	39.84 -2.26 0.00	44.64 -2.59 0.00	44.97 -2.90 0.00	45.80 -2.63 0.00	46.70 -3.07 0.00	44.40 -3.37 0.26	44.88 -3.23 0.01	45.51 -3.45 0.19	44.67 -3.19 0.05	40.91 -2.35 0.00
OXY_CHEM_DSASP 323612	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
OZONE_PARK_ESR 323760	45.91 2.82 0.00	37.29 2.06 0.00	32.37 1.62 0.00	32.01 1.54 0.00	32.09 1.50 0.00	40.73 1.78 0.00	49.39 2.24 0.00	51.78 2.32 0.00	34.69 2.03 0.00	36.04 2.27 0.00	34.16 2.39 0.00	37.56 2.86 0.00	38.07 3.24 0.00	45.70 4.05 0.00	46.22 4.12 0.00	51.55 4.32 0.00	51.77 3.91 0.00	51.78 3.34 0.00	52.79 3.02 0.00	50.97 2.94 0.00	51.04 2.93 0.00	52.40 3.25 0.00	51.54 3.63 0.00	46.52 3.26 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.74 0.00	27.71 -2.76 0.00	27.71 -2.88 0.00	35.54 -3.42 0.00	43.52 -3.64 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.63 -1.14 0.00	30.74 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.37 0.00	39.43 -2.68 0.00	44.11 -3.12 0.00	44.41 -3.46 0.00	45.22 -3.21 0.00	46.15 -3.62 0.00	43.85 -3.92 0.25	44.36 -3.74 0.01	44.98 -3.98 0.19	44.23 -3.63 0.05	40.56 -2.71 0.00
PACKARD_115KV_DUPONT_184 80571	40.03 -3.05 0.00	32.22 -3.01 0.00	28.01 -2.73 0.00	27.71 -2.76 0.00	27.70 -2.89 0.00	35.54 -3.42 0.00	43.47 -3.68 0.00	46.32 -3.15 0.00	30.57 -2.09 0.00	32.64 -1.13 0.00	30.73 -1.04 0.00	33.65 -1.06 0.00	33.61 -1.23 0.00	39.28 -2.38 0.00	39.42 -2.69 0.00	44.11 -3.12 0.00	44.42 -3.45 0.00	45.22 -3.22 0.00	46.15 -3.62 0.00	43.86 -3.92 0.25	44.37 -3.73 0.01	44.99 -3.97 0.19	44.23 -3.63 0.05	40.55 -2.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	45.32 2.24 0.00	36.85 1.62 0.00	31.99 1.24 0.00	31.67 1.20 0.00	31.74 1.15 0.00	40.29 1.33 0.00	48.82 1.66 0.00	51.17 1.70 0.00	34.37 1.71 0.00	35.62 1.85 0.00	33.74 1.97 0.00	37.05 2.35 0.00	37.55 2.71 0.00	45.05 3.39 0.00	45.58 3.47 0.00	50.78 3.56 0.00	51.14 3.27 0.00	51.17 2.74 0.00	52.25 2.48 0.00	50.40 2.37 0.00	50.47 2.36 0.00	51.77 2.62 0.00	50.90 2.99 0.00	45.98 2.72 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	46.09 3.02 0.00	37.48 2.25 0.00	32.58 1.83 0.00	32.26 1.79 0.00	32.34 1.75 0.00	41.06 2.10 0.00	49.75 2.59 0.00	52.09 2.62 0.00	34.98 2.33 0.00	36.26 2.49 0.00	34.35 2.58 0.00	37.70 2.99 0.00	38.21 3.37 0.00	45.83 4.18 0.00	46.36 4.25 0.00	51.69 4.46 0.00	52.06 4.19 0.00	52.09 3.65 0.00	53.13 3.36 0.00	51.24 3.21 0.00	51.34 3.22 0.00	52.64 3.50 0.00	51.76 3.85 0.00	46.76 3.50 0.00
PATROON_115KV_TB1 80586	43.63 0.55 0.00	35.64 0.42 0.00	31.18 0.44 0.00	30.87 0.40 0.00	31.00 0.42 0.00	39.53 0.57 0.00	47.69 0.53 0.00	50.11 0.64 0.00	33.08 0.43 0.00	34.10 0.33 0.00	31.89 0.11 0.00	34.80 0.10 0.00	34.97 0.13 0.00	41.99 0.33 0.00	42.57 0.46 0.00	47.76 0.53 0.00	48.47 0.60 0.00	48.92 0.48 0.00	50.35 0.58 0.00	48.82 0.79 0.00	48.99 0.87 0.00	50.19 1.05 0.00	48.89 0.98 0.00	44.06 0.80 0.00
PATTRSNVILLE___SOLAR 323815	44.18 1.10 0.00	36.09 0.86 0.00	31.50 0.76 0.00	31.21 0.74 0.00	31.33 0.74 0.00	39.93 0.97 0.00	48.35 1.19 0.00	50.54 1.08 0.00	33.10 0.45 0.00	33.97 0.20 0.00	31.82 0.04 0.00	34.73 0.03 0.00	34.88 0.04 0.00	41.86 0.21 0.00	42.39 0.28 0.00	47.63 0.40 0.00	48.45 0.58 0.00	49.31 0.88 0.00	51.00 1.23 0.00	49.47 1.44 0.00	49.59 1.48 0.00	50.69 1.54 0.00	49.38 1.47 0.00	44.54 1.27 0.00

PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.01 -2.07 0.00	33.03 -2.20 0.00	28.76 -1.99 0.00	28.50 -1.97 0.00	28.49 -2.10 0.00	36.42 -2.54 0.00	44.50 -2.66 0.00	47.25 -2.22 0.00	31.14 -1.51 0.00	33.17 -0.60 0.00	31.26 -0.51 0.00	34.29 -0.42 0.00	34.33 -0.51 0.00	40.49 -1.17 0.00	40.73 -1.38 0.00	45.83 -1.40 0.00	46.24 -1.63 0.00	47.08 -1.36 0.00	47.91 -1.86 0.00	45.52 -2.18 0.32	46.01 -2.09 0.01	46.57 -2.38 0.19	45.54 -2.32 0.05	41.58 -1.69 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	45.38 2.30 0.00	36.88 1.65 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.22 0.00	40.44 1.48 0.00	49.05 1.89 0.00	51.44 1.98 0.00	34.33 1.67 0.00	35.64 1.87 0.00	33.69 1.92 0.00	36.98 2.27 0.00	37.43 2.59 0.00	44.98 3.32 0.00	45.45 3.34 0.00	50.77 3.54 0.00	51.24 3.38 0.00	51.49 3.06 0.00	52.64 2.87 0.00	50.84 2.80 0.00	50.92 2.80 0.00	52.11 2.96 0.00	51.04 3.13 0.00	46.00 2.73 0.00
PEEKSKILL____ 23653	45.03 1.95 0.00	36.60 1.37 0.00	31.81 1.06 0.00	31.47 1.00 0.00	31.57 0.98 0.00	40.11 1.16 0.00	48.65 1.49 0.00	51.01 1.54 0.00	34.07 1.41 0.00	35.36 1.59 0.00	33.48 1.70 0.00	36.78 2.08 0.00	37.26 2.42 0.00	44.75 3.10 0.00	45.22 3.11 0.00	50.49 3.26 0.00	50.86 2.99 0.00	51.04 2.61 0.00	52.08 2.31 0.00	50.28 2.25 0.00	50.36 2.25 0.00	51.58 2.43 0.00	50.59 2.68 0.00	45.64 2.37 0.00
PGE MADISON____WINDPWR 24146	45.59 2.51 0.00	37.06 1.84 0.00	32.17 1.43 0.00	31.81 1.34 0.00	31.81 1.22 0.00	40.54 1.58 0.00	48.70 1.55 0.00	50.47 1.01 0.00	32.72 0.06 0.00	33.15 -0.62 0.00	31.38 -0.39 0.00	34.57 -0.14 0.00	34.92 0.08 0.00	41.90 0.24 0.00	42.38 0.27 0.00	48.26 1.03 0.00	49.87 2.01 0.00	51.51 3.08 0.00	52.68 2.91 0.00	49.84 1.75 -0.06	49.32 1.21 0.00	49.91 0.78 0.02	48.74 0.84 0.01	43.94 0.67 0.00
PIERCEFIELD____HYD 23852	43.46 0.38 0.00	35.84 0.62 0.00	31.35 0.61 0.00	31.07 0.60 0.00	31.33 0.74 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.52 1.05 0.00	33.15 0.49 0.00	34.06 0.28 0.00	32.11 0.34 0.00	34.98 0.28 0.00	34.95 0.12 0.00	41.59 -0.06 0.00	41.66 -0.45 0.00	46.56 -0.67 0.00	46.90 -0.97 0.00	47.84 -0.59 0.00	49.69 -0.08 0.00	47.93 -0.09 0.00	47.89 -0.22 0.00	49.14 -0.01 0.00	48.07 0.16 0.00	43.30 0.03 0.00
PINELAWN_CC_1 323563	45.57 2.49 0.00	37.00 1.77 0.00	32.30 1.56 0.00	31.89 1.42 0.00	32.03 1.44 0.00	40.47 1.51 0.00	49.02 1.86 0.00	51.40 1.94 0.00	34.54 1.88 0.00	35.79 2.02 0.00	33.82 2.04 0.00	37.21 2.51 0.00	37.86 3.02 0.00	45.57 3.92 0.00	46.31 4.14 -0.06	51.65 4.42 0.00	52.31 4.13 -0.30	52.32 3.64 -0.24	52.84 3.07 0.00	51.08 3.05 0.00	51.02 2.91 0.00	52.16 3.01 0.00	51.17 3.25 0.00	46.15 2.88 0.00
PJM_GEN_HTP_PROXY 323702	45.42 2.34 0.00	36.91 1.69 0.00	32.07 1.32 0.00	31.72 1.25 0.00	31.81 1.22 0.00	40.39 1.44 0.00	48.99 1.83 0.00	51.34 1.88 0.00	34.37 1.71 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.18 2.47 0.00	37.67 2.83 0.00	45.81 3.58 -0.57	44.01 3.62 1.71	50.98 3.75 0.00	51.92 3.38 -0.67	51.32 2.88 0.00	52.33 2.56 0.00	50.51 2.48 0.00	50.57 2.46 0.00	51.88 2.73 0.00	51.06 3.08 -0.07	46.01 2.75 0.00
PJM_GEN_KEystone 24065	15.28 -0.13 27.66	18.58 -0.34 16.31	22.92 -0.41 7.42	30.06 -0.41 0.00	24.71 -0.47 5.41	23.25 -0.58 15.14	26.68 -0.53 19.94	28.44 -0.50 20.53	20.20 -0.18 12.28	30.93 0.18 3.02	32.63 0.37 -0.48	35.23 0.53 0.00	35.57 0.74 0.00	43.13 0.90 -0.57	41.04 0.65 1.71	47.93 0.69 0.00	49.01 0.47 -0.67	48.75 0.32 0.00	49.67 -0.10 0.00	47.75 -0.23 0.05	47.91 -0.20 0.00	48.37 -0.31 0.47	48.03 0.08 -0.05	43.49 0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	45.16 2.08 0.00	36.67 1.45 0.00	31.97 1.23 0.00	31.59 1.12 0.00	31.71 1.12 0.00	40.12 1.16 0.00	48.62 1.47 0.00	50.99 1.53 0.00	34.23 1.57 0.00	35.49 1.72 0.00	33.57 1.79 0.00	36.96 2.25 0.00	37.54 2.71 0.00	45.74 3.51 -0.57	44.13 3.67 1.65	51.04 3.81 0.00	52.33 3.48 -0.98	51.66 2.98 -0.24	52.19 2.42 0.00	50.41 2.38 0.00	50.41 2.29 0.00	51.62 2.46 0.00	50.69 2.72 -0.07	45.70 2.44 0.00
PJM_GEN_VFT_PROXY 323633	45.22 2.14 0.00	36.73 1.51 0.00	31.89 1.15 0.00	31.55 1.08 0.00	31.65 1.06 0.00	40.18 1.23 0.00	48.75 1.59 0.00	51.05 1.59 0.00	34.20 1.55 0.00	35.50 1.73 0.00	33.67 1.89 0.00	37.01 2.31 0.00	37.54 2.70 0.00	45.66 3.43 -0.57	43.87 3.47 1.71	50.81 3.58 0.00	51.74 3.19 -0.67	51.08 2.65 0.00	52.10 2.33 0.00	50.28 2.25 0.00	50.34 2.22 0.00	51.64 2.49 0.00	50.85 2.87 -0.07	45.82 2.56 0.00
PLATSBURG_115KV_PMLD1 355749	43.60 0.52 0.00	35.79 0.57 0.00	31.39 0.64 0.00	31.13 0.66 0.00	31.27 0.68 0.00	39.84 0.88 0.00	48.14 0.98 0.00	50.50 1.03 0.00	33.24 0.58 0.00	34.26 0.48 0.00	32.23 0.45 0.00	35.15 0.44 0.00	35.15 0.31 0.00	41.97 0.32 0.00	42.22 0.11 0.00	47.37 0.14 0.00	48.00 0.13 0.00	48.79 0.36 0.00	50.54 0.77 0.00	48.54 0.51 0.00	48.35 0.24 0.00	49.25 0.10 0.00	47.65 -0.26 0.00	42.76 -0.50 0.00
PLEASANTVLY____LBMP 24000	44.87 1.80 0.00	36.49 1.26 0.00	31.73 0.99 0.00	31.40 0.93 0.00	31.49 0.90 0.00	40.05 1.09 0.00	48.56 1.41 0.00	50.92 1.45 0.00	33.96 1.30 0.00	35.24 1.47 0.00	33.31 1.53 0.00	36.54 1.84 0.00	36.94 2.11 0.00	44.32 2.67 0.00	44.76 2.66 0.00	50.00 2.77 0.00	50.44 2.57 0.00	50.68 2.25 0.00	51.80 2.03 0.00	50.05 2.02 0.00	50.17 2.05 0.00	51.41 2.26 0.00	50.36 2.45 0.00	45.40 2.13 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	45.21 2.13 0.00	36.74 1.52 0.00	31.94 1.20 0.00	31.57 1.11 0.00	31.69 1.10 0.00	40.27 1.31 0.00	48.82 1.67 0.00	51.19 1.73 0.00	34.19 1.54 0.00	35.51 1.74 0.00	33.60 1.82 0.00	36.91 2.21 0.00	37.36 2.52 0.00	44.86 3.21 0.00	45.33 3.22 0.00	50.61 3.38 0.00	50.99 3.12 0.00	51.15 2.71 0.00	52.21 2.44 0.00	50.42 2.39 0.00	50.50 2.39 0.00	51.77 2.61 0.00	50.77 2.86 0.00	45.79 2.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	45.21 2.13 0.00	36.74 1.52 0.00	31.94 1.20 0.00	31.57 1.11 0.00	31.69 1.10 0.00	40.27 1.31 0.00	48.82 1.67 0.00	51.19 1.73 0.00	34.19 1.54 0.00	35.51 1.74 0.00	33.60 1.82 0.00	36.91 2.21 0.00	37.36 2.52 0.00	44.86 3.21 0.00	45.33 3.22 0.00	50.61 3.38 0.00	50.99 3.12 0.00	51.15 2.71 0.00	52.21 2.44 0.00	50.42 2.39 0.00	50.50 2.39 0.00	51.77 2.61 0.00	50.77 2.86 0.00	45.79 2.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.12 2.05 0.00	36.69 1.47 0.00	31.91 1.17 0.00	31.57 1.10 0.00	31.68 1.09 0.00	40.31 1.35 0.00	48.88 1.72 0.00	51.25 1.79 0.00	34.12 1.46 0.00	35.36 1.59 0.00	33.36 1.58 0.00	36.57 1.86 0.00	36.96 2.12 0.00	44.40 2.75 0.00	44.86 2.75 0.00	50.20 2.97 0.00	50.76 2.90 0.00	51.10 2.67 0.00	52.28 2.51 0.00	50.53 2.50 0.00	50.64 2.53 0.00	51.85 2.70 0.00	50.70 2.79 0.00	45.68 2.42 0.00

