

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

09/07/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	44.13	38.55	28.27	28.44	31.31	32.80	27.43	25.64	26.97	31.83	34.39	37.76	33.14	31.02	24.53	26.20	28.26	44.83	50.05	46.08	47.42	42.47	42.30	29.92
24138	1.93	1.59	1.18	1.07	1.08	1.05	0.95	1.09	1.18	1.56	1.86	2.17	1.98	1.90	1.65	1.74	1.78	2.51	2.44	1.95	1.87	1.65	1.55	1.03
	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.04	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	-1.61
74TH STREET_GT_1	44.19	38.62	28.32	28.51	31.39	32.89	27.50	25.68	27.03	31.90	34.46	37.83	33.19	31.07	24.55	26.23	28.29	44.91	50.16	46.20	47.58	42.61	42.39	29.98
24260	1.99	1.66	1.24	1.13	1.15	1.13	1.02	1.13	1.24	1.62	1.92	2.24	2.04	1.95	1.68	1.77	1.81	2.59	2.54	2.07	2.02	1.78	1.64	1.09
	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.04	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	-1.61
74TH STREET_GT_2	44.19	38.62	28.32	28.51	31.39	32.89	27.50	25.68	27.03	31.90	34.46	37.83	33.19	31.07	24.55	26.23	28.29	44.91	50.16	46.20	47.58	42.61	42.39	29.98
24261	1.99	1.66	1.24	1.13	1.15	1.13	1.02	1.13	1.24	1.62	1.92	2.24	2.04	1.95	1.68	1.77	1.81	2.59	2.54	2.07	2.02	1.78	1.64	1.09
	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	-0.01	0.00	-0.01	-0.04	0.00	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.38	-1.61
ADK HUDSON___FALLS	43.96	38.53	28.33	31.62	31.69	33.31	27.77	25.68	27.18	31.76	33.97	37.29	32.22	30.97	23.76	25.60	27.74	46.09	50.14	46.47	47.88	42.76	36.03	27.06
24011	1.76	1.57	1.24	1.37	1.46	1.55	1.29	1.13	1.31	1.49	1.32	1.30	1.07	1.09	0.89	1.13	1.26	2.12	2.52	2.34	2.34	1.93	1.74	1.26
	0.00	0.00	0.00	-3.15	0.00	0.00	0.00	0.00	-0.09	0.00	-0.12	-0.44	0.00	-0.84	0.00	0.00	0.00	-1.65	0.00	0.00	0.00	0.00	3.09	1.47
ADK RESOURCE___RCVRY	44.03	38.61	28.41	31.67	31.81	33.47	27.89	25.72	27.26	31.86	34.07	37.41	32.34	31.07	23.85	25.70	27.85	46.12	50.25	46.63	48.09	42.95	36.27	27.22
23798	1.83	1.65	1.33	1.50	1.58	1.71	1.41	1.17	1.39	1.58	1.43	1.43	1.19	1.21	0.98	1.24	1.37	2.19	2.63	2.50	2.54	2.13	1.93	1.39
	0.00	0.00	0.00	-3.08	0.00	0.00	0.00	0.00	-0.08	0.00	-0.11	-0.43	0.00	-0.82	0.00	0.00	0.00	-1.62	0.00	0.00	0.00	0.00	3.04	1.45
ADK S GLENS___FALLS	43.96	38.53	28.33	31.62	31.69	33.31	27.77	25.68	27.18	31.76	33.97	37.29	32.22	30.97	23.76	25.60	27.74	46.09	50.14	46.47	47.88	42.76	36.03	27.06
24028	1.76	1.57	1.24	1.37	1.46	1.55	1.29	1.13	1.31	1.49	1.32	1.30	1.07	1.09	0.89	1.13	1.26	2.12	2.52	2.34	2.34	1.93	1.74	1.26
	0.00	0.00	0.00	-3.15	0.00	0.00	0.00	0.00	-0.09	0.00	-0.12	-0.44	0.00	-0.84	0.00	0.00	0.00	-1.65	0.00	0.00	0.00	0.00	3.09	1.47
ADK_NYS___DAM	43.99	38.61	28.40	33.35	31.72	33.30	27.78	25.82	27.36	32.05	34.59	38.28	32.92	32.10	24.24	26.07	28.18	47.34	50.18	46.10	47.46	42.38	31.63	24.94
23527	1.79	1.65	1.32	1.41	1.49	1.54	1.30	1.27	1.44	1.77	1.89	2.06	1.76	1.76	1.36	1.61	1.70	2.53	2.57	1.97	1.91	1.56	1.47	1.10
	0.00	0.00	0.00	-4.85	0.00	0.00	0.00	0.00	-0.13	0.00	-0.18	-0.68	0.00	-1.29	0.00	0.00	0.00	-2.48	0.00	0.00	0.00	0.00	7.22	3.45
AIR_PRODUCTS___DRP	42.36	37.16	27.37	21.88	30.47	31.98	26.66	24.77	25.92	30.67	32.75	35.13	31.48	27.94	23.32	24.99	27.02	40.20	48.17	44.44	45.76	40.92	35.11	26.26
24190	0.16	0.19	0.29	0.32	0.24	0.22	0.18	0.23	0.28	0.39	0.43	0.36	0.32	0.37	0.44	0.52	0.54	0.64	0.56	0.31	0.21	0.09	0.07	0.09
	0.00	0.00	0.00	5.53	0.00	0.00	0.00	0.00	0.15	0.00	0.20	0.77	0.00	1.48	0.00	0.00	0.00	2.76	0.00	0.00	0.00	0.00	2.34	1.12
AKWESSNE_115KV_BK	43.16	37.68	27.44	27.40	30.66	32.23	26.86	24.89	26.15	30.73	32.96	35.96	31.48	29.33	23.01	24.58	26.61	42.71	48.18	44.77	46.31	41.64	38.10	27.76
355683	0.96	0.71	0.35	0.31	0.43	0.47	0.38	0.35	0.37	0.45	0.43	0.41	0.32	0.28	0.14	0.11	0.13	0.38	0.56	0.64	0.76	0.82	0.72	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.26	37.92	27.90	22.87	31.11	32.66	27.24	25.27	26.41	31.18	33.12	35.53	31.77	28.32	23.51	25.18	27.26	40.83	49.02	45.38	46.76	41.80	36.72	27.21
323833	1.06	0.96	0.82	0.86	0.88	0.91	0.76	0.72	0.77	0.91	0.78	0.70	0.61	0.63	0.64	0.72	0.79	1.28	1.40	1.25	1.21	0.97	0.86	0.66
	0.00	0.00	0.00	5.08	0.00	0.00	0.00	0.00	0.14	0.00	0.19	0.71	0.00	1.36	0.00	0.00	0.00	2.78	0.00	0.00	0.00	0.00	1.52	0.73
ALBANY_2_SOLAR	43.25	37.92	27.90	22.87	31.10	32.65	27.23	25.26	26.41	31.17	33.11	35.53	31.76	28.32	23.51	25.18	27.25	40.81	49.00	45.37	46.75	41.78	36.72	27.21
323834	1.05	0.96	0.81	0.85	0.87	0.90	0.75	0.71	0.76	0.90	0.78	0.69	0.61	0.63	0.64	0.72	0.78	1.26	1.39	1.24	1.20	0.96	0.86	0.65
	0.00	0.00	0.00	5.07	0.00	0.00	0.00	0.00	0.14	0.00	0.19	0.71	0.00	1.35	0.00	0.00	0.00	2.77	0.00	0.00	0.00	0.00	1.52	0.73
ALBANY___1	42.36	37.16	27.37	21.88	30.47	31.98	26.66	24.77	25.92	30.67	32.75	35.13	31.48	27.94	23.32	24.99	27.02	40.20	48.17	44.44	45.76	40.92	35.11	26.26
23571	0.16	0.19	0.29	0.32	0.24	0.22	0.18	0.23	0.28	0.39	0.43	0.36	0.32	0.37	0.44	0.52	0.54	0.64	0.56	0.31	0.21	0.09	0.07	0.09
	0.00	0.00	0.00	5.53	0.00	0.00	0.00	0.00	0.15	0.00	0.20	0.77	0.00	1.48	0.00	0.00	0.00	2.76	0.00	0.00	0.00	0.00	2.34	1.12

ALBANY___2 23572	42.36 0.16 0.00	37.16 0.19 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.77 0.23 0.00	25.92 0.28 0.15	30.67 0.39 0.00	32.75 0.43 0.20	35.13 0.36 0.77	31.48 0.32 0.00	27.94 0.37 1.48	23.32 0.44 0.00	24.99 0.52 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.11 0.07 2.34	26.26 0.09 1.12
ALBANY___3 23573	42.36 0.16 0.00	37.16 0.19 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.77 0.23 0.00	25.92 0.28 0.15	30.67 0.39 0.00	32.75 0.43 0.20	35.13 0.36 0.77	31.48 0.32 0.00	27.94 0.37 1.48	23.32 0.44 0.00	24.99 0.52 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.11 0.07 2.34	26.26 0.09 1.12
ALBANY___4 23574	42.36 0.16 0.00	37.16 0.19 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.77 0.23 0.00	25.92 0.28 0.15	30.67 0.39 0.00	32.75 0.43 0.20	35.13 0.36 0.77	31.48 0.32 0.00	27.94 0.37 1.48	23.32 0.44 0.00	24.99 0.52 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.11 0.07 2.34	26.26 0.09 1.12
ALBANY___LFGE 323615	42.78 0.58 0.00	37.51 0.55 0.00	27.61 0.53 0.00	24.39 0.50 3.21	30.69 0.45 0.00	32.22 0.46 0.00	26.87 0.39 0.00	24.98 0.43 0.00	26.19 0.49 0.09	30.91 0.64 0.00	33.08 0.67 0.12	35.72 0.62 0.45	31.73 0.58 0.00	28.79 0.61 0.86	23.52 0.64 0.00	25.22 0.76 0.00	27.28 0.81 0.00	44.11 1.10 -0.69	48.71 1.10 0.00	44.93 0.80 0.00	46.26 0.71 0.00	41.35 0.53 0.00	35.25 0.45 2.58	26.41 0.36 1.23
ALCOA_PA_115KV_PL-6C 55860	43.41 1.21 0.00	37.89 0.93 0.00	27.58 0.50 0.00	27.55 0.45 0.00	30.83 0.60 0.00	32.41 0.65 0.00	27.02 0.54 0.00	25.04 0.49 0.00	26.28 0.50 0.00	30.86 0.59 0.00	33.09 0.56 0.00	36.12 0.57 0.00	31.61 0.45 0.00	29.42 0.38 0.00	23.08 0.20 0.00	24.63 0.17 0.00	26.67 0.20 0.00	42.84 0.53 0.00	48.42 0.81 0.00	45.05 0.92 0.00	46.60 1.06 0.00	41.90 1.08 0.00	38.33 0.95 0.00	27.94 0.66 0.00
ALCOA_RYNLDS___DRP 24188	43.41 1.21 0.00	37.89 0.93 0.00	27.58 0.50 0.00	27.55 0.45 0.00	30.83 0.60 0.00	32.41 0.65 0.00	27.02 0.54 0.00	25.04 0.49 0.00	26.28 0.50 0.00	30.86 0.59 0.00	33.09 0.56 0.00	36.12 0.57 0.00	31.61 0.45 0.00	29.42 0.38 0.00	23.08 0.20 0.00	24.63 0.17 0.00	26.67 0.20 0.00	42.84 0.53 0.00	48.42 0.81 0.00	45.05 0.92 0.00	46.60 1.06 0.00	41.90 1.08 0.00	38.33 0.95 0.00	27.94 0.66 0.00
ALCOA___DSASP 323711	43.41 1.21 0.00	37.89 0.93 0.00	27.58 0.50 0.00	27.55 0.45 0.00	30.83 0.60 0.00	32.41 0.65 0.00	27.02 0.54 0.00	25.04 0.49 0.00	26.28 0.50 0.00	30.86 0.59 0.00	33.08 0.56 0.00	36.11 0.57 0.00	31.61 0.45 0.00	29.42 0.38 0.00	23.08 0.20 0.00	24.63 0.17 0.00	26.68 0.20 0.00	42.85 0.53 0.00	48.42 0.80 0.00	45.05 0.92 0.00	46.61 1.05 0.00	41.90 1.08 0.00	38.33 0.95 0.00	27.94 0.65 0.00
ALLEGHENY___COGEN 23514	42.19 -0.02 0.00	36.74 -0.22 0.00	26.89 -0.19 0.00	27.00 -0.10 0.00	30.15 -0.08 0.00	31.73 -0.02 0.00	26.40 -0.09 0.00	24.52 -0.03 0.00	25.62 -0.17 0.00	29.44 -0.84 0.00	31.20 -1.33 0.00	34.30 -1.25 0.00	29.93 -1.22 0.00	27.98 -1.06 0.00	22.02 -0.86 0.00	23.60 -0.86 0.00	25.62 -0.85 0.00	40.89 -1.43 0.00	46.35 -1.27 0.00	44.37 0.24 0.00	46.26 0.71 0.00	41.42 0.59 0.00	37.78 0.40 0.00	27.65 0.37 0.00
ALTAMONT_115KV_TB 2 55880	42.82 0.62 0.00	37.54 0.57 0.00	27.59 0.50 0.00	24.77 0.52 2.85	30.75 0.52 0.00	32.27 0.51 0.00	26.92 0.44 0.00	24.99 0.44 0.00	26.19 0.48 0.08	30.88 0.61 0.00	33.07 0.65 0.10	35.83 0.68 0.40	31.77 0.61 0.00	28.90 0.62 0.76	23.42 0.55 0.00	25.08 0.62 0.00	27.13 0.66 0.00	41.78 0.94 1.48	48.55 0.94 0.00	44.85 0.72 0.00	46.23 0.68 0.00	41.37 0.54 0.00	36.35 0.48 1.51	26.92 0.36 0.72
ALTONA_WT_PWR 323606	43.00 0.80 0.00	37.99 1.03 0.00	28.02 0.94 0.00	27.71 0.62 0.00	30.92 0.69 0.00	32.58 0.82 0.00	27.10 0.62 0.00	25.24 0.69 0.00	26.81 1.02 0.00	31.69 1.41 0.00	33.67 1.14 0.00	36.33 0.78 0.00	31.38 0.22 0.00	28.90 -0.14 0.00	22.47 -0.40 0.00	23.83 -0.63 0.00	25.66 -0.82 0.00	42.57 0.25 0.00	48.77 1.15 0.00	45.20 1.07 0.00	46.76 1.21 0.00	42.00 1.18 0.00	38.19 0.81 0.00	27.56 0.27 0.00
AMERICAN_REF_FUEL 24010	39.04 -3.16 0.00	33.89 -3.08 0.00	24.94 -2.15 0.00	25.02 -2.08 0.00	28.09 -2.14 0.00	29.56 -2.19 0.00	24.51 -1.98 0.00	22.66 -1.89 0.00	23.82 -1.96 0.00	27.94 -2.34 0.00	29.98 -2.54 0.00	32.88 -2.67 0.00	28.70 -2.45 0.00	26.89 -2.15 0.00	21.10 -1.77 0.00	22.54 -1.93 0.00	24.31 -2.17 0.00	38.43 -3.90 0.00	42.87 -4.75 0.00	40.34 -3.79 0.00	42.13 -3.42 0.00	38.05 -2.77 0.00	34.78 -2.60 0.00	25.91 -1.38 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	40.28 -1.92 0.00	35.15 -1.82 0.00	25.56 -1.53 0.00	25.65 -1.44 0.00	28.85 -1.38 0.00	30.39 -1.37 0.00	25.21 -1.27 0.00	23.35 -1.20 0.00	24.35 -1.44 0.00	28.55 -1.72 0.00	30.71 -1.82 0.00	33.72 -1.83 0.00	29.37 -1.79 0.00	27.51 -1.53 0.00	21.71 -1.16 0.00	23.20 -1.27 0.00	25.11 -1.37 0.00	39.79 -2.53 0.00	44.57 -3.05 0.00	41.73 -2.40 0.00	43.46 -2.08 0.00	38.94 -1.88 0.00	35.82 -1.56 0.00	26.29 -1.00 0.00
ARTHUR KILL_GT_1 23520	44.16 1.96 0.00	38.63 1.67 0.00	28.32 1.24 0.00	28.48 1.10 -0.29	31.36 1.13 0.00	32.87 1.12 0.00	27.52 1.03 0.00	25.64 1.10 0.00	26.98 1.19 -0.01	31.87 1.59 0.00	34.39 1.85 -0.01	37.77 2.18 -0.04	33.15 2.00 0.00	30.90 1.79 -0.08	24.36 1.49 0.00	26.08 1.61 0.00	28.06 1.59 0.00	44.54 2.22 0.00	49.80 2.19 0.00	45.85 1.72 0.00	47.25 1.70 0.00	42.39 1.56 0.00	42.20 1.45 -3.38	29.88 0.98 -1.61
ARTHUR_KILL_2 23512	44.04 1.84 0.00	38.52 1.56 0.00	28.25 1.17 0.00	28.41 1.03 -0.29	31.28 1.05 0.00	32.79 1.03 0.00	27.45 0.97 0.00	25.58 1.03 0.00	26.91 1.12 -0.01	31.78 1.51 0.00	34.30 1.77 -0.01	37.67 2.08 -0.04	33.06 1.91 0.00	30.82 1.70 -0.08	24.31 1.43 0.00	26.01 1.54 0.00	27.99 1.51 0.00	44.43 2.11 0.00	49.66 2.05 0.00	45.71 1.57 0.00	47.10 1.55 0.00	42.26 1.44 0.00	42.09 1.34 -3.38	29.79 0.90 -1.61
ARTHUR_KILL_3 23513	43.69 1.49 0.00	38.20 1.23 0.00	28.01 0.92 0.00	28.20 0.82 -0.29	31.05 0.82 0.00	32.53 0.77 0.00	27.21 0.73 0.00	25.41 0.86 0.00	26.73 0.93 -0.01	31.56 1.28 0.00	34.08 1.55 -0.01	37.42 1.83 -0.04	32.83 1.68 0.00	30.74 1.62 -0.08	24.31 1.43 0.00	25.97 1.50 0.00	28.01 1.53 0.00	44.44 2.12 0.00	49.60 1.98 0.00	45.67 1.54 0.00	47.03 1.48 0.00	42.14 1.31 0.00	41.97 1.22 -3.38	29.69 0.80 -1.61

ARTHUR_KILL_COGEN 323718	44.17 1.97 0.00	38.63 1.66 0.00	28.32 1.24 0.00	28.48 1.10 -0.29	31.36 1.13 0.00	32.87 1.12 0.00	27.52 1.03 0.00	25.65 1.10 0.00	26.98 1.19 -0.01	31.87 1.59 0.00	34.39 1.85 -0.01	37.77 2.18 -0.04	33.15 2.00 0.00	30.90 1.78 -0.08	24.37 1.49 0.00	26.08 1.62 0.00	28.06 1.59 0.00	44.54 2.22 0.00	49.80 2.19 0.00	45.85 1.71 0.00	47.25 1.70 0.00	42.39 1.56 0.00	42.21 1.45 -3.38	29.88 0.98 -1.61
ASHOKAN____ 23654	43.34 1.14 0.00	37.91 0.95 0.00	27.85 0.77 0.00	24.15 0.86 3.81	31.00 0.77 0.00	32.53 0.78 0.00	27.18 0.70 0.00	25.31 0.76 0.00	26.58 0.90 0.10	31.41 1.14 0.00	33.67 1.28 0.14	36.19 1.17 0.53	32.13 0.97 0.00	29.08 1.05 1.02	23.78 0.91 0.00	25.47 1.01 0.00	27.52 1.05 0.00	42.06 1.86 2.11	49.54 1.93 0.00	45.87 1.74 0.00	47.25 1.70 0.00	42.14 1.31 0.00	38.49 1.11 0.00	27.98 0.70 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.73 1.54 0.01	38.23 1.27 0.00	28.10 1.02 0.00	28.20 0.82 -0.29	31.01 0.78 0.00	32.50 0.75 0.00	27.25 0.77 0.00	25.39 0.84 0.00	26.70 0.91 -0.01	31.53 1.25 0.00	34.05 1.52 -0.01	37.34 1.75 -0.04	32.83 1.67 0.00	30.73 1.61 -0.08	24.32 1.44 0.00	25.96 1.50 0.00	27.93 1.45 0.00	44.29 1.97 0.00	49.53 1.92 0.00	45.59 1.46 0.00	46.90 1.36 0.01	42.07 1.26 0.01	41.96 1.21 -3.38	29.70 0.81 -1.61
ASTORIA_EAST_ENERGY_CC2 323582	43.73 1.54 0.01	38.23 1.27 0.00	28.10 1.02 0.00	28.20 0.82 -0.29	31.01 0.78 0.00	32.50 0.75 0.00	27.25 0.77 0.00	25.39 0.84 0.00	26.70 0.91 -0.01	31.53 1.25 0.00	34.05 1.52 -0.01	37.34 1.75 -0.04	32.83 1.67 0.00	30.73 1.61 -0.08	24.32 1.44 0.00	25.96 1.50 0.00	27.93 1.45 0.00	44.29 1.97 0.00	49.53 1.92 0.00	45.59 1.46 0.00	46.90 1.36 0.01	42.07 1.26 0.01	41.96 1.21 -3.38	29.70 0.81 -1.61
ASTORIA_GT2_1 24094	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT2_2 24095	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT2_3 24096	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT2_4 24097	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT3_1 24098	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT3_2 24099	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT3_3 24100	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT3_4 24101	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT4_1 24102	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT4_2 24103	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT4_3 24104	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61