POLETTI____ 23519	45.42 2.33 0.00	36.91 1.68 0.00	32.05 1.31 0.00	31.70 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.93 1.77 0.00	51.30 1.83 0.00	34.36 1.71 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.62 0.00	50.98 3.75 0.00	51.16 3.29 0.00	51.12 2.69 0.00	52.14 2.37 0.00	50.32 2.29 0.00	50.40 2.29 0.00	51.79 2.64 0.00	50.98 3.07 0.00	46.01 2.75 0.00
POMONA____ESR 323819	45.03 1.95 0.00	36.58 1.35 0.00	31.80 1.05 0.00	31.45 0.98 0.00	31.56 0.97 0.00	40.11 1.16 0.00	48.64 1.48 0.00	51.01 1.55 0.00	34.06 1.41 0.00	35.35 1.58 0.00	33.49 1.72 0.00	36.82 2.11 0.00	37.32 2.48 0.00	44.83 3.18 0.00	45.30 3.19 0.00	50.60 3.37 0.00	51.00 3.13 0.00	51.18 2.74 0.00	52.22 2.45 0.00	50.36 2.34 0.00	50.43 2.32 0.00	51.63 2.48 0.00	50.64 2.73 0.00	45.68 2.41 0.00
PORT_JEFF_3 23555	45.36 2.28 0.00	36.83 1.61 0.00	32.27 1.53 0.00	31.89 1.42 0.00	32.06 1.47 0.00	40.36 1.40 0.00	48.78 1.62 0.00	51.10 1.63 0.00	34.39 1.73 0.00	35.67 1.90 0.00	33.66 1.89 0.00	37.05 2.34 0.00	37.71 2.87 0.00	45.50 3.84 0.00	46.29 4.12 -0.06	51.62 4.39 0.00	52.32 4.15 -0.30	52.34 3.66 -0.24	52.78 3.01 0.00	51.03 3.00 0.00	50.98 2.87 0.00	52.00 2.86 0.00	50.93 3.02 0.00	45.93 2.67 0.00
PORT_JEFF_4 23616	45.36 2.28 0.00	36.83 1.61 0.00	32.27 1.53 0.00	31.89 1.42 0.00	32.06 1.47 0.00	40.36 1.40 0.00	48.78 1.62 0.00	51.10 1.63 0.00	34.39 1.73 0.00	35.67 1.90 0.00	33.66 1.89 0.00	37.05 2.34 0.00	37.71 2.87 0.00	45.50 3.84 0.00	46.29 4.12 -0.06	51.62 4.39 0.00	52.32 4.15 -0.30	52.34 3.66 -0.24	52.78 3.01 0.00	51.03 3.00 0.00	50.98 2.87 0.00	52.00 2.86 0.00	50.93 3.02 0.00	45.93 2.67 0.00
PORT_JEFF_IC 23713	45.40 2.31 0.00	36.85 1.62 0.00	32.31 1.56 0.00	31.91 1.44 0.00	32.09 1.50 0.00	40.39 1.43 0.00	48.81 1.65 0.00	51.15 1.69 0.00	34.43 1.77 0.00	35.71 1.94 0.00	33.69 1.92 0.00	37.08 2.38 0.00	37.76 2.92 0.00	45.57 3.92 0.00	46.38 4.21 -0.06	51.75 4.52 0.00	52.46 4.29 -0.30	52.44 3.76 -0.24	52.90 3.13 0.00	51.14 3.11 0.00	51.06 2.95 0.00	52.07 2.92 0.00	51.00 3.09 0.00	45.98 2.72 0.00
PPL PILGRIM_ST_GT1 24216	45.67 2.60 0.00	37.12 1.89 0.00	32.43 1.69 0.00	32.04 1.57 0.00	32.18 1.59 0.00	40.60 1.64 0.00	49.15 1.99 0.00	51.57 2.11 0.00	34.69 2.04 0.00	35.93 2.16 0.00	33.92 2.14 0.00	37.32 2.62 0.00	38.01 3.17 0.00	45.78 4.13 0.00	46.58 4.41 -0.06	51.92 4.70 0.00	52.60 4.43 -0.30	52.60 3.92 -0.24	53.04 3.27 0.00	51.26 3.23 0.00	51.21 3.10 0.00	52.31 3.16 0.00	51.27 3.36 0.00	46.26 3.00 0.00
PPL PILGRIM_ST_GT2 24217	45.67 2.60 0.00	37.12 1.89 0.00	32.43 1.69 0.00	32.04 1.57 0.00	32.18 1.59 0.00	40.60 1.64 0.00	49.15 1.99 0.00	51.57 2.11 0.00	34.69 2.04 0.00	35.93 2.16 0.00	33.92 2.14 0.00	37.32 2.62 0.00	38.01 3.17 0.00	45.78 4.13 0.00	46.58 4.41 -0.06	51.92 4.70 0.00	52.60 4.43 -0.30	52.60 3.92 -0.24	53.04 3.27 0.00	51.26 3.23 0.00	51.21 3.10 0.00	52.31 3.16 0.00	51.27 3.36 0.00	46.26 3.00 0.00
PPL_SHRM_GT3 24213	45.14 2.06 0.00	36.52 1.30 0.00	32.29 1.55 0.00	31.91 1.44 0.00	32.20 1.61 0.00	40.28 1.32 0.00	48.43 1.27 0.00	50.23 0.77 0.00	33.78 1.13 0.00	35.22 1.45 0.00	33.33 1.55 0.00	36.66 1.95 0.00	37.32 2.48 0.00	45.10 3.45 0.00	45.93 3.76 -0.06	51.27 4.04 0.00	52.03 3.86 -0.30	52.08 3.40 -0.24	52.57 2.80 0.00	50.91 2.89 0.00	50.85 2.74 0.00	51.70 2.54 0.00	50.57 2.66 0.00	45.59 2.33 0.00
PPL_SHRM_GT4 24214	45.14 2.06 0.00	36.52 1.30 0.00	32.29 1.55 0.00	31.91 1.44 0.00	32.20 1.61 0.00	40.28 1.32 0.00	48.43 1.27 0.00	50.23 0.77 0.00	33.78 1.13 0.00	35.22 1.45 0.00	33.33 1.55 0.00	36.66 1.95 0.00	37.32 2.48 0.00	45.10 3.45 0.00	45.93 3.76 -0.06	51.27 4.04 0.00	52.03 3.86 -0.30	52.08 3.40 -0.24	52.57 2.80 0.00	50.91 2.89 0.00	50.85 2.74 0.00	51.70 2.54 0.00	50.57 2.66 0.00	45.59 2.33 0.00
PROJECT____ORANGE 1 24174	42.38 -0.70 0.00	34.60 -0.63 0.00	30.15 -0.60 0.00	29.89 -0.58 0.00	29.98 -0.60 0.00	38.22 -0.74 0.00	46.33 -0.83 0.00	48.59 -0.88 0.00	31.99 -0.67 0.00	33.14 -0.63 0.00	31.23 -0.55 0.00	34.17 -0.53 0.00	34.30 -0.53 0.00	40.94 -0.71 0.00	41.43 -0.68 0.00	46.65 -0.58 0.00	47.40 -0.47 0.00	48.02 -0.42 0.00	49.23 -0.55 0.00	47.43 -0.60 0.00	47.50 -0.61 0.00	48.36 -0.73 0.06	47.18 -0.71 0.02	42.69 -0.57 0.00
PROJECT____ORANGE 2 24166	42.38 -0.70 0.00	34.60 -0.63 0.00	30.15 -0.60 0.00	29.89 -0.58 0.00	29.98 -0.60 0.00	38.22 -0.74 0.00	46.33 -0.83 0.00	48.59 -0.88 0.00	31.99 -0.67 0.00	33.14 -0.63 0.00	31.23 -0.55 0.00	34.17 -0.53 0.00	34.30 -0.53 0.00	40.94 -0.71 0.00	41.43 -0.68 0.00	46.65 -0.58 0.00	47.40 -0.47 0.00	48.02 -0.42 0.00	49.23 -0.55 0.00	47.43 -0.60 0.00	47.50 -0.61 0.00	48.36 -0.73 0.06	47.18 -0.71 0.02	42.69 -0.57 0.00
PUCKETT____SOLAR 323809	43.41 0.33 0.00	35.37 0.14 0.00	30.79 0.05 0.00	30.54 0.06 0.00	30.61 0.02 0.00	39.01 0.05 0.00	47.12 -0.04 0.00	49.14 -0.33 0.00	32.23 -0.42 0.00	33.18 -0.59 0.00	31.33 -0.44 0.00	34.25 -0.45 0.00	34.50 -0.34 0.00	41.28 -0.37 0.00	41.68 -0.43 0.00	47.12 -0.11 0.00	48.17 0.30 0.00	48.94 0.51 0.00	50.07 0.30 0.00	48.12 0.09 0.00	48.12 0.00 0.00	48.93 -0.18 0.04	47.81 -0.09 0.01	43.28 0.02 0.00
PYRITES____HYD 24023	44.12 1.04 0.00	36.39 1.16 0.00	31.83 1.09 0.00	31.55 1.08 0.00	31.78 1.20 0.00	40.45 1.49 0.00	48.88 1.72 0.00	51.27 1.80 0.00	33.44 0.78 0.00	34.28 0.51 0.00	32.30 0.53 0.00	35.19 0.48 0.00	35.15 0.31 0.00	41.84 0.19 0.00	41.93 -0.18 0.00	46.86 -0.37 0.00	47.43 -0.44 0.00	48.41 -0.03 0.00	50.46 0.69 0.00	48.83 0.80 0.00	48.81 0.70 0.00	50.03 0.88 0.00	48.89 0.98 0.00	44.04 0.78 0.00
QUAKERRD_115KV_BK1 80622	40.92 -2.16 0.00	33.19 -2.03 0.00	28.94 -1.80 0.00	28.67 -1.80 0.00	28.72 -1.87 0.00	36.66 -2.29 0.00	44.60 -2.55 0.00	47.10 -2.37 0.00	31.01 -1.65 0.00	32.54 -1.24 0.00	30.63 -1.15 0.00	33.54 -1.17 0.00	33.64 -1.19 0.00	39.94 -1.71 0.00	40.32 -1.79 0.00	45.41 -1.82 0.00	46.07 -1.80 0.00	46.79 -1.64 0.00	47.89 -1.88 0.00	45.97 -2.06 0.00	46.12 -2.00 0.00	46.75 -2.25 0.15	45.67 -2.19 0.05	41.49 -1.77 0.00
QUENSBRY_115KV_TB8 356137	44.74 1.66 0.00	36.54 1.32 0.00	31.98 1.24 0.00	31.67 1.20 0.00	31.83 1.24 0.00	40.69 1.73 0.00	49.24 2.09 0.00	51.56 2.09 0.00	33.75 1.10 0.00	34.49 0.72 0.00	31.72 -0.05 0.00	34.46 -0.25 0.00	34.34 -0.49 0.00	41.28 -0.37 0.00	41.98 -0.12 0.00	47.42 0.19 0.00	48.51 0.64 0.00	49.96 1.53 0.00	51.64 1.87 0.00	50.64 2.61 0.00	50.91 2.80 0.00	51.93 2.78 0.00	50.40 2.49 0.00	45.21 1.94 0.00

RAMAPO____LBMP 323565	44.80 1.72 0.00	36.41 1.18 0.00	31.65 0.90 0.00	31.31 0.84 0.00	31.41 0.82 0.00	39.94 0.98 0.00	48.43 1.27 0.00	50.79 1.32 0.00	33.90 1.25 0.00	35.18 1.41 0.00	33.32 1.55 0.00	36.61 1.91 0.00	37.10 2.27 0.00	44.57 2.91 0.00	45.02 2.91 0.00	50.28 3.05 0.00	50.69 2.83 0.00	50.91 2.47 0.00	51.94 2.18 0.00	50.11 2.09 0.00	50.18 2.07 0.00	51.37 2.21 0.00	50.39 2.48 0.00	45.45 2.18 0.00
RANKINE____ 23646	40.94 -2.14 0.00	32.97 -2.26 0.00	28.70 -2.04 0.00	28.45 -2.02 0.00	28.43 -2.16 0.00	36.35 -2.60 0.00	44.42 -2.73 0.00	47.14 -2.32 0.00	31.07 -1.59 0.00	33.08 -0.69 0.00	31.19 -0.58 0.00	34.21 -0.50 0.00	34.24 -0.60 0.00	40.39 -1.27 0.00	40.61 -1.50 0.00	45.66 -1.57 0.00	46.03 -1.84 0.00	46.84 -1.59 0.00	47.64 -2.12 0.00	45.22 -2.48 0.33	45.73 -2.37 0.01	46.31 -2.65 0.20	45.36 -2.50 0.05	41.46 -1.80 0.00
RAVENSWOOD_GT2_1 24244	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.47 0.00	37.67 2.83 0.00	45.24 3.59 0.00	45.73 3.62 0.00	50.99 3.76 0.00	51.18 3.32 0.00	51.17 2.74 0.00	52.19 2.42 0.00	50.37 2.34 0.00	50.44 2.34 0.00	51.81 2.67 0.00	50.99 3.08 0.00	46.03 2.77 0.00
RAVENSWOOD_GT2_2 24245	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.47 0.00	37.67 2.83 0.00	45.24 3.59 0.00	45.73 3.62 0.00	50.99 3.76 0.00	51.18 3.32 0.00	51.17 2.74 0.00	52.19 2.42 0.00	50.37 2.34 0.00	50.44 2.34 0.00	51.81 2.67 0.00	50.99 3.08 0.00	46.03 2.77 0.00
RAVENSWOOD_GT2_3 24246	45.44 2.36 0.00	36.93 1.71 0.00	32.07 1.33 0.00	31.72 1.26 0.00	31.81 1.23 0.00	40.38 1.43 0.00	48.97 1.81 0.00	51.33 1.86 0.00	34.39 1.73 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.20 2.49 0.00	37.69 2.85 0.00	45.26 3.61 0.00	45.76 3.66 0.00	51.02 3.79 0.00	51.22 3.35 0.00	51.20 2.76 0.00	52.22 2.45 0.00	50.41 2.38 0.00	50.47 2.36 0.00	51.85 2.70 0.00	51.02 3.11 0.00	46.04 2.78 0.00
RAVENSWOOD_GT2_4 24247	45.44 2.36 0.00	36.93 1.71 0.00	32.07 1.33 0.00	31.72 1.26 0.00	31.81 1.23 0.00	40.38 1.43 0.00	48.97 1.81 0.00	51.33 1.86 0.00	34.39 1.73 0.00	35.71 1.94 0.00	33.84 2.07 0.00	37.20 2.49 0.00	37.69 2.85 0.00	45.26 3.61 0.00	45.76 3.66 0.00	51.02 3.79 0.00	51.22 3.35 0.00	51.20 2.76 0.00	52.22 2.45 0.00	50.41 2.38 0.00	50.47 2.36 0.00	51.85 2.70 0.00	51.02 3.11 0.00	46.04 2.78 0.00
RAVENSWOOD_GT3_1 24248	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.67 2.84 0.00	45.24 3.59 0.00	45.73 3.62 0.00	50.99 3.77 0.00	51.18 3.32 0.00	51.17 2.74 0.00	52.19 2.42 0.00	50.37 2.34 0.00	50.45 2.34 0.00	51.82 2.67 0.00	50.99 3.08 0.00	46.03 2.77 0.00
RAVENSWOOD_GT3_2 24249	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.67 2.84 0.00	45.24 3.59 0.00	45.73 3.62 0.00	50.99 3.77 0.00	51.18 3.32 0.00	51.17 2.74 0.00	52.19 2.42 0.00	50.37 2.34 0.00	50.45 2.34 0.00	51.82 2.67 0.00	50.99 3.08 0.00	46.03 2.77 0.00
RAVENSWOOD_GT3_3 24250	45.50 2.42 0.00	36.98 1.75 0.00	32.10 1.37 0.00	31.76 1.29 0.00	31.85 1.26 0.00	40.43 1.47 0.00	49.02 1.86 0.00	51.40 1.93 0.00	34.43 1.77 0.00	35.76 1.99 0.00	33.88 2.11 0.00	37.25 2.54 0.00	37.75 2.91 0.00	45.33 3.67 0.00	45.82 3.71 0.00	51.10 3.87 0.00	51.29 3.42 0.00	51.27 2.83 0.00	52.29 2.52 0.00	50.48 2.45 0.00	50.55 2.44 0.00	51.92 2.77 0.00	51.09 3.18 0.00	46.10 2.84 0.00
RAVENSWOOD_GT3_4 24251	45.50 2.42 0.00	36.98 1.75 0.00	32.10 1.37 0.00	31.76 1.29 0.00	31.85 1.26 0.00	40.43 1.47 0.00	49.02 1.86 0.00	51.40 1.93 0.00	34.43 1.77 0.00	35.76 1.99 0.00	33.88 2.11 0.00	37.25 2.54 0.00	37.75 2.91 0.00	45.33 3.67 0.00	45.82 3.71 0.00	51.10 3.87 0.00	51.29 3.42 0.00	51.27 2.83 0.00	52.29 2.52 0.00	50.48 2.45 0.00	50.55 2.44 0.00	51.92 2.77 0.00	51.09 3.18 0.00	46.10 2.84 0.00