ASTORIA_GT4_4 24105	43.74 1.55 0.01	38.26 1.30 0.00	28.11 1.02 0.00	28.21 0.83 -0.29	31.03 0.80 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.70 0.00	30.74 1.63 -0.08	24.31 1.44 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.61 1.48 0.00	46.93 1.38 0.01	42.10 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA_GT_1 23523	43.82 1.63 0.01	38.33 1.37 0.00	28.16 1.08 0.00	28.26 0.88 -0.29	31.08 0.85 0.00	32.57 0.81 0.00	27.31 0.83 0.00	25.44 0.90 0.00	26.76 0.96 -0.01	31.59 1.31 0.00	34.13 1.60 -0.01	37.43 1.84 -0.04	32.90 1.75 0.00	30.80 1.68 -0.08	24.36 1.48 0.00	26.02 1.56 0.00	27.99 1.51 0.00	44.39 2.07 0.00	49.66 2.04 0.00	45.69 1.56 0.00	47.01 1.47 0.01	42.17 1.36 0.01	42.05 1.30 -3.38	29.76 0.87 -1.61
ASTORIA_GT_10 24110	43.87 1.67 0.00	38.36 1.39 0.00	28.15 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.98 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.38 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.09 1.34 -3.38	29.78 0.88 -1.61
ASTORIA_GT_11 24225	43.87 1.67 0.00	38.36 1.39 0.00	28.15 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.98 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.38 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.09 1.34 -3.38	29.78 0.88 -1.61
ASTORIA_GT_12 24226	43.87 1.67 0.00	38.36 1.39 0.00	28.15 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.98 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.38 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.09 1.34 -3.38	29.78 0.88 -1.61
ASTORIA_GT_13 24227	43.87 1.67 0.00	38.36 1.39 0.00	28.15 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.98 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.38 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.09 1.34 -3.38	29.78 0.88 -1.61
ASTORIA_GT_5 24106	43.82 1.63 0.01	38.33 1.37 0.00	28.16 1.08 0.00	28.26 0.88 -0.29	31.08 0.85 0.00	32.57 0.81 0.00	27.31 0.83 0.00	25.44 0.90 0.00	26.76 0.96 -0.01	31.59 1.31 0.00	34.13 1.60 -0.01	37.43 1.84 -0.04	32.90 1.75 0.00	30.80 1.68 -0.08	24.36 1.48 0.00	26.02 1.56 0.00	27.99 1.51 0.00	44.39 2.07 0.00	49.66 2.04 0.00	45.69 1.56 0.00	47.01 1.47 0.01	42.17 1.36 0.01	42.05 1.30 -3.38	29.76 0.87 -1.61
ASTORIA_GT_7 24107	43.82 1.63 0.01	38.33 1.37 0.00	28.16 1.08 0.00	28.26 0.88 -0.29	31.08 0.85 0.00	32.57 0.81 0.00	27.31 0.83 0.00	25.44 0.90 0.00	26.76 0.96 -0.01	31.59 1.31 0.00	34.13 1.60 -0.01	37.43 1.84 -0.04	32.90 1.75 0.00	30.80 1.68 -0.08	24.36 1.48 0.00	26.02 1.56 0.00	27.99 1.51 0.00	44.39 2.07 0.00	49.66 2.04 0.00	45.69 1.56 0.00	47.01 1.47 0.01	42.17 1.36 0.01	42.05 1.30 -3.38	29.76 0.87 -1.61
ASTORIA_GT_8 24108	43.82 1.63 0.01	38.33 1.37 0.00	28.16 1.08 0.00	28.26 0.88 -0.29	31.08 0.85 0.00	32.57 0.81 0.00	27.31 0.83 0.00	25.44 0.90 0.00	26.76 0.96 -0.01	31.59 1.31 0.00	34.13 1.60 -0.01	37.43 1.84 -0.04	32.90 1.75 0.00	30.80 1.68 -0.08	24.36 1.48 0.00	26.02 1.56 0.00	27.99 1.51 0.00	44.39 2.07 0.00	49.66 2.04 0.00	45.69 1.56 0.00	47.01 1.47 0.01	42.17 1.36 0.01	42.05 1.30 -3.38	29.76 0.87 -1.61
ASTORIA___2 24149	43.75 1.56 0.01	38.26 1.30 0.00	28.11 1.03 0.00	28.21 0.83 -0.29	31.03 0.79 0.00	32.52 0.76 0.00	27.27 0.79 0.00	25.41 0.85 0.00	26.72 0.92 -0.01	31.54 1.26 0.00	34.07 1.53 -0.01	37.36 1.77 -0.04	32.85 1.69 0.00	30.75 1.63 -0.08	24.33 1.45 0.00	25.97 1.51 0.00	27.94 1.46 0.00	44.30 1.98 0.00	49.56 1.95 0.00	45.60 1.47 0.00	46.92 1.38 0.01	42.11 1.29 0.01	41.98 1.23 -3.38	29.71 0.82 -1.61
ASTORIA___3 23516	43.87 1.67 0.00	38.36 1.39 0.00	28.16 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.97 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.39 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.42 0.00	42.10 1.34 -3.38	29.78 0.88 -1.61
ASTORIA___4 23517	43.87 1.67 0.00	38.36 1.39 0.00	28.15 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.98 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.38 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.09 1.34 -3.38	29.78 0.88 -1.61
ASTORIA___5 23518	43.87 1.67 0.00	38.36 1.39 0.00	28.16 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.97 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.39 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.10 1.34 -3.38	29.78 0.88 -1.61
AST_ENERGY_2_CC3 323677	30.61 1.13 12.72	24.59 0.93 13.30	24.38 0.75 3.46	24.38 0.56 3.27	24.38 0.49 6.35	24.38 0.44 7.82	24.38 0.52 2.63	24.30 0.61 0.86	24.38 0.66 2.07	24.38 0.96 6.86	24.46 1.20 9.27	25.10 1.41 11.87	24.75 1.38 7.79	24.38 1.34 6.00	24.12 1.27 0.02	24.36 1.28 1.38	24.38 1.20 3.31	30.58 1.56 13.30	31.39 1.47 17.70	25.37 1.03 19.79	27.38 0.92 19.09	26.66 0.87 15.04	27.28 0.85 10.95	24.72 0.54 3.10
AST_ENERGY_2_CC4 323678	30.61 1.13 12.72	24.59 0.93 13.30	24.38 0.75 3.46	24.38 0.56 3.27	24.38 0.49 6.35	24.38 0.44 7.82	24.38 0.52 2.63	24.30 0.61 0.86	24.38 0.66 2.07	24.38 0.96 6.86	24.46 1.20 9.27	25.10 1.41 11.87	24.75 1.38 7.79	24.38 1.34 6.00	24.12 1.27 0.02	24.36 1.28 1.38	24.38 1.20 3.31	30.58 1.56 13.30	31.39 1.47 17.70	25.37 1.03 19.79	27.38 0.92 19.09	26.66 0.87 15.04	27.28 0.85 10.95	24.72 0.54 3.10

ATHENS_STG_1 23668	43.02 0.82 0.00	37.69 0.73 0.00	27.69 0.61 0.00	27.70 0.60 0.00	30.84 0.61 0.00	32.35 0.59 0.00	27.01 0.52 0.00	25.09 0.54 0.00	26.39 0.60 0.00	31.07 0.79 0.00	33.43 0.91 0.00	36.59 1.03 0.00	32.08 0.93 0.00	29.95 0.91 0.00	23.63 0.76 0.00	25.28 0.81 0.00	27.29 0.82 0.00	43.49 1.17 0.00	48.70 1.09 0.00	44.94 0.81 0.00	46.31 0.76 0.00	41.47 0.65 0.00	39.32 0.58 -1.36	28.33 0.40 -0.65
ATHENS_STG_2 23670	43.02 0.82 0.00	37.69 0.73 0.00	27.69 0.61 0.00	27.70 0.60 0.00	30.84 0.61 0.00	32.35 0.59 0.00	27.01 0.52 0.00	25.09 0.54 0.00	26.39 0.60 0.00	31.07 0.79 0.00	33.43 0.91 0.00	36.59 1.03 0.00	32.08 0.93 0.00	29.95 0.91 0.00	23.63 0.76 0.00	25.28 0.81 0.00	27.29 0.82 0.00	43.49 1.17 0.00	48.70 1.09 0.00	44.94 0.81 0.00	46.31 0.76 0.00	41.47 0.65 0.00	39.32 0.58 -1.36	28.33 0.40 -0.65
ATHENS_STG_3 23677	43.02 0.82 0.00	37.69 0.73 0.00	27.69 0.61 0.00	27.70 0.60 0.00	30.84 0.61 0.00	32.35 0.59 0.00	27.01 0.52 0.00	25.09 0.54 0.00	26.39 0.60 0.00	31.07 0.79 0.00	33.43 0.91 0.00	36.59 1.03 0.00	32.08 0.93 0.00	29.95 0.91 0.00	23.63 0.76 0.00	25.28 0.81 0.00	27.29 0.82 0.00	43.49 1.17 0.00	48.70 1.09 0.00	44.94 0.81 0.00	46.31 0.76 0.00	41.47 0.65 0.00	39.32 0.58 -1.36	28.33 0.40 -0.65
AUBURN___LFGE 323710	41.58 -0.62 0.00	36.50 -0.46 0.00	26.80 -0.29 0.00	26.78 -0.32 0.00	29.86 -0.38 0.00	31.38 -0.37 0.00	26.15 -0.34 0.00	24.20 -0.34 0.00	25.40 -0.39 0.00	29.71 -0.57 0.00	31.88 -0.64 0.00	34.98 -0.57 0.00	30.53 -0.63 0.00	28.52 -0.52 0.00	22.48 -0.39 0.00	23.91 -0.56 0.00	26.02 -0.46 0.00	41.68 -0.64 0.00	47.06 -0.55 0.00	43.86 -0.27 0.00	45.35 -0.20 0.00	40.61 -0.21 0.00	37.04 -0.34 0.00	27.11 -0.17 0.00
BABYLON_RES_REC 323704	43.46 1.26 0.00	37.91 0.95 0.00	27.78 0.70 0.00	27.93 0.54 -0.29	30.71 0.48 0.00	32.08 0.33 0.00	26.75 0.27 0.00	25.05 0.50 0.00	26.46 0.67 -0.01	31.37 1.09 0.00	34.52 1.98 -0.01	37.90 2.31 -0.04	33.29 2.13 0.00	31.17 2.06 -0.08	24.64 1.76 0.00	26.19 1.73 0.00	28.07 1.60 0.00	44.43 2.11 0.00	49.57 1.95 0.00	45.85 1.72 0.00	47.21 1.66 0.00	42.38 1.55 0.00	42.30 1.54 -3.38	29.84 0.94 -1.61
BALL_HILL_WT_PWR 323825	39.92 -2.28 0.00	34.80 -2.17 0.00	25.44 -1.64 0.00	25.54 -1.55 0.00	28.66 -1.57 0.00	30.19 -1.57 0.00	25.05 -1.43 0.00	23.20 -1.35 0.00	24.31 -1.48 0.00	28.49 -1.79 0.00	30.54 -1.99 0.00	33.52 -2.03 0.00	29.23 -1.93 0.00	27.37 -1.67 0.00	21.57 -1.31 0.00	23.05 -1.42 0.00	24.91 -1.57 0.00	39.52 -2.80 0.00	44.24 -3.38 0.00	41.50 -2.63 0.00	43.31 -2.24 0.00	38.92 -1.90 0.00	35.67 -1.71 0.00	26.28 -1.00 0.00
BARON_WINDS___WT_PWR 323822	40.47 -1.73 0.00	35.38 -1.59 0.00	25.81 -1.28 0.00	26.01 -1.09 0.00	28.99 -1.24 0.00	30.51 -1.25 0.00	25.35 -1.14 0.00	23.54 -1.01 0.00	24.68 -1.11 0.00	28.63 -1.64 0.00	30.33 -2.20 0.00	33.29 -2.27 0.00	29.07 -2.08 0.00	27.22 -1.82 0.00	21.53 -1.34 0.00	23.03 -1.44 0.00	25.00 -1.48 0.00	39.76 -2.56 0.00	44.93 -2.68 0.00	42.21 -1.92 0.00	43.90 -1.65 0.00	39.38 -1.44 0.00	36.12 -1.26 0.00	26.43 -0.85 0.00
BARRETT_IC_1 23704	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_10 23701	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_11 23702	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_12 23703	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_2 23705	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_3 23706	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_4 23707	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_5 23708	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62

BARRETT_IC_6 23709	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_7 23710	43.77 1.57 0.00	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.78 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.67 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.59 0.00	26.05 1.59 0.00	27.96 1.48 0.00	44.27 1.95 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 0.00	42.17 1.41 -3.38	29.79 0.90 -1.61
BARRETT_IC_8 23711	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT_IC_9 23700	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT___1 23545	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BARRETT___2 23546	43.78 1.58 -0.01	38.23 1.27 0.00	28.02 0.93 0.00	28.19 0.81 -0.29	31.02 0.79 0.00	32.43 0.68 0.00	27.01 0.53 0.00	25.27 0.72 0.00	26.66 0.87 -0.01	31.52 1.25 0.00	34.31 1.78 -0.01	37.70 2.11 -0.04	33.05 1.90 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.05 1.59 0.00	27.95 1.48 0.00	44.28 1.96 0.00	49.41 1.80 0.00	45.68 1.55 0.00	47.03 1.48 0.00	42.25 1.42 -0.01	42.18 1.42 -3.39	29.80 0.90 -1.62
BATAVIA___115KV_TB1 55881	40.80 -1.40 0.00	35.47 -1.49 0.00	26.05 -1.03 0.00	26.11 -0.98 0.00	29.27 -0.96 0.00	30.82 -0.93 0.00	25.59 -0.88 0.00	23.70 -0.85 0.00	24.84 -0.95 0.00	28.90 -1.38 0.00	30.94 -1.59 0.00	33.85 -1.70 0.00	29.58 -1.58 0.00	27.68 -1.36 0.00	21.72 -1.15 0.00	23.26 -1.20 0.00	25.13 -1.35 0.00	40.17 -2.15 0.00	45.27 -2.34 0.00	42.73 -1.40 0.00	44.54 -1.01 0.00	40.00 -0.82 0.00	36.50 -0.88 0.00	26.97 -0.31 0.00
BAYONEEC___CTG1 323682	43.87 1.67 0.00	38.35 1.39 0.00	28.12 1.04 0.00	28.31 0.93 -0.29	31.17 0.93 0.00	32.65 0.90 0.00	27.31 0.																	

BAYONEEC___CTG8 323689	43.87 1.67 0.00	38.35 1.39 0.00	28.12 1.04 0.00	28.31 0.93 -0.29	31.17 0.93 0.00	32.65 0.90 0.00	27.31 0.82 0.00	25.50 0.95 0.00	26.83 1.03 -0.01	31.66 1.39 0.00	34.20 1.66 -0.01	37.54 1.96 -0.04	32.95 1.79 0.00	30.85 1.73 -0.08	24.38 1.51 0.00	26.04 1.58 0.00	28.09 1.61 0.00	44.57 2.25 0.00	49.75 2.14 0.00	45.82 1.69 0.00	47.18 1.63 0.00	42.26 1.44 0.00	42.11 1.36 -3.38	29.79 0.89 -1.61
BAYONEEC___CTG9 323749	43.87 1.67 0.00	38.35 1.39 0.00	28.12 1.04 0.00	28.31 0.93 -0.29	31.17 0.93 0.00	32.65 0.90 0.00	27.31 0.82 0.00	25.50 0.95 0.00	26.83 1.03 -0.01	31.66 1.39 0.00	34.20 1.66 -0.01	37.54 1.96 -0.04	32.95 1.79 0.00	30.85 1.73 -0.08	24.38 1.51 0.00	26.04 1.58 0.00	28.09 1.61 0.00	44.57 2.25 0.00	49.75 2.14 0.00	45.82 1.69 0.00	47.18 1.63 0.00	42.26 1.44 0.00	42.11 1.36 -3.38	29.79 0.89 -1.61
BEACON___LESR 323632	42.92 0.72 0.00	37.59 0.63 0.00	27.66 0.57 0.00	18.16 0.63 9.57	30.84 0.61 0.00	32.41 0.65 0.00	27.02 0.54 0.00	25.14 0.59 0.00	26.19 0.66 0.26	31.10 0.82 0.00	33.04 0.87 0.35	35.13 0.91 1.34	31.93 0.77 0.00	27.27 0.78 2.55	23.61 0.73 0.00	25.30 0.84 0.00	27.43 0.95 0.00	38.38 1.43 5.37	49.01 1.40 0.00	45.15 1.02 0.00	46.48 0.93 0.00	41.44 0.61 0.00	35.37 0.48 2.49	26.53 0.43 1.19
BEAVER RIVER___HYD 24048	42.61 0.41 0.00	37.18 0.22 0.00	27.14 0.06 0.00	27.15 0.06 0.00	30.43 0.20 0.00	32.29 0.54 0.00	26.87 0.39 0.00	24.65 0.10 0.00	25.89 0.10 0.00	30.40 0.13 0.00	32.59 0.06 0.00	35.04 -0.51 0.00	30.73 -0.43 0.00	28.07 -0.97 0.00	21.88 -1.00 0.00	23.37 -1.09 0.00	25.48 -1.00 0.00	41.11 -1.21 0.00	47.66 0.05 0.00	45.12 0.99 0.00	46.33 0.78 0.00	41.59 0.77 0.00	38.03 0.65 0.00	27.85 0.56 0.00
BEEBEE_GT_13 23619	40.90 -1.30 0.00	35.71 -1.25 0.00	26.21 -0.87 0.00	26.25 -0.84 0.00	29.36 -0.87 0.00	30.89 -0.87 0.00	25.67 -0.81 0.00	23.79 -0.76 0.00	24.96 -0.83 0.00	29.22 -1.06 0.00	31.38 -1.14 0.00	34.37 -1.18 0.00	30.08 -1.07 0.00	28.12 -0.92 0.00	22.12 -0.76 0.00	23.65 -0.82 0.00	25.63 -0.85 0.00	40.99 -1.33 0.00	46.11 -1.50 0.00	43.07 -1.06 0.00	44.65 -0.91 0.00	40.03 -0.80 0.00	36.57 -0.81 0.00	26.83 -0.45 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.29 2.09 0.00	38.70 1.74 0.00	28.37 1.29 0.00	28.51 1.13 -0.29	31.39 1.15 0.00	32.89 1.14 0.00	27.55 1.07 0.00	25.69 1.14 0.00	27.03 1.24 -0.01	31.93 1.65 0.00	34.48 1.94 -0.01	37.87 2.28 -0.04	33.25 2.09 0.00	31.09 1.97 -0.08	24.55 1.67 0.00	26.25 1.79 0.00	28.28 1.80 0.00	44.87 2.55 0.00	50.14 2.52 0.00	46.15 2.02 0.00	47.55 2.00 0.00	42.64 1.82 0.00	42.43 1.67 -3.38	30.01 1.11 -1.61
BETHLEHEM___GRP 23843	42.36 0.16 0.00	37.16 0.19 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.77 0.23 0.00	25.92 0.28 0.15	30.67 0.39 0.00	32.75 0.43 0.20	35.13 0.36 0.77	31.48 0.32 0.00	27.94 0.37 1.48	23.32 0.44 0.00	24.99 0.52 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.11 0.07 2.34	26.26 0.09 1.12
BETHLEHEM___GS1 323560	42.36 0.16 0.00	37.16 0.20 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.78 0.23 0.00	25.92 0.29 0.15	30.67 0.40 0.00	32.75 0.43 0.20	35.13 0.35 0.77	31.48 0.32 0.00	27.93 0.37 1.48	23.31 0.44 0.00	24.99 0.53 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.10 0.06 2.34	26.26 0.09 1.12
BETHLEHEM___GS2 323561	42.36 0.16 0.00	37.16 0.20 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.78 0.23 0.00	25.92 0.29 0.15	30.67 0.40 0.00	32.75 0.43 0.20	35.13 0.35 0.77	31.48 0.32 0.00	27.93 0.37 1.48	23.31 0.44 0.00	24.99 0.53 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.10 0.06 2.34	26.26 0.09 1.12
BETHLEHEM___GS3 323562	42.36 0.16 0.00	37.16 0.20 0.00	27.37 0.29 0.00	21.88 0.32 5.53	30.47 0.24 0.00	31.98 0.22 0.00	26.66 0.18 0.00	24.78 0.23 0.00	25.92 0.29 0.15	30.67 0.40 0.00	32.75 0.43 0.20	35.13 0.35 0.77	31.48 0.32 0.00	27.93 0.37 1.48	23.31 0.44 0.00	24.99 0.53 0.00	27.02 0.54 0.00	40.20 0.64 2.76	48.17 0.56 0.00	44.44 0.31 0.00	45.76 0.21 0.00	40.92 0.09 0.00	35.10 0.06 2.34	26.26 0.09 1.12
BETHLEHEM___STEEL 23779	39.82 -2.38 0.00	34.64 -2.33 0.00	25.42 -1.66 0.00	25.51 -1.58 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.98 -1.50 0.00	23.13 -1.42 0.00	24.29 -1.50 0.00	28.47 -1.81 0.00	30.50 -2.02 0.00	33.47 -2.08 0.00	29.19 -1.96 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.83 -1.65 0.00	39.42 -2.90 0.00	44.09 -3.53 0.00	41.43 -2.70 0.00	43.26 -2.29 0.00	38.92 -1.90 0.00	35.63 -1.75 0.00	26.34 -0.94 0.00
BETHLHEM_115KV_TB1 79974	42.46 0.26 0.00	37.23 0.27 0.00	27.42 0.34 0.00	22.26 0.36 5.19	30.53 0.30 0.00	32.04 0.28 0.00	26.71 0.23 0.00	24.82 0.27 0.00	25.97 0.33 0.14	30.73 0.45 0.00	32.82 0.48 0.19	35.27 0.44 0.72	31.55 0.39 0.00	28.09 0.43 1.39	23.35 0.48 0.00	25.02 0.56 0.00	27.05 0.58 0.00	40.44 0.72 2.60	48.25 0.64 0.00	44.53 0.40 0.00	45.87 0.31 0.00	41.01 0.19 0.00	35.33 0.15 2.20	26.38 0.15 1.05
BETHPAGE_CC_5 323564	43.69 1.48 0.00	38.17 1.21 0.00	28.00 0.91 0.00	28.17 0.79 -0.29	31.00 0.77 0.00	32.40 0.64 0.00	27.00 0.52 0.00	25.27 0.72 0.00	26.69 0.89 -0.01	31.58 1.30 0.00	34.41 1.87 -0.01	37.78 2.19 -0.04	33.17 2.02 0.00	31.07 1.96 -0.08	24.56 1.68 0.00	26.09 1.63 0.00	27.90 1.42 0.00	44.17 1.85 0.00	49.26 1.65 0.00	45.55 1.43 0.00	46.91 1.36 0.00	42.10 1.27 0.00	42.13 1.37 -3.38	29.75 0.85 -1.61
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	39.86 -2.34 0.00	34.68 -2.28 0.00	25.45 -1.63 0.00	25.54 -1.55 0.00	28.63 -1.60 0.00	30.16 -1.60 0.00	25.01 -1.47 0.00	23.16 -1.39 0.00	24.33 -1.46 0.00	28.52 -1.76 0.00	30.54 -1.98 0.00	33.51 -2.04 0.00	29.24 -1.91 0.00	27.40 -1.65 0.00	21.54 -1.33 0.00	23.04 -1.42 0.00	24.88 -1.60 0.00	39.51 -2.81 0.00	44.18 -3.43 0.00	41.53 -2.60 0.00	43.35 -2.20 0.00	38.99 -1.84 0.00	35.68 -1.70 0.00	26.37 -0.91 0.00
BINGHAMTON___COGEN 23790	41.58 -0.62 0.00	36.46 -0.50 0.00	26.66 -0.42 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.33 0.00	24.23 -0.31 0.00	25.41 -0.38 0.00	29.73 -0.55 0.00	31.91 -0.62 0.00	34.97 -0.58 0.00	30.65 -0.51 0.00	28.56 -0.48 0.00	22.57 -0.31 0.00	24.09 -0.37 0.00	26.11 -0.37 0.00	41.68 -0.64 0.00	46.91 -0.71 0.00	43.59 -0.54 0.00	45.13 -0.42 0.00	40.43 -0.40 0.00	37.07 -0.31 0.00	27.01 -0.27 0.00