RAVENSWOOD_GT_1 23729	45.45 2.37 0.00	36.95 1.72 0.00	32.08 1.33 0.00	31.74 1.27 0.00	31.82 1.23 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.28 1.82 0.00	34.42 1.77 0.00	35.73 1.96 0.00	33.86 2.08 0.00	37.21 2.51 0.00	37.72 2.88 0.00	45.27 3.61 0.00	45.79 3.68 0.00	51.00 3.77 0.00	51.22 3.35 0.00	51.18 2.74 0.00	52.21 2.44 0.00	50.39 2.36 0.00	50.47 2.35 0.00	51.80 2.65 0.00	51.00 3.09 0.00	46.08 2.81 0.00
RAVENSWOOD_GT_10 24258	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.67 2.84 0.00	45.24 3.59 0.00	45.73 3.63 0.00	51.00 3.77 0.00	51.19 3.32 0.00	51.17 2.74 0.00	52.20 2.43 0.00	50.37 2.35 0.00	50.45 2.34 0.00	51.82 2.67 0.00	51.00 3.09 0.00	46.03 2.77 0.00
RAVENSWOOD_GT_11 24259	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.67 2.84 0.00	45.24 3.59 0.00	45.73 3.63 0.00	51.00 3.77 0.00	51.19 3.32 0.00	51.17 2.74 0.00	52.20 2.43 0.00	50.37 2.35 0.00	50.45 2.34 0.00	51.82 2.67 0.00	51.00 3.09 0.00	46.03 2.77 0.00
RAVENSWOOD_GT_4 24252	45.42 2.34 0.00	36.91 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.94 1.78 0.00	51.30 1.83 0.00	34.38 1.73 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.63 0.00	50.98 3.75 0.00	51.18 3.31 0.00	51.17 2.73 0.00	52.19 2.42 0.00	50.38 2.35 0.00	50.44 2.34 0.00	51.80 2.65 0.00	50.97 3.06 0.00	46.03 2.77 0.00
RAVENSWOOD_GT_5 24254	45.42 2.34 0.00	36.91 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.94 1.78 0.00	51.30 1.83 0.00	34.38 1.73 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.63 0.00	50.98 3.75 0.00	51.18 3.31 0.00	51.17 2.73 0.00	52.19 2.42 0.00	50.38 2.35 0.00	50.44 2.34 0.00	51.80 2.65 0.00	50.97 3.06 0.00	46.03 2.77 0.00

RAVENSWOOD_GT_6 24253	45.42 2.34 0.00	36.91 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.94 1.78 0.00	51.30 1.83 0.00	34.38 1.73 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.63 0.00	50.98 3.75 0.00	51.18 3.31 0.00	51.17 2.73 0.00	52.19 2.42 0.00	50.38 2.35 0.00	50.44 2.34 0.00	51.80 2.65 0.00	50.97 3.06 0.00	46.03 2.77 0.00
RAVENSWOOD_GT_7 24255	45.42 2.34 0.00	36.91 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.79 1.21 0.00	40.37 1.41 0.00	48.94 1.78 0.00	51.30 1.83 0.00	34.38 1.73 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.17 2.46 0.00	37.67 2.83 0.00	45.23 3.58 0.00	45.73 3.63 0.00	50.98 3.75 0.00	51.18 3.31 0.00	51.17 2.73 0.00	52.19 2.42 0.00	50.38 2.35 0.00	50.44 2.34 0.00	51.80 2.65 0.00	50.97 3.06 0.00	46.03 2.77 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.67 2.84 0.00	45.24 3.59 0.00	45.73 3.63 0.00	51.00 3.77 0.00	51.19 3.32 0.00	51.17 2.74 0.00	52.20 2.43 0.00	50.37 2.35 0.00	50.45 2.34 0.00	51.82 2.67 0.00	51.00 3.09 0.00	46.03 2.77 0.00
RAVENSWOOD_GT_9 24257	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.95 1.79 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.67 2.84 0.00	45.24 3.59 0.00	45.73 3.63 0.00	51.00 3.77 0.00	51.19 3.32 0.00	51.17 2.74 0.00	52.20 2.43 0.00	50.37 2.35 0.00	50.45 2.34 0.00	51.82 2.67 0.00	51.00 3.09 0.00	46.03 2.77 0.00
RAVENSWOOD___1 23533	45.42 2.34 0.00	36.92 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.35 1.39 0.00	48.92 1.76 0.00	51.27 1.80 0.00	34.40 1.74 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.17 2.46 0.00	37.68 2.84 0.00	45.22 3.57 0.00	45.75 3.64 0.00	50.97 3.74 0.00	51.19 3.32 0.00	51.15 2.71 0.00	52.18 2.41 0.00	50.36 2.33 0.00	50.44 2.33 0.00	51.77 2.62 0.00	50.96 3.05 0.00	46.05 2.78 0.00
RAVENSWOOD___2 23534	45.41 2.33 0.00	36.92 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.35 1.39 0.00	48.92 1.76 0.00	51.27 1.80 0.00	34.40 1.74 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.17 2.46 0.00	37.68 2.84 0.00	45.22 3.57 0.00	45.75 3.64 0.00	50.97 3.74 0.00	51.19 3.32 0.00	51.15 2.71 0.00	52.18 2.41 0.00	50.36 2.33 0.00	50.44 2.33 0.00	51.77 2.62 0.00	50.96 3.05 0.00	46.05 2.78 0.00
RAVENSWOOD___3 23535	45.43 2.35 0.00	36.91 1.69 0.00	32.06 1.32 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.38 1.42 0.00	48.96 1.80 0.00	51.31 1.84 0.00	34.37 1.72 0.00	35.69 1.92 0.00	33.82 2.04 0.00	37.18 2.47 0.00	37.68 2.84 0.00	45.24 3.59 0.00	45.74 3.63 0.00	51.00 3.77 0.00	51.19 3.32 0.00	51.17 2.74 0.00	52.19 2.42 0.00	50.38 2.35 0.00	50.45 2.34 0.00	51.82 2.67 0.00	51.00 3.09 0.00	46.03 2.77 0.00
RAVENSWOOD___4 23820	45.42 2.34 0.00	36.92 1.69 0.00	32.05 1.31 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.35 1.39 0.00	48.92 1.76 0.00	51.27 1.80 0.00	34.40 1.74 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.17 2.46 0.00	37.68 2.84 0.00	45.22 3.57 0.00	45.75 3.64 0.00	50.97 3.74 0.00	51.19 3.32 0.00	51.15 2.71 0.00	52.18 2.41 0.00	50.36 2.33 0.00	50.44 2.33 0.00	51.77 2.62 0.00	50.96 3.05 0.00	46.05 2.78 0.00
RCPI_TRUST___DRP 24196	45.47 2.39 0.00	36.95 1.72 0.00	32.09 1.35 0.00	31.74 1.27 0.00	31.83 1.25 0.00	40.43 1.47 0.00	49.02 1.86 0.00	51.39 1.92 0.00	34.40 1.75 0.00	35.74 1.97 0.00	33.87 2.10 0.00	37.23 2.52 0.00	37.72 2.88 0.00	45.29 3.64 0.00	45.78 3.67 0.00	51.06 3.83 0.00	51.32 3.45 0.00	51.38 2.95 0.00	52.39 2.62 0.00	50.57 2.54 0.00	50.64 2.53 0.00	51.93 2.78 0.00	51.04 3.13 0.00	46.05 2.79 0.00
RED___ROCHESTER 323720	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.67 -1.49 0.00	48.31 -1.16 0.00	31.79 -0.87 0.00	33.47 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.63 -0.24 0.00	48.40 -0.04 0.00	49.47 -0.30 0.00	47.44 -0.59 0.00	47.59 -0.53 0.00	48.19 -0.80 0.15	47.05 -0.81 0.06	42.75 -0.51 0.00
REGAN___SOLAR 323812	44.93 1.85 0.00	36.73 1.51 0.00	32.01 1.27 0.00	31.72 1.25 0.00	31.82 1.23 0.00	40.54 1.58 0.00	49.13 1.97 0.00	51.24 1.77 0.00	33.13 0.47 0.00	33.67 -0.10 0.00	31.56 -0.22 0.00	34.42 -0.28 0.00	34.53 -0.31 0.00	41.48 -0.17 0.00	42.15 0.04 0.00	47.42 0.19 0.00	48.36 0.49 0.00	49.64 1.21 0.00	52.19 2.42 0.00	50.58 2.55 0.00	50.66 2.55 0.00	51.67 2.52 0.00	50.31 2.40 0.00	45.33 2.07 0.00
RENSSELAER___COGEN 23796	43.41 0.33 0.00	35.47 0.24 0.00	31.03 0.28 0.00	30.72 0.25 0.00	30.86 0.26 0.00	39.34 0.37 0.00	47.46 0.31 0.00	49.85 0.39 0.00	32.93 0.27 0.00	33.96 0.19 0.00	31.77 -0.01 0.00	34.66 -0.04 0.00	34.83 0.00 0.00	41.80 0.15 0.00	42.35 0.24 0.00	47.48 0.25 0.00	48.16 0.29 0.00	48.56 0.12 0.00	49.98 0.21 0.00	48.48 0.45 0.00	48.66 0.54 0.00	49.87 0.72 0.00	48.58 0.67 0.00	43.80 0.53 0.00
REPUBLIC_115KV_BARTNBRK 55605	46.91 3.83 0.00	38.23 3.01 0.00	33.60 2.86 0.00	33.22 2.75 0.00	33.44 2.85 0.00	42.92 3.96 0.00	51.96 4.80 0.00	54.22 4.75 0.00	35.00 2.35 0.00	35.53 1.76 0.00	32.21 0.44 0.00	34.84 0.13 0.00	34.59 -0.25 0.00	41.53 -0.13 0.00	42.38 0.27 0.00	48.25 1.02 0.00	49.75 1.88 0.00	52.11 3.68 0.00	54.02 4.25 0.00	53.72 5.69 0.00	54.13 6.02 0.00	54.87 5.73 0.00	52.94 5.03 0.00	47.10 3.84 0.00
REVERE_CPPR_DRP 24186	44.37 1.29 0.00	36.17 0.95 0.00	31.51 0.77 0.00	31.20 0.73 0.00	31.35 0.75 0.00	39.96 1.00 0.00	48.36 1.21 0.00	50.58 1.11 0.00	33.01 0.35 0.00	33.84 0.07 0.00	31.82 0.04 0.00	34.77 0.07 0.00	34.90 0.06 0.00	41.76 0.10 0.00	42.36 0.25 0.00	47.96 0.73 0.00	48.81 0.95 0.00	50.01 1.57 0.00	51.47 1.70 0.00	49.65 1.62 0.00	49.70 1.58 0.00	50.54 1.41 0.03	49.15 1.24 0.01	44.26 1.00 0.00
REYNLDPA_13_KV_LD 356490	43.25 0.17 0.00	35.63 0.41 0.00	31.22 0.48 0.00	30.94 0.47 0.00	31.07 0.48 0.00	39.48 0.52 0.00	47.64 0.48 0.00	50.09 0.62 0.00	33.19 0.53 0.00	34.15 0.38 0.00	32.19 0.41 0.00	35.11 0.40 0.00	35.11 0.28 0.00	41.82 0.16 0.00	42.09 -0.02 0.00	47.05 -0.18 0.00	47.52 -0.35 0.00	48.40 -0.03 0.00	50.01 0.25 0.00	48.11 0.08 0.00	48.03 -0.08 0.00	49.00 -0.15 0.00	47.68 -0.23 0.00	43.08 -0.18 0.00

REYNOLDS_115KV_TB3 80639	43.72 0.64 0.00	35.72 0.49 0.00	31.27 0.53 0.00	30.93 0.46 0.00	31.08 0.49 0.00	39.65 0.70 0.00	47.85 0.70 0.00	50.24 0.77 0.00	33.19 0.53 0.00	34.22 0.44 0.00	31.96 0.19 0.00	34.87 0.16 0.00	35.02 0.18 0.00	42.05 0.40 0.00	42.58 0.47 0.00	47.74 0.51 0.00	48.45 0.58 0.00	48.83 0.40 0.00	50.24 0.48 0.00	48.78 0.75 0.00	48.99 0.87 0.00	50.24 1.09 0.00	48.94 1.03 0.00	44.10 0.84 0.00
RIVERBAY____ 323610	46.09 3.02 0.00	37.48 2.25 0.00	32.58 1.83 0.00	32.26 1.79 0.00	32.34 1.75 0.00	41.06 2.10 0.00	49.75 2.59 0.00	52.09 2.62 0.00	34.98 2.33 0.00	36.26 2.49 0.00	34.35 2.58 0.00	37.70 2.99 0.00	38.21 3.37 0.00	45.83 4.18 0.00	46.36 4.25 0.00	51.69 4.46 0.00	52.06 4.19 0.00	52.09 3.65 0.00	53.13 3.36 0.00	51.24 3.21 0.00	51.34 3.22 0.00	52.64 3.50 0.00	51.76 3.85 0.00	46.76 3.50 0.00
RIVERSDE_115KV_TB3 55908	43.60 0.52 0.00	35.62 0.39 0.00	31.17 0.43 0.00	30.85 0.37 0.00	30.98 0.40 0.00	39.51 0.56 0.00	47.67 0.52 0.00	50.08 0.61 0.00	33.07 0.41 0.00	34.10 0.33 0.00	31.88 0.10 0.00	34.77 0.07 0.00	34.94 0.10 0.00	41.96 0.31 0.00	42.49 0.39 0.00	47.65 0.43 0.00	48.36 0.49 0.00	48.77 0.33 0.00	50.17 0.40 0.00	48.68 0.65 0.00	48.87 0.75 0.00	50.10 0.96 0.00	48.81 0.90 0.00	43.99 0.73 0.00
ROARING____BROOK_WT_PWR 323790	43.02 -0.06 0.00	35.17 -0.06 0.00	30.58 -0.16 0.00	30.37 -0.10 0.00	30.54 -0.04 0.00	38.83 -0.13 0.00	46.92 -0.24 0.00	49.12 -0.35 0.00	32.34 -0.32 0.00	33.47 -0.31 0.00	31.61 -0.16 0.00	34.46 -0.25 0.00	34.49 -0.34 0.00	41.19 -0.47 0.00	41.70 -0.40 0.00	46.72 -0.51 0.00	47.33 -0.54 0.00	47.95 -0.49 0.00	49.28 -0.49 0.00	47.31 -0.72 0.00	47.21 -0.90 0.00	48.19 -0.96 0.00	46.83 -1.08 0.00	42.30 -0.96 0.00
ROCHESRG_115KV_T4 355643	41.48 -1.60 0.00	33.61 -1.62 0.00	29.29 -1.45 0.00	29.02 -1.44 0.00	29.06 -1.53 0.00	37.12 -1.64 0.00	45.19 -1.97 0.00	47.79 -1.68 0.00	31.46 -1.20 0.00	33.12 -0.65 0.00	31.18 -0.59 0.00	34.15 -0.56 0.00	34.24 -0.59 0.00	40.58 -1.08 0.00	40.92 -1.19 0.00	46.08 -1.15 0.00	46.73 -1.14 0.00	47.48 -0.96 0.00	48.56 -1.21 0.00	46.53 -1.46 0.04	46.74 -1.37 0.00	47.35 -1.63 0.17	46.28 -1.57 0.06	42.10 -1.16 0.00