BIXINCNT_115KV_LOAD 355685	39.87 -2.33 0.00	34.75 -2.21 0.00	25.60 -1.49 0.00	25.59 -1.51 0.00	28.62 -1.61 0.00	30.27 -1.49 0.00	25.15 -1.33 0.00	23.30 -1.25 0.00	24.39 -1.40 0.00	28.49 -1.78 0.00	30.24 -2.28 0.00	33.14 -2.41 0.00	29.00 -2.15 0.00	27.19 -1.85 0.00	21.45 -1.43 0.00	23.04 -1.42 0.00	24.86 -1.62 0.00	39.57 -2.76 0.00	44.20 -3.41 0.00	41.68 -2.45 0.00	43.56 -2.00 0.00	38.98 -1.85 0.00	35.67 -1.71 0.00	26.40 -0.89 0.00
BLACK RIVER___HYD 24047	42.55 0.35 0.00	37.17 0.21 0.00	27.12 0.04 0.00	27.15 0.06 0.00	30.46 0.23 0.00	32.41 0.65 0.00	26.90 0.42 0.00	24.62 0.07 0.00	25.90 0.11 0.00	30.47 0.19 0.00	32.65 0.13 0.00	35.11 -0.43 0.00	30.48 -0.68 0.00	27.74 -1.30 0.00	21.59 -1.29 0.00	23.07 -1.39 0.00	25.17 -1.31 0.00	40.70 -1.62 0.00	47.50 -0.11 0.00	45.33 1.20 0.00	46.54 0.99 0.00	41.86 1.04 0.00	38.20 0.82 0.00	27.94 0.66 0.00
BLACKRVR_115KV_TB2 79977	42.55 0.35 0.00	37.17 0.21 0.00	27.12 0.04 0.00	27.15 0.06 0.00	30.46 0.23 0.00	32.41 0.65 0.00	26.90 0.42 0.00	24.62 0.07 0.00	25.90 0.11 0.00	30.47 0.19 0.00	32.65 0.13 0.00	35.11 -0.43 0.00	30.48 -0.67 0.00	27.74 -1.30 0.00	21.59 -1.29 0.00	23.07 -1.39 0.00	25.17 -1.31 0.00	40.70 -1.62 0.00	47.50 -0.11 0.00	45.33 1.20 0.00	46.54 0.99 0.00	41.86 1.04 0.00	38.20 0.83 0.00	27.94 0.66 0.00
BLDWN_LI_69_KV_BK4 356085	44.03 1.83 0.00	38.43 1.47 0.00	28.16 1.08 0.00	28.33 0.95 -0.29	31.17 0.93 0.00	32.59 0.84 0.00	27.17 0.68 0.00	25.42 0.87 0.00	26.83 1.04 -0.01	31.75 1.47 0.00	34.55 2.02 -0.01	37.92 2.33 -0.04	33.29 2.14 0.00	31.17 2.05 -0.08	24.64 1.76 0.00	26.22 1.75 0.00	28.12 1.65 0.00	44.56 2.25 0.00	49.74 2.12 0.00	46.00 1.87 0.00	47.36 1.81 0.00	42.50 1.68 0.00	42.40 1.64 -3.38	29.94 1.04 -1.61
BLISS_WT_PWR 323608	39.82 -2.38 0.00	34.71 -2.25 0.00	25.60 -1.48 0.00	25.56 -1.54 0.00	28.57 -1.66 0.00	30.25 -1.51 0.00	25.14 -1.34 0.00	23.27 -1.28 0.00	24.35 -1.44 0.00	28.43 -1.85 0.00	30.10 -2.43 0.00	32.97 -2.58 0.00	28.87 -2.28 0.00	27.10 -1.94 0.00	21.38 -1.49 0.00	22.99 -1.47 0.00	24.81 -1.67 0.00	39.49 -2.83 0.00	44.11 -3.50 0.00	41.63 -2.50 0.00	43.54 -2.01 0.00	38.90 -1.92 0.00	35.60 -1.78 0.00	26.38 -0.90 0.00
BLUESTONE___WT_PWR 323821	43.35 1.15 0.00	37.97 1.00 0.00	27.76 0.68 0.00	27.83 0.74 0.00	31.05 0.82 0.00	32.67 0.91 0.00	27.27 0.78 0.00	25.20 0.65 0.00	26.26 0.47 0.00	30.51 0.23 0.00	32.67 0.15 0.00	35.90 0.35 0.00	31.39 0.24 0.00	28.83 -0.21 0.00	22.80 -0.08 0.00	24.01 -0.46 0.00	26.28 -0.19 0.00	42.48 0.16 0.00	48.22 0.61 0.00	45.55 1.42 0.00	47.26 1.70 0.00	42.32 1.49 0.00	38.67 1.29 0.00	28.12 0.84 0.00
BLUE_CIRC_CHEM_DRP 24182	42.96 0.76 0.00	37.66 0.70 0.00	27.72 0.63 0.00	22.91 0.67 4.85	30.90 0.67 0.00	32.43 0.67 0.00	27.05 0.57 0.00	25.09 0.54 0.00	26.25 0.59 0.13	31.01 0.73 0.00	33.03 0.68 0.18	35.52 0.65 0.68	31.73 0.58 0.00	28.35 0.61 1.30	23.46 0.59 0.00	25.11 0.65 0.00	27.17 0.69 0.00	40.72 1.04 2.64	48.69 1.07 0.00	45.01 0.88 0.00	46.38 0.82 0.00	41.48 0.66 0.00	36.45 0.59 1.53	27.02 0.46 0.73
BOC_GAS_DRP 24189	42.69 0.48 0.00	37.42 0.45 0.00	27.51 0.43 0.00	24.26 0.44 3.27	30.65 0.42 0.00	32.16 0.41 0.00	26.83 0.35 0.00	24.91 0.36 0.00	26.11 0.41 0.09	30.82 0.54 0.00	33.01 0.61 0.12	35.73 0.64 0.46	31.73 0.57 0.00	28.75 0.59 0.87	23.41 0.53 0.00	25.06 0.60 0.00	27.09 0.61 0.00	41.46 0.85 1.71	48.38 0.76 0.00	44.67 0.54 0.00	46.05 0.50 0.00	41.21 0.38 0.00	36.29 0.35 1.44	26.86 0.27 0.69
BOONVILLE_115KV_TB1 79983	42.67 0.47 0.00	37.31 0.35 0.00	27.31 0.22 0.00	27.33 0.24 0.00	30.55 0.31 0.00	32.23 0.48 0.00	26.88 0.40 0.00	24.79 0.24 0.00	25.99 0.20 0.00	30.44 0.16 0.00	32.65 0.12 0.00	35.44 -0.11 0.00	31.19 0.04 0.00	28.78 -0.26 0.00	22.55 -0.33 0.00	24.13 -0.34 0.00	26.21 -0.27 0.00	42.09 -0.23 0.00	48.15 0.53 0.00	45.07 0.93 0.00	46.36 0.81 0.00	41.50 0.68 0.00	37.98 0.60 0.00	27.77 0.49 0.00
BORALEX_4TH_BRANCH 23824	43.99 1.79 0.00	38.61 1.65 0.00	28.40 1.32 0.00	33.35 1.41 -4.85	31.72 1.49 0.00	33.30 1.54 0.00	27.78 1.30 0.00	25.82 1.27 0.00	27.36 1.44 -0.13	32.05 1.77 0.00	34.59 1.89 -0.18	38.28 2.06 -0.68	32.92 1.76 0.00	32.10 1.76 -1.29	24.24 1.36 0.00	26.07 1.61 0.00	28.18 1.70 0.00	47.34 2.53 -2.48	50.18 2.57 0.00	46.10 1.97 0.00	47.46 1.91 0.00	42.38 1.56 0.00	31.63 1.47 7.22	24.94 1.10 3.45
BOWLINE___1 23526	43.45 1.25 0.00	38.01 1.04 0.00	27.88 0.79 0.00	27.84 0.75 0.00	31.00 0.77 0.00	32.50 0.74 0.00	27.17 0.68 0.00	25.31 0.76 0.00	26.63 0.85 0.00	31.43 1.15 0.00	33.91 1.39 0.00	37.20 1.65 0.00	32.63 1.47 0.00	30.46 1.42 0.00	24.09 1.21 0.00	25.77 1.30 0.00	27.80 1.33 0.00	44.23 1.91 0.00	49.43 1.82 0.00	45.53 1.40 0.00	46.92 1.37 0.00	42.00 1.18 0.00	41.42 1.08 -2.96	29.40 0.70 -1.41
BOWLINE___2 23595	43.42 1.23 0.00	38.00 1.04 0.00	27.87 0.79 0.00	27.84 0.74 0.00	30.99 0.76 0.00	32.49 0.73 0.00	27.16 0.68 0.00	25.31 0.76 0.00	26.62 0.84 0.00	31.43 1.15 0.00	33.90 1.38 0.00	37.18 1.63 0.00	32.62 1.47 0.00	30.45 1.41 0.00	24.08 1.21 0.00	25.75 1.29 0.00	27.80 1.32 0.00	44.21 1.89 0.00	49.41 1.80 0.00	45.52 1.39 0.00	46.91 1.36 0.00	41.98 1.15 0.00	41.41 1.07 -2.96	29.39 0.70 -1.41
BRADY___115KV_TB2 356060	43.96 1.76 0.00	38.35 1.40 0.00	27.90 0.81 0.00	27.84 0.75 0.00	31.18 0.95 0.00	32.81 1.05 0.00	27.36 0.88 0.00	25.34 0.79 0.00	26.50 0.71 0.00	30.98 0.71 0.00	33.16 0.64 0.00	36.28 0.73 0.00	31.70 0.54 0.00	29.45 0.41 0.00	23.12 0.24 0.00	24.66 0.20 0.00	26.71 0.23 0.00	42.98 0.66 0.00	48.88 1.27 0.00	45.71 1.58 0.00	47.32 1.77 0.00	42.52 1.70 0.00	38.87 1.49 0.00	28.30 1.01 0.00
BRANSCOMB___SOLAR 323811	43.80 1.60 0.00	38.39 1.42 0.00	28.21 1.13 0.00	32.08 1.21 -3.77	31.52 1.29 0.00	33.11 1.35 0.00	27.62 1.14 0.00	25.60 1.05 0.00	27.05 1.16 -0.10	31.60 1.33 0.00	33.93 1.27 -0.14	37.31 1.23 -0.53	32.17 1.02 0.00	31.11 1.07 -1.01	23.73 0.85 0.00	25.54 1.07 0.00	27.68 1.20 0.00	46.24 1.96 -1.96	49.88 2.27 0.00	46.13 2.00 0.00	47.53 1.97 0.00	42.45 1.63 0.00	35.35 1.45 3.48	26.68 1.05 1.66
BRDGHMPT_69_KV_BK1 55812	43.66 1.45 0.00	38.23 1.27 0.00	28.20 1.11 0.00	28.46 1.09 -0.29	31.29 1.05 0.00	32.62 0.86 0.00	27.03 0.54 0.00	25.26 0.71 0.00	26.76 0.97 -0.01	31.72 1.44 0.00	34.63 2.09 -0.01	38.03 2.44 -0.04	33.63 2.48 0.00	31.54 2.43 -0.08	25.12 2.24 0.00	26.75 2.29 0.00	28.74 2.26 0.00	45.37 3.05 0.00	50.41 2.80 0.00	46.74 2.61 0.00	48.06 2.51 0.00	42.97 2.15 0.00	42.68 1.93 -3.38	30.07 1.17 -1.61

BRENTWOD_69_KV_W. BRTWOOD 56703	43.97 1.77 0.00	38.36 1.40 0.00	28.11 1.03 0.00	28.23 0.85 -0.29	31.04 0.81 0.00	32.41 0.66 0.00	27.01 0.52 0.00	25.31 0.76 0.00	26.75 0.96 -0.01	31.70 1.42 0.00	34.69 2.15 -0.01	38.11 2.52 -0.04	33.50 2.34 0.00	31.36 2.24 -0.08	24.81 1.94 0.00	26.34 1.87 0.00	28.24 1.76 0.00	44.60 2.28 0.00	49.72 2.11 0.00	46.05 1.92 0.00	47.38 1.82 0.00	42.52 1.69 0.00	42.41 1.65 -3.38	29.93 1.03 -1.61
BRISTLHL_115KV_TB1 79998	40.90 -1.30 0.00	35.95 -1.02 0.00	26.36 -0.72 0.00	26.40 -0.70 0.00	29.43 -0.80 0.00	30.94 -0.81 0.00	25.76 -0.72 0.00	23.83 -0.72 0.00	25.00 -0.79 0.00	29.28 -0.99 0.00	31.52 -1.01 0.00	34.47 -1.08 0.00	30.18 -0.98 0.00	28.13 -0.92 0.00	22.14 -0.74 0.00	23.66 -0.80 0.00	25.63 -0.85 0.00	40.96 -1.36 0.00	46.23 -1.38 0.00	42.99 -1.14 0.00	44.38 -1.17 0.00	39.75 -1.07 0.00	36.40 -0.97 0.00	26.60 -0.68 0.00
BROOKHAVEN___DRP 24191	43.35 1.15 0.00	37.83 0.87 0.00	27.75 0.66 0.00	27.89 0.51 -0.29	30.67 0.43 0.00	32.00 0.24 0.00	26.64 0.16 0.00	24.98 0.44 0.00	26.43 0.63 -0.01	31.34 1.06 0.00	34.26 1.72 -0.01	37.62 2.03 -0.04	33.10 1.95 0.00	31.01 1.89 -0.08	24.64 1.76 0.00	26.17 1.71 0.00	28.06 1.58 0.00	44.27 1.95 0.00	49.23 1.62 0.00	45.65 1.51 0.00	46.94 1.39 0.00	42.06 1.24 0.00	41.94 1.18 -3.38	29.57 0.67 -1.61
BROOKLYN_NAVY_YARD 23515	43.73 1.54 0.01	38.22 1.27 0.01	28.03 0.95 0.01	28.22 0.84 -0.28	31.06 0.83 0.01	32.54 0.78 0.01	27.21 0.74 0.00	25.42 0.87 0.00	26.73 0.95 0.00	31.56 1.29 0.00	34.09 1.56 0.00	37.41 1.83 -0.03	32.85 1.70 0.00	30.76 1.65 -0.08	24.33 1.46 0.00	25.98 1.51 0.00	28.01 1.53 0.00	44.44 2.12 0.00	49.60 1.99 0.01	45.68 1.56 0.01	47.02 1.49 0.02	42.13 1.31 0.02	41.99 1.24 -3.38	29.71 0.81 -1.61
BROOKLYN___ARMY_DRP 323595	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
BROOME_2_LFGE 323671	41.57 -0.63 0.00	36.46 -0.50 0.00	26.66 -0.42 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.33 0.00	24.24 -0.31 0.00	25.41 -0.38 0.00	29.73 -0.55 0.00	31.91 -0.62 0.00	34.98 -0.57 0.00	30.64 -0.51 0.00	28.56 -0.48 0.00	22.57 -0.31 0.00	24.09 -0.37 0.00	26.11 -0.37 0.00	41.68 -0.64 0.00	46.90 -0.71 0.00	43.59 -0.54 0.00	45.13 -0.42 0.00	40.43 -0.40 0.00	37.06 -0.31 0.00	27.01 -0.27 0.00
BROOME___LFGE 323600	41.57 -0.63 0.00	36.46 -0.50 0.00	26.66 -0.42 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.33 0.00	24.24 -0.31 0.00	25.41 -0.38 0.00	29.73 -0.55 0.00	31.91 -0.62 0.00	34.98 -0.57 0.00	30.64 -0.51 0.00	28.56 -0.48 0.00	22.57 -0.31 0.00	24.09 -0.37 0.00	26.11 -0.37 0.00	41.68 -0.64 0.00	46.90 -0.71 0.00	43.59 -0.54 0.00	45.13 -0.42 0.00	40.43 -0.40 0.00	37.06 -0.31 0.00	27.01 -0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	43.09 0.89 0.00	37.59 0.63 0.00	27.40 0.32 0.00	27.38 0.28 0.00	30.68 0.45 0.00	32.43 0.68 0.00	27.02 0.53 0.00	24.89 0.34 0.00	26.12 0.34 0.00	30.66 0.38 0.00	32.83 0.31 0.00	35.54 -0.01 0.00	31.12 -0.04 0.00	28.63 -0.41 0.00	22.36 -0.52 0.00	23.87 -0.59 0.00	25.94 -0.54 0.00	41.86 -0.46 0.00	48.11 0.49 0.00	45.27 1.14 0.00	46.65 1.10 0.00	41.90 1.08 0.00	38.30 0.92 0.00	27.97 0.69 0.00
BROWNSV1_27_KV_LOAD 356125	44.30 2.10 0.00	38.70 1.74 0.00	28.36 1.28 0.00	28.54 1.17 -0.29	31.42 1.19 0.00	32.92 1.16 0.00	27.52 1.04 0.00	25.70 1.15 0.00	27.04 1.25 -0.01	31.92 1.65 0.00	34.49 1.95 -0.01	37.87 2.28 -0.04	33.23 2.07 0.00	31.11 2.00 -0.08	24.60 1.72 0.00	26.27 1.81 0.00	28.34 1.86 0.00	44.98 2.66 0.00	50.21 2.60 0.00	46.26 2.13 0.00	47.64 2.09 0.00	42.67 1.85 0.00	42.46 1.70 -3.38	30.03 1.14 -1.61
BURROWS___LYONSDAL 23803	42.59 0.39 0.00	37.22 0.26 0.00	27.22 0.14 0.00	27.25 0.15 0.00	30.47 0.24 0.00	32.22 0.46 0.00	26.85 0.37 0.00	24.71 0.16 0.00	25.92 0.14 0.00	30.39 0.11 0.00	32.59 0.07 0.00	35.26 -0.29 0.00	31.05 -0.11 0.00	28.55 -0.49 0.00	22.33 -0.55 0.00	23.89 -0.58 0.00	25.98 -0.50 0.00	41.75 -0.57 0.00	47.96 0.35 0.00	45.02 0.89 0.00	46.27 0.72 0.00	41.43 0.61 0.00	37.92 0.54 0.00	27.76 0.48 0.00
CAITHNESS_CC_1 323624	43.38 1.18 0.00	37.86 0.90 0.00	27.76 0.68 0.00	27.90 0.52 -0.29	30.67 0.44 0.00	32.01 0.26 0.00	26.66 0.18 0.00	24.99 0.44 0.00	26.44 0.64 -0.01	31.34 1.06 0.00	34.27 1.73 -0.01	37.63 2.04 -0.04	33.10 1.95 0.00	31.01 1.90 -0.08	24.61 1.73 0.00	26.15 1.68 0.00	28.02 1.54 0.00	44.23 1.91 0.00	49.20 1.59 0.00	45.61 1.48 0.00	46.91 1.36 0.00	42.06 1.23 0.00	41.95 1.19 -3.38	29.58 0.68 -1.61
CALPINE BETH_PAGE_GT4 24209	43.78 1.58 0.00	38.24 1.28 0.00	28.06 0.98 0.00	28.24 0.86 -0.29	31.07 0.84 0.00	32.48 0.72 0.00	27.08 0.60 0.00	25.34 0.79 0.00	26.76 0.97 -0.01	31.66 1.38 0.00	34.48 1.94 -0.01	37.85 2.26 -0.04	33.23 2.08 0.00	31.12 2.00 -0.08	24.59 1.72 0.00	26.11 1.65 0.00	27.88 1.40 0.00	44.13 1.81 0.00	49.23 1.61 0.00	45.53 1.40 0.00	46.86 1.31 0.00	42.07 1.25 0.00	42.13 1.38 -3.38	29.75 0.85 -1.61
CALPINE_BETH_PAGE_GT_4 323586	43.78 1.58 0.00	38.24 1.28 0.00	28.07 0.98 0.00	28.24 0.86 -0.29	31.07 0.84 0.00	32.48 0.72 0.00	27.08 0.60 0.00	25.34 0.79 0.00	26.77 0.97 -0.01	31.66 1.38 0.00	34.48 1.94 -0.01	37.85 2.26 -0.04	33.23 2.08 0.00	31.12 2.00 -0.08	24.59 1.71 0.00	26.11 1.65 0.00	27.88 1.40 0.00	44.14 1.82 0.00	49.23 1.61 0.00	45.53 1.40 0.00	46.86 1.31 0.00	42.07 1.25 0.00	42.14 1.38 -3.38	29.75 0.85 -1.61
CALPINE_BP_GT1 23823	43.78 1.58 0.00	38.24 1.28 0.00	28.07 0.98 0.00	28.24 0.86 -0.29	31.07 0.84 0.00	32.48 0.72 0.00	27.08 0.60 0.00	25.34 0.79 0.00	26.77 0.97 -0.01	31.66 1.38 0.00	34.48 1.94 -0.01	37.85 2.26 -0.04	33.23 2.08 0.00	31.12 2.00 -0.08	24.59 1.71 0.00	26.11 1.65 0.00	27.88 1.40 0.00	44.14 1.82 0.00	49.23 1.61 0.00	45.53 1.40 0.00	46.86 1.31 0.00	42.07 1.25 0.00	42.14 1.38 -3.38	29.75 0.85 -1.61
CALSPAN___DRP 24200	39.82 -2.38 0.00	34.64 -2.33 0.00	25.42 -1.66 0.00	25.51 -1.58 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.98 -1.50 0.00	23.13 -1.42 0.00	24.29 -1.50 0.00	28.47 -1.81 0.00	30.50 -2.02 0.00	33.47 -2.08 0.00	29.19 -1.96 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.83 -1.65 0.00	39.42 -2.90 0.00	44.09 -3.53 0.00	41.43 -2.70 0.00	43.26 -2.29 0.00	38.92 -1.90 0.00	35.63 -1.75 0.00	26.34 -0.94 0.00

CALVERTON___SOLAR 323806	43.36 1.17 0.00	37.85 0.89 0.00	27.78 0.69 0.00	27.93 0.54 -0.29	30.70 0.47 0.00	32.04 0.28 0.00	26.66 0.18 0.00	24.99 0.44 0.00	26.45 0.66 -0.01	31.36 1.09 0.00	34.28 1.75 -0.01	37.65 2.06 -0.04	33.14 1.99 0.00	31.05 1.94 -0.08	24.68 1.81 0.00	26.24 1.77 0.00	28.12 1.65 0.00	44.40 2.08 0.00	49.34 1.72 0.00	45.75 1.61 0.00	47.04 1.49 0.00	42.14 1.31 0.00	41.99 1.23 -3.38	29.60 0.70 -1.61
CANDIGU_WT_PWR 323617	40.47 -1.73 0.00	35.38 -1.59 0.00	25.81 -1.28 0.00	26.01 -1.09 0.00	28.99 -1.24 0.00	30.51 -1.25 0.00	25.35 -1.14 0.00	23.54 -1.01 0.00	24.68 -1.11 0.00	28.63 -1.64 0.00	30.33 -2.20 0.00	33.29 -2.27 0.00	29.07 -2.08 0.00	27.22 -1.82 0.00	21.53 -1.34 0.00	23.03 -1.44 0.00	25.00 -1.48 0.00	39.76 -2.56 0.00	44.93 -2.68 0.00	42.21 -1.92 0.00	43.90 -1.65 0.00	39.38 -1.44 0.00	36.12 -1.26 0.00	26.43 -0.85 0.00
CARR STREET_E_SYR 24060	41.17 -1.03 0.00	36.16 -0.81 0.00	26.51 -0.58 0.00	26.54 -0.55 0.00	29.59 -0.64 0.00	31.11 -0.65 0.00	25.90 -0.58 0.00	23.98 -0.57 0.00	25.14 -0.65 0.00	29.45 -0.83 0.00	31.67 -0.85 0.00	34.69 -0.86 0.00	30.42 -0.74 0.00	28.33 -0.71 0.00	22.33 -0.55 0.00	23.85 -0.61 0.00	25.80 -0.68 0.00	41.21 -1.11 0.00	46.46 -1.16 0.00	43.14 -0.99 0.00	44.54 -1.01 0.00	39.91 -0.91 0.00	36.63 -0.75 0.00	26.76 -0.52 0.00
CARTHAGE___PAPER 23857	42.89 0.68 0.00	37.42 0.46 0.00	27.30 0.22 0.00	27.32 0.22 0.00	30.63 0.40 0.00	32.55 0.79 0.00	27.05 0.57 0.00	24.79 0.24 0.00	26.06 0.27 0.00	30.63 0.35 0.00	32.82 0.30 0.00	35.27 -0.28 0.00	30.74 -0.41 0.00	28.02 -1.02 0.00	21.85 -1.02 0.00	23.30 -1.16 0.00	25.42 -1.06 0.00	41.10 -1.22 0.00	47.89 0.27 0.00	45.54 1.42 0.00	46.76 1.21 0.00	42.01 1.19 0.00	38.38 1.00 0.00	28.07 0.79 0.00
CASSADAGA_WT_PWR 323784	40.54 -1.66 0.00	35.36 -1.60 0.00	25.73 -1.36 0.00	25.76 -1.33 0.00	28.99 -1.24 0.00	30.56 -1.20 0.00	25.35 -1.13 0.00	23.49 -1.06 0.00	24.48 -1.30 0.00	28.69 -1.59 0.00	30.87 -1.66 0.00	33.90 -1.65 0.00	29.51 -1.65 0.00	27.64 -1.40 0.00	21.83 -1.05 0.00	23.34 -1.12 0.00	25.26 -1.22 0.00	40.09 -2.23 0.00	44.90 -2.72 0.00	42.00 -2.13 0.00	43.71 -1.85 0.00	39.11 -1.72 0.00	35.96 -1.42 0.00	26.38 -0.91 0.00
CE_DUNWOOD___DRP 24194	43.69 1.49 0.00	38.20 1.23 0.00	28.03 0.94 0.00	28.24 0.87 -0.28	31.11 0.88 0.00	32.60 0.84 0.00	27.25 0.77 0.00	25.41 0.87 0.00	26.76 0.96 -0.01	31.57 1.29 0.00	34.08 1.55 -0.01	37.41 1.82 -0.04	32.81 1.66 0.00	30.71 1.37 -0.07	24.24 1.37 0.00	25.91 1.45 0.00	27.96 1.48 0.00	44.43 2.10 0.00	49.62 2.01 0.00	45.73 1.60 0.00	47.09 1.54 0.00	42.15 1.32 0.00	41.95 1.23 -3.34	29.68 0.81 -1.59
CE_MILLWOOD___DRP 24193	43.61 1.41 0.00	38.13 1.17 0.00	27.98 0.89 0.00	28.20 0.83 -0.27	31.07 0.84 0.00	32.57 0.81 0.00	27.22 0.73 0.00	25.38 0.82 0.00	26.71 0.92 -0.01	31.52 1.24 0.00	34.03 1.49 -0.01	37.34 1.75 -0.04	32.75 1.59 0.00	30.65 1.53 -0.07	24.19 1.31 0.00	25.86 1.39 0.00	27.90 1.42 0.00	44.35 2.03 0.00	49.56 1.95 0.00	45.66 1.52 0.00	47.04 1.49 0.00	42.10 1.27 0.00	41.82 1.17 -3.28	29.62 0.76 -1.57
CE_NYC2_DRP 24202	43.90 1.70 0.00	38.39 1.43 0.00	28.17 1.09 0.00	28.32 0.94 -0.29	31.16 0.93 0.00	32.66 0.90 0.00	27.35 0.87 0.00	25.54 0.99 0.00	26.84 1.04 -0.01	31.68 1.40 0.00	34.22 1.69 -0.01	37.56 1.97 -0.04	32.98 1.83 0.00	30.86 1.74 -0.08	24.40 1.52 0.00	26.07 1.60 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.75 2.14 0.00	45.79 1.66 0.00	47.13 1.58 0.00	42.29 1.47 0.00	42.13 1.37 -3.38	29.80 0.91 -1.61
CE_NYC_DRP 24195	43.95 1.75 0.00	38.41 1.45 0.00	28.17 1.08 0.00	28.35 0.97 -0.29	31.21 0.98 0.00	32.69 0.93 0.00	27.34 0.86 0.00	25.53 0.98 0.00	26.86 1.07 -0.01	31.70 1.42 0.00	34.24 1.71 -0.01	37.59 2.00 -0.04	32.99 1.84 0.00	30.88 1.76 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.82 2.21 0.00	45.89 1.76 0.00	47.26 1.71 0.00	42.32 1.50 0.00	42.15 1.40 -3.38	29.82 0.92 -1.61
CHAFFEE___LFGE 323603	39.82 -2.38 0.00	34.63 -2.33 0.00	25.40 -1.68 0.00	25.52 -1.58 0.00	28.59 -1.64 0.00	30.11 -1.65 0.00	24.98 -1.51 0.00	23.12 -1.43 0.00	24.29 -1.50 0.00	28.49 -1.79 0.00	30.53 -2.00 0.00	33.49 -2.06 0.00	29.21 -1.94 0.00	27.39 -1.65 0.00	21.53 -1.34 0.00	23.01 -1.45 0.00	24.86 -1.62 0.00	39.51 -2.82 0.00	44.20 -3.42 0.00	41.53 -2.60 0.00	43.38 -2.17 0.00	39.01 -1.81 0.00	35.69 -1.69 0.00	26.37 -0.92 0.00
CHATEAUG_35_KV_LOAD 355732	43.07 0.87 0.00	37.83 0.87 0.00	27.70 0.61 0.00	27.54 0.44 0.00	30.75 0.52 0.00	32.39 0.63 0.00	26.94 0.46 0.00	25.07 0.52 0.00	26.50 0.71 0.00	31.23 0.96 0.00	33.27 0.74 0.00	36.03 0.48 0.00	31.26 0.10 0.00	28.96 -0.08 0.00	22.65 -0.23 0.00	24.03 -0.44 0.00	25.96 -0.51 0.00	42.61 0.29 0.00	48.55 0.93 0.00	45.03 0.90 0.00	46.60 1.05 0.00	41.87 1.04 0.00	38.10 0.72 0.00	27.59 0.31 0.00
CHATEAUG_WT_PWR 323614	42.93 0.73 0.00	37.75 0.78 0.00	27.67 0.59 0.00	27.50 0.40 0.00	30.72 0.48 0.00	32.33 0.58 0.00	26.90 0.42 0.00	25.02 0.47 0.00	26.47 0.68 0.00	31.21 0.93 0.00	33.26 0.74 0.00	36.03 0.48 0.00	31.25 0.10 0.00	28.93 -0.11 0.00	22.62 -0.25 0.00	23.99 -0.47 0.00	25.92 -0.56 0.00	42.55 0.22 0.00	48.46 0.85 0.00	44.90 0.77 0.00	46.46 0.91 0.00	41.71 0.89 0.00	37.99 0.61 0.00	27.51 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	43.07 0.87 0.00	37.83 0.87 0.00	27.70 0.61 0.00	27.54 0.44 0.00	30.75 0.52 0.00	32.39 0.63 0.00	26.94 0.46 0.00	25.07 0.52 0.00	26.50 0.71 0.00	31.23 0.96 0.00	33.27 0.74 0.00	36.03 0.48 0.00	31.26 0.10 0.00	28.96 -0.08 0.00	22.65 -0.23 0.00	24.03 -0.44 0.00	25.96 -0.51 0.00	42.61 0.29 0.00	48.55 0.93 0.00	45.03 0.90 0.00	46.60 1.05 0.00	41.87 1.04 0.00	38.10 0.72 0.00	27.59 0.31 0.00
CHAUTAUQUA___LFGE 323629	40.21 -1.99 0.00	35.08 -1.88 0.00	25.56 -1.53 0.00	25.69 -1.40 0.00	28.85 -1.39 0.00	30.38 -1.38 0.00	25.22 -1.26 0.00	23.36 -1.19 0.00	24.41 -1.37 0.00	28.60 -1.68 0.00	30.69 -1.83 0.00	33.70 -1.85 0.00	29.36 -1.79 0.00	27.50 -1.54 0.00	21.70 -1.17 0.00	23.18 -1.29 0.00	25.08 -1.40 0.00	39.78 -2.54 0.00	44.57 -3.04 0.00	41.77 -2.36 0.00	43.59 -1.96 0.00	39.10 -1.72 0.00	35.90 -1.48 0.00	26.37 -0.92 0.00
CHERRYST_13_KV_LD 356241	44.08 1.88 0.00	38.52 1.55 0.00	28.24 1.16 0.00	28.43 1.05 -0.29	31.30 1.06 0.00	32.78 1.02 0.00	27.41 0.93 0.00	25.59 1.04 0.00	26.93 1.14 -0.01	31.78 1.51 0.00	34.34 1.80 -0.01	37.70 2.11 -0.04	33.08 1.93 0.00	30.97 1.85 -0.08	24.48 1.60 0.00	26.14 1.68 0.00	28.20 1.72 0.00	44.74 2.42 0.00	49.97 2.35 0.00	46.03 1.89 0.00	47.39 1.84 0.00	42.44 1.62 0.00	42.26 1.51 -3.38	29.90 1.00 -1.61

CHESTROR_138KV_BK263 355645	43.20 0.99 0.00	37.81 0.84 0.00	27.73 0.65 0.00	27.71 0.61 0.00	30.86 0.63 0.00	32.36 0.60 0.00	27.05 0.57 0.00	25.18 0.63 0.00	26.48 0.69 0.00	31.22 0.94 0.00	33.63 1.11 0.00	36.85 1.31 0.00	32.31 1.16 0.00	30.15 1.11 0.00	23.83 0.95 0.00	25.50 1.04 0.00	27.54 1.06 0.00	43.87 1.55 0.00	49.11 1.50 0.00	45.30 1.17 0.00	46.70 1.15 0.00	41.80 0.97 0.00	40.76 0.87 -2.50	29.05 0.57 -1.20
CH_MIDHUDSON___DRP 24192	43.58 1.38 0.00	38.11 1.14 0.00	27.97 0.89 0.00	27.95 0.86 0.00	31.10 0.87 0.00	32.59 0.84 0.00	27.24 0.76 0.00	25.37 0.82 0.00	26.73 0.94 0.00	31.53 1.25 0.00	33.99 1.46 0.00	37.25 1.70 0.00	32.68 1.52 0.00	30.52 1.48 0.00	24.11 1.23 0.00	25.80 1.33 0.00	27.87 1.39 0.00	44.36 2.04 0.00	49.62 2.01 0.00	45.74 1.61 0.00	47.09 1.54 0.00	42.10 1.28 0.00	40.74 1.14 -2.22	29.08 0.74 -1.06
CH_MISC_IPPS 23765	43.77 1.57 0.00	38.26 1.30 0.00	28.08 1.00 0.00	28.06 0.96 0.00	31.22 0.99 0.00	32.73 0.97 0.00	27.36 0.88 0.00	25.48 0.94 0.00	26.85 1.06 0.00	31.68 1.40 0.00	34.14 1.61 0.00	37.42 1.87 0.00	32.81 1.65 0.00	30.63 1.59 0.00	24.20 1.32 0.00	25.90 1.43 0.00	27.99 1.52 0.00	44.61 2.28 0.00	49.89 2.28 0.00	46.00 1.87 0.00	47.37 1.82 0.00	42.35 1.53 0.00	41.21 1.35 -2.49	29.35 0.88 -1.19
CH_RES_BVR_FALLS 23983	42.11 -0.09 0.00	36.75 -0.21 0.00	26.95 -0.13 0.00	26.99 -0.10 0.00	30.13 -0.10 0.00	31.67 -0.09 0.00	26.43 -0.05 0.00	24.47 -0.07 0.00	25.74 -0.05 0.00	30.17 -0.11 0.00	32.32 -0.20 0.00	35.26 -0.29 0.00	30.98 -0.18 0.00	28.77 -0.27 0.00	22.61 -0.27 0.00	24.19 -0.27 0.00	26.26 -0.21 0.00	42.05 -0.27 0.00	47.46 -0.16 0.00	44.02 -0.11 0.00	45.34 -0.21 0.00	40.57 -0.26 0.00	37.22 -0.16 0.00	27.20 -0.08 0.00
CH_RES_NIAGARA 23895	38.88 -3.32 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.11 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.41 0.00	29.90 -2.62 0.00	32.81 -2.75 0.00	28.62 -2.53 0.00	26.83 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.48 -3.84 0.00	42.92 -4.70 0.00	40.35 -3.78 0.00	42.12 -3.43 0.00	38.02 -2.80 0.00	34.77 -2.61 0.00	25.94 -1.34 0.00
CH_RES_SYRACUSE 23985	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.69 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.85 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
CLINTON_WT_PWR 323605	42.93 0.73 0.00	37.75 0.78 0.00	27.67 0.59 0.00	27.50 0.40 0.00	30.72 0.48 0.00	32.33 0.58 0.00	26.90 0.42 0.00	25.02 0.47 0.00	26.47 0.68 0.00	31.21 0.93 0.00	33.26 0.74 0.00	36.03 0.48 0.00	31.25 0.10 0.00	28.93 -0.11 0.00	22.62 -0.25 0.00	23.99 -0.47 0.00	25.92 -0.56 0.00	42.55 0.22 0.00	48.46 0.85 0.00	44.90 0.77 0.00	46.46 0.91 0.00	41.71 0.89 0.00	37.99 0.61 0.00	27.51 0.23 0.00
CLINTON___LFGE 323618	43.36 1.16 0.00	38.21 1.25 0.00	28.08 1.00 0.00	27.83 0.74 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.22 0.74 0.00	25.35 0.80 0.00	26.86 1.07 0.00	31.71 1.44 0.00	33.68 1.15 0.00	36.42 0.87 0.00	31.54 0.39 0.00	29.14 0.10 0.00	22.72 -0.16 0.00	24.12 -0.35 0.00	25.99 -0.49 0.00	42.87 0.54 0.00	49.08 1.46 0.00	45.54 1.41 0.00	47.15 1.60 0.00	42.31 1.49 0.00	38.48 1.11 0.00	27.80 0.52 0.00
COBBLENY_34_KV_TB1 80064	39.82 -2.38 0.00	34.64 -2.33 0.00	25.40 -1.68 0.00	25.51 -1.58 0.00	28.59 -1.65 0.00	30.11 -1.65 0.00	24.97 -1.51 0.00	23.12 -1.43 0.00	24.29 -1.50 0.00	28.49 -1.79 0.00	30.53 -1.99 0.00	33.49 -2.06 0.00	29.22 -1.94 0.00	27.39 -1.65 0.00	21.53 -1.34 0.00	23.01 -1.45 0.00	24.86 -1.62 0.00	39.51 -2.82 0.00	44.20 -3.42 0.00	41.53 -2.60 0.00	43.38 -2.17 0.00	39.01 -1.81 0.00	35.70 -1.68 0.00	26.37 -0.92 0.00
COFFEEN___115KV_TB3 355620	42.80 0.60 0.00	37.38 0.42 0.00	27.28 0.20 0.00	27.31 0.22 0.00	30.63 0.40 0.00	32.58 0.83 0.00	27.05 0.57 0.00	24.77 0.22 0.00	26.01 0.22 0.00	30.62 0.34 0.00	32.80 0.28 0.00	35.27 -0.28 0.00	30.53 -0.63 0.00	27.79 -1.25 0.00	21.61 -1.26 0.00	23.10 -1.37 0.00	25.20 -1.28 0.00	40.76 -1.57 0.00	47.69 0.07 0.00	45.65 1.52 0.00	46.90 1.35 0.00	42.15 1.33 0.00	38.46 1.08 0.00	28.10 0.82 0.00
COLDSPRG_115KV_BK1 355956	40.69 -1.51 0.00	35.48 -1.48 0.00	25.88 -1.21 0.00	26.00 -1.10 0.00	29.19 -1.04 0.00	30.76 -0.99 0.00	25.54 -0.94 0.00	23.71 -0.84 0.00	24.81 -0.97 0.00	29.09 -1.19 0.00	31.20 -1.32 0.00	34.27 -1.28 0.00	29.82 -1.34 0.00	27.91 -1.13 0.00	22.02 -0.85 0.00	23.56 -0.90 0.00	25.47 -1.01 0.00	40.49 -1.83 0.00	45.34 -2.28 0.00	42.48 -1.65 0.00	44.31 -1.24 0.00	39.66 -1.16 0.00	36.38 -1.00 0.00	26.70 -0.59 0.00
COLONIE_LFGE___ 323577	43.42 1.22 0.00	38.08 1.12 0.00	28.00 0.92 0.00	33.36 0.97 -5.29	31.25 1.02 0.00	32.81 1.05 0.00	27.37 0.89 0.00	25.41 0.86 0.00	26.89 0.96 -0.15	31.44 1.17 0.00	33.95 1.23 -0.19	37.57 1.28 -0.74	32.26 1.10 0.00	31.57 1.11 -1.41	23.78 0.91 0.00	25.54 1.08 0.00	27.63 1.16 0.00	46.78 1.75 -2.72	49.43 1.82 0.00	45.58 1.45 0.00	46.95 1.40 0.00	41.95 1.13 0.00	34.29 1.02 4.10	26.08 0.76 1.96
COOPERNY_115KV_TB1 80082	42.80 0.60 0.00	37.48 0.52 0.00	27.49 0.40 0.00	27.48 0.38 0.00	30.61 0.38 0.00	32.13 0.37 0.00	26.84 0.36 0.00	24.94 0.39 0.00	26.22 0.43 0.00	30.86 0.58 0.00	33.22 0.69 0.00	36.37 0.82 0.00	31.89 0.74 0.00	29.74 0.70 0.00	23.49 0.62 0.00	25.12 0.66 0.00	27.16 0.68 0.00	43.29 0.97 0.00	48.53 0.92 0.00	44.83 0.70 0.00	46.23 0.68 0.00	41.42 0.60 0.00	39.57 0.54 -1.65	28.42 0.35 -0.79
COPENHAGEN_WT_PWR 323753	42.05 -0.15 0.00	36.74 -0.23 0.00	26.80 -0.28 0.00	26.84 -0.26 0.00	30.14 -0.09 0.00	32.13 0.37 0.00	26.66 0.18 0.00	24.35 -0.20 0.00	25.67 -0.12 0.00	30.22 -0.06 0.00	32.41 -0.11 0.00	34.76 -0.79 0.00	30.26 -0.90 0.00	27.47 -1.57 0.00	21.36 -1.51 0.00	22.84 -1.62 0.00	24.95 -1.53 0.00	40.28 -2.04 0.00	46.97 -0.65 0.00	44.80 0.67 0.00	45.91 0.36 0.00	41.38 0.56 0.00	37.79 0.41 0.00	27.67 0.38 0.00
CORNELL_____ 23752	42.12 -0.08 0.00	36.93 -0.04 0.00	27.04 -0.05 0.00	27.09 -0.01 0.00	30.20 -0.03 0.00	31.76 0.00 0.00	26.47 -0.01 0.00	24.51 -0.03 0.00	25.62 -0.17 0.00	29.80 -0.47 0.00	31.93 -0.59 0.00	35.06 -0.49 0.00	30.81 -0.34 0.00	28.62 -0.42 0.00	22.55 -0.32 0.00	24.01 -0.46 0.00	26.09 -0.39 0.00	41.87 -0.45 0.00	47.52 -0.10 0.00	44.39 0.26 0.00	45.93 0.38 0.00	41.10 0.27 0.00	37.59 0.22 0.00	27.39 0.11 0.00