ROCHESTER_9_IC 23652	41.79 -1.29 0.00	33.84 -1.39 0.00	29.50 -1.25 0.00	29.21 -1.26 0.00	29.25 -1.34 0.00	37.36 -1.60 0.00	45.49 -1.67 0.00	48.10 -1.37 0.00	31.65 -1.00 0.00	33.33 -0.44 0.00	31.39 -0.38 0.00	34.40 -0.31 0.00	34.52 -0.32 0.00	40.93 -0.72 0.00	41.30 -0.81 0.00	46.56 -0.67 0.00	47.25 -0.62 0.00	48.02 -0.41 0.00	49.10 -0.67 0.00	47.08 -0.95 0.00	47.24 -0.87 0.00	47.84 -1.15 0.15	46.74 -1.12 0.06	42.49 -0.78 0.00
ROCKVIEW_13_KV_LD 356306	45.44 2.37 0.00	36.92 1.70 0.00	32.08 1.34 0.00	31.72 1.25 0.00	31.83 1.24 0.00	40.43 1.47 0.00	49.01 1.85 0.00	51.38 1.91 0.00	34.37 1.71 0.00	35.70 1.93 0.00	33.81 2.04 0.00	37.16 2.45 0.00	37.65 2.81 0.00	45.21 3.56 0.00	45.71 3.60 0.00	51.01 3.78 0.00	51.34 3.47 0.00	51.46 3.02 0.00	52.47 2.70 0.00	50.65 2.62 0.00	50.73 2.61 0.00	52.00 2.85 0.00	51.03 3.12 0.00	46.05 2.79 0.00
ROME____115KV_TB2 80656	44.37 1.29 0.00	36.17 0.95 0.00	31.51 0.77 0.00	31.20 0.73 0.00	31.35 0.75 0.00	39.96 1.00 0.00	48.36 1.21 0.00	50.58 1.11 0.00	33.01 0.35 0.00	33.84 0.07 0.00	31.82 0.04 0.00	34.77 0.07 0.00	34.90 0.06 0.00	41.76 0.10 0.00	42.36 0.25 0.00	47.96 0.73 0.00	48.81 0.95 0.00	50.01 1.57 0.00	51.47 1.70 0.00	49.65 1.62 0.00	49.70 1.58 0.00	50.54 1.41 0.03	49.15 1.24 0.01	44.26 1.00 0.00
ROSETON____1 23587	44.77 1.69 0.00	36.41 1.18 0.00	31.67 0.92 0.00	31.34 0.87 0.00	31.44 0.85 0.00	39.98 1.03 0.00	48.48 1.32 0.00	50.82 1.35 0.00	33.88 1.22 0.00	35.15 1.37 0.00	33.21 1.44 0.00	36.44 1.73 0.00	36.84 2.00 0.00	44.22 2.57 0.00	44.68 2.58 0.00	49.92 2.69 0.00	50.37 2.50 0.00	50.62 2.19 0.00	51.73 1.96 0.00	49.97 1.94 0.00	50.07 1.96 0.00	51.29 2.14 0.00	50.25 2.34 0.00	45.31 2.05 0.00
ROSETON____2 23588	44.77 1.69 0.00	36.41 1.18 0.00	31.67 0.92 0.00	31.34 0.87 0.00	31.44 0.85 0.00	39.98 1.03 0.00	48.48 1.32 0.00	50.82 1.35 0.00	33.88 1.22 0.00	35.15 1.37 0.00	33.21 1.44 0.00	36.44 1.73 0.00	36.84 2.00 0.00	44.22 2.57 0.00	44.68 2.58 0.00	49.92 2.69 0.00	50.37 2.50 0.00	50.62 2.19 0.00	51.73 1.96 0.00	49.97 1.94 0.00	50.07 1.96 0.00	51.29 2.14 0.00	50.25 2.34 0.00	45.31 2.05 0.00
ROTTTRDAM_115KV_TB3 80664	43.95 0.87 0.00	35.88 0.66 0.00	31.33 0.59 0.00	31.05 0.58 0.00	31.17 0.58 0.00	39.74 0.78 0.00	48.11 0.95 0.00	50.37 0.90 0.00	33.18 0.53 0.00	34.21 0.44 0.00	32.05 0.27 0.00	34.97 0.26 0.00	35.11 0.28 0.00	42.14 0.48 0.00	42.66 0.55 0.00	47.88 0.64 0.00	48.61 0.74 0.00	49.23 0.80 0.00	50.70 0.93 0.00	49.13 1.10 0.00	49.28 1.17 0.00	50.42 1.27 0.00	49.13 1.22 0.00	44.31 1.04 0.00
RUSSELL____1 23602	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.68 -1.47 0.00	48.31 -1.16 0.00	31.78 -0.87 0.00	33.46 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.62 -0.24 0.00	48.40 -0.04 0.00	49.46 -0.31 0.00	47.43 -0.60 0.00	47.58 -0.53 0.00	48.19 -0.80 0.15	47.04 -0.82 0.06	42.75 -0.51 0.00
RUSSELL____2 23532	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.68 -1.47 0.00	48.31 -1.16 0.00	31.78 -0.87 0.00	33.46 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.62 -0.24 0.00	48.40 -0.04 0.00	49.46 -0.31 0.00	47.43 -0.60 0.00	47.58 -0.53 0.00	48.19 -0.80 0.15	47.04 -0.82 0.06	42.75 -0.51 0.00
RUSSELL____3 23549	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.68 -1.47 0.00	48.31 -1.16 0.00	31.78 -0.87 0.00	33.46 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.62 -0.24 0.00	48.40 -0.04 0.00	49.46 -0.31 0.00	47.43 -0.60 0.00	47.58 -0.53 0.00	48.19 -0.80 0.15	47.04 -0.82 0.06	42.75 -0.51 0.00
RUSSELL____4 23556	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.68 -1.47 0.00	48.31 -1.16 0.00	31.78 -0.87 0.00	33.46 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.62 -0.24 0.00	48.40 -0.04 0.00	49.46 -0.31 0.00	47.43 -0.60 0.00	47.58 -0.53 0.00	48.19 -0.80 0.15	47.04 -0.82 0.06	42.75 -0.51 0.00

RUSSELL___STATION 23914	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.68 -1.47 0.00	48.31 -1.16 0.00	31.78 -0.87 0.00	33.46 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.62 -0.24 0.00	48.40 -0.04 0.00	49.46 -0.31 0.00	47.43 -0.60 0.00	47.58 -0.53 0.00	48.19 -0.80 0.15	47.04 -0.82 0.06	42.75 -0.51 0.00
S SALMON___HYD 24043	42.78 -0.30 0.00	34.92 -0.31 0.00	30.41 -0.33 0.00	30.10 -0.37 0.00	30.27 -0.32 0.00	38.55 -0.41 0.00	46.66 -0.50 0.00	48.81 -0.66 0.00	31.96 -0.69 0.00	32.93 -0.84 0.00	31.05 -0.72 0.00	33.88 -0.82 0.00	33.92 -0.92 0.00	40.37 -1.29 0.00	40.91 -1.20 0.00	46.04 -1.19 0.00	46.81 -1.06 0.00	47.67 -0.77 0.00	49.23 -0.54 0.00	47.58 -0.45 0.00	47.63 -0.49 0.00	48.48 -0.70 -0.03	47.18 -0.74 -0.01	42.52 -0.74 0.00
S.PERRY___115KV_TB1 80734	42.61 -0.46 0.00	34.36 -0.87 0.00	29.87 -0.87 0.00	29.61 -0.86 0.00	29.62 -0.98 0.00	37.79 -1.17 0.00	46.05 -1.11 0.00	48.67 -0.80 0.00	31.56 -1.10 0.00	32.87 -0.90 0.00	31.02 -0.76 0.00	34.02 -0.69 0.00	34.24 -0.60 0.00	40.45 -1.20 0.00	40.87 -1.24 0.00	46.74 -0.49 0.00	47.71 -0.16 0.00	48.77 0.34 0.00	49.77 0.00 0.00	48.70 -0.37 -1.04	47.73 -0.41 -0.03	48.55 -0.66 -0.06	47.18 -0.69 0.04	42.93 -0.33 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	40.65 -2.43 0.00	32.73 -2.50 0.00	28.52 -2.23 0.00	28.25 -2.22 0.00	28.24 -2.35 0.00	36.11 -2.85 0.00	44.12 -3.04 0.00	46.89 -2.58 0.00	30.92 -1.73 0.00	32.95 -0.82 0.00	31.06 -0.72 0.00	34.02 -0.68 0.00	34.04 -0.80 0.00	40.08 -1.58 0.00	40.27 -1.84 0.00	45.20 -2.03 0.00	45.53 -2.34 0.00	46.35 -2.09 0.00	47.23 -2.54 0.00	44.84 -2.88 0.31	45.36 -2.74 0.01	45.95 -3.01 0.20	45.05 -2.82 0.05	41.20 -2.07 0.00
SAWYER___23_KV_LOAD 55526	40.65 -2.43 0.00	32.73 -2.50 0.00	28.52 -2.23 0.00	28.25 -2.22 0.00	28.24 -2.35 0.00	36.11 -2.85 0.00	44.12 -3.04 0.00	46.89 -2.58 0.00	30.92 -1.73 0.00	32.95 -0.82 0.00	31.06 -0.72 0.00	34.02 -0.68 0.00	34.04 -0.80 0.00	40.08 -1.58 0.00	40.27 -1.84 0.00	45.20 -2.03 0.00	45.53 -2.34 0.00	46.35 -2.09 0.00	47.23 -2.54 0.00	44.84 -2.88 0.31	45.36 -2.74 0.01	45.95 -3.01 0.20	45.05 -2.82 0.05	41.20 -2.07 0.00
SELKIRK___I 23801	43.85 0.77 0.00	35.79 0.56 0.00	31.29 0.55 0.00	31.01 0.54 0.00	31.14 0.55 0.00	39.70 0.75 0.00	47.97 0.81 0.00	50.30 0.84 0.00	33.15 0.50 0.00	34.10 0.33 0.00	31.92 0.15 0.00	34.82 0.12 0.00	34.99 0.16 0.00	42.01 0.36 0.00	42.57 0.46 0.00	47.72 0.49 0.00	48.40 0.53 0.00	48.91 0.48 0.00	50.45 0.68 0.00	48.92 0.89 0.00	49.08 0.97 0.00	50.27 1.12 0.00	49.00 1.09 0.00	44.19 0.93 0.00
SELKIRK___II 23799	43.60 0.52 0.00	35.59 0.36 0.00	31.11 0.37 0.00	30.82 0.35 0.00	30.96 0.37 0.00	39.46 0.50 0.00	47.66 0.50 0.00	50.02 0.55 0.00	33.05 0.39 0.00	34.11 0.34 0.00	31.96 0.18 0.00	34.89 0.19 0.00	35.08 0.24 0.00	42.09 0.43 0.00	42.62 0.52 0.00	47.76 0.53 0.00	48.41 0.54 0.00	48.82 0.39 0.00	50.20 0.43 0.00	48.66 0.63 0.00	48.83 0.72 0.00	50.01 0.86 0.00	48.76 0.85 0.00	43.97 0.71 0.00
SENECA OSWGO___HYD 24041	41.94 -1.14 0.00	34.26 -0.96 0.00	29.86 -0.88 0.00	29.60 -0.86 0.00	29.71 -0.88 0.00	37.84 -1.12 0.00	45.86 -1.30 0.00	48.12 -1.34 0.00	31.66 -1.00 0.00	32.77 -1.00 0.00	30.85 -0.93 0.00	33.73 -0.97 0.00	33.83 -1.01 0.00	40.29 -1.37 0.00	40.80 -1.31 0.00	45.90 -1.33 0.00	46.61 -1.25 0.00	47.32 -1.11 0.00	48.60 -1.17 0.00	46.85 -1.18 0.00	46.94 -1.18 0.00	47.97 -1.29 -0.11	46.68 -1.26 -0.04	42.18 -1.08 0.00
SENECA___115KV_TB3 355854	41.00 -2.08 0.00	33.02 -2.21 0.00	28.74 -2.00 0.00	28.48 -1.98 0.00	28.47 -2.12 0.00	36.40 -2.56 0.00	44.47 -2.69 0.00	47.20 -2.26 0.00	31.10 -1.55 0.00	33.13 -0.64 0.00	31.24 -0.54 0.00	34.25 -0.45 0.00	34.29 -0.55 0.00	40.46 -1.20 0.00	40.67 -1.43 0.00	45.75 -1.48 0.00	46.13 -1.74 0.00	46.93 -1.51 0.00	47.74 -2.03 0.00	45.29 -2.40 0.33	45.81 -2.30 0.01	46.40 -2.55 0.20	45.45 -2.42 0.05	41.53 -1.73 0.00
SENECA___ENERGY 23797	42.28 -0.80 0.00	34.39 -0.84 0.00	29.95 -0.80 0.00	29.69 -0.78 0.00	29.76 -0.83 0.00	37.95 -1.01 0.00	46.01 -1.15 0.00	48.32 -1.15 0.00	31.77 -0.89 0.00	32.98 -0.79 0.00	31.07 -0.70 0.00	33.95 -0.75 0.00	34.13 -0.70 0.00	40.74 -0.91 0.00	41.16 -0.95 0.00	46.46 -0.77 0.00	47.31 -0.55 0.00	48.07 -0.37 0.00	49.23 -0.54 0.00	47.45 -0.65 -0.07	47.38 -0.74 0.00	48.21 -0.93 0.02	47.06 -0.85 0.01	42.67 -0.59 0.00
SHOEMAKER___GT 23640	44.54 1.47 0.00	36.24 1.01 0.00	31.52 0.78 0.00	31.20 0.73 0.00	31.30 0.72 0.00	39.81 0.85 0.00	48.26 1.10 0.00	50.58 1.11 0.00	33.64 0.98 0.00	34.84 1.07 0.00	32.90 1.12 0.00	36.06 1.36 0.00	36.47 1.64 0.00	43.77 2.12 0.00	44.23 2.13 0.00	49.46 2.23 0.00	50.09 2.22 0.00	50.45 2.02 0.00	51.63 1.87 0.00	49.87 1.84 0.00	49.94 1.83 0.00	51.09 1.94 0.00	50.02 2.10 0.00	45.10 1.84 0.00
SHOEMAKR_138KV_BK 111 55601	44.53 1.45 0.00	36.22 1.00 0.00	31.51 0.77 0.00	31.19 0.72 0.00	31.29 0.70 0.00	39.79 0.84 0.00	48.23 1.08 0.00	50.57 1.10 0.00	33.65 0.99 0.00	34.86 1.09 0.00	32.93 1.16 0.00	36.12 1.41 0.00	36.52 1.69 0.00	43.83 2.18 0.00	44.29 2.18 0.00	49.52 2.29 0.00	50.10 2.24 0.00	50.46 2.02 0.00	51.61 1.84 0.00	49.84 1.80 0.00	49.92 1.81 0.00	51.06 1.91 0.00	49.99 2.08 0.00	45.08 1.82 0.00
SHOREHAM_IC_1 23715	45.14 2.06 0.00	36.52 1.30 0.00	32.29 1.55 0.00	31.91 1.44 0.00	32.20 1.61 0.00	40.28 1.32 0.00	48.43 1.27 0.00	50.23 0.77 0.00	33.78 1.13 0.00	35.22 1.45 0.00	33.33 1.55 0.00	36.66 1.95 0.00	37.32 2.48 0.00	45.10 3.45 0.00	45.93 3.76 -0.06	51.27 4.04 0.00	52.03 3.86 -0.30	52.08 3.40 -0.24	52.57 2.80 0.00	50.91 2.89 0.00	50.85 2.74 0.00	51.70 2.54 0.00	50.57 2.66 0.00	45.59 2.33 0.00
SHOREHAM_IC_2 23716	45.14 2.06 0.00	36.52 1.30 0.00	32.29 1.55 0.00	31.91 1.44 0.00	32.20 1.61 0.00	40.28 1.32 0.00	48.43 1.27 0.00	50.23 0.77 0.00	33.78 1.13 0.00	35.22 1.45 0.00	33.33 1.55 0.00	36.66 1.95 0.00	37.32 2.48 0.00	45.10 3.45 0.00	45.93 3.76 -0.06	51.27 4.04 0.00	52.03 3.86 -0.30	52.08 3.40 -0.24	52.57 2.80 0.00	50.91 2.89 0.00	50.85 2.74 0.00	51.70 2.54 0.00	50.57 2.66 0.00	45.59 2.33 0.00
SISSONVILLE___ 23735	43.46 0.38 0.00	35.84 0.62 0.00	31.35 0.61 0.00	31.07 0.60 0.00	31.33 0.74 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.52 1.05 0.00	33.15 0.49 0.00	34.06 0.28 0.00	32.11 0.34 0.00	34.98 0.28 0.00	34.95 0.12 0.00	41.59 -0.06 0.00	41.66 -0.45 0.00	46.56 -0.67 0.00	46.90 -0.97 0.00	47.84 -0.59 0.00	49.69 -0.08 0.00	47.93 -0.09 0.00	47.89 -0.22 0.00	49.14 -0.01 0.00	48.07 0.16 0.00	43.30 0.03 0.00

SITHE_IND_GS1 24169	41.58 -1.51 0.00	34.00 -1.23 0.00	29.65 -1.09 0.00	29.39 -1.08 0.00	29.50 -1.09 0.00	37.57 -1.39 0.00	45.52 -1.63 0.00	47.80 -1.67 0.00	31.50 -1.16 0.00	32.65 -1.12 0.00	30.74 -1.04 0.00	33.58 -1.12 0.00	33.67 -1.17 0.00	40.08 -1.58 0.00	40.54 -1.57 0.00	45.55 -1.67 0.00	46.23 -1.64 0.00	46.81 -1.63 0.00	48.05 -1.72 0.00	46.32 -1.71 0.00	46.40 -1.71 0.00	46.27 -1.82 1.07	45.79 -1.74 0.38	41.78 -1.49 0.00
SITHE_IND_GS2 24170	41.58 -1.51 0.00	34.00 -1.23 0.00	29.65 -1.09 0.00	29.39 -1.08 0.00	29.50 -1.09 0.00	37.57 -1.39 0.00	45.52 -1.63 0.00	47.80 -1.67 0.00	31.50 -1.16 0.00	32.65 -1.12 0.00	30.74 -1.04 0.00	33.58 -1.12 0.00	33.67 -1.17 0.00	40.08 -1.58 0.00	40.54 -1.57 0.00	45.55 -1.67 0.00	46.23 -1.64 0.00	46.81 -1.63 0.00	48.05 -1.72 0.00	46.32 -1.71 0.00	46.40 -1.71 0.00	46.27 -1.82 1.07	45.79 -1.74 0.38	41.78 -1.49 0.00
SITHE_IND_GS3 24171	41.58 -1.51 0.00	34.00 -1.23 0.00	29.65 -1.09 0.00	29.39 -1.08 0.00	29.50 -1.09 0.00	37.57 -1.39 0.00	45.52 -1.63 0.00	47.80 -1.67 0.00	31.50 -1.16 0.00	32.65 -1.12 0.00	30.74 -1.04 0.00	33.58 -1.12 0.00	33.67 -1.17 0.00	40.08 -1.58 0.00	40.54 -1.57 0.00	45.55 -1.67 0.00	46.23 -1.64 0.00	46.81 -1.63 0.00	48.05 -1.72 0.00	46.32 -1.71 0.00	46.40 -1.71 0.00	46.27 -1.82 1.07	45.79 -1.74 0.38	41.78 -1.49 0.00
SITHE_IND_GS4 24172	41.58 -1.51 0.00	34.00 -1.23 0.00	29.65 -1.09 0.00	29.39 -1.08 0.00	29.50 -1.09 0.00	37.57 -1.39 0.00	45.52 -1.63 0.00	47.80 -1.67 0.00	31.50 -1.16 0.00	32.65 -1.12 0.00	30.74 -1.04 0.00	33.58 -1.12 0.00	33.67 -1.17 0.00	40.08 -1.58 0.00	40.54 -1.57 0.00	45.55 -1.67 0.00	46.23 -1.64 0.00	46.81 -1.63 0.00	48.05 -1.72 0.00	46.32 -1.71 0.00	46.40 -1.71 0.00	46.27 -1.82 1.07	45.79 -1.74 0.38	41.78 -1.49 0.00
SITHE___BATAVIA 24024	41.84 -1.24 0.00	33.70 -1.53 0.00	29.39 -1.35 0.00	29.10 -1.37 0.00	29.12 -1.47 0.00	37.19 -1.77 0.00	45.39 -1.77 0.00	48.22 -1.25 0.00	31.59 -1.07 0.00	33.28 -0.49 0.00	31.22 -0.56 0.00	34.11 -0.59 0.00	34.18 -0.66 0.00	40.31 -1.34 0.00	40.68 -1.43 0.00	46.02 -1.21 0.00	47.25 -0.62 0.00	48.23 -0.20 0.00	49.24 -0.53 0.00	47.06 -0.82 0.15	47.37 -0.73 0.01	47.99 -0.99 0.18	46.86 -1.00 0.05	42.67 -0.59 0.00
SITHE___INDEPEND 23800	41.58 -1.51 0.00	34.00 -1.23 0.00	29.65 -1.09 0.00	29.39 -1.08 0.00	29.50 -1.09 0.00	37.57 -1.39 0.00	45.52 -1.63 0.00	47.80 -1.67 0.00	31.50 -1.15 0.00	32.65 -1.12 0.00	30.74 -1.04 0.00	33.59 -1.12 0.00	33.67 -1.17 0.00	40.08 -1.58 0.00	40.54 -1.57 0.00	45.56 -1.67 0.00	46.23 -1.64 0.00	46.81 -1.62 0.00	48.04 -1.73 0.00	46.32 -1.71 0.00	46.40 -1.71 0.00	46.27 -1.82 1.07	45.80 -1.74 0.38	41.78 -1.49 0.00
SITHE___MASSENA 23902	43.33 0.25 0.00	35.73 0.51 0.00	31.27 0.54 0.00	31.01 0.54 0.00	31.17 0.57 0.00	39.64 0.68 0.00	47.86 0.70 0.00	50.29 0.82 0.00	33.16 0.51 0.00	34.19 0.42 0.00	32.21 0.44 0.00	35.12 0.42 0.00	35.13 0.29 0.00	41.88 0.22 0.00	42.09 -0.02 0.00	47.07 -0.16 0.00	47.61 -0.26 0.00	48.45 0.01 0.00	50.12 0.35 0.00	48.20 0.18 0.00	48.18 0.07 0.00	49.18 0.03 0.00	47.85 -0.06 0.00	43.17 -0.09 0.00
SITHE___OGDNSBRG 24021	44.04 0.96 0.00	36.34 1.11 0.00	31.80 1.06 0.00	31.52 1.05 0.00	31.72 1.14 0.00	40.36 1.40 0.00	48.77 1.62 0.00	51.16 1.69 0.00	33.41 0.75 0.00	34.30 0.53 0.00	32.32 0.55 0.00	35.19 0.48 0.00	35.19 0.35 0.00	41.91 0.25 0.00	42.04 -0.07 0.00	46.99 -0.23 0.00	47.58 -0.29 0.00	48.54 0.10 0.00	50.61 0.84 0.00	48.94 0.91 0.00	48.92 0.80 0.00	50.03 0.89 0.00	48.78 0.87 0.00	43.97 0.70 0.00
SITHE___STERLING 23777	43.93 0.85 0.00	35.82 0.59 0.00	31.21 0.47 0.00	30.91 0.44 0.00	31.05 0.46 0.00	39.56 0.60 0.00	47.92 0.76 0.00	50.13 0.67 0.00	32.79 0.13 0.00	33.72 -0.05 0.00	31.73 -0.05 0.00	34.67 -0.04 0.00	34.83 -0.01 0.00	41.67 0.02 0.00	42.26 0.16 0.00	47.76 0.53 0.00	48.61 0.74 0.00	49.62 1.19 0.00	50.99 1.22 0.00	49.15 1.13 0.00	49.20 1.09 0.00	50.10 0.98 0.03	48.77 0.87 0.01	43.98 0.71 0.00
SLEIGHT__34_KV_TB1 80719	41.77 -1.31 0.00	33.91 -1.32 0.00	29.54 -1.20 0.00	29.29 -1.19 0.00	29.35 -1.24 0.00	37.46 -1.49 0.00	45.55 -1.61 0.00	48.00 -1.47 0.00	31.49 -1.16 0.00	32.85 -0.92 0.00	30.90 -0.88 0.00	33.84 -0.87 0.00	33.95 -0.88 0.00	40.49 -1.17 0.00	40.87 -1.23 0.00	46.14 -1.09 0.00	46.98 -0.89 0.00	47.78 -0.65 0.00	48.94 -0.83 0.00	47.04 -0.98 0.00	47.14 -0.97 0.00	47.82 -1.21 0.12	46.70 -1.17 0.04	42.36 -0.91 0.00
SOUTH CAIRO___GT 23612	44.74 1.66 0.00	36.48 1.25 0.00	31.86 1.11 0.00	31.56 1.09 0.00	31.69 1.10 0.00	40.43 1.47 0.00	48.87 1.71 0.00	51.38 1.91 0.00	33.75 1.09 0.00	34.52 0.75 0.00	32.20 0.42 0.00	35.12 0.41 0.00	35.32 0.48 0.00	42.44 0.79 0.00	43.02 0.91 0.00	48.33 1.10 0.00	49.17 1.30 0.00	49.87 1.43 0.00	51.83 2.06 0.00	50.52 2.49 0.00	50.69 2.58 0.00	51.80 2.66 0.00	50.37 2.46 0.00	45.29 2.02 0.00
SOUTH HAMPTN___IC 23720	45.81 2.73 0.00	37.11 1.88 0.00	32.76 2.02 0.00	32.37 1.90 0.00	32.63 2.03 0.00	40.86 1.90 0.00	49.18 2.02 0.00	51.43 1.96 0.00	34.63 1.98 0.00	36.02 2.25 0.00	33.96 2.19 0.00	37.40 2.69 0.00	38.03 3.20 0.00	45.97 4.31 0.00	46.84 4.67 -0.06	52.33 5.10 0.00	53.17 5.00 -0.30	53.23 4.55 -0.24	53.69 3.92 0.00	51.92 3.89 0.00	51.78 3.67 0.00	52.60 3.45 0.00	51.41 3.50 0.00	46.29 3.03 0.00
SOUTHDOW_115KV_TB1 355954	42.02 -1.06 0.00	33.98 -1.25 0.00	29.47 -1.28 0.00	29.27 -1.20 0.00	29.22 -1.37 0.00	37.39 -1.57 0.00	45.82 -1.34 0.00	48.36 -1.11 0.00	31.77 -0.88 0.00	33.70 -0.07 0.00	32.03 0.26 0.00	35.07 0.37 0.00	35.16 0.33 0.00	41.85 0.19 0.00	41.82 -0.29 0.00	47.29 0.07 0.00	47.47 -0.40 0.00	48.18 -0.26 0.00	48.88 -0.89 0.00	46.45 -1.42 0.16	46.60 -1.51 0.01	47.44 -1.56 0.15	46.79 -1.07 0.04	42.79 -0.47 0.00
SOUTHOLD_69_KV_BK 2 55809	46.44 3.36 0.00	37.64 2.42 0.00	33.24 2.49 0.00	32.85 2.38 0.00	33.08 2.50 0.00	41.42 2.46 0.00	49.82 2.66 0.00	52.20 2.74 0.00	35.19 2.53 0.00	36.62 2.85 0.00	34.53 2.75 0.00	38.03 3.33 0.00	38.66 3.83 0.00	46.74 5.09 0.00	47.67 5.50 -0.06	53.32 6.08 0.00	54.21 6.04 -0.30	54.31 5.63 -0.24	54.76 5.00 0.00	52.88 4.86 0.00	52.65 4.54 0.00	53.45 4.30 0.00	52.18 4.27 0.00	46.89 3.63 0.00
SOUTHOLD___IC 23719	46.44 3.36 0.00	37.64 2.42 0.00	33.24 2.49 0.00	32.84 2.37 0.00	33.08 2.50 0.00	41.42 2.46 0.00	49.83 2.67 0.00	52.20 2.74 0.00	35.19 2.53 0.00	36.62 2.85 0.00	34.52 2.75 0.00	38.03 3.33 0.00	38.66 3.82 0.00	46.74 5.09 0.00	47.67 5.50 -0.06	53.30 6.06 0.00	54.21 6.04 -0.30	54.31 5.63 -0.24	54.76 4.99 0.00	52.88 4.85 0.00	52.65 4.54 0.00	53.44 4.29 0.00	52.17 4.26 0.00	46.89 3.63 0.00

SOUTH_FORK_WT_PWR 323839	46.50 3.42 0.00	37.73 2.50 0.00	33.35 2.60 0.00	32.94 2.47 0.00	33.19 2.60 0.00	41.53 2.57 0.00	49.90 2.74 0.00	52.33 2.87 0.00	35.29 2.64 0.00	36.72 2.95 0.00	34.62 2.84 0.00	38.14 3.44 0.00	38.76 3.92 0.00	46.83 5.18 0.00	47.76 5.59 -0.06	53.43 6.20 0.00	54.35 6.18 -0.30	54.46 5.78 -0.24	54.90 5.13 0.00	52.98 4.95 0.00	52.72 4.60 0.00	53.49 4.34 0.00	52.21 4.30 0.00	46.88 3.62 0.00
SPIERFLS_115KV_TB 1 80737	44.39 1.31 0.00	36.27 1.04 0.00	31.73 0.98 0.00	31.42 0.95 0.00	31.56 0.97 0.00	40.34 1.38 0.00	48.81 1.65 0.00	51.12 1.65 0.00	33.51 0.85 0.00	34.27 0.50 0.00	31.56 -0.21 0.00	34.31 -0.40 0.00	34.20 -0.64 0.00	41.11 -0.54 0.00	41.78 -0.33 0.00	47.13 -0.10 0.00	48.18 0.31 0.00	49.54 1.11 0.00	51.20 1.43 0.00	50.12 2.09 0.00	50.40 2.28 0.00	51.44 2.29 0.00	49.96 2.05 0.00	44.88 1.62 0.00
ST LAWRENCE____ 23600	42.96 -0.12 0.00	35.37 0.14 0.00	30.94 0.19 0.00	30.67 0.19 0.00	30.80 0.21 0.00	39.19 0.23 0.00	47.39 0.23 0.00	49.80 0.33 0.00	32.88 0.23 0.00	33.89 0.12 0.00	31.92 0.15 0.00	34.82 0.11 0.00	34.83 -0.01 0.00	41.56 -0.09 0.00	41.88 -0.23 0.00	46.89 -0.35 0.00	47.46 -0.41 0.00	48.21 -0.22 0.00	49.77 0.00 0.00	47.84 -0.18 0.00	47.82 -0.29 0.00	48.79 -0.36 0.00	47.44 -0.47 0.00	42.81 -0.45 0.00
STATE_CA_115KV_115_LB 55624	43.63 0.55 0.00	35.64 0.42 0.00	31.18 0.44 0.00	30.87 0.40 0.00	31.01 0.42 0.00	39.54 0.58 0.00	47.70 0.54 0.00	50.11 0.64 0.00	33.08 0.43 0.00	34.10 0.33 0.00	31.89 0.12 0.00	34.80 0.10 0.00	34.97 0.14 0.00	41.99 0.34 0.00	42.57 0.47 0.00	47.76 0.53 0.00	48.48 0.61 0.00	48.92 0.49 0.00	50.36 0.59 0.00	48.82 0.79 0.00	48.99 0.88 0.00	50.20 1.05 0.00	48.90 0.99 0.00	44.07 0.80 0.00
STATE_ST_34_KV_LOAD 55959	42.79 -0.28 0.00	34.86 -0.37 0.00	30.37 -0.37 0.00	30.12 -0.35 0.00	30.22 -0.37 0.00	38.50 -0.45 0.00	46.69 -0.47 0.00	48.97 -0.50 0.00	32.14 -0.52 0.00	33.31 -0.46 0.00	31.38 -0.39 0.00	34.23 -0.48 0.00	34.47 -0.37 0.00	41.17 -0.48 0.00	41.70 -0.41 0.00	47.07 -0.16 0.00	47.93 0.06 0.00	48.50 0.06 0.00	49.86 0.09 0.00	48.04 0.01 0.00	48.07 -0.05 0.00	48.95 -0.20 0.00	47.78 -0.13 0.00	43.26 -0.01 0.00
STATION 5_MISC_HYD 23604	41.78 -1.30 0.00	33.84 -1.39 0.00	29.50 -1.25 0.00	29.21 -1.26 0.00	29.25 -1.34 0.00	37.36 -1.60 0.00	45.47 -1.69 0.00	48.10 -1.37 0.00	31.65 -1.00 0.00	33.33 -0.44 0.00	31.39 -0.38 0.00	34.40 -0.31 0.00	34.52 -0.32 0.00	40.93 -0.72 0.00	41.30 -0.81 0.00	46.55 -0.68 0.00	47.27 -0.60 0.00	48.03 -0.41 0.00	49.10 -0.67 0.00	47.08 -0.95 0.00	47.24 -0.87 0.00	47.85 -1.15 0.15	46.73 -1.12 0.06	42.48 -0.78 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	42.07 -1.01 0.00	34.15 -1.07 0.00	29.75 -1.00 0.00	29.49 -0.98 0.00	29.54 -1.05 0.00	37.71 -1.25 0.00	45.81 -1.34 0.00	48.30 -1.17 0.00	31.75 -0.90 0.00	33.21 -0.56 0.00	31.27 -0.51 0.00	34.24 -0.47 0.00	34.40 -0.44 0.00	40.93 -0.72 0.00	41.31 -0.79 0.00	46.63 -0.60 0.00	47.39 -0.48 0.00	48.17 -0.26 0.00	49.27 -0.50 0.00	47.33 -0.69 0.00	47.41 -0.71 0.00	48.11 -0.93 0.11	46.97 -0.90 0.04	42.64 -0.63 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	41.57 -1.51 0.00	33.69 -1.54 0.00	29.36 -1.38 0.00	29.08 -1.39 0.00	29.13 -1.47 0.00	37.19 -1.76 0.00	45.27 -1.89 0.00	47.86 -1.61 0.00	31.50 -1.16 0.00	33.13 -0.64 0.00	31.20 -0.57 0.00	34.19 -0.52 0.00	34.31 -0.53 0.00	40.71 -0.95 0.00	41.08 -1.02 0.00	46.31 -0.92 0.00	46.99 -0.88 0.00	47.74 -0.69 0.00	48.81 -0.96 0.00	46.83 -1.20 0.00	46.98 -0.87 0.00	47.60 -1.14 0.15	46.47 -1.39 0.05	42.24 -1.02 0.00