CORONA_69_KV_TB1 355595	44.11 1.91 0.00	38.52 1.56 0.00	28.21 1.13 0.00	28.39 1.01 -0.29	31.24 1.01 0.00	32.67 0.91 0.00	27.24 0.76 0.00	25.48 0.94 0.00	26.89 1.09 -0.01	31.77 1.49 0.00	34.54 2.00 -0.01	37.92 2.32 -0.04	33.26 2.10 0.00	31.14 2.03 -0.08	24.61 1.74 0.00	26.22 1.76 0.00	28.18 1.70 0.00	44.66 2.33 0.00	49.86 2.24 0.00	46.08 1.95 0.00	47.45 1.90 0.00	42.58 1.76 0.00	42.43 1.67 -3.38	29.97 1.08 -1.61
CORTLAND_115KV_TB3 80093	41.89 -0.31 0.00	36.73 -0.23 0.00	26.90 -0.19 0.00	26.96 -0.14 0.00	30.06 -0.17 0.00	31.60 -0.16 0.00	26.34 -0.14 0.00	24.39 -0.16 0.00	25.54 -0.25 0.00	29.80 -0.47 0.00	31.98 -0.55 0.00	35.07 -0.48 0.00	30.80 -0.36 0.00	28.67 -0.37 0.00	22.57 -0.30 0.00	24.10 -0.36 0.00	26.14 -0.34 0.00	41.82 -0.50 0.00	47.28 -0.33 0.00	44.05 -0.08 0.00	45.54 -0.01 0.00	40.75 -0.08 0.00	37.32 -0.06 0.00	27.21 -0.08 0.00
COXSACKIE___GT 23611	44.01 1.81 0.00	38.55 1.59 0.00	28.35 1.27 0.00	23.23 1.34 5.21	31.61 1.38 0.00	33.21 1.46 0.00	27.71 1.23 0.00	25.80 1.25 0.00	27.04 1.39 0.14	31.86 1.58 0.00	33.85 1.52 0.19	35.96 1.14 0.73	32.15 0.99 0.00	28.71 1.06 1.39	23.88 1.01 0.00	25.58 1.12 0.00	27.84 1.36 0.00	41.55 2.12 2.88	50.10 2.49 0.00	46.63 2.50 0.00	48.10 2.55 0.00	42.84 2.02 0.00	37.98 1.69 1.09	27.96 1.19 0.52
CPV_VALLEY___CC1 323721	42.89 0.69 0.00	37.54 0.58 0.00	27.55 0.47 0.00	27.52 0.43 0.00	30.66 0.42 0.00	32.15 0.40 0.00	26.88 0.40 0.00	25.01 0.46 0.00	26.30 0.51 0.00	30.99 0.71 0.00	33.37 0.85 0.00	36.57 1.02 0.00	32.08 0.92 0.00	29.93 0.89 0.00	23.66 0.79 0.00	25.31 0.84 0.00	27.32 0.85 0.00	43.52 1.20 0.00	48.72 1.11 0.00	44.94 0.81 0.00	46.33 0.78 0.00	41.47 0.65 0.00	40.08 0.59 -2.11	28.67 0.38 -1.01
CPV_VALLEY___CC2 323722	42.89 0.69 0.00	37.54 0.58 0.00	27.55 0.47 0.00	27.52 0.43 0.00	30.66 0.42 0.00	32.15 0.40 0.00	26.88 0.40 0.00	25.01 0.46 0.00	26.30 0.51 0.00	30.99 0.71 0.00	33.37 0.85 0.00	36.57 1.02 0.00	32.08 0.92 0.00	29.93 0.89 0.00	23.66 0.79 0.00	25.31 0.84 0.00	27.32 0.85 0.00	43.52 1.20 0.00	48.72 1.11 0.00	44.94 0.81 0.00	46.33 0.78 0.00	41.47 0.65 0.00	40.08 0.59 -2.11	28.67 0.38 -1.01
CRESCENT___HYD 24018	43.42 1.22 0.00	38.08 1.12 0.00	28.00 0.92 0.00	33.36 0.97 -5.29	31.25 1.02 0.00	32.81 1.05 0.00	27.37 0.89 0.00	25.41 0.86 0.00	26.89 0.96 -0.15	31.44 1.17 0.00	33.95 1.23 -0.19	37.57 1.28 -0.74	32.26 1.10 0.00	31.57 1.11 -1.41	23.78 0.91 0.00	25.54 1.08 0.00	27.63 1.16 0.00	46.78 1.75 -2.72	49.43 1.82 0.00	45.58 1.45 0.00	46.95 1.40 0.00	41.95 1.13 0.00	34.29 1.02 4.10	26.08 0.76 1.96
CRICKET___VALLEY_CC1 323756	43.04 0.84 0.00	37.63 0.67 0.00	27.67 0.59 0.00	28.27 0.59 -0.58	30.79 0.56 0.00	32.24 0.48 0.00	26.93 0.45 0.00	25.07 0.52 0.00	26.46 0.65 -0.02	31.22 0.94 0.00	33.66 1.11 -0.02	36.93 1.30 -0.08	32.32 1.17 0.00	30.38 1.18 -0.16	23.86 0.98 0.00	25.53 1.07 0.00	27.58 1.10 0.00	44.19 1.57 -0.29	49.05 1.43 0.00	45.17 1.04 0.00	46.46 0.91 0.00	41.53 0.71 0.00	-11.84 0.61 49.82	3.88 0.38 23.78
CRICKET___VALLEY_CC2 323757	43.04 0.84 0.00	37.63 0.67 0.00	27.67 0.59 0.00	28.27 0.59 -0.58	30.79 0.56 0.00	32.24 0.48 0.00	26.93 0.45 0.00	25.07 0.52 0.00	26.46 0.65 -0.02	31.22 0.94 0.00	33.66 1.11 -0.02	36.93 1.30 -0.08	32.32 1.17 0.00	30.38 1.18 -0.16	23.86 0.98 0.00	25.53 1.07 0.00	27.58 1.10 0.00	44.19 1.57 -0.29	49.05 1.43 0.00	45.17 1.04 0.00	46.46 0.91 0.00	41.53 0.71 0.00	-11.84 0.61 49.82	3.88 0.38 23.78
CRICKET___VALLEY_CC3 323758	43.04 0.84 0.00	37.63 0.67 0.00	27.67 0.59 0.00	28.27 0.59 -0.58	30.79 0.56 0.00	32.24 0.48 0.00	26.93 0.45 0.00	25.07 0.52 0.00	26.46 0.65 -0.02	31.22 0.94 0.00	33.66 1.11 -0.02	36.93 1.30 -0.08	32.32 1.17 0.00	30.38 1.18 -0.16	23.86 0.98 0.00	25.53 1.07 0.00	27.58 1.10 0.00	44.19 1.57 -0.29	49.05 1.43 0.00	45.17 1.04 0.00	46.46 0.91 0.00	41.53 0.71 0.00	-11.84 0.61 49.82	3.88 0.38 23.78
CRUCIBLE_METL_DRP 24180	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.68 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.84 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
DAHOWA___HYDRO 323763	43.95 1.75 0.00	38.50 1.54 0.00	28.31 1.22 0.00	31.94 1.31 -3.54	31.63 1.40 0.00	33.24 1.49 0.00	27.73 1.25 0.00	25.69 1.14 0.00	27.16 1.28 -0.10	31.73 1.45 0.00	34.03 1.38 -0.13	37.37 1.33 -0.49	32.25 1.10 0.00	31.14 1.15 -0.94	23.80 0.92 0.00	25.61 1.15 0.00	27.77 1.29 0.00	46.30 2.14 -1.84	50.12 2.50 0.00	46.37 2.24 0.00	47.75 2.19 0.00	42.64 1.82 0.00	35.67 1.62 3.33	26.87 1.17 1.59
DANC___LFGE 323619	41.65 -0.55 0.00	36.47 -0.50 0.00	26.65 -0.43 0.00	26.69 -0.40 0.00	29.89 -0.34 0.00	31.69 -0.06 0.00	26.34 -0.14 0.00	24.18 -0.37 0.00	25.42 -0.36 0.00	29.87 -0.41 0.00	32.08 -0.45 0.00	34.68 -0.87 0.00	30.26 -0.90 0.00	27.74 -1.30 0.00	21.67 -1.21 0.00	23.17 -1.30 0.00	25.21 -1.26 0.00	40.54 -1.78 0.00	46.69 -0.92 0.00	44.08 -0.05 0.00	45.33 -0.22 0.00	40.78 -0.04 0.00	37.30 -0.08 0.00	27.28 0.00 0.00
DANSKAMMER___1 23586	43.77 1.57 0.00	38.26 1.30 0.00	28.08 1.00 0.00	28.06 0.96 0.00	31.22 0.99 0.00	32.73 0.97 0.00	27.36 0.88 0.00	25.48 0.94 0.00	26.85 1.06 0.00	31.68 1.40 0.00	34.14 1.61 0.00	37.42 1.87 0.00	32.81 1.65 0.00	30.63 1.59 0.00	24.20 1.32 0.00	25.90 1.43 0.00	27.99 1.52 0.00	44.61 2.28 0.00	49.89 2.28 0.00	46.00 1.87 0.00	47.37 1.82 0.00	42.35 1.53 0.00	41.21 1.35 -2.49	29.35 0.88 -1.19
DANSKAMMER___2 23589	43.77 1.57 0.00	38.26 1.30 0.00	28.08 1.00 0.00	28.06 0.96 0.00	31.22 0.99 0.00	32.73 0.97 0.00	27.36 0.88 0.00	25.48 0.94 0.00	26.85 1.06 0.00	31.68 1.40 0.00	34.14 1.61 0.00	37.42 1.87 0.00	32.81 1.65 0.00	30.63 1.59 0.00	24.20 1.32 0.00	25.90 1.43 0.00	27.99 1.52 0.00	44.61 2.28 0.00	49.89 2.28 0.00	46.00 1.87 0.00	47.37 1.82 0.00	42.35 1.53 0.00	41.21 1.35 -2.49	29.35 0.88 -1.19
DANSKAMMER___3 23590	43.77 1.57 0.00	38.26 1.30 0.00	28.08 1.00 0.00	28.06 0.96 0.00	31.22 0.99 0.00	32.73 0.97 0.00	27.36 0.88 0.00	25.48 0.94 0.00	26.85 1.06 0.00	31.68 1.40 0.00	34.14 1.61 0.00	37.42 1.87 0.00	32.81 1.65 0.00	30.63 1.59 0.00	24.20 1.32 0.00	25.90 1.43 0.00	27.99 1.52 0.00	44.61 2.28 0.00	49.89 2.28 0.00	46.00 1.87 0.00	47.37 1.82 0.00	42.35 1.53 0.00	41.21 1.35 -2.49	29.35 0.88 -1.19

DANSKAMMER___4 23591	43.77 1.57 0.00	38.26 1.30 0.00	28.08 1.00 0.00	28.06 0.96 0.00	31.22 0.99 0.00	32.73 0.97 0.00	27.36 0.88 0.00	25.48 0.94 0.00	26.85 1.06 0.00	31.68 1.40 0.00	34.14 1.61 0.00	37.42 1.87 0.00	32.81 1.65 0.00	30.63 1.59 0.00	24.20 1.32 0.00	25.90 1.43 0.00	27.99 1.52 0.00	44.61 2.28 0.00	49.89 2.28 0.00	46.00 1.87 0.00	47.37 1.82 0.00	42.35 1.53 0.00	41.21 1.35 -2.49	29.35 0.88 -1.19
DANSKAMMER___DIESEL 23592	43.78 1.57 0.00	38.27 1.30 0.00	28.09 1.00 0.00	28.05 0.96 0.00	31.23 0.99 0.00	32.73 0.97 0.00	27.36 0.88 0.00	25.48 0.94 0.00	26.85 1.06 0.00	31.68 1.40 0.00	34.14 1.61 0.00	37.42 1.87 0.00	32.81 1.66 0.00	30.63 1.59 0.00	24.20 1.32 0.00	25.89 1.43 0.00	27.99 1.52 0.00	44.60 2.28 0.00	49.89 2.28 0.00	46.00 1.87 0.00	47.37 1.82 0.00	42.35 1.53 0.00	41.21 1.35 -2.49	29.35 0.88 -1.19
DARBY___SOLAR 323810	43.77 1.57 0.00	38.36 1.40 0.00	28.20 1.12 0.00	32.05 1.20 -3.76	31.51 1.28 0.00	33.11 1.35 0.00	27.61 1.12 0.00	25.58 1.03 0.00	27.04 1.15 -0.10	31.58 1.30 0.00	33.90 1.24 -0.14	37.27 1.20 -0.52	32.15 0.99 0.00	31.07 1.02 -1.01	23.71 0.83 0.00	25.52 1.06 0.00	27.66 1.18 0.00	46.21 1.93 -1.95	49.85 2.24 0.00	46.12 1.98 0.00	47.49 1.94 0.00	42.44 1.61 0.00	35.35 1.44 3.47	26.68 1.05 1.66
DASHVILLE___HYD 23610	43.31 1.11 0.00	37.89 0.93 0.00	27.81 0.73 0.00	26.73 0.73 1.09	30.93 0.70 0.00	32.44 0.69 0.00	27.11 0.63 0.00	25.23 0.68 0.00	26.54 0.78 0.03	31.33 1.05 0.00	33.74 1.25 0.04	36.83 1.43 0.15	32.40 1.25 0.00	29.95 1.20 0.29	23.87 1.00 0.00	25.55 1.09 0.00	27.60 1.12 0.00	43.39 1.68 0.61	49.25 1.64 0.00	45.42 1.29 0.00	46.80 1.25 0.00	41.89 1.06 0.00	39.68 0.94 -1.36	28.53 0.60 -0.65
DELAWARE___LFGE 323621	42.72 0.52 0.00	37.43 0.46 0.00	27.45 0.37 0.00	27.47 0.37 0.00	30.63 0.39 0.00	32.17 0.42 0.00	26.85 0.37 0.00	24.89 0.35 0.00	26.12 0.33 0.00	30.65 0.37 0.00	32.96 0.43 0.00	36.11 0.56 0.00	31.65 0.49 0.00	29.49 0.44 0.00	23.26 0.39 0.00	24.85 0.39 0.00	26.88 0.40 0.00	42.98 0.66 0.00	48.34 0.72 0.00	44.79 0.66 0.00	46.24 0.69 0.00	41.42 0.60 0.00	37.90 0.52 0.00	27.63 0.35 0.00
DERFIELD_115KV_TB7 355931	42.16 -0.04 0.00	36.94 -0.02 0.00	27.11 0.02 0.00	27.13 0.04 0.00	30.26 0.03 0.00	31.79 0.03 0.00	26.50 0.03 0.00	24.57 0.02 0.00	25.81 0.02 0.00	30.27 0.00 0.00	32.53 0.00 0.00	35.54 -0.01 0.00	31.16 0.00 0.00	29.04 0.00 0.00	22.89 0.01 0.00	24.50 0.03 0.00	26.52 0.04 0.00	42.37 0.05 0.00	47.67 0.06 0.00	44.18 0.04 0.00	45.56 0.01 0.00	40.78 -0.04 0.00	37.34 -0.04 0.00	27.27 -0.01 0.00
DOGLEVILLE___HYD 23807	43.12 0.92 0.00	37.78 0.82 0.00	27.82 0.73 0.00	27.88 0.79 0.00	30.99 0.75 0.00	32.51 0.75 0.00	27.16 0.68 0.00	25.20 0.66 0.00	26.39 0.60 0.00	30.69 0.41 0.00	32.68 0.16 0.00	35.76 0.21 0.00	31.11 -0.04 0.00	28.98 -0.06 0.00	23.00 0.12 0.00	24.64 0.18 0.00	26.72 0.24 0.00	43.11 0.79 0.00	48.66 1.04 0.00	45.33 1.20 0.00	46.73 1.18 0.00	41.67 0.85 0.00	38.15 0.77 0.00	27.79 0.50 0.00
DUNKIRK___115KV_TB_200 55889	40.14 -2.06 0.00	35.04 -1.92 0.00	25.54 -1.55 0.00	25.66 -1.43 0.00	28.81 -1.42 0.00	30.35 -1.41 0.00	25.20 -1.29 0.00	23.33 -1.21 0.00	24.41 -1.38 0.00	28.60 -1.68 0.00	30.66 -1.86 0.00	33.68 -1.87 0.00	29.34 -1.82 0.00	27.48 -1.56 0.00	21.68 -1.20 0.00	23.16 -1.31 0.00	25.05 -1.43 0.00	39.75 -2.57 0.00	44.52 -3.09 0.00	41.73 -2.40 0.00	43.55 -2.00 0.00	39.09 -1.74 0.00	35.88 -1.50 0.00	26.35 -0.93 0.00
DUNKIRK___1 23563	40.14 -2.06 0.00	35.04 -1.92 0.00	25.54 -1.55 0.00	25.66 -1.43 0.00	28.81 -1.42 0.00	30.35 -1.41 0.00	25.20 -1.29 0.00	23.33 -1.21 0.00	24.41 -1.38 0.00	28.60 -1.68 0.00	30.66 -1.86 0.00	33.68 -1.87 0.00	29.34 -1.82 0.00	27.48 -1.56 0.00	21.68 -1.20 0.00	23.16 -1.31 0.00	25.05 -1.43 0.00	39.75 -2.57 0.00	44.52 -3.09 0.00	41.73 -2.40 0.00	43.55 -2.00 0.00	39.09 -1.74 0.00	35.88 -1.50 0.00	26.35 -0.93 0.00
DUNKIRK___2 23564	40.14 -2.06 0.00	35.04 -1.92 0.00	25.54 -1.55 0.00	25.66 -1.43 0.00	28.81 -1.42 0.00	30.35 -1.41 0.00	25.20 -1.29 0.00	23.33 -1.21 0.00	24.41 -1.38 0.00	28.60 -1.68 0.00	30.66 -1.86 0.00	33.68 -1.87 0.00	29.34 -1.82 0.00	27.48 -1.56 0.00	21.68 -1.20 0.00	23.16 -1.31 0.00	25.05 -1.43 0.00	39.75 -2.57 0.00	44.52 -3.09 0.00	41.73 -2.40 0.00	43.55 -2.00 0.00	39.09 -1.74 0.00	35.88 -1.50 0.00	26.35 -0.93 0.00
DUNKIRK___3 23565	39.99 -2.21 0.00	34.89 -2.07 0.00	25.47 -1.61 0.00	25.59 -1.50 0.00	28.72 -1.51 0.00	30.25 -1.51 0.00	25.11 -1.37 0.00	23.26 -1.29 0.00	24.36 -1.43 0.00	28.54 -1.74 0.00	30.59 -1.93 0.00	33.59 -1.96 0.00	29.27 -1.89 0.00	27.42 -1.62 0.00	21.62 -1.26 0.00	23.09 -1.37 0.00	24.98 -1.50 0.00	39.63 -2.69 0.00	44.36 -3.26 0.00	41.59 -2.54 0.00	43.42 -2.13 0.00	38.98 -1.84 0.00	35.76 -1.62 0.00	26.31 -0.97 0.00
DUNKIRK___4 23566	39.99 -2.21 0.00	34.89 -2.07 0.00	25.47 -1.61 0.00	25.59 -1.50 0.00	28.72 -1.51 0.00	30.25 -1.51 0.00	25.11 -1.37 0.00	23.26 -1.29 0.00	24.36 -1.43 0.00	28.54 -1.74 0.00	30.59 -1.93 0.00	33.59 -1.96 0.00	29.27 -1.89 0.00	27.42 -1.62 0.00	21.62 -1.26 0.00	23.09 -1.37 0.00	24.98 -1.50 0.00	39.63 -2.69 0.00	44.36 -3.26 0.00	41.59 -2.54 0.00	43.42 -2.13 0.00	38.98 -1.84 0.00	35.76 -1.62 0.00	26.31 -0.97 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.76 1.56 0.00	38.27 1.30 0.00	28.06 0.98 0.00	28.29 0.91 -0.29	31.15 0.92 0.00	32.63 0.88 0.00	27.27 0.79 0.00	25.45 0.90 0.00	26.79 1.00 -0.01	31.62 1.34 0.00	34.14 1.60 -0.01	37.47 1.88 -0.04	32.87 1.72 0.00	30.77 1.66 -0.08	24.31 1.43 0.00	25.97 1.51 0.00	28.01 1.54 0.00	44.50 2.18 0.00	49.71 2.10 0.00	45.79 1.66 0.00	47.15 1.59 0.00	42.21 1.39 0.00	42.05 1.29 -3.38	29.76 0.86 -1.61
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.45 1.25 0.00	38.00 1.04 0.00	27.88 0.79 0.00	27.85 0.76 0.00	31.01 0.78 0.00	32.52 0.76 0.00	27.18 0.70 0.00	25.31 0.76 0.00	26.64 0.85 0.00	31.42 1.15 0.00	33.85 1.33 0.00	37.10 1.55 0.00	32.53 1.37 0.00	30.34 1.31 0.00	23.98 1.11 0.00	25.67 1.21 0.00	27.73 1.25 0.00	44.18 1.86 0.00	49.44 1.83 0.00	45.60 1.47 0.00	46.99 1.44 0.00	42.05 1.22 0.00	40.80 1.09 -2.34	29.11 0.71 -1.12
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.90 1.70 0.00	38.38 1.42 0.00	28.18 1.10 0.00	28.30 0.92 -0.29	31.14 0.91 0.00	32.63 0.88 0.00	27.35 0.87 0.00	25.48 0.93 0.00	26.80 1.00 -0.01	31.64 1.36 0.00	34.17 1.64 -0.01	37.49 1.90 -0.04	32.94 1.79 0.00	30.81 1.70 -0.08	24.34 1.47 0.00	26.02 1.56 0.00	28.00 1.52 0.00	44.44 2.12 0.00	49.69 2.08 0.00	45.75 1.62 0.00	47.09 1.54 0.00	42.26 1.43 0.00	42.09 1.33 -3.38	29.80 0.91 -1.61

E179THST_13_KV_LOAD 356214	44.12 1.91 0.00	38.56 1.60 0.00	28.30 1.21 0.00	28.41 1.03 -0.29	31.27 1.03 0.00	32.77 1.01 0.00	27.46 0.98 0.00	25.59 1.04 0.00	26.90 1.11 -0.01	31.77 1.50 0.00	34.32 1.78 -0.01	37.66 2.06 -0.04	33.09 1.94 0.00	30.95 1.83 -0.08	24.45 1.57 0.00	26.13 1.66 0.00	28.13 1.65 0.00	44.65 2.33 0.00	49.92 2.31 0.00	45.96 1.83 0.00	47.32 1.76 0.00	42.45 1.63 0.00	42.27 1.51 -3.38	29.92 1.03 -1.61
EAST HAMPTON___GT 23717	43.50 1.30 0.00	38.26 1.30 0.00	28.42 1.34 0.00	28.83 1.44 -0.29	31.68 1.45 0.00	32.99 1.24 0.00	27.19 0.71 0.00	25.30 0.76 0.00	26.81 1.01 -0.01	31.72 1.44 0.00	34.57 2.04 -0.01	37.98 2.39 -0.04	33.78 2.62 0.00	31.72 2.60 -0.08	25.28 2.40 0.00	27.02 2.56 0.00	29.09 2.61 0.00	45.96 3.64 0.00	51.07 3.45 0.00	47.35 3.22 0.00	48.71 3.16 0.00	43.51 2.69 0.00	43.13 2.37 -3.38	30.37 1.48 -1.61
EAST RIVER___6 23660	44.00 1.80 0.00	38.46 1.50 0.00	28.21 1.12 0.00	28.38 1.01 -0.29	31.23 1.00 0.00	32.66 0.90 0.00	27.34 0.86 0.00	25.52 0.97 0.00	26.87 1.07 -0.01	31.69 1.41 0.00	34.22 1.69 -0.01	37.57 1.98 -0.04	32.97 1.82 0.00	30.87 1.75 -0.08	24.39 1.52 0.00	26.03 1.57 0.00	28.08 1.60 0.00	44.58 2.26 0.00	49.83 2.21 0.00	45.88 1.75 0.00	47.25 1.69 0.00	42.31 1.49 0.00	42.14 1.39 -3.38	29.81 0.91 -1.61
EAST RIVER___7 23524	44.00 1.80 0.00	38.46 1.50 0.00	28.21 1.12 0.00	28.38 1.01 -0.29	31.23 1.00 0.00	32.66 0.90 0.00	27.34 0.86 0.00	25.52 0.97 0.00	26.87 1.07 -0.01	31.69 1.41 0.00	34.22 1.69 -0.01	37.57 1.98 -0.04	32.97 1.82 0.00	30.87 1.75 -0.08	24.39 1.52 0.00	26.03 1.57 0.00	28.08 1.60 0.00	44.58 2.26 0.00	49.83 2.21 0.00	45.88 1.75 0.00	47.25 1.69 0.00	42.31 1.49 0.00	42.14 1.39 -3.38	29.81 0.91 -1.61
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.69 1.49 0.00	38.20 1.23 0.00	28.03 0.94 0.00	28.24 0.87 -0.28	31.11 0.88 0.00	32.60 0.84 0.00	27.25 0.77 0.00	25.41 0.87 0.00	26.76 0.96 -0.01	31.57 1.29 0.00	34.08 1.55 -0.01	37.41 1.82 -0.04	32.81 1.66 0.00	30.71 1.60 -0.07	24.24 1.37 0.00	25.91 1.45 0.00	27.96 1.48 0.00	44.43 2.10 0.00	49.62 2.01 0.00	45.73 1.60 0.00	47.09 1.54 0.00	42.15 1.32 0.00	41.95 1.23 -3.34	29.68 0.81 -1.59
EAST_HAMPTON___DIESEL 23722	43.41 1.21 0.00	38.20 1.24 0.00	28.41 1.33 0.00	28.83 1.45 -0.29	31.69 1.46 0.00	32.99 1.24 0.00	27.18 0.70 0.00	25.28 0.73 0.00	26.78 0.98 -0.01	31.67 1.39 0.00	34.51 1.98 -0.01	37.91 2.32 -0.04	33.75 2.59 0.00	31.69 2.58 -0.08	25.27 2.39 0.00	27.02 2.56 0.00	29.09 2.61 0.00	45.97 3.65 0.00	51.08 3.46 0.00	47.36 3.23 0.00	48.72 3.17 0.00	43.53 2.70 0.00	43.14 2.38 -3.38	30.38 1.49 -1.61
EAST_POINT___SOLAR 323840	43.90 1.70 0.00	38.38 1.42 0.00	28.07 0.98 0.00	29.72 0.99 -1.63	31.38 1.15 0.00	33.02 1.26 0.00	27.56 1.08 0.00	25.34 0.79 0.00	26.22 0.39 -0.05	30.21 -0.07 0.00	32.36 -0.22 -0.06	35.62 -0.15 -0.23	30.81 -0.34 0.00	29.33 -0.14 -0.43	22.81 -0.07 0.00	24.28 -0.18 0.00	26.19 -0.28 0.00	43.57 0.36 -0.89	48.77 1.16 0.00	46.29 2.16 0.00	47.86 2.31 0.00	42.76 1.94 0.00	37.12 1.67 1.93	27.52 1.16 0.92
EAST_PULASKI___ESR 323781	41.28 -0.92 0.00	36.24 -0.72 0.00	26.54 -0.55 0.00	26.56 -0.54 0.00	29.67 -0.57 0.00	31.29 -0.47 0.00	26.03 -0.45 0.00	24.02 -0.53 0.00	25.20 -0.59 0.00	29.55 -0.73 0.00	31.77 -0.75 0.00	34.61 -0.94 0.00	30.28 -0.87 0.00	28.00 -1.05 0.00	21.97 -0.90 0.00	23.50 -0.97 0.00	25.50 -0.99 0.00	40.82 -1.51 0.00	46.44 -1.17 0.00	43.45 -0.68 0.00	44.81 -0.74 0.00	40.21 -0.61 0.00	36.83 -0.55 0.00	26.91 -0.37 0.00
EAST_RIVER___1 323558	43.95 1.75 0.00	38.41 1.45 0.00	28.17 1.09 0.00	28.35 0.97 -0.29	31.21 0.98 0.00	32.69 0.93 0.00	27.34 0.85 0.00	25.52 0.98 0.00	26.86 1.07 -0.01	31.70 1.42 0.00	34.24 1.71 -0.01	37.59 2.00 -0.04	32.99 1.83 0.00	30.88 1.76 -0.08	24.41 1.53 0.00	26.07 1.60 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.82 2.21 0.00	45.89 1.76 0.00	47.26 1.71 0.00	42.32 1.50 0.00	42.16 1.40 -3.38	29.82 0.92 -1.61
EAST_RIVER___2 323559	44.00 1.80 0.00	38.46 1.50 0.00	28.21 1.12 0.00	28.38 1.01 -0.29	31.23 1.00 0.00	32.66 0.90 0.00	27.34 0.86 0.00	25.52 0.97 0.00	26.87 1.07 -0.01	31.69 1.41 0.00	34.22 1.69 -0.01	37.57 1.98 -0.04	32.97 1.82 0.00	30.87 1.75 -0.08	24.39 1.52 0.00	26.03 1.57 0.00	28.08 1.60 0.00	44.58 2.26 0.00	49.83 2.21 0.00	45.88 1.75 0.00	47.25 1.69 0.00	42.31 1.49 0.00	42.14 1.39 -3.38	29.81 0.91 -1.61
EAST___DELAWARE_HYD 23607	42.80 0.60 0.00	37.43 0.47 0.00	27.46 0.37 0.00	27.41 0.32 0.00	30.53 0.30 0.00	32.03 0.27 0.00	26.78 0.30 0.00	24.92 0.37 0.00	26.24 0.45 0.00	30.92 0.65 0.00	33.25 0.72 0.00	36.42 0.87 0.00	31.76 0.61 0.00	28.96 -0.08 0.00	22.91 0.04 0.00	24.52 0.06 0.00	26.56 0.08 0.00	42.44 0.12 0.00	47.57 -0.05 0.00	43.96 -0.17 0.00	45.41 -0.14 0.00	41.53 0.71 0.00	39.77 0.57 -1.82	28.45 0.30 -0.87
EIGHT_POINT___WT_PWR 323820	40.64 -1.57 0.00	35.49 -1.47 0.00	25.76 -1.33 0.00	25.92 -1.17 0.00	28.77 -1.46 0.00	30.25 -1.51 0.00	25.08 -1.40 0.00	23.49 -1.06 0.00	24.67 -1.12 0.00	28.55 -1.73 0.00	30.02 -2.51 0.00	32.94 -2.61 0.00	28.75 -2.40 0.00	26.91 -2.13 0.00	21.24 -1.63 0.00	22.74 -1.73 0.00	24.78 -1.70 0.00	39.44 -2.88 0.00	44.72 -2.89 0.00	42.13 -2.00 0.00	43.79 -1.76 0.00	39.32 -1.50 0.00	35.95 -1.43 0.00	26.28 -1.01 0.00
ELBRIDGE_115KV_TB2 80188	41.17 -1.03 0.00	36.16 -0.80 0.00	26.52 -0.56 0.00	26.55 -0.55 0.00	29.60 -0.64 0.00	31.11 -0.65 0.00	25.91 -0.58 0.00	23.98 -0.57 0.00	25.16 -0.63 0.00	29.46 -0.81 0.00	31.66 -0.87 0.00	34.68 -0.87 0.00	30.36 -0.79 0.00	28.31 -0.73 0.00	22.32 -0.56 0.00	23.81 -0.65 0.00	25.83 -0.65 0.00	41.32 -1.00 0.00	46.57 -1.05 0.00	43.29 -0.84 0.00	44.73 -0.82 0.00	40.06 -0.77 0.00	36.64 -0.74 0.00	26.79 -0.49 0.00
ELEC_TRO_TEK 24086	43.81 1.61 0.00	38.26 1.29 0.00	28.03 0.95 0.00	28.21 0.83 -0.29	31.04 0.81 0.00	32.48 0.72 0.00	27.09 0.61 0.00	25.34 0.79 0.00	26.73 0.94 -0.01	31.59 1.32 0.00	34.34 1.81 -0.01	37.69 2.10 -0.04	33.06 1.91 0.00	30.97 1.85 -0.08	24.47 1.59 0.00	26.06 1.60 0.00	27.99 1.51 0.00	44.36 2.04 0.00	49.52 1.91 0.00	45.77 1.64 0.00	47.10 1.55 0.00	42.26 1.44 0.00	42.16 1.40 -3.38	29.78 0.88 -1.61
ELLENBURG_WT_PWR 323604	42.93 0.73 0.00	37.75 0.78 0.00	27.67 0.59 0.00	27.50 0.40 0.00	30.72 0.48 0.00	32.33 0.58 0.00	26.90 0.42 0.00	25.02 0.47 0.00	26.47 0.68 0.00	31.21 0.93 0.00	33.26 0.74 0.00	36.03 0.48 0.00	31.25 0.10 0.00	28.93 -0.11 0.00	22.62 -0.25 0.00	23.99 -0.47 0.00	25.92 -0.56 0.00	42.55 0.22 0.00	48.46 0.85 0.00	44.90 0.77 0.00	46.46 0.91 0.00	41.71 0.89 0.00	37.99 0.61 0.00	27.51 0.23 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	39.69 -2.51 0.00	34.51 -2.45 0.00	25.35 -1.74 0.00	25.44 -1.65 0.00	28.54 -1.70 0.00	30.05 -1.71 0.00	24.90 -1.58 0.00	23.06 -1.49 0.00	24.22 -1.57 0.00	28.40 -1.87 0.00	30.43 -2.09 0.00	33.40 -2.15 0.00	29.13 -2.02 0.00	27.30 -1.74 0.00	21.45 -1.43 0.00	22.93 -1.53 0.00	24.76 -1.72 0.00	39.31 -3.01 0.00	43.92 -3.69 0.00	41.27 -2.86 0.00	43.08 -2.47 0.00	38.78 -2.04 0.00	35.49 -1.89 0.00	26.27 -1.01 0.00
EMPIRE_CC_1 323656	43.21 1.01 0.00	37.91 0.95 0.00	27.89 0.80 0.00	33.94 0.85 -6.00	31.11 0.88 0.00	32.64 0.88 0.00	27.22 0.74 0.00	25.28 0.73 0.00	26.77 0.82 -0.16	31.31 1.04 0.00	33.87 1.13 -0.22	37.60 1.21 -0.84	32.19 1.03 0.00	31.70 1.06 -1.60	23.75 0.87 0.00	25.49 1.03 0.00	27.55 1.07 0.00	46.93 1.55 -3.06	49.14 1.52 0.00	45.27 1.14 0.00	46.63 1.08 0.00	41.69 0.87 0.00	33.82 0.79 4.36	25.83 0.63 2.08
EMPIRE_CC_2 323658	43.21 1.01 0.00	37.91 0.95 0.00	27.89 0.80 0.00	33.94 0.85 -6.00	31.11 0.88 0.00	32.64 0.88 0.00	27.22 0.74 0.00	25.28 0.73 0.00	26.77 0.82 -0.16	31.31 1.04 0.00	33.87 1.13 -0.22	37.60 1.21 -0.84	32.19 1.03 0.00	31.70 1.06 -1.60	23.75 0.87 0.00	25.49 1.03 0.00	27.55 1.07 0.00	46.93 1.55 -3.06	49.14 1.52 0.00	45.27 1.14 0.00	46.63 1.08 0.00	41.69 0.87 0.00	33.82 0.79 4.36	25.83 0.63 2.08
ENORWICH_115KV_TB1 80156	43.86 1.66 0.00	38.41 1.45 0.00	28.08 0.99 0.00	28.15 1.05 0.00	31.43 1.20 0.00	33.07 1.32 0.00	27.61 1.13 0.00	25.55 1.00 0.00	26.56 0.77 0.00	30.72 0.44 0.00	32.85 0.33 0.00	36.10 0.55 0.00	31.68 0.52 0.00	29.12 0.08 0.00	23.03 0.15 0.00	24.29 -0.17 0.00	26.60 0.12 0.00	43.04 0.72 0.00	49.27 1.65 0.00	46.40 2.27 0.00	48.04 2.49 0.00	42.90 2.07 0.00	39.16 1.78 0.00	28.47 1.19 0.00
ERIE_ST__34_KV_TB1-2 80199	39.88 -2.32 0.00	34.68 -2.28 0.00	25.42 -1.66 0.00	25.54 -1.56 0.00	28.64 -1.59 0.00	30.15 -1.61 0.00	25.02 -1.46 0.00	23.17 -1.37 0.00	24.35 -1.44 0.00	28.55 -1.73 0.00	30.60 -1.93 0.00	33.58 -1.97 0.00	29.29 -1.87 0.00	27.46 -1.58 0.00	21.58 -1.29 0.00	23.07 -1.39 0.00	24.93 -1.55 0.00	39.60 -2.73 0.00	44.28 -3.55 0.00	41.59 -2.71 0.00	43.41 -2.29 0.00	39.03 -1.80 0.00	35.71 -1.67 0.00	26.37 -0.91 0.00
ERIE_WT_PWR 323693	39.82 -2.38 0.00	34.66 -2.30 0.00	25.43 -1.65 0.00	25.53 -1.57 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.97 -1.51 0.00	23.11 -1.43 0.00	24.28 -1.50 0.00	28.47 -1.80 0.00	30.52 -2.00 0.00	33.47 -2.08 0.00	29.20 -1.95 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.82 -1.66 0.00	39.39 -2.93 0.00	44.06 -3.55 0.00	41.42 -2.71 0.00	43.26 -2.29 0.00	38.90 -1.92 0.00	35.62 -1.76 0.00	26.34 -0.94 0.00
ESPRGFLD_115KV_TB1 80157	43.07 0.87 0.00	37.71 0.75 0.00	27.55 0.47 0.00	28.68 0.44 -1.14	30.77 0.54 0.00	32.38 0.63 0.00	27.03 0.55 0.00	24.98 0.43 0.00	26.11 0.29 -0.03	30.43 0.16 0.00	32.75 0.18 -0.04	35.98 0.27 -0.16	31.38 0.22 0.00	29.44 0.10 -0.30	22.90 0.03 0.00	24.43 -0.03 0.00	26.42 -0.06 0.00	43.15 0.21 -0.62	48.23 0.62 0.00	45.16 1.03 0.00	46.74 1.19 0.00	41.89 1.07 0.00	37.15 0.96 1.19	27.36 0.64 0.57
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.07 -0.13 0.00	36.88 -0.08 0.00	27.00 -0.08 0.00	27.06 -0.04 0.00	30.17 -0.06 0.00	31.72 -0.03 0.00	26.44 -0.05 0.00	24.49 -0.07 0.00	25.60 -0.19 0.00	29.80 -0.48 0.00	31.94 -0.59 0.00	35.06 -0.49 0.00	30.79 -0.36 0.00	28.61 -0.43 0.00	22.55 -0.33 0.00	24.01 -0.46 0.00	26.09 -0.38 0.00	41.85 -0.47 0.00	47.45 -0.16 0.00	44.31 0.18 0.00	45.84 0.29 0.00	41.02 0.20 0.00	37.52 0.14 0.00	27.36 0.07 0.00
ETNA____115KV_TB2 80207	42.07 -0.13 0.00	36.88 -0.08 0.00	27.00 -0.08 0.00	27.06 -0.04 0.00	30.17 -0.06 0.00	31.72 -0.03 0.00	26.44 -0.05 0.00	24.49 -0.07 0.00	25.60 -0.19 0.00	29.80 -0.48 0.00	31.94 -0.59 0.00	35.06 -0.49 0.00	30.79 -0.36 0.00	28.61 -0.43 0.00	22.55 -0.33 0.00	24.01 -0.46 0.00	26.09 -0.38 0.00	41.85 -0.47 0.00	47.45 -0.16 0.00	44.31 0.18 0.00	45.84 0.29 0.00	41.02 0.20 0.00	37.52 0.14 0.00	27.36 0.07 0.00
EUCLID__115KV_TB2 356179	41.02 -1.18 0.00	36.01 -0.95 0.00	26.41 -0.67 0.00	26.45 -0.64 0.00	29.49 -0.74 0.00	31.00 -0.76 0.00	25.81 -0.67 0.00	23.89 -0.66 0.00	25.06 -0.73 0.00	29.37 -0.91 0.00	31.58 -0.94 0.00	34.57 -0.98 0.00	30.31 -0.85 0.00	28.23 -0.81 0.00	22.24 -0.64 0.00	23.77 -0.69 0.00	25.74 -0.74 0.00	41.13 -1.19 0.00	46.35 -1.26 0.00	43.04 -1.09 0.00	44.43 -1.12 0.00	39.81 -1.01 0.00	36.48 -0.90 0.00	26.66 -0.62 0.00
E_CANADA_CAP_HY 24051	43.42 1.22 0.00	37.99 1.03 0.00	27.76 0.67 0.00	29.25 0.65 -1.51	31.01 0.78 0.00	32.64 0.88 0.00	27.24 0.75 0.00	25.14 0.59 0.00	26.22 0.39 -0.04	30.45 0.17 0.00	32.73 0.14 -0.06	35.88 0.12 -0.21	31.22 0.06 0.00	29.39 -0.05 -0.40	22.78 -0.10 0.00	24.34 -0.13 0.00	26.31 -0.17 0.00	43.32 0.18 -0.82	48.33 0.72 0.00	45.48 1.35 0.00	47.05 1.50 0.00	42.15 1.33 0.00	36.83 1.20 1.75	27.31 0.86 0.83
E_CANADA_MHWK_HY 24050	43.12 0.92 0.00	37.78 0.82 0.00	27.82 0.73 0.00	27.88 0.79 0.00	30.99 0.75 0.00	32.51 0.75 0.00	27.16 0.68 0.00	25.20 0.66 0.00	26.39 0.60 0.00	30.69 0.41 0.00	32.68 0.16 0.00	35.76 0.21 0.00	31.11 -0.04 0.00	28.98 -0.06 0.00	23.00 0.12 0.00	24.64 0.18 0.00	26.72 0.24 0.00	43.11 0.79 0.00	48.66 1.04 0.00	45.33 1.20 0.00	46.73 1.18 0.00	41.67 0.85 0.00	38.14 0.77 0.00	27.79 0.50 0.00
E_FISHKILL__LBMP 23776	43.45 1.25 0.00	38.01 1.04 0.00	27.90 0.82 0.00	28.21 0.78 -0.33	31.00 0.78 0.00	32.48 0.72 0.00	27.15 0.66 0.00	25.29 0.74 0.00	26.64 0.84 -0.01	31.43 1.15 0.00	33.91 1.37 -0.01	37.19 1.59 -0.05	32.60 1.44 0.00	30.55 1.42 -0.09	24.07 1.20 0.00	25.75 1.28 0.00	27.79 1.31 0.00	44.36 1.87 -0.16	49.38 1.77 0.00	45.50 1.38 0.00	46.85 1.30 0.00	41.92 1.09 0.00	42.12 1.00 -3.74	29.72 0.66 -1.79
FALCON__SEABRD_CC1 323796	43.23 1.03 0.00	38.15 1.19 0.00	28.09 1.00 0.00	27.81 0.72 0.00	31.02 0.79 0.00	32.68 0.92 0.00	27.18 0.70 0.00	25.32 0.78 0.00	26.87 1.09 0.00	31.74 1.47 0.00	33.73 1.20 0.00	36.44 0.88 0.00	31.52 0.37 0.00	29.09 0.05 0.00	22.65 -0.23 0.00	24.03 -0.43 0.00	25.87 -0.61 0.00	42.78 0.46 0.00	48.93 1.32 0.00	45.37 1.24 0.00	46.94 1.39 0.00	42.15 1.33 0.00	38.36 0.98 0.00	27.72 0.43 0.00
FALCON__SEABRD_CC2 323797	43.23 1.03 0.00	38.15 1.19 0.00	28.09 1.00 0.00	27.81 0.72 0.00	31.02 0.79 0.00	32.68 0.92 0.00	27.18 0.70 0.00	25.32 0.78 0.00	26.87 1.09 0.00	31.74 1.47 0.00	33.73 1.20 0.00	36.44 0.88 0.00	31.52 0.37 0.00	29.09 0.05 0.00	22.65 -0.23 0.00	24.03 -0.43 0.00	25.87 -0.61 0.00	42.78 0.46 0.00	48.93 1.32 0.00	45.37 1.24 0.00	46.94 1.39 0.00	42.15 1.33 0.00	38.36 0.98 0.00	27.72 0.43 0.00