STA_56____34_KV_BUS2 355983	41.57 -1.51 0.00	33.69 -1.54 0.00	29.36 -1.38 0.00	29.08 -1.39 0.00	29.13 -1.47 0.00	37.19 -1.76 0.00	45.27 -1.89 0.00	47.86 -1.61 0.00	31.50 -1.16 0.00	33.13 -0.64 0.00	31.20 -0.57 0.00	34.19 -0.52 0.00	34.31 -0.53 0.00	40.71 -0.95 0.00	41.08 -1.02 0.00	46.31 -0.92 0.00	46.99 -0.88 0.00	47.74 -0.69 0.00	48.81 -0.96 0.00	46.83 -1.20 0.00	46.98 -0.87 0.00	47.60 -1.14 0.15	46.47 -1.39 0.05	42.24 -1.02 0.00
STA_67____115KV_BK2 355882	41.70 -1.38 0.00	33.78 -1.45 0.00	29.44 -1.30 0.00	29.15 -1.31 0.00	29.20 -1.39 0.00	37.29 -1.67 0.00	45.41 -1.75 0.00	48.02 -1.44 0.00	31.60 -1.05 0.00	33.26 -0.51 0.00	31.33 -0.45 0.00	34.33 -0.38 0.00	34.44 -0.40 0.00	40.82 -0.84 0.00	41.18 -0.93 0.00	46.42 -0.81 0.00	47.10 -0.77 0.00	47.87 -0.57 0.00	48.95 -0.82 0.00	46.95 -1.08 0.00	47.11 -1.00 0.00	47.72 -1.28 0.15	46.61 -1.24 0.06	42.38 -0.88 0.00
STA_7____115KV_9TRANS 80674	41.98 -1.10 0.00	34.00 -1.23 0.00	29.62 -1.12 0.00	29.33 -1.14 0.00	29.37 -1.22 0.00	37.51 -1.45 0.00	45.68 -1.47 0.00	48.31 -1.16 0.00	31.78 -0.87 0.00	33.46 -0.31 0.00	31.53 -0.25 0.00	34.57 -0.14 0.00	34.71 -0.13 0.00	41.18 -0.47 0.00	41.57 -0.53 0.00	46.92 -0.31 0.00	47.62 -0.24 0.00	48.40 -0.04 0.00	49.46 -0.31 0.00	47.43 -0.60 0.00	47.58 -0.53 0.00	48.19 -0.80 0.15	47.04 -0.82 0.06	42.75 -0.51 0.00
STA_82____115KV_TB1 80780	41.66 -1.42 0.00	33.75 -1.48 0.00	29.41 -1.33 0.00	29.14 -1.34 0.00	29.17 -1.42 0.00	37.25 -1.71 0.00	45.36 -1.80 0.00	47.98 -1.49 0.00	31.57 -1.09 0.00	33.23 -0.54 0.00	31.29 -0.48 0.00	34.28 -0.43 0.00	34.39 -0.45 0.00	40.76 -0.89 0.00	41.12 -0.98 0.00	46.35 -0.88 0.00	47.03 -0.84 0.00	47.80 -0.63 0.00	48.87 -0.90 0.00	46.88 -1.15 0.00	47.04 -1.08 0.00	47.65 -1.35 0.15	46.55 -1.31 0.05	42.33 -0.93 0.00
STEEL____WIND 323596	40.94 -2.14 0.00	32.98 -2.25 0.00	28.71 -2.03 0.00	28.46 -2.01 0.00	28.44 -2.15 0.00	36.38 -2.59 0.00	44.42 -2.74 0.00	47.15 -2.31 0.00	31.08 -1.58 0.00	33.09 -0.68 0.00	31.18 -0.59 0.00	34.21 -0.50 0.00	34.25 -0.59 0.00	40.40 -1.25 0.00	40.64 -1.47 0.00	45.67 -1.56 0.00	46.07 -1.80 0.00	46.87 -1.57 0.00	47.68 -2.09 0.00	45.23 -2.46 0.33	45.75 -2.36 0.01	46.31 -2.65 0.20	45.37 -2.49 0.05	41.47 -1.79 0.00
STEPHTWN_115KV_BK_2 55603	43.77 0.69 0.00	35.80 0.58 0.00	31.31 0.57 0.00	30.96 0.49 0.00	31.10 0.51 0.00	39.68 0.72 0.00	47.85 0.70 0.00	50.37 0.90 0.00	33.20 0.54 0.00	34.24 0.46 0.00	31.99 0.22 0.00	34.88 0.18 0.00	35.06 0.22 0.00	42.13 0.48 0.00	42.60 0.49 0.00	47.87 0.64 0.00	48.59 0.72 0.00	49.21 0.77 0.00	50.63 0.86 0.00	49.13 1.10 0.00	49.28 1.17 0.00	50.52 1.37 0.00	49.10 1.19 0.00	44.25 0.99 0.00
STEUBEN_REC_LFGE 323667	41.80 -1.28 0.00	33.57 -1.66 0.00	29.10 -1.65 0.00	28.80 -1.67 0.00	28.80 -1.79 0.00	36.54 -2.42 0.00	44.43 -2.73 0.00	46.85 -2.62 0.00	30.60 -2.06 0.00	32.19 -1.58 0.00	30.31 -1.46 0.00	33.05 -1.66 0.00	33.32 -1.52 0.00	39.64 -2.01 0.00	39.92 -2.19 0.00	45.61 -1.62 0.00	46.73 -1.14 0.00	47.37 -1.07 0.00	47.96 -1.81 0.00	46.31 -2.41 -0.69	45.35 -2.78 -0.02	46.19 -3.00 -0.04	44.95 -2.93 0.03	41.37 -1.89 0.00

STILLWATER___SOLAR 323814	44.58 1.50 0.00	36.42 1.19 0.00	31.84 1.10 0.00	31.51 1.04 0.00	31.66 1.07 0.00	40.44 1.48 0.00	48.91 1.76 0.00	51.25 1.78 0.00	33.65 0.99 0.00	34.51 0.74 0.00	32.06 0.28 0.00	34.91 0.21 0.00	34.98 0.14 0.00	42.05 0.39 0.00	42.66 0.55 0.00	48.04 0.81 0.00	48.95 1.08 0.00	49.80 1.37 0.00	51.42 1.65 0.00	50.05 2.03 0.00	50.27 2.16 0.00	51.44 2.29 0.00	50.04 2.13 0.00	45.03 1.77 0.00
STONY___BROOK 24151	45.45 2.37 0.00	36.90 1.67 0.00	32.33 1.59 0.00	31.93 1.46 0.00	32.11 1.52 0.00	40.41 1.45 0.00	48.87 1.71 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.76 1.99 0.00	33.75 1.97 0.00	37.15 2.45 0.00	37.84 3.00 0.00	45.69 4.03 0.00	46.49 4.32 -0.06	51.85 4.62 0.00	52.57 4.40 -0.30	52.58 3.90 -0.24	53.02 3.25 0.00	51.23 3.20 0.00	51.16 3.05 0.00	52.17 3.02 0.00	51.10 3.18 0.00	46.05 2.79 0.00
STURGEON_POOL_HYD 23609	44.87 1.79 0.00	36.48 1.26 0.00	31.72 0.98 0.00	31.40 0.93 0.00	31.50 0.91 0.00	40.07 1.11 0.00	48.58 1.43 0.00	50.93 1.46 0.00	33.94 1.29 0.00	35.25 1.48 0.00	33.30 1.53 0.00	36.52 1.82 0.00	36.95 2.11 0.00	44.44 2.79 0.00	44.90 2.79 0.00	50.15 2.92 0.00	50.65 2.78 0.00	50.91 2.47 0.00	52.03 2.26 0.00	50.24 2.21 0.00	50.34 2.23 0.00	51.52 2.37 0.00	50.44 2.53 0.00	45.47 2.21 0.00
ST_LAW_115_BK7_LBMP 345037	42.95 -0.13 0.00	35.38 0.15 0.00	30.96 0.21 0.00	30.68 0.21 0.00	30.82 0.22 0.00	39.20 0.24 0.00	47.40 0.24 0.00	49.82 0.35 0.00	32.89 0.24 0.00	33.89 0.12 0.00	31.93 0.16 0.00	34.82 0.12 0.00	34.83 -0.01 0.00	41.55 -0.10 0.00	41.84 -0.26 0.00	46.83 -0.39 0.00	47.39 -0.48 0.00	48.16 -0.28 0.00	49.73 -0.04 0.00	47.82 -0.21 0.00	47.80 -0.32 0.00	48.77 -0.38 0.00	47.41 -0.50 0.00	42.77 -0.49 0.00
ST_LAW_115_BK8_LBMP 345038	42.95 -0.13 0.00	35.38 0.15 0.00	30.96 0.21 0.00	30.68 0.21 0.00	30.82 0.22 0.00	39.20 0.24 0.00	47.40 0.24 0.00	49.82 0.35 0.00	32.89 0.24 0.00	33.89 0.12 0.00	31.93 0.16 0.00	34.82 0.12 0.00	34.83 -0.01 0.00	41.55 -0.10 0.00	41.84 -0.26 0.00	46.83 -0.39 0.00	47.39 -0.48 0.00	48.16 -0.28 0.00	49.73 -0.04 0.00	47.82 -0.21 0.00	47.80 -0.32 0.00	48.77 -0.38 0.00	47.41 -0.50 0.00	42.77 -0.49 0.00
ST_LAW_230_BK5_LBMP 345035	42.96 -0.12 0.00	35.37 0.14 0.00	30.94 0.19 0.00	30.67 0.19 0.00	30.80 0.21 0.00	39.19 0.23 0.00	47.39 0.23 0.00	49.80 0.33 0.00	32.88 0.23 0.00	33.89 0.12 0.00	31.92 0.15 0.00	34.82 0.11 0.00	34.83 -0.01 0.00	41.56 -0.09 0.00	41.88 -0.23 0.00	46.89 -0.35 0.00	47.46 -0.41 0.00	48.21 -0.22 0.00	49.77 0.00 0.00	47.84 -0.18 0.00	47.82 -0.29 0.00	48.79 -0.36 0.00	47.44 -0.47 0.00	42.81 -0.45 0.00
ST_LAW_230_BK6_LBMP 345036	42.96 -0.12 0.00	35.37 0.14 0.00	30.94 0.19 0.00	30.67 0.19 0.00	30.80 0.21 0.00	39.19 0.23 0.00	47.39 0.23 0.00	49.80 0.33 0.00	32.88 0.23 0.00	33.89 0.12 0.00	31.92 0.15 0.00	34.82 0.11 0.00	34.83 -0.01 0.00	41.56 -0.09 0.00	41.88 -0.23 0.00	46.89 -0.35 0.00	47.46 -0.41 0.00	48.21 -0.22 0.00	49.77 0.00 0.00	47.84 -0.18 0.00	47.82 -0.29 0.00	48.79 -0.36 0.00	47.44 -0.47 0.00	42.81 -0.45 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	44.73 1.65 0.00	36.36 1.14 0.00	31.62 0.87 0.00	31.29 0.82 0.00	31.39 0.80 0.00	39.92 0.96 0.00	48.38 1.23 0.00	50.73 1.27 0.00	33.82 1.17 0.00	35.08 1.31 0.00	33.19 1.41 0.00	36.44 1.73 0.00	36.89 2.05 0.00	44.30 2.64 0.00	44.75 2.65 0.00	50.03 2.80 0.00	50.53 2.66 0.00	50.79 2.36 0.00	51.88 2.11 0.00	50.06 2.03 0.00	50.12 2.01 0.00	51.29 2.14 0.00	50.26 2.35 0.00	45.33 2.07 0.00
SWANROAD_115KV_TB1 355699	39.89 -3.19 0.00	32.06 -3.17 0.00	28.00 -2.74 0.00	27.76 -2.71 0.00	27.76 -2.83 0.00	35.47 -3.49 0.00	43.34 -3.82 0.00	46.16 -3.31 0.00	30.46 -2.20 0.00	32.42 -1.35 0.00	30.48 -1.29 0.00	33.37 -1.33 0.00	33.34 -1.50 0.00	39.15 -2.50 0.00	39.42 -2.68 0.00	44.15 -3.09 0.00	44.52 -3.34 0.00	45.37 -3.07 0.00	46.28 -3.49 0.00	44.08 -3.69 0.25	44.49 -3.62 0.01	45.16 -3.81 0.19	44.19 -3.67 0.05	40.39 -2.87 0.00
SYNERGY___BIOGAS 323694	41.84 -1.24 0.00	33.70 -1.53 0.00	29.39 -1.35 0.00	29.10 -1.37 0.00	29.12 -1.47 0.00	37.19 -1.77 0.00	45.42 -1.74 0.00	48.22 -1.25 0.00	31.58 -1.08 0.00	33.28 -0.49 0.00	31.22 -0.56 0.00	34.11 -0.60 0.00	34.18 -0.66 0.00	40.31 -1.34 0.00	40.68 -1.42 0.00	46.02 -1.21 0.00	47.24 -0.63 0.00	48.23 -0.20 0.00	49.24 -0.53 0.00	47.06 -0.82 0.15	47.37 -0.74 0.01	47.98 -0.99 0.18	46.86 -1.00 0.05	42.67 -0.59 0.00
SYRACUSE___ENERGY_ST1 323597	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.48 0.00	46.64 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.44 0.00	34.26 -0.45 0.00	34.41 -0.43 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.29 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00
SYRACUSE___ENERGY_ST2 323598	42.67 -0.41 0.00	34.83 -0.40 0.00	30.35 -0.39 0.00	30.10 -0.37 0.00	30.20 -0.39 0.00	38.48 -0.48 0.00	46.64 -0.51 0.00	48.91 -0.56 0.00	32.16 -0.50 0.00	33.27 -0.50 0.00	31.34 -0.44 0.00	34.26 -0.45 0.00	34.41 -0.43 0.00	41.08 -0.58 0.00	41.61 -0.50 0.00	46.87 -0.36 0.00	47.68 -0.19 0.00	48.29 -0.15 0.00	49.57 -0.20 0.00	47.77 -0.26 0.00	47.82 -0.29 0.00	48.78 -0.39 -0.02	47.54 -0.38 -0.01	42.97 -0.29 0.00
SYRACUSE___POWER 24017	42.61 -0.47 0.00	34.78 -0.45 0.00	30.31 -0.44 0.00	30.05 -0.42 0.00	30.15 -0.44 0.00	38.42 -0.54 0.00	46.56 -0.59 0.00	48.82 -0.65 0.00	32.12 -0.54 0.00	33.24 -0.53 0.00	31.32 -0.46 0.00	34.25 -0.45 0.00	34.40 -0.44 0.00	41.07 -0.58 0.00	41.57 -0.53 0.00	46.81 -0.42 0.00	47.60 -0.26 0.00	48.27 -0.16 0.00	49.51 -0.26 0.00	47.71 -0.32 0.00	47.77 -0.35 0.00	48.66 -0.45 0.04	47.45 -0.45 0.01	42.91 -0.35 0.00
TALLMAN___138KV_BK151 55660	44.95 1.87 0.00	36.51 1.29 0.00	31.73 0.99 0.00	31.39 0.92 0.00	31.50 0.91 0.00	40.04 1.08 0.00	48.55 1.39 0.00	50.93 1.46 0.00	34.01 1.35 0.00	35.29 1.52 0.00	33.45 1.67 0.00	36.77 2.06 0.00	37.27 2.44 0.00	44.78 3.12 0.00	45.24 3.13 0.00	50.54 3.31 0.00	50.94 3.07 0.00	51.12 2.69 0.00	52.16 2.38 0.00	50.30 2.27 0.00	50.36 2.24 0.00	51.54 2.39 0.00	50.56 2.65 0.00	45.59 2.33 0.00