FAR ROCKAWAY___4 23548	44.47 2.26 0.00	38.79 1.83 0.00	28.41 1.32 0.00	28.58 1.20 -0.29	31.44 1.21 0.00	32.88 1.13 0.00	27.43 0.94 0.00	25.64 1.09 0.00	27.07 1.27 -0.01	32.00 1.72 0.00	34.80 2.26 -0.01	38.20 2.61 -0.04	33.51 2.36 0.00	31.38 2.27 -0.08	24.80 1.92 0.00	26.42 1.96 0.00	28.39 1.91 0.00	45.02 2.70 0.00	50.23 2.62 0.00	46.47 2.34 0.00	47.83 2.28 0.00	42.91 2.09 0.00	42.73 1.97 -3.38	30.19 1.29 -1.61
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.96 1.75 0.00	38.42 1.46 0.00	28.17 1.09 0.00	28.35 0.97 -0.29	31.22 0.99 0.00	32.70 0.94 0.00	27.34 0.86 0.00	25.54 0.99 0.00	26.87 1.08 -0.01	31.71 1.44 0.00	34.26 1.72 -0.01	37.61 2.02 -0.04	33.01 1.86 0.00	30.90 1.78 -0.08	24.42 1.55 0.00	26.09 1.62 0.00	28.14 1.66 0.00	44.65 2.33 0.00	49.86 2.25 0.00	45.92 1.79 0.00	47.28 1.73 0.00	42.34 1.52 0.00	42.18 1.43 -3.38	29.84 0.94 -1.61
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.96 1.76 0.00	38.44 1.48 0.00	28.18 1.09 0.00	28.37 0.99 -0.29	31.23 0.99 0.00	32.71 0.95 0.00	27.36 0.87 0.00	25.54 1.00 0.00	26.88 1.08 -0.01	31.72 1.44 0.00	34.26 1.72 -0.01	37.62 2.03 -0.04	33.01 1.86 0.00	30.90 1.78 -0.08	24.42 1.55 0.00	26.09 1.63 0.00	28.14 1.66 0.00	44.65 2.33 0.00	49.86 2.25 0.00	45.92 1.79 0.00	47.29 1.74 0.00	42.35 1.53 0.00	42.19 1.43 -3.38	29.84 0.95 -1.61
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.93 1.73 0.00	38.40 1.44 0.00	28.16 1.07 0.00	28.34 0.96 -0.29	31.20 0.97 0.00	32.69 0.93 0.00	27.33 0.85 0.00	25.53 0.98 0.00	26.86 1.07 -0.01	31.70 1.42 0.00	34.24 1.71 -0.01	37.59 2.00 -0.04	32.99 1.83 0.00	30.88 1.76 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.12 1.64 0.00	44.63 2.30 0.00	49.82 2.21 0.00	45.89 1.76 0.00	47.25 1.70 0.00	42.31 1.49 0.00	42.15 1.40 -3.38	29.82 0.92 -1.61
FARRAGUT___LBMP 323566	43.90 1.70 0.00	38.37 1.40 0.00	28.14 1.05 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.51 0.96 0.00	26.84 1.04 -0.01	31.68 1.40 0.00	34.21 1.68 -0.01	37.56 1.97 -0.04	32.96 1.81 0.00	30.85 1.74 -0.08	24.39 1.51 0.00	26.05 1.59 0.00	28.10 1.62 0.00	44.59 2.27 0.00	49.78 2.16 0.00	45.85 1.73 0.00	47.22 1.67 0.00	42.29 1.47 0.00	42.12 1.37 -3.38	29.80 0.90 -1.61
FENNER___WINDPWR 24204	42.36 0.16 0.00	37.12 0.16 0.00	27.18 0.10 0.00	27.23 0.13 0.00	30.36 0.13 0.00	31.94 0.18 0.00	26.64 0.16 0.00	24.64 0.09 0.00	25.78 -0.01 0.00	30.11 -0.17 0.00	32.30 -0.22 0.00	35.34 -0.21 0.00	31.07 -0.08 0.00	28.87 -0.17 0.00	22.69 -0.18 0.00	24.23 -0.23 0.00	26.29 -0.19 0.00	42.16 -0.16 0.00	47.83 0.21 0.00	44.62 0.49 0.00	46.04 0.49 0.00	41.19 0.36 0.00	37.71 0.33 0.00	27.52 0.23 0.00
FIBERTEK___ENERGY 23856	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.68 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.84 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
FITZPATRICK___ 23598	40.51 -1.69 0.00	35.62 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.17 -1.07 0.00	30.65 -1.11 0.00	25.52 -0.96 0.00	23.62 -0.93 0.00	24.78 -1.01 0.00	29.03 -1.24 0.00	31.22 -1.31 0.00	34.14 -1.41 0.00	29.93 -1.23 0.00	27.89 -1.15 0.00	21.97 -0.90 0.00	23.49 -0.97 0.00	25.44 -1.03 0.00	40.65 -1.67 0.00	45.76 -1.85 0.00	42.49 -1.64 0.00	43.86 -1.69 0.00	39.31 -1.51 0.00	36.01 -1.37 0.00	26.33 -0.95 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.86 1.66 0.00	38.34 1.38 0.00	28.14 1.05 0.00	28.10 1.01 0.00	31.28 1.05 0.00	32.79 1.04 0.00	27.41 0.93 0.00	25.53 0.99 0.00	26.90 1.11 0.00	31.74 1.46 0.00	34.21 1.69 0.00	37.49 1.94 0.00	32.89 1.74 0.00	30.71 1.67 0.00	24.26 1.38 0.00	25.96 1.50 0.00	28.07 1.59 0.00	44.70 2.38 0.00	50.02 2.41 0.00	46.10 1.97 0.00	47.47 1.91 0.00	42.45 1.62 0.00	41.40 1.43 -2.60	29.46 0.94 -1.24
FORT ORANGE___ 23900	42.79 0.59 0.00	37.52 0.56 0.00	27.62 0.53 0.00	18.66 0.57 9.01	30.77 0.54 0.00	32.30 0.54 0.00	26.93 0.45 0.00	25.03 0.48 0.00	26.08 0.54 0.25	30.96 0.68 0.00	32.91 0.72 0.33	34.92 0.63 1.26	31.73 0.57 0.00	27.22 0.58 2.41	23.46 0.58 0.00	25.14 0.68 0.00	27.21 0.73 0.00	38.31 1.05 5.06	48.63 1.01 0.00	44.94 0.81 0.00	46.31 0.75 0.00	41.37 0.55 0.00	35.51 0.47 2.34	26.53 0.36 1.12
FORT_DRUM_COGEN 23780	42.56 0.36 0.00	37.17 0.21 0.00	27.13 0.04 0.00	27.16 0.06 0.00	30.47 0.23 0.00	32.40 0.65 0.00	26.90 0.42 0.00	24.62 0.07 0.00	25.90 0.11 0.00	30.47 0.20 0.00	32.65 0.13 0.00	35.11 -0.43 0.00	30.50 -0.66 0.00	27.77 -1.27 0.00	21.61 -1.26 0.00	23.10 -1.37 0.00	25.20 -1.28 0.00	40.74 -1.58 0.00	47.52 -0.09 0.00	45.32 1.19 0.00	46.53 0.98 0.00	41.85 1.02 0.00	38.20 0.82 0.00	27.94 0.66 0.00
FOX_HILLS___ESR 323835	44.02 1.82 0.00	38.50 1.54 0.00	28.23 1.14 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.75 0.99 0.00	27.41 0.93 0.00	25.56 1.01 0.00	26.89 1.10 -0.01	31.76 1.48 0.00	34.29 1.76 -0.01	37.66 2.07 -0.04	33.06 1.90 0.00	30.88 1.76 -0.08	24.37 1.49 0.00	26.06 1.60 0.00	28.07 1.59 0.00	44.55 2.23 0.00	49.77 2.16 0.00	45.81 1.68 0.00	47.21 1.65 0.00	42.34 1.52 0.00	42.16 1.41 -3.38	29.82 0.93 -1.61
FPL_FAR_ROCK_GT1 24212	44.47 2.27 0.00	38.79 1.83 0.00	28.41 1.32 0.00	28.58 1.20 -0.29	31.45 1.21 0.00	32.88 1.12 0.00	27.43 0.94 0.00	25.64 1.09 0.00	27.07 1.27 -0.01	32.00 1.72 0.00	34.80 2.26 -0.01	38.20 2.61 -0.04	33.51 2.36 0.00	31.38 2.27 -0.08	24.80 1.92 0.00	26.43 1.96 0.00	28.39 1.91 0.00	45.03 2.71 0.00	50.23 2.62 0.00	46.47 2.33 0.00	47.83 2.28 0.00	42.91 2.09 0.00	42.74 1.97 -3.38	30.19 1.29 -1.61
FPL_FAR_ROCK_GT2 23815	44.47 2.27 0.00	38.79 1.83 0.00	28.41 1.32 0.00	28.58 1.20 -0.29	31.45 1.21 0.00	32.88 1.12 0.00	27.43 0.94 0.00	25.64 1.09 0.00	27.07 1.27 -0.01	32.00 1.72 0.00	34.80 2.26 -0.01	38.20 2.61 -0.04	33.51 2.36 0.00	31.38 2.27 -0.08	24.80 1.92 0.00	26.43 1.96 0.00	28.39 1.91 0.00	45.03 2.71 0.00	50.23 2.62 0.00	46.47 2.33 0.00	47.83 2.28 0.00	42.91 2.09 0.00	42.74 1.97 -3.38	30.19 1.29 -1.61
FRANKLIN_FALL_HYD 24054	43.62 1.42 0.00	38.23 1.27 0.00	27.92 0.84 0.00	27.80 0.70 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.25 0.77 0.00	25.34 0.79 0.00	26.76 0.98 0.00	31.45 1.18 0.00	33.57 1.05 0.00	36.42 0.87 0.00	31.74 0.58 0.00	29.41 0.36 0.00	22.94 0.07 -0.13	24.33 -0.13 0.00	26.33 -0.15 0.00	43.12 0.80 0.00	49.10 1.49 0.00	45.70 1.57 0.00	47.33 1.78 0.00	42.50 1.67 0.00	38.68 1.30 0.00	28.02 0.74 0.00

FREEPORT_EQUS_GT1 23764	44.02 1.82 0.00	38.41 1.45 0.00	28.15 1.07 0.00	28.31 0.93 -0.29	31.16 0.92 0.00	32.57 0.82 0.00	27.17 0.68 0.00	25.42 0.87 0.00	26.84 1.04 -0.01	31.76 1.48 0.00	34.55 2.02 -0.01	37.92 2.33 -0.04	33.30 2.14 0.00	31.18 2.07 -0.08	24.64 1.76 0.00	26.22 1.76 0.00	28.12 1.64 0.00	44.56 2.24 0.00	49.71 2.10 0.00	45.99 1.86 0.00	47.34 1.79 0.00	42.48 1.66 0.00	42.39 1.63 -3.38	29.92 1.02 -1.61
FREEPORT___CT2 23818	44.02 1.82 0.00	38.41 1.45 0.00	28.15 1.07 0.00	28.31 0.93 -0.29	31.16 0.92 0.00	32.57 0.82 0.00	27.17 0.68 0.00	25.42 0.87 0.00	26.84 1.04 -0.01	31.76 1.48 0.00	34.55 2.02 -0.01	37.92 2.33 -0.04	33.30 2.14 0.00	31.18 2.07 -0.08	24.64 1.76 0.00	26.22 1.76 0.00	28.12 1.64 0.00	44.56 2.24 0.00	49.71 2.10 0.00	45.99 1.86 0.00	47.34 1.79 0.00	42.48 1.66 0.00	42.39 1.63 -3.38	29.92 1.02 -1.61
FRESHKLS_33_KV_LOAD 356253	44.16 1.96 0.00	38.63 1.67 0.00	28.32 1.24 0.00	28.48 1.10 -0.29	31.36 1.13 0.00	32.87 1.12 0.00	27.52 1.03 0.00	25.64 1.10 0.00	26.98 1.19 -0.01	31.87 1.59 0.00	34.39 1.85 -0.01	37.77 2.18 -0.04	33.15 2.00 0.00	30.90 1.79 -0.08	24.36 1.49 0.00	26.08 1.61 0.00	28.06 1.59 0.00	44.54 2.22 0.00	49.80 2.19 0.00	45.85 1.72 0.00	47.25 1.70 0.00	42.39 1.56 0.00	42.20 1.45 -3.38	29.88 0.98 -1.61
FULTON COGEN____ 23766	40.90 -1.30 0.00	35.95 -1.02 0.00	26.36 -0.72 0.00	26.40 -0.70 0.00	29.43 -0.80 0.00	30.94 -0.81 0.00	25.76 -0.72 0.00	23.83 -0.72 0.00	25.00 -0.79 0.00	29.28 -0.99 0.00	31.52 -1.01 0.00	34.47 -1.08 0.00	30.18 -0.98 0.00	28.13 -0.92 0.00	22.14 -0.74 0.00	23.66 -0.80 0.00	25.63 -0.85 0.00	40.96 -1.36 0.00	46.23 -1.38 0.00	42.99 -1.14 0.00	44.38 -1.17 0.00	39.75 -1.07 0.00	36.40 -0.97 0.00	26.60 -0.68 0.00
FULTON___LFGE 323630	43.71 1.51 0.00	38.25 1.29 0.00	28.00 0.92 0.00	29.67 0.92 -1.66	31.27 1.04 0.00	32.89 1.13 0.00	27.45 0.97 0.00	25.36 0.81 0.00	26.47 0.64 -0.05	30.69 0.41 0.00	32.85 0.26 -0.06	35.93 0.15 -0.23	31.21 0.06 0.00	29.32 -0.16 -0.44	22.80 -0.08 0.00	24.32 -0.14 0.00	26.30 -0.18 0.00	43.79 0.56 -0.90	48.84 1.22 0.00	46.00 1.87 0.00	47.52 1.97 0.00	42.49 1.67 0.00	36.86 1.46 1.98	27.36 1.02 0.94
G.F.CEMENT___DRP 24184	43.96 1.76 0.00	38.53 1.57 0.00	28.33 1.24 0.00	31.62 1.37 -3.15	31.69 1.46 0.00	33.31 1.55 0.00	27.77 1.29 0.00	25.68 1.13 0.00	27.18 1.31 -0.09	31.76 1.49 0.00	33.97 1.32 -0.12	37.29 1.30 -0.44	32.22 1.07 0.00	30.97 1.09 -0.84	23.76 0.89 0.00	25.60 1.13 0.00	27.74 1.26 0.00	46.09 2.12 -1.65	50.14 2.52 0.00	46.47 2.34 0.00	47.88 2.34 0.00	42.76 1.93 0.00	36.03 1.74 3.09	27.06 1.26 1.47
GARDENVILLE___LBMP 24039	39.78 -2.43 0.00	34.60 -2.37 0.00	25.39 -1.69 0.00	25.49 -1.61 0.00	28.57 -1.66 0.00	30.09 -1.67 0.00	24.95 -1.53 0.00	23.10 -1.44 0.00	24.26 -1.53 0.00	28.43 -1.85 0.00	30.46 -2.07 0.00	33.42 -2.13 0.00	29.15 -2.01 0.00	27.31 -1.73 0.00	21.48 -1.40 0.00	22.96 -1.51 0.00	24.79 -1.68 0.00	39.36 -2.96 0.00	44.02 -3.60 0.00	41.36 -2.77 0.00	43.17 -2.38 0.00	38.85 -1.98 0.00	35.56 -1.82 0.00	26.29 -0.99 0.00
GARDNVLA_35_KV_LD 355827	39.86 -2.34 0.00	34.67 -2.29 0.00	25.45 -1.64 0.00	25.54 -1.55 0.00	28.63 -1.60 0.00	30.15 -1.61 0.00	25.00 -1.48 0.00	23.15 -1.40 0.00	24.31 -1.47 0.00	28.51 -1.77 0.00	30.54 -1.98 0.00	33.51 -2.04 0.00	29.24 -1.91 0.00	27.40 -1.64 0.00	21.54 -1.34 0.00	23.02 -1.44 0.00	24.87 -1.61 0.00	39.50 -2.83 0.00	44.16 -3.46 0.00	41.50 -2.63 0.00	43.34 -2.21 0.00	38.99 -1.84 0.00	35.68 -1.70 0.00	26.37 -0.91 0.00
GELCKHM___115KV_LOAD 80723	41.16 -1.04 0.00	36.15 -0.81 0.00	26.51 -0.58 0.00	26.54 -0.56 0.00	29.59 -0.64 0.00	31.10 -0.65 0.00	25.90 -0.58 0.00	23.97 -0.57 0.00	25.14 -0.64 0.00	29.46 -0.82 0.00	31.68 -0.85 0.00	34.69 -0.86 0.00	30.41 -0.75 0.00	28.33 -0.72 0.00	22.31 -0.57 0.00	23.83 -0.63 0.00	25.83 -0.65 0.00	41.30 -1.03 0.00	46.56 -1.06 0.00	43.23 -0.90 0.00	44.63 -0.92 0.00	39.98 -0.85 0.00	36.61 -0.77 0.00	26.76 -0.53 0.00
GENERAL___MILLS 23808	39.82 -2.38 0.00	34.64 -2.33 0.00	25.42 -1.66 0.00	25.51 -1.58 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.98 -1.50 0.00	23.13 -1.42 0.00	24.29 -1.50 0.00	28.47 -1.81 0.00	30.50 -2.02 0.00	33.47 -2.08 0.00	29.19 -1.96 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.83 -1.65 0.00	39.42 -2.90 0.00	44.09 -3.53 0.00	41.43 -2.70 0.00	43.26 -2.29 0.00	38.92 -1.90 0.00	35.63 -1.75 0.00	26.34 -0.94 0.00
GE_PLASTICS___DRP 24183	42.71 0.51 0.00	37.44 0.48 0.00	27.55 0.46 0.00	21.99 0.49 5.59	30.69 0.46 0.00	32.21 0.45 0.00	26.86 0.38 0.00	24.94 0.40 0.00	26.09 0.45 0.15	30.87 0.60 0.00	32.97 0.65 0.20	35.41 0.64 0.78	31.73 0.58 0.00	28.14 0.59 1.49	23.43 0.56 0.00	25.10 0.64 0.00	27.13 0.66 0.00	40.16 0.90 3.06	48.46 0.85 0.00	44.75 0.62 0.00	46.10 0.55 0.00	41.24 0.42 0.00	35.96 0.37 1.80	26.71 0.29 0.86
GILBOA___1 23756	42.77 0.57 0.00	37.51 0.55 0.00	27.60 0.51 0.00	27.61 0.52 0.00	30.77 0.54 0.00	32.28 0.52 0.00	26.94 0.46 0.00	24.95 0.40 0.00	26.22 0.43 0.00	30.83 0.56 0.00	33.16 0.64 0.00	36.28 0.73 0.00	31.81 0.65 0.00	29.68 0.64 0.00	23.42 0.55 0.00	25.06 0.60 0.00	27.09 0.61 0.00	43.18 0.86 0.00	48.35 0.74 0.00	44.66 0.53 0.00	46.06 0.51 0.00	41.31 0.49 0.00	37.82 0.45 0.00	27.59 0.30 0.00
GILBOA___2 23757	42.77 0.57 0.00	37.51 0.55 0.00	27.60 0.51 0.00	27.61 0.52 0.00	30.77 0.54 0.00	32.28 0.52 0.00	26.94 0.46 0.00	24.95 0.40 0.00	26.22 0.43 0.00	30.83 0.56 0.00	33.16 0.64 0.00	36.28 0.73 0.00	31.81 0.65 0.00	29.68 0.64 0.00	23.42 0.55 0.00	25.06 0.60 0.00	27.09 0.61 0.00	43.18 0.86 0.00	48.35 0.74 0.00	44.66 0.53 0.00	46.06 0.51 0.00	41.31 0.49 0.00	37.82 0.45 0.00	27.59 0.30 0.00
GILBOA___3 23758	42.77 0.57 0.00	37.51 0.55 0.00	27.60 0.51 0.00	27.61 0.52 0.00	30.77 0.54 0.00	32.28 0.52 0.00	26.94 0.46 0.00	24.95 0.40 0.00	26.22 0.43 0.00	30.83 0.56 0.00	33.16 0.64 0.00	36.28 0.73 0.00	31.81 0.65 0.00	29.68 0.64 0.00	23.42 0.55 0.00	25.06 0.60 0.00	27.09 0.61 0.00	43.18 0.86 0.00	48.35 0.74 0.00	44.66 0.53 0.00	46.06 0.51 0.00	41.31 0.49 0.00	37.82 0.45 0.00	27.59 0.30 0.00
GILBOA___4 23759	42.77 0.57 0.00	37.51 0.55 0.00	27.60 0.51 0.00	27.61 0.52 0.00	30.77 0.54 0.00	32.28 0.52 0.00	26.94 0.46 0.00	24.95 0.40 0.00	26.22 0.43 0.00	30.83 0.56 0.00	33.16 0.64 0.00	36.28 0.73 0.00	31.81 0.65 0.00	29.68 0.64 0.00	23.42 0.55 0.00	25.06 0.60 0.00	27.09 0.61 0.00	43.18 0.86 0.00	48.35 0.74 0.00	44.66 0.53 0.00	46.06 0.51 0.00	41.31 0.49 0.00	37.82 0.45 0.00	27.59 0.30 0.00

GILBOA____ 23599	42.77 0.57 0.00	37.51 0.55 0.00	27.60 0.51 0.00	27.62 0.52 0.00	30.77 0.54 0.00	32.28 0.53 0.00	26.94 0.46 0.00	24.95 0.40 0.00	26.22 0.43 0.00	30.83 0.56 0.00	33.16 0.64 0.00	36.28 0.73 0.00	31.80 0.65 0.00	29.68 0.64 0.00	23.42 0.55 0.00	25.06 0.60 0.00	27.09 0.61 0.00	43.18 0.86 0.00	48.35 0.74 0.00	44.66 0.53 0.00	46.06 0.51 0.00	41.31 0.49 0.00	37.82 0.44 0.00	27.59 0.30 0.00
GINNA____ 23603	39.12 -3.08 0.00	34.21 -2.76 0.00	25.11 -1.97 0.00	25.14 -1.96 0.00	28.09 -2.15 0.00	29.56 -2.20 0.00	24.58 -1.90 0.00	22.78 -1.77 0.00	23.89 -1.89 0.00	27.96 -2.32 0.00	30.03 -2.50 0.00	32.88 -2.67 0.00	28.79 -2.37 0.00	26.90 -2.14 0.00	21.17 -1.71 0.00	22.62 -1.85 0.00	24.54 -1.93 0.00	39.31 -3.01 0.00	44.28 -3.33 0.00	41.30 -2.84 0.00	42.74 -2.81 0.00	38.29 -2.54 0.00	34.97 -2.40 0.00	25.63 -1.66 0.00
GLEN PARK____ 23778	42.74 0.54 0.00	37.33 0.37 0.00	27.24 0.15 0.00	27.27 0.17 0.00	30.59 0.35 0.00	32.54 0.78 0.00	27.01 0.53 0.00	24.73 0.18 0.00	25.98 0.19 0.00	30.58 0.31 0.00	32.76 0.24 0.00	35.23 -0.32 0.00	30.52 -0.64 0.00	27.78 -1.27 0.00	21.61 -1.27 0.00	23.08 -1.38 0.00	25.19 -1.29 0.00	40.74 -1.58 0.00	47.64 0.02 0.00	45.57 1.43 0.00	46.80 1.25 0.00	42.07 1.25 0.00	38.39 1.01 0.00	28.06 0.78 0.00
GLENDALE_27_KV_LOAD 356172	44.10 1.90 0.00	38.55 1.59 0.00	28.28 1.19 0.00	28.43 1.05 -0.29	31.28 1.05 0.00	32.78 1.03 0.00	27.45 0.97 0.00	25.63 1.08 0.00	26.94 1.14 -0.01	31.81 1.53 0.00	34.36 1.83 -0.01	37.72 2.13 -0.04	33.12 1.96 0.00	30.99 1.87 -0.08	24.49 1.62 0.00	26.17 1.71 0.00	28.20 1.71 0.00	44.73 2.41 0.00	49.98 2.37 0.00	46.00 1.87 0.00	47.36 1.81 0.00	42.48 1.65 0.00	42.30 1.54 -3.38	29.92 1.02 -1.61
GLENWOOD_IC_1_G5 23712	43.98 1.78 0.00	38.42 1.46 0.00	28.17 1.08 0.00	28.36 0.97 -0.29	31.21 0.98 0.00	32.67 0.91 0.00	27.27 0.79 0.00	25.49 0.94 0.00	26.87 1.08 -0.01	31.74 1.46 0.00	34.41 1.87 -0.01	37.77 2.18 -0.04	33.13 1.98 0.00	31.03 1.92 -0.08	24.51 1.64 0.00	26.14 1.68 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.80 2.19 0.00	45.98 1.85 0.00	47.32 1.77 0.00	42.41 1.59 0.00	42.28 1.51 -3.38	29.87 0.98 -1.61
GLENWOOD_IC_2_G1 23688	43.82 1.62 0.00	38.28 1.32 0.00	28.08 0.99 0.00	28.28 0.90 -0.29	31.13 0.90 0.00	32.59 0.83 0.00	27.23 0.75 0.00	25.42 0.87 0.00	26.79 1.00 -0.01	31.63 1.36 0.00	34.24 1.71 -0.01	37.59 2.00 -0.04	32.97 1.81 0.00	30.87 1.76 -0.08	24.38 1.51 0.00	26.03 1.56 0.00	28.02 1.55 0.00	44.48 2.16 0.00	49.66 2.05 0.00	45.82 1.69 0.00	47.17 1.62 0.00	42.27 1.44 0.00	42.13 1.37 -3.38	29.78 0.88 -1.61
GLENWOOD_IC_3_G1 23689	43.82 1.62 0.00	38.28 1.32 0.00	28.08 0.99 0.00	28.28 0.90 -0.29	31.13 0.90 0.00	32.59 0.83 0.00	27.23 0.75 0.00	25.42 0.87 0.00	26.79 1.00 -0.01	31.63 1.36 0.00	34.24 1.71 -0.01	37.59 2.00 -0.04	32.97 1.81 0.00	30.87 1.76 -0.08	24.38 1.51 0.00	26.03 1.56 0.00	28.02 1.55 0.00	44.48 2.16 0.00	49.66 2.05 0.00	45.82 1.69 0.00	47.17 1.62 0.00	42.27 1.44 0.00	42.13 1.37 -3.38	29.78 0.88 -1.61
GLENWOOD____4 23550	43.98 1.78 0.00	38.42 1.46 0.00	28.17 1.08 0.00	28.36 0.97 -0.29	31.21 0.98 0.00	32.67 0.91 0.00	27.27 0.79 0.00	25.49 0.94 0.00	26.87 1.08 -0.01	31.74 1.46 0.00	34.41 1.87 -0.01	37.77 2.18 -0.04	33.13 1.98 0.00	31.03 1.92 -0.08	24.51 1.64 0.00	26.14 1.68 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.80 2.19 0.00	45.98 1.85 0.00	47.32 1.77 0.00	42.41 1.59 0.00	42.28 1.51 -3.38	29.87 0.98 -1.61
GLENWOOD____5 23614	43.98 1.78 0.00	38.42 1.46 0.00	28.17 1.08 0.00	28.36 0.97 -0.29	31.21 0.98 0.00	32.67 0.91 0.00	27.27 0.79 0.00	25.49 0.94 0.00	26.87 1.08 -0.01	31.74 1.46 0.00	34.41 1.87 -0.01	37.77 2.18 -0.04	33.13 1.98 0.00	31.03 1.92 -0.08	24.51 1.64 0.00	26.14 1.68 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.80 2.19 0.00	45.98 1.85 0.00	47.32 1.77 0.00	42.41 1.59 0.00	42.28 1.51 -3.38	29.87 0.98 -1.61
GLOBAL GREEN_PORT_GT1 23814	43.76 1.56 0.00	38.38 1.42 0.00	28.40 1.32 0.00	28.73 1.35 -0.29	31.59 1.36 0.00	32.92 1.16 0.00	27.20 0.72 0.00	25.37 0.82 0.00	26.89 1.10 -0.01	31.85 1.57 0.00	34.75 2.21 -0.01	38.16 2.57 -0.04	33.85 2.70 0.00	31.77 2.65 -0.08	25.30 2.42 0.00	26.99 2.53 0.00	29.02 2.54 0.00	45.85 3.53 0.00	50.94 3.33 0.00	47.23 3.10 0.00	48.58 3.03 0.00	43.40 2.58 0.00	43.04 2.29 -3.38	30.31 1.42 -1.61
GLOBE____DSASP 323697	38.80 -3.40 0.00	33.75 -3.22 0.00	24.94 -2.14 0.00	25.02 -2.08 0.00	28.08 -2.15 0.00	29.57 -2.18 0.00	24.50 -1.98 0.00	22.56 -1.99 0.00	23.70 -2.09 0.00	27.82 -2.46 0.00	29.85 -2.67 0.00	32.74 -2.81 0.00	28.57 -2.59 0.00	26.78 -2.26 0.00	21.01 -1.87 0.00	22.44 -2.03 0.00	24.20 -2.28 0.00	38.40 -3.92 0.00	42.83 -4.79 0.00	40.27 -3.86 0.00	42.04 -3.51 0.00	37.96 -2.87 0.00	34.72 -2.66 0.00	25.91 -1.38 0.00
GOETHSLN____LBMP 323567	43.69 1.48 0.00	38.19 1.23 0.00	28.01 0.92 0.00	28.19 0.82 -0.29	31.05 0.82 0.00	32.53 0.77 0.00	27.21 0.73 0.00	25.41 0.86 0.00	26.73 0.93 -0.01	31.56 1.28 0.00	34.08 1.54 -0.01	37.41 1.82 -0.04	32.83 1.68 0.00	30.74 1.62 -0.08	24.30 1.42 0.00	25.96 1.50 0.00	28.00 1.52 0.00	44.42 2.10 0.00	49.59 1.97 0.00	45.66 1.53 0.00	47.02 1.47 0.00	42.13 1.31 0.00	41.97 1.21 -3.38	29.68 0.79 -1.61
GOLAH____69_KV_TB 1_2 80279	40.98 -1.22 0.00	35.75 -1.21 0.00	26.26 -0.83 0.00	26.30 -0.79 0.00	29.41 -0.82 0.00	30.95 -0.80 0.00	25.72 -0.76 0.00	23.83 -0.72 0.00	25.00 -0.78 0.00	29.22 -1.06 0.00	31.30 -1.23 0.00	34.30 -1.25 0.00	29.98 -1.18 0.00	28.05 -0.99 0.00	22.05 -0.83 0.00	23.60 -0.87 0.00	25.54 -0.94 0.00	40.85 -1.48 0.00	46.02 -1.60 0.00	43.14 -0.99 0.00	44.77 -0.78 0.00	40.16 -0.67 0.00	36.67 -0.71 0.00	26.94 -0.35 0.00
GOODYEAR_LAKE_HYD 323669	42.93 0.73 0.00	37.61 0.65 0.00	27.54 0.46 0.00	28.00 0.45 -0.45	30.74 0.51 0.00	32.30 0.54 0.00	26.98 0.50 0.00	24.99 0.44 0.00	26.18 0.38 -0.01	30.65 0.37 0.00	32.96 0.42 -0.02	36.18 0.56 -0.06	31.66 0.50 0.00	29.58 0.42 -0.12	23.23 0.35 0.00	24.77 0.31 0.00	26.79 0.32 0.00	43.22 0.65 -0.24	48.47 0.86 0.00	45.08 0.95 0.00	46.58 1.03 0.00	41.71 0.89 0.00	38.16 0.78 0.00	27.80 0.52 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.56 -0.64 0.00	36.46 -0.50 0.00	26.65 -0.43 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.34 0.00	24.23 -0.31 0.00	25.40 -0.39 0.00	29.72 -0.56 0.00	31.89 -0.64 0.00	34.97 -0.58 0.00	30.62 -0.54 0.00	28.55 -0.49 0.00	22.57 -0.31 0.00	24.08 -0.38 0.00	26.11 -0.37 0.00	41.66 -0.66 0.00	46.88 -0.74 0.00	43.56 -0.57 0.00	45.12 -0.43 0.00	40.41 -0.42 0.00	37.06 -0.31 0.00	27.01 -0.27 0.00