TEALLAVE_115KV_TB7 355573	42.38 -0.70 0.00	34.59 -0.64 0.00	30.15 -0.60 0.00	29.89 -0.58 0.00	29.98 -0.60 0.00	38.22 -0.74 0.00	46.32 -0.83 0.00	48.60 -0.87 0.00	31.99 -0.67 0.00	33.14 -0.63 0.00	31.22 -0.55 0.00	34.16 -0.55 0.00	34.30 -0.54 0.00	40.92 -0.73 0.00	41.41 -0.69 0.00	46.65 -0.58 0.00	47.41 -0.46 0.00	48.01 -0.42 0.00	49.23 -0.55 0.00	47.43 -0.60 0.00	47.49 -0.62 0.00	48.35 -0.74 0.06	47.17 -0.72 0.02	42.67 -0.59 0.00

TELGRAPH_34_KV_EAST 80808	40.94 -2.14 0.00	32.96 -2.27 0.00	28.74 -2.00 0.00	28.48 -1.99 0.00	28.48 -2.11 0.00	36.40 -2.56 0.00	44.46 -2.70 0.00	47.27 -2.20 0.00	31.11 -1.55 0.00	32.97 -0.81 0.00	30.98 -0.79 0.00	33.91 -0.79 0.00	33.93 -0.91 0.00	39.98 -1.67 0.00	40.29 -1.81 0.00	45.32 -1.91 0.00	45.99 -1.88 0.00	46.88 -1.56 0.00	47.83 -1.93 0.00	45.61 -2.22 0.20	45.99 -2.11 0.01	46.62 -2.35 0.18	45.58 -2.28 0.05	41.60 -1.67 0.00
TEMPLE___115KV_TB 2 55572	42.38 -0.70 0.00	34.60 -0.63 0.00	30.15 -0.60 0.00	29.89 -0.58 0.00	29.98 -0.60 0.00	38.22 -0.74 0.00	46.33 -0.83 0.00	48.59 -0.88 0.00	31.99 -0.67 0.00	33.14 -0.63 0.00	31.23 -0.55 0.00	34.17 -0.53 0.00	34.30 -0.53 0.00	40.94 -0.71 0.00	41.43 -0.68 0.00	46.65 -0.58 0.00	47.40 -0.47 0.00	48.02 -0.42 0.00	49.23 -0.55 0.00	47.43 -0.60 0.00	47.50 -0.61 0.00	48.36 -0.73 0.06	47.18 -0.71 0.02	42.69 -0.57 0.00
TIANA___69_KV_BK 1 55817	45.66 2.58 0.00	36.97 1.74 0.00	32.62 1.88 0.00	32.23 1.76 0.00	32.48 1.89 0.00	40.70 1.74 0.00	49.00 1.84 0.00	51.24 1.77 0.00	34.48 1.82 0.00	35.85 2.08 0.00	33.81 2.03 0.00	37.21 2.51 0.00	37.86 3.02 0.00	45.76 4.11 0.00	46.62 4.45 -0.06	52.09 4.86 0.00	52.89 4.72 -0.30	52.94 4.26 -0.24	53.42 3.65 0.00	51.68 3.65 0.00	51.56 3.45 0.00	52.41 3.26 0.00	51.25 3.33 0.00	46.15 2.88 0.00
TILDEN___115KV_TB1 80814	42.61 -0.47 0.00	34.78 -0.45 0.00	30.31 -0.44 0.00	30.05 -0.42 0.00	30.15 -0.44 0.00	38.42 -0.54 0.00	46.56 -0.59 0.00	48.82 -0.65 0.00	32.12 -0.54 0.00	33.24 -0.53 0.00	31.32 -0.46 0.00	34.25 -0.45 0.00	34.40 -0.44 0.00	41.07 -0.58 0.00	41.57 -0.53 0.00	46.81 -0.42 0.00	47.60 -0.26 0.00	48.27 -0.16 0.00	49.51 -0.26 0.00	47.71 -0.32 0.00	47.77 -0.35 0.00	48.66 -0.45 0.04	47.45 -0.45 0.01	42.91 -0.35 0.00
TRIGEN___CC 323695	45.40 2.32 0.00	36.85 1.62 0.00	32.10 1.35 0.00	31.71 1.24 0.00	31.83 1.24 0.00	40.31 1.36 0.00	48.86 1.70 0.00	51.23 1.76 0.00	34.36 1.71 0.00	35.65 1.88 0.00	33.76 1.99 0.00	37.17 2.46 0.00	37.73 2.89 0.00	45.36 3.71 0.00	46.01 3.84 -0.06	51.22 4.00 0.00	51.86 3.69 -0.30	51.88 3.20 -0.24	52.46 2.69 0.00	50.66 2.63 0.00	50.68 2.56 0.00	51.88 2.74 0.00	50.90 2.99 0.00	45.92 2.66 0.00
TRINITY___115KV___4 BK 55933	43.47 0.39 0.00	35.52 0.29 0.00	31.08 0.33 0.00	30.76 0.29 0.00	30.90 0.31 0.00	39.40 0.44 0.00	47.53 0.37 0.00	49.94 0.47 0.00	32.97 0.32 0.00	34.01 0.23 0.00	31.80 0.03 0.00	34.70 -0.01 0.00	34.87 0.03 0.00	41.84 0.19 0.00	42.40 0.29 0.00	47.53 0.31 0.00	48.23 0.36 0.00	48.64 0.20 0.00	50.06 0.28 0.00	48.56 0.53 0.00	48.73 0.62 0.00	49.96 0.81 0.00	48.67 0.76 0.00	43.86 0.59 0.00
UNION___PROCESSING_DRP 323587	41.67 -1.41 0.00	33.76 -1.47 0.00	29.41 -1.33 0.00	29.14 -1.33 0.00	29.18 -1.41 0.00	37.26 -1.70 0.00	45.37 -1.79 0.00	47.99 -1.48 0.00	31.57 -1.09 0.00	33.23 -0.54 0.00	31.29 -0.48 0.00	34.28 -0.43 0.00	34.39 -0.45 0.00	40.77 -0.89 0.00	41.13 -0.98 0.00	46.35 -0.88 0.00	47.04 -0.83 0.00	47.81 -0.62 0.00	48.89 -0.88 0.00	46.89 -1.14 0.00	47.05 -1.07 0.00	47.67 -1.32 0.15	46.57 -1.29 0.05	42.34 -0.92 0.00
UPPER HUDSON___HYD 24058	44.39 1.31 0.00	36.27 1.04 0.00	31.72 0.98 0.00	31.42 0.95 0.00	31.56 0.97 0.00	40.34 1.38 0.00	48.81 1.65 0.00	51.12 1.65 0.00	33.51 0.85 0.00	34.27 0.50 0.00	31.56 -0.21 0.00	34.31 -0.40 0.00	34.20 -0.63 0.00	41.11 -0.54 0.00	41.78 -0.33 0.00	47.13 -0.10 0.00	48.17 0.30 0.00	49.54 1.11 0.00	51.20 1.43 0.00	50.12 2.09 0.00	50.40 2.29 0.00	51.44 2.29 0.00	49.96 2.04 0.00	44.88 1.62 0.00
UPPER RAQUET___HYD 24056	43.46 0.38 0.00	35.84 0.62 0.00	31.35 0.61 0.00	31.07 0.60 0.00	31.33 0.74 0.00	39.85 0.89 0.00	48.16 1.00 0.00	50.52 1.05 0.00	33.15 0.49 0.00	34.06 0.28 0.00	32.12 0.34 0.00	34.98 0.28 0.00	34.95 0.12 0.00	41.59 -0.06 0.00	41.66 -0.45 0.00	46.56 -0.66 0.00	46.90 -0.97 0.00	47.84 -0.59 0.00	49.69 -0.08 0.00	47.94 -0.09 0.00	47.90 -0.21 0.00	49.14 -0.01 0.00	48.06 0.15 0.00	43.30 0.03 0.00
VALLEY44_115KV_TB2 355964	41.93 -1.15 0.00	34.11 -1.12 0.00	29.67 -1.07 0.00	29.46 -1.01 0.00	29.52 -1.08 0.00	37.68 -1.29 0.00	45.82 -1.34 0.00	48.17 -1.30 0.00	31.64 -1.02 0.00	33.40 -0.37 0.00	31.63 -0.15 0.00	34.40 -0.31 0.00	34.56 -0.28 0.00	41.28 -0.37 0.00	41.06 -1.05 0.00	46.27 -0.96 0.00	46.66 -1.21 0.00	47.34 -1.09 0.00	48.07 -1.69 0.00	46.12 -1.82 0.09	46.28 -1.83 0.00	46.79 -2.23 0.13	46.49 -1.38 0.04	42.57 -0.69 0.00
VALLEY___115KV_TB 1-4 80826	43.86 0.78 0.00	35.75 0.52 0.00	31.20 0.46 0.00	30.90 0.43 0.00	31.03 0.44 0.00	39.50 0.54 0.00	47.76 0.60 0.00	49.84 0.37 0.00	32.53 -0.13 0.00	33.31 -0.46 0.00	31.13 -0.65 0.00	34.05 -0.66 0.00	34.21 -0.63 0.00	41.19 -0.46 0.00	41.71 -0.40 0.00	46.98 -0.25 0.00	47.73 -0.14 0.00	48.49 0.06 0.00	50.27 0.51 0.00	48.74 0.72 0.00	48.96 0.84 0.00	50.41 1.26 0.00	49.10 1.19 0.00	44.16 0.89 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	44.61 1.53 0.00	36.34 1.11 0.00	31.67 0.92 0.00	31.41 0.94 0.00	31.53 0.94 0.00	40.17 1.21 0.00	48.64 1.48 0.00	50.89 1.42 0.00	33.58 0.92 0.00	34.77 1.00 0.00	32.82 1.05 0.00	35.85 1.14 0.00	36.12 1.28 0.00	43.31 1.66 0.00	43.83 1.73 0.00	49.29 2.05 0.00	50.04 2.18 0.00	50.65 2.22 0.00	51.92 2.15 0.00	50.06 2.03 0.00	50.12 2.01 0.00	51.12 2.00 0.02	49.86 1.95 0.01	44.99 1.73 0.00
VISCHER___FERRY HYD 24020	44.17 1.08 0.00	36.06 0.84 0.00	31.57 0.82 0.00	31.23 0.76 0.00	31.38 0.79 0.00	40.07 1.12 0.00	48.45 1.30 0.00	50.82 1.35 0.00	33.49 0.83 0.00	34.44 0.67 0.00	32.06 0.29 0.00	34.94 0.23 0.00	35.05 0.21 0.00	42.11 0.45 0.00	42.64 0.54 0.00	47.91 0.68 0.00	48.68 0.81 0.00	49.21 0.77 0.00	50.70 0.93 0.00	49.30 1.28 0.00	49.52 1.41 0.00	50.83 1.68 0.00	49.44 1.53 0.00	44.53 1.26 0.00
V_A_10_SYNC_DSASP 323832	40.70 -2.38 0.00	32.86 -2.36 0.00	28.66 -2.09 0.00	28.39 -2.08 0.00	28.41 -2.18 0.00	36.31 -2.65 0.00	44.29 -2.87 0.00	46.99 -2.48 0.00	30.97 -1.68 0.00	32.85 -0.92 0.00	30.94 -0.83 0.00	33.86 -0.85 0.00	33.89 -0.95 0.00	39.97 -1.68 0.00	40.19 -1.92 0.00	45.10 -2.13 0.00	45.54 -2.33 0.00	46.33 -2.11 0.00	47.32 -2.45 0.00	45.13 -2.74 0.16	45.50 -2.61 0.01	46.09 -2.87 0.18	45.17 -2.69 0.06	41.24 -2.02 0.00
V_CMM_10_SYNC_DSASP 323787	43.09 0.01 0.00	35.50 0.27 0.00	31.09 0.34 0.00	30.81 0.34 0.00	30.94 0.35 0.00	39.34 0.38 0.00	47.52 0.36 0.00	49.95 0.49 0.00	33.04 0.38 0.00	34.02 0.25 0.00	32.06 0.28 0.00	34.96 0.25 0.00	34.97 0.13 0.00	41.69 0.04 0.00	41.96 -0.14 0.00	46.93 -0.30 0.00	47.44 -0.42 0.00	48.28 -0.16 0.00	49.88 0.11 0.00	47.97 -0.06 0.00	47.92 -0.20 0.00	48.88 -0.27 0.00	47.55 -0.36 0.00	42.93 -0.33 0.00

V_CMP_10_SYNC_DSASP 323788	43.60 0.52 0.00	35.79 0.57 0.00	31.39 0.64 0.00	31.13 0.66 0.00	31.27 0.68 0.00	39.84 0.88 0.00	48.14 0.98 0.00	50.50 1.03 0.00	33.24 0.58 0.00	34.26 0.48 0.00	32.23 0.45 0.00	35.15 0.44 0.00	35.15 0.31 0.00	41.97 0.32 0.00	42.22 0.11 0.00	47.37 0.14 0.00	48.00 0.13 0.00	48.79 0.36 0.00	50.54 0.77 0.00	48.54 0.51 0.00	48.35 0.24 0.00	49.25 0.10 0.00	47.65 -0.26 0.00	42.76 -0.50 0.00
V_D_10_SYNC_DSASP 323841	43.33 0.25 0.00	35.73 0.50 0.00	31.27 0.54 0.00	31.01 0.54 0.00	31.16 0.57 0.00	39.63 0.68 0.00	47.86 0.70 0.00	50.28 0.81 0.00	33.16 0.51 0.00	34.19 0.42 0.00	32.21 0.44 0.00	35.12 0.42 0.00	35.13 0.29 0.00	41.88 0.23 0.00	42.09 -0.02 0.00	47.08 -0.15 0.00	47.61 -0.25 0.00	48.45 0.01 0.00	50.12 0.35 0.00	48.20 0.17 0.00	48.18 0.07 0.00	49.18 0.03 0.00	47.84 -0.07 0.00	43.17 -0.09 0.00
V_E_10_SYNC_DSASP 323830	45.59 2.51 0.00	37.06 1.84 0.00	32.17 1.43 0.00	31.81 1.34 0.00	31.81 1.22 0.00	40.54 1.58 0.00	48.70 1.55 0.00	50.47 1.01 0.00	32.72 0.06 0.00	33.15 -0.62 0.00	31.38 -0.39 0.00	34.57 -0.14 0.00	34.92 0.08 0.00	41.90 0.24 0.00	42.38 0.27 0.00	48.26 1.03 0.00	49.87 2.01 0.00	51.51 3.08 0.00	52.68 2.91 0.00	49.84 1.75 -0.06	49.32 1.21 0.00	49.91 0.78 0.02	48.74 0.84 0.01	43.94 0.67 0.00
V_F_30_NSYNC___DSASP 323816	44.62 1.54 0.00	36.43 1.21 0.00	31.86 1.12 0.00	31.53 1.06 0.00	31.68 1.09 0.00	40.45 1.49 0.00	48.93 1.77 0.00	51.28 1.81 0.00	33.68 1.03 0.00	34.56 0.79 0.00	32.13 0.36 0.00	35.00 0.30 0.00	35.08 0.24 0.00	42.16 0.51 0.00	42.76 0.65 0.00	48.14 0.91 0.00	49.04 1.18 0.00	49.90 1.46 0.00	51.50 1.73 0.00	50.10 2.07 0.00	50.29 2.18 0.00	51.48 2.33 0.00	50.08 2.17 0.00	45.07 1.81 0.00
V_F_30_SYNC_DSASP 323786	43.63 0.55 0.00	35.64 0.42 0.00	31.18 0.44 0.00	30.87 0.40 0.00	31.00 0.42 0.00	39.53 0.57 0.00	47.69 0.53 0.00	50.11 0.64 0.00	33.08 0.43 0.00	34.10 0.33 0.00	31.89 0.11 0.00	34.80 0.10 0.00	34.97 0.13 0.00	41.99 0.33 0.00	42.57 0.46 0.00	47.76 0.53 0.00	48.47 0.60 0.00	48.92 0.48 0.00	50.35 0.58 0.00	48.82 0.79 0.00	48.99 0.87 0.00	50.19 1.05 0.00	48.89 0.98 0.00	44.06 0.80 0.00
V_XM_10_SYNC_DSASP 323789	43.60 0.52 0.00	35.79 0.57 0.00	31.39 0.64 0.00	31.13 0.66 0.00	31.27 0.68 0.00	39.84 0.88 0.00	48.14 0.98 0.00	50.50 1.03 0.00	33.24 0.58 0.00	34.26 0.48 0.00	32.23 0.45 0.00	35.15 0.44 0.00	35.15 0.31 0.00	41.97 0.32 0.00	42.22 0.11 0.00	47.37 0.14 0.00	48.00 0.13 0.00	48.79 0.36 0.00	50.54 0.77 0.00	48.54 0.51 0.00	48.35 0.24 0.00	49.25 0.10 0.00	47.65 -0.26 0.00	42.76 -0.50 0.00
W.BABYLN_69_KV_BK1 56697	45.95 2.87 0.00	37.30 2.07 0.00	32.57 1.83 0.00	32.16 1.69 0.00	32.30 1.71 0.00	40.77 1.82 0.00	49.37 2.21 0.00	51.79 2.32 0.00	34.81 2.15 0.00	36.10 2.33 0.00	34.11 2.33 0.00	37.55 2.84 0.00	38.22 3.38 0.00	46.04 4.39 0.00	46.83 4.66 -0.06	52.24 5.01 0.00	52.92 4.75 -0.30	52.94 4.26 -0.24	53.42 3.65 0.00	51.65 3.62 0.00	51.58 3.47 0.00	52.69 3.54 0.00	51.62 3.71 0.00	46.55 3.29 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.12 2.04 0.00	36.65 1.43 0.00	31.86 1.11 0.00	31.51 1.04 0.00	31.62 1.03 0.00	40.20 1.24 0.00	48.74 1.58 0.00	51.13 1.66 0.00	34.13 1.48 0.00	35.43 1.66 0.00	33.56 1.79 0.00	36.89 2.19 0.00	37.40 2.56 0.00	44.93 3.28 0.00	45.40 3.29 0.00	50.71 3.49 0.00	51.14 3.27 0.00	51.33 2.90 0.00	52.37 2.60 0.00	50.50 2.47 0.00	50.56 2.45 0.00	51.76 2.61 0.00	50.76 2.84 0.00	45.77 2.50 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	45.48 2.40 0.00	36.95 1.72 0.00	32.10 1.36 0.00	31.75 1.28 0.00	31.84 1.25 0.00	40.43 1.47 0.00	49.03 1.87 0.00	51.40 1.93 0.00	34.41 1.75 0.00	35.75 1.98 0.00	33.88 2.11 0.00	37.24 2.53 0.00	37.74 2.90 0.00	45.31 3.66 0.00	45.80 3.69 0.00	51.07 3.84 0.00	51.34 3.47 0.00	51.39 2.96 0.00	52.41 2.65 0.00	50.59 2.56 0.00	50.65 2.54 0.00	51.95 2.81 0.00	51.05 3.14 0.00	46.07 2.81 0.00
W50THST__13_KV_LOAD 356117	45.68 2.60 0.00	37.12 1.89 0.00	32.24 1.49 0.00	31.88 1.41 0.00	31.97 1.38 0.00	40.60 1.65 0.00	49.22 2.07 0.00	51.62 2.15 0.00	34.58 1.92 0.00	35.95 2.17 0.00	34.09 2.32 0.00	37.49 2.78 0.00	37.99 3.15 0.00	45.61 3.96 0.00	46.08 3.98 0.00	51.40 4.17 0.00	51.68 3.81 0.00	51.70 3.26 0.00	52.70 2.93 0.00	50.86 2.83 0.00	50.90 2.79 0.00	52.20 3.05 0.00	51.28 3.37 0.00	46.30 3.04 0.00
WADING RIVER_IC_1 23522	45.11 2.03 0.00	36.48 1.26 0.00	32.28 1.54 0.00	31.90 1.43 0.00	32.20 1.61 0.00	40.26 1.30 0.00	48.43 1.27 0.00	50.54 1.08 0.00	33.98 1.33 0.00	35.35 1.58 0.00	33.30 1.52 0.00	36.63 1.93 0.00	37.29 2.46 0.00	45.07 3.41 0.00	45.90 3.73 -0.06	51.23 3.99 0.00	52.00 3.83 -0.30	52.03 3.35 -0.24	52.51 2.74 0.00	50.87 2.84 0.00	50.79 2.68 0.00	51.63 2.48 0.00	50.52 2.61 0.00	45.54 2.27 0.00
WADING RIVER_IC_2 23547	45.11 2.03 0.00	36.48 1.26 0.00	32.28 1.54 0.00	31.90 1.43 0.00	32.20 1.61 0.00	40.26 1.30 0.00	48.43 1.27 0.00	50.54 1.08 0.00	33.98 1.33 0.00	35.35 1.58 0.00	33.30 1.52 0.00	36.63 1.93 0.00	37.29 2.46 0.00	45.07 3.41 0.00	45.90 3.73 -0.06	51.23 3.99 0.00	52.00 3.83 -0.30	52.03 3.35 -0.24	52.51 2.74 0.00	50.87 2.84 0.00	50.79 2.68 0.00	51.63 2.48 0.00	50.52 2.61 0.00	45.54 2.27 0.00
WADING RIVER_IC_3 23601	45.11 2.03 0.00	36.48 1.26 0.00	32.28 1.54 0.00	31.90 1.43 0.00	32.20 1.61 0.00	40.26 1.30 0.00	48.43 1.27 0.00	50.54 1.08 0.00	33.98 1.33 0.00	35.35 1.58 0.00	33.30 1.52 0.00	36.63 1.93 0.00	37.29 2.46 0.00	45.07 3.41 0.00	45.90 3.73 -0.06	51.23 3.99 0.00	52.00 3.83 -0.30	52.03 3.35 -0.24	52.51 2.74 0.00	50.87 2.84 0.00	50.79 2.68 0.00	51.63 2.48 0.00	50.52 2.61 0.00	45.54 2.27 0.00
WALDENNY_12_KV_BK2 80841	40.96 -2.12 0.00	32.97 -2.26 0.00	28.71 -2.03 0.00	28.45 -2.02 0.00	28.44 -2.15 0.00	36.37 -2.59 0.00	44.44 -2.72 0.00	47.20 -2.28 0.00	31.12 -1.54 0.00	33.13 -0.64 0.00	31.24 -0.54 0.00	34.26 -0.44 0.00	34.30 -0.54 0.00	40.44 -1.21 0.00	40.69 -1.41 0.00	45.73 -1.50 0.00	46.11 -1.76 0.00	46.92 -1.51 0.00	47.74 -2.02 0.00	45.32 -2.38 0.32	45.82 -2.29 0.01	46.42 -2.54 0.19	45.44 -2.42 0.05	41.52 -1.74 0.00
WALDEN___HYDRO 24148	44.95 1.87 0.00	36.53 1.31 0.00	31.76 1.02 0.00	31.43 0.95 0.00	31.53 0.94 0.00	40.08 1.13 0.00	48.60 1.45 0.00	50.97 1.50 0.00	33.97 1.31 0.00	35.20 1.43 0.00	33.28 1.51 0.00	36.51 1.81 0.00	36.96 2.12 0.00	44.41 2.75 0.00	44.87 2.76 0.00	50.16 2.93 0.00	50.67 2.81 0.00	51.01 2.58 0.00	52.18 2.41 0.00	50.36 2.33 0.00	50.44 2.33 0.00	51.61 2.46 0.00	50.54 2.63 0.00	45.56 2.30 0.00

WARRENSBURG____ 23737	44.39 1.31 0.00	36.27 1.04 0.00	31.73 0.98 0.00	31.42 0.95 0.00	31.56 0.97 0.00	40.34 1.38 0.00	48.81 1.65 0.00	51.12 1.65 0.00	33.51 0.85 0.00	34.27 0.50 0.00	31.56 -0.21 0.00	34.31 -0.40 0.00	34.20 -0.64 0.00	41.11 -0.54 0.00	41.78 -0.33 0.00	47.13 -0.10 0.00	48.18 0.31 0.00	49.54 1.11 0.00	51.20 1.43 0.00	50.12 2.09 0.00	50.40 2.28 0.00	51.44 2.29 0.00	49.96 2.05 0.00	44.88 1.62 0.00
WATERSIDE____6 8 9 23538	45.42 2.34 0.00	36.92 1.69 0.00	32.05 1.30 0.00	31.71 1.24 0.00	31.80 1.21 0.00	40.35 1.39 0.00	48.91 1.75 0.00	51.26 1.79 0.00	34.40 1.74 0.00	35.70 1.93 0.00	33.82 2.05 0.00	37.17 2.46 0.00	37.67 2.84 0.00	45.22 3.57 0.00	45.74 3.64 0.00	50.96 3.73 0.00	51.19 3.32 0.00	51.16 2.72 0.00	52.18 2.41 0.00	50.36 2.33 0.00	50.44 2.33 0.00	51.77 2.62 0.00	50.95 3.04 0.00	46.04 2.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	43.61 0.53 0.00	35.58 0.35 0.00	31.04 0.29 0.00	30.75 0.28 0.00	30.88 0.29 0.00	39.32 0.36 0.00	47.56 0.40 0.00	49.72 0.25 0.00	32.56 -0.09 0.00	33.44 -0.33 0.00	31.30 -0.47 0.00	34.22 -0.49 0.00	34.37 -0.46 0.00	41.30 -0.35 0.00	41.80 -0.31 0.00	47.03 -0.20 0.00	47.74 -0.12 0.00	48.44 0.00 0.00	50.10 0.33 0.00	48.53 0.50 0.00	48.71 0.60 0.00	50.03 0.88 0.00	48.74 0.83 0.00	43.89 0.62 0.00
WDELAWARE____HYD 323627	43.80 0.72 0.00	35.61 0.39 0.00	30.95 0.20 0.00	30.64 0.17 0.00	30.73 0.14 0.00	39.10 0.14 0.00	47.43 0.27 0.00	49.72 0.25 0.00	33.07 0.41 0.00	34.23 0.46 0.00	32.30 0.53 0.00	35.40 0.69 0.00	35.86 1.02 0.00	43.16 1.50 0.00	43.54 1.44 0.00	48.75 1.51 0.00	49.40 1.54 0.00	49.85 1.42 0.00	51.04 1.27 0.00	49.27 1.24 0.00	49.33 1.21 0.00	50.43 1.28 0.00	49.36 1.45 0.00	44.47 1.20 0.00
WEST BABYLON____IC 23714	45.95 2.87 0.00	37.30 2.07 0.00	32.57 1.83 0.00	32.16 1.69 0.00	32.30 1.71 0.00	40.77 1.82 0.00	49.37 2.21 0.00	51.79 2.32 0.00	34.81 2.15 0.00	36.10 2.33 0.00	34.11 2.33 0.00	37.55 2.84 0.00	38.22 3.38 0.00	46.04 4.39 0.00	46.83 4.66 -0.06	52.24 5.01 0.00	52.92 4.75 -0.30	52.94 4.26 -0.24	53.42 3.65 0.00	51.65 3.62 0.00	51.58 3.47 0.00	52.69 3.54 0.00	51.62 3.71 0.00	46.55 3.29 0.00
WEST CANADA____HYD 24049	43.21 0.13 0.00	35.29 0.06 0.00	30.81 0.06 0.00	30.52 0.05 0.00	30.64 0.05 0.00	39.03 0.07 0.00	47.25 0.09 0.00	49.52 0.05 0.00	32.67 0.01 0.00	33.76 -0.01 0.00	31.74 -0.03 0.00	34.66 -0.05 0.00	34.80 -0.04 0.00	41.65 -0.01 0.00	42.15 0.04 0.00	47.28 0.05 0.00	47.94 0.07 0.00	48.49 0.05 0.00	49.82 0.05 0.00	48.14 0.11 0.00	48.25 0.14 0.00	49.33 0.18 0.00	48.09 0.18 0.00	43.40 0.13 0.00
WESTERN_NY_WIND 24143	41.78 -1.30 0.00	33.65 -1.58 0.00	29.34 -1.41 0.00	29.05 -1.42 0.00	29.07 -1.52 0.00	37.13 -1.83 0.00	45.35 -1.81 0.00	48.16 -1.31 0.00	31.55 -1.11 0.00	33.25 -0.52 0.00	31.19 -0.58 0.00	34.09 -0.62 0.00	34.15 -0.69 0.00	40.27 -1.38 0.00	40.65 -1.46 0.00	45.96 -1.27 0.00	47.17 -0.70 0.00	48.15 -0.29 0.00	49.16 -0.61 0.00	46.96 -0.90 0.17	47.28 -0.83 0.01	47.90 -1.08 0.18	46.77 -1.09 0.05	42.59 -0.67 0.00
WESTOVER____LESR 323668	42.84 -0.24 0.00	34.93 -0.30 0.00	30.42 -0.32 0.00	30.18 -0.29 0.00	30.26 -0.33 0.00	38.56 -0.40 0.00	46.75 -0.41 0.00	48.91 -0.56 0.00	32.18 -0.47 0.00	33.41 -0.36 0.00	31.53 -0.24 0.00	34.47 -0.23 0.00	34.70 -0.14 0.00	41.49 -0.16 0.00	41.82 -0.29 0.00	47.15 -0.08 0.00	47.85 -0.02 0.00	48.43 0.00 0.00	49.49 -0.28 0.00	47.66 -0.36 0.00	47.74 -0.37 0.00	48.59 -0.52 0.04	47.53 -0.37 0.01	43.05 -0.22 0.00
WETHRSFD_WT_PWR 323626	40.96 -2.12 0.00	32.94 -2.29 0.00	28.61 -2.13 0.00	28.36 -2.11 0.00	28.34 -2.25 0.00	36.21 -2.75 0.00	44.14 -3.02 0.00	46.71 -2.76 0.00	30.56 -2.09 0.00	32.35 -1.43 0.00	30.52 -1.25 0.00	33.42 -1.29 0.00	33.51 -1.33 0.00	39.62 -2.03 0.00	39.88 -2.23 0.00	45.16 -2.07 0.00	45.86 -2.00 0.00	46.52 -1.92 0.00	47.08 -2.69 0.00	43.88 -3.09 1.06	44.91 -3.17 0.03	45.52 -3.32 0.31	44.74 -3.13 0.04	40.90 -2.37 0.00
WHAVSTOR_138KV_BK127 55557	44.93 1.85 0.00	36.51 1.28 0.00	31.74 0.99 0.00	31.39 0.92 0.00	31.50 0.91 0.00	40.04 1.08 0.00	48.55 1.39 0.00	50.92 1.45 0.00	34.00 1.35 0.00	35.29 1.52 0.00	33.43 1.65 0.00	36.73 2.02 0.00	37.22 2.38 0.00	44.70 3.05 0.00	45.16 3.06 0.00	50.44 3.21 0.00	50.84 2.97 0.00	51.03 2.59 0.00	52.05 2.28 0.00	50.22 2.19 0.00	50.29 2.18 0.00	51.49 2.34 0.00	50.51 2.60 0.00	45.55 2.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	44.93 1.85 0.00	36.51 1.28 0.00	31.74 0.99 0.00	31.39 0.92 0.00	31.50 0.91 0.00	40.04 1.08 0.00	48.55 1.39 0.00	50.92 1.45 0.00	34.00 1.35 0.00	35.29 1.52 0.00	33.43 1.65 0.00	36.73 2.02 0.00	37.22 2.38 0.00	44.70 3.05 0.00	45.16 3.06 0.00	50.44 3.21 0.00	50.84 2.97 0.00	51.03 2.59 0.00	52.05 2.28 0.00	50.22 2.19 0.00	50.29 2.18 0.00	51.49 2.34 0.00	50.51 2.60 0.00	45.55 2.29 0.00
WHITEHAL_115KV_TB1 80871	45.61 2.53 0.00	37.19 1.96 0.00	32.71 1.97 0.00	32.41 1.94 0.00	32.60 2.01 0.00	41.79 2.83 0.00	50.52 3.37 0.00	52.79 3.32 0.00	34.32 1.67 0.00	35.04 1.27 0.00	31.87 0.09 0.00	34.49 -0.21 0.00	34.33 -0.51 0.00	41.18 -0.47 0.00	42.01 -0.10 0.00	47.71 0.48 0.00	48.98 1.12 0.00	50.84 2.41 0.00	52.48 2.71 0.00	52.05 4.03 0.00	52.46 4.35 0.00	53.23 4.08 0.00	51.42 3.51 0.00	45.76 2.49 0.00
WHITEPLN_13_KV_LOAD 356215	45.60 2.52 0.00	37.05 1.82 0.00	32.17 1.43 0.00	31.83 1.35 0.00	31.91 1.33 0.00	40.55 1.59 0.00	49.17 2.01 0.00	51.58 2.12 0.00	34.48 1.83 0.00	35.83 2.06 0.00	33.93 2.15 0.00	37.28 2.58 0.00	37.78 2.94 0.00	45.38 3.73 0.00	45.88 3.77 0.00	51.24 4.01 0.00	51.62 3.75 0.00	51.79 3.36 0.00	52.82 3.05 0.00	50.97 2.95 0.00	51.04 2.93 0.00	52.28 3.13 0.00	51.27 3.36 0.00	46.24 2.98 0.00
WM_FLOYD_69_KV_BK2 356380	45.43 2.35 0.00	36.80 1.58 0.00	32.41 1.67 0.00	32.02 1.55 0.00	32.25 1.66 0.00	40.45 1.49 0.00	48.77 1.62 0.00	51.00 1.53 0.00	34.30 1.65 0.00	35.60 1.83 0.00	33.56 1.78 0.00	36.90 2.20 0.00	37.57 2.73 0.00	45.39 3.74 0.00	46.21 4.04 -0.06	51.59 4.36 0.00	52.36 4.19 -0.30	52.40 3.72 -0.24	52.92 3.15 0.00	51.21 3.18 0.00	51.14 3.03 0.00	52.07 2.92 0.00	50.97 3.06 0.00	45.95 2.69 0.00
WOODARD__115KV_TB2 355635	42.33 -0.75 0.00	34.55 -0.67 0.00	30.12 -0.62 0.00	29.86 -0.61 0.00	29.96 -0.63 0.00	38.18 -0.78 0.00	46.28 -0.88 0.00	48.55 -0.92 0.00	31.96 -0.70 0.00	33.09 -0.68 0.00	31.18 -0.60 0.00	34.10 -0.61 0.00	34.23 -0.61 0.00	40.84 -0.81 0.00	41.33 -0.77 0.00	46.53 -0.70 0.00	47.27 -0.60 0.00	47.88 -0.55 0.00	49.12 -0.65 0.00	47.33 -0.70 0.00	47.41 -0.71 0.00	48.29 -0.82 0.03	47.10 -0.80 0.01	42.60 -0.66 0.00

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