GOUDEY___7 23579	41.56 -0.64 0.00	36.46 -0.50 0.00	26.65 -0.43 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.34 0.00	24.23 -0.31 0.00	25.40 -0.39 0.00	29.72 -0.56 0.00	31.89 -0.64 0.00	34.97 -0.58 0.00	30.62 -0.54 0.00	28.55 -0.49 0.00	22.57 -0.31 0.00	24.08 -0.38 0.00	26.11 -0.37 0.00	41.66 -0.66 0.00	46.88 -0.74 0.00	43.56 -0.57 0.00	45.12 -0.43 0.00	40.41 -0.42 0.00	37.06 -0.31 0.00	27.01 -0.27 0.00
GOUDEY___8 23580	41.56 -0.64 0.00	36.46 -0.50 0.00	26.65 -0.43 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.34 0.00	24.23 -0.31 0.00	25.40 -0.39 0.00	29.72 -0.56 0.00	31.89 -0.64 0.00	34.97 -0.58 0.00	30.62 -0.54 0.00	28.55 -0.49 0.00	22.57 -0.31 0.00	24.08 -0.38 0.00	26.11 -0.37 0.00	41.66 -0.66 0.00	46.88 -0.74 0.00	43.56 -0.57 0.00	45.12 -0.43 0.00	40.41 -0.42 0.00	37.06 -0.31 0.00	27.01 -0.27 0.00
GOWANUS_GT1_1 24077	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_2 24078	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_3 24079	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_4 24080	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_5 24084	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_6 24111	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_7 24112	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT1_8 24113	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_1 24114	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_2 24115	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_3 24116	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_4 24117	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_5 24118	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61

GOWANUS_GT2_6 24119	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_7 24120	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT2_8 24121	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_1 24122	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_2 24123	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_3 24124	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_4 24125	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_5 24126	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_6 24127	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_7 24128	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT3_8 24129	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_1 24130	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_2 24131	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_3 24132	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_4 24133	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61

GOWANUS_GT4_5 24134	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_6 24135	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_7 24136	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GOWANUS_GT4_8 24137	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GREATVRV_69_KV_BK1 356245	44.24 2.03 0.00	38.57 1.61 0.00	28.26 1.17 0.00	28.38 1.00 -0.29	31.20 0.97 0.00	32.58 0.82 0.00	27.15 0.66 0.00	25.45 0.91 0.00	26.93 1.14 -0.01	31.93 1.66 0.00	34.92 2.38 -0.01	38.35 2.76 -0.04	33.72 2.56 0.00	31.58 2.46 -0.08	25.00 2.13 0.00	26.55 2.08 0.00	28.47 1.99 0.00	44.97 2.65 0.00	50.13 2.51 0.00	46.44 2.31 0.00	47.79 2.24 0.00	42.85 2.02 0.00	42.66 1.90 -3.38	30.09 1.19 -1.61
GREENBSH_115KV_TB3 55895	42.58 0.38 0.00	37.34 0.38 0.00	27.50 0.42 0.00	17.98 0.45 9.57	30.64 0.41 0.00	32.15 0.40 0.00	26.81 0.33 0.00	24.91 0.36 0.00	25.95 0.42 0.26	30.83 0.56 0.00	32.78 0.61 0.35	34.78 0.57 1.34	31.68 0.52 0.00	27.03 0.54 2.55	23.42 0.54 0.00	25.10 0.64 0.00	27.15 0.67 0.00	37.82 0.87 5.37	48.41 0.80 0.00	44.66 0.53 0.00	46.01 0.46 0.00	41.13 0.30 0.00	35.15 0.26 2.49	26.32 0.23 1.19
GREENDGE_115KV_TB5 80291	40.99 -1.21 0.00	36.05 -0.91 0.00	26.37 -0.72 0.00	26.49 -0.61 0.00	29.53 -0.70 0.00	31.07 -0.68 0.00	25.87 -0.61 0.00	24.00 -0.55 0.00	25.13 -0.66 0.00	29.23 -1.05 0.00	31.10 -1.42 0.00	34.12 -1.43 0.00	29.85 -1.31 0.00	27.89 -1.15 0.00	22.02 -0.86 0.00	23.48 -0.98 0.00	25.51 -0.96 0.00	40.64 -1.69 0.00	45.96 -1.65 0.00	43.07 -1.06 0.00	44.66 -0.89 0.00	40.12 -0.71 0.00	36.77 -0.61 0.00	26.90 -0.39 0.00
GREENIDGE___3 23582	40.99 -1.21 0.00	36.05 -0.91 0.00	26.37 -0.72 0.00	26.49 -0.61 0.00	29.53 -0.70 0.00	31.07 -0.68 0.00	25.87 -0.61 0.00	24.00 -0.55 0.00	25.13 -0.66 0.00	29.23 -1.05 0.00	31.10 -1.42 0.00	34.12 -1.43 0.00	29.85 -1.31 0.00	27.89 -1.15 0.00	22.02 -0.86 0.00	23.48 -0.98 0.00	25.51 -0.96 0.00	40.64 -1.69 0.00	45.96 -1.65 0.00	43.07 -1.06 0.00	44.66 -0.89 0.00	40.12 -0.71 0.00	36.77 -0.61 0.00	26.90 -0.39 0.00
GREENIDGE___4 23583	40.99 -1.21 0.00	36.06 -0.91 0.00	26.37 -0.72 0.00	26.49 -0.61 0.00	29.53 -0.70 0.00	31.07 -0.68 0.00	25.87 -0.61 0.00	24.00 -0.55 0.00	25.13 -0.66 0.00	29.22 -1.05 0.00	31.11 -1.42 0.00	34.12 -1.43 0.00	29.85 -1.31 0.00	27.89 -1.15 0.00	22.02 -0.86 0.00	23.48 -0.98 0.00	25.51 -0.96 0.00	40.63 -1.69 0.00	45.96 -1.65 0.00	43.07 -1.06 0.00	44.67 -0.89 0.00	40.12 -0.71 0.00	36.77 -0.61 0.00	26.90 -0.39 0.00
GREENLWN_69_KV_BK 3 55738	43.88 1.68 0.00	38.29 1.33 0.00	28.06 0.97 0.00	28.20 0.82 -0.29	31.03 0.80 0.00	32.44 0.68 0.00	27.04 0.56 0.00	25.31 0.76 0.00	26.74 0.95 -0.01	31.59 1.31 0.00	34.37 1.83 -0.01	37.74 2.15 -0.04	33.11 1.95 0.00	31.01 1.90 -0.08	24.51 1.64 0.00	26.03 1.57 0.00	27.81 1.33 0.00	44.00 1.68 0.00	49.10 1.48 0.00	45.41 1.28 0.00	46.72 1.17 0.00	42.00 1.18 0.00	42.04 1.28 -3.38	29.70 0.81 -1.61
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
GRISSOM___SOLAR 323813	43.74 1.54 0.00	38.27 1.31 0.00	28.03 0.95 0.00	29.73 0.95 -1.69	31.30 1.06 0.00	32.90 1.14 0.00	27.47 0.98 0.00	25.39 0.85 0.00	26.52 0.68 -0.05	30.74 0.46 0.00	32.89 0.30 -0.06	35.97 0.18 -0.23	31.25 0.09 0.00	29.26 -0.23 -0.45	22.76 -0.12 0.00	24.27 -0.19 0.00	26.24 -0.24 0.00	43.81 0.57 -0.92	48.84 1.23 0.00	46.01 1.88 0.00	47.52 1.97 0.00	42.49 1.66 0.00	36.82 1.46 2.02	27.33 1.01 0.96
GROVEVILLE___HYD 323602	43.86 1.66 0.00	38.34 1.38 0.00	28.14 1.05 0.00	28.10 1.01 0.00	31.28 1.05 0.00	32.79 1.04 0.00	27.41 0.93 0.00	25.53 0.99 0.00	26.90 1.11 0.00	31.74 1.46 0.00	34.21 1.69 0.00	37.49 1.94 0.00	32.89 1.74 0.00	30.71 1.67 0.00	24.26 1.38 0.00	25.96 1.50 0.00	28.07 1.59 0.00	44.70 2.38 0.00	50.02 2.41 0.00	46.10 1.97 0.00	47.47 1.91 0.00	42.45 1.62 0.00	41.40 1.43 -2.60	29.46 0.94 -1.24
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.68 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.84 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	41.35 -0.86 0.00	36.31 -0.65 0.00	26.62 -0.47 0.00	26.64 -0.46 0.00	29.71 -0.52 0.00	31.24 -0.52 0.00	26.02 -0.46 0.00	24.08 -0.47 0.00	25.27 -0.51 0.00	29.59 -0.68 0.00	31.80 -0.72 0.00	34.85 -0.70 0.00	30.52 -0.64 0.00	28.46 -0.58 0.00	22.44 -0.44 0.00	23.92 -0.54 0.00	25.96 -0.52 0.00	41.53 -0.79 0.00	46.82 -0.79 0.00	43.53 -0.60 0.00	44.99 -0.56 0.00	40.32 -0.51 0.00	36.87 -0.51 0.00	26.96 -0.32 0.00

HAMPSHIRE___PAPER_HYD 323593	43.09 0.89 0.00	37.59 0.63 0.00	27.40 0.32 0.00	27.38 0.28 0.00	30.68 0.45 0.00	32.43 0.67 0.00	27.02 0.53 0.00	24.89 0.34 0.00	26.12 0.34 0.00	30.66 0.38 0.00	32.83 0.31 0.00	35.54 -0.01 0.00	31.12 -0.04 0.00	28.63 -0.41 0.00	22.36 -0.52 0.00	23.87 -0.59 0.00	25.94 -0.54 0.00	41.86 -0.46 0.00	48.11 0.49 0.00	45.27 1.14 0.00	46.65 1.10 0.00	41.90 1.08 0.00	38.30 0.92 0.00	27.97 0.69 0.00
HARDSCRABBLE_WT_PWR 323673	42.97 0.77 0.00	37.66 0.69 0.00	27.70 0.61 0.00	27.75 0.65 0.00	30.85 0.62 0.00	32.38 0.62 0.00	27.05 0.57 0.00	25.10 0.55 0.00	26.28 0.49 0.00	30.60 0.32 0.00	32.66 0.14 0.00	35.72 0.17 0.00	31.08 -0.08 0.00	28.87 -0.17 0.00	22.86 -0.01 0.00	24.52 0.06 0.00	26.56 0.09 0.00	42.80 0.48 0.00	48.32 0.70 0.00	45.02 0.89 0.00	46.42 0.87 0.00	41.46 0.63 0.00	37.98 0.60 0.00	27.70 0.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.61 1.41 0.00	38.14 1.18 0.00	27.96 0.88 0.00	27.93 0.83 0.00	31.10 0.86 0.00	32.61 0.85 0.00	27.27 0.79 0.00	25.40 0.85 0.00	26.72 0.94 0.00	31.53 1.26 0.00	34.01 1.48 0.00	37.29 1.74 0.00	32.71 1.56 0.00	30.53 1.49 0.00	24.13 1.25 0.00	25.84 1.38 0.00	27.90 1.42 0.00	44.46 2.14 0.00	49.73 2.12 0.00	45.82 1.69 0.00	47.22 1.67 0.00	42.24 1.41 0.00	41.24 1.25 -2.61	29.35 0.82 -1.25
HARSNRAD_115KV_TB1 81005	39.46 -2.74 0.00	34.27 -2.69 0.00	25.21 -1.87 0.00	25.29 -1.80 0.00	28.39 -1.85 0.00	29.87 -1.88 0.00	24.77 -1.72 0.00	22.91 -1.64 0.00	24.07 -1.72 0.00	28.20 -2.08 0.00	30.23 -2.29 0.00	33.15 -2.40 0.00	28.94 -2.22 0.00	27.10 -1.94 0.00	21.28 -1.59 0.00	22.75 -1.71 0.00	24.56 -1.92 0.00	38.93 -3.39 0.00	43.49 -4.13 0.00	40.94 -3.19 0.00	42.75 -2.80 0.00	38.55 -2.27 0.00	35.24 -2.14 0.00	26.19 -1.10 0.00
HARZA MOOSE___RIVER 24016	42.59 0.39 0.00	37.22 0.26 0.00	27.22 0.14 0.00	27.25 0.15 0.00	30.47 0.24 0.00	32.22 0.46 0.00	26.85 0.37 0.00	24.71 0.16 0.00	25.92 0.14 0.00	30.39 0.11 0.00	32.59 0.07 0.00	35.26 -0.29 0.00	31.05 -0.11 0.00	28.55 -0.49 0.00	22.33 -0.55 0.00	23.89 -0.58 0.00	25.98 -0.50 0.00	41.75 -0.57 0.00	47.96 0.35 0.00	45.02 0.89 0.00	46.27 0.72 0.00	41.43 0.61 0.00	37.92 0.54 0.00	27.76 0.48 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	41.15 -1.05 0.00	36.13 -0.83 0.00	26.50 -0.59 0.00	26.53 -0.56 0.00	29.58 -0.65 0.00	31.09 -0.66 0.00	25.89 -0.59 0.00	23.96 -0.59 0.00	25.13 -0.66 0.00	29.44 -0.84 0.00	31.65 -0.87 0.00	34.66 -0.89 0.00	30.41 -0.75 0.00	28.31 -0.73 0.00	22.32 -0.56 0.00	23.84 -0.62 0.00	25.82 -0.66 0.00	41.26 -1.07 0.00	46.50 -1.11 0.00	43.18 -0.95 0.00	44.59 -0.97 0.00	39.94 -0.89 0.00	36.60 -0.77 0.00	26.74 -0.54 0.00
HELLGATE_13_KV_LD 55870	44.20 2.00 0.00	38.64 1.68 0.00	28.35 1.27 0.00	28.48 1.11 -0.29	31.34 1.11 0.00	32.85 1.09 0.00	27.52 1.04 0.00	25.69 1.14 0.00	26.99 1.20 -0.01	31.86 1.58 0.00	34.43 1.89 -0.01	37.79 2.20 -0.04	33.18 2.02 0.00	31.05 1.93 -0.08	24.55 1.67 0.00	26.23 1.77 0.00	28.25 1.77 0.00	44.80 2.48 0.00	50.06 2.44 0.00	46.06 1.93 0.00	47.43 1.88 0.00	42.56 1.73 0.00	42.37 1.61 -3.38	29.97 1.08 -1.61
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.20 2.00 0.00	38.64 1.68 0.00	28.35 1.27 0.00	28.48 1.11 -0.29	31.34 1.11 0.00	32.85 1.09 0.00	27.52 1.04 0.00	25.69 1.14 0.00	26.99 1.20 -0.01	31.86 1.58 0.00	34.43 1.89 -0.01	37.79 2.20 -0.04	33.18 2.02 0.00	31.05 1.93 -0.08	24.55 1.67 0.00	26.23 1.77 0.00	28.25 1.77 0.00	44.80 2.48 0.00	50.06 2.44 0.00	46.06 1.93 0.00	47.43 1.88 0.00	42.56 1.73 0.00	42.37 1.61 -3.38	29.97 1.08 -1.61
HEMPSTEAD____ 23647	43.75 1.54 0.00	38.19 1.23 0.00	28.00 0.91 0.00	28.17 0.79 -0.29	31.00 0.77 0.00	32.43 0.67 0.00	27.06 0.57 0.00	25.30 0.75 0.00	26.70 0.91 -0.01	31.56 1.29 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.05 1.89 0.00	30.96 1.84 -0.08	24.46 1.58 0.00	26.04 1.58 0.00	27.95 1.48 0.00	44.31 1.99 0.00	49.44 1.82 0.00	45.69 1.55 0.00	47.02 1.48 0.00	42.17 1.35 0.00	42.10 1.34 -3.38	29.73 0.83 -1.61
HICKLING___1 23621	41.08 -1.13 0.00	36.00 -0.96 0.00	26.23 -0.85 0.00	26.43 -0.66 0.00	29.47 -0.76 0.00	31.02 -0.74 0.00	25.80 -0.68 0.00	23.94 -0.60 0.00	25.06 -0.72 0.00	29.14 -1.13 0.00	31.07 -1.46 0.00	34.15 -1.40 0.00	29.83 -1.33 0.00	27.88 -1.16 0.00	22.08 -0.80 0.00	23.56 -0.91 0.00	25.59 -0.89 0.00	40.78 -1.55 0.00	46.04 -1.57 0.00	43.05 -1.08 0.00	44.73 -0.82 0.00	40.07 -0.76 0.00	36.80 -0.58 0.00	26.80 -0.48 0.00
HICKLING___2 23622	41.08 -1.13 0.00	36.00 -0.96 0.00	26.23 -0.85 0.00	26.43 -0.66 0.00	29.47 -0.76 0.00	31.02 -0.74 0.00	25.80 -0.68 0.00	23.94 -0.60 0.00	25.06 -0.72 0.00	29.14 -1.13 0.00	31.07 -1.46 0.00	34.15 -1.40 0.00	29.83 -1.33 0.00	27.88 -1.16 0.00	22.08 -0.80 0.00	23.56 -0.91 0.00	25.59 -0.89 0.00	40.78 -1.55 0.00	46.04 -1.57 0.00	43.05 -1.08 0.00	44.73 -0.82 0.00	40.07 -0.76 0.00	36.80 -0.58 0.00	26.80 -0.48 0.00
HIGH FALLS___HY 23754	43.69 1.49 0.00	38.19 1.23 0.00	28.00 0.91 0.00	27.18 0.85 0.77	31.12 0.89 0.00	32.63 0.88 0.00	27.30 0.82 0.00	25.42 0.87 0.00	26.75 0.98 0.02	31.59 1.32 0.00	33.99 1.49 0.03	37.17 1.73 0.11	32.56 1.41 0.00	30.00 1.16 0.20	23.90 1.03 0.00	25.58 1.12 0.00	27.67 1.19 0.00	43.77 1.88 0.43	49.52 1.90 0.00	45.73 1.60 0.00	47.15 1.60 0.00	42.38 1.55 0.00	40.28 1.34 -1.55	28.87 0.85 -0.74
HIGH_RIVER___SOLAR 323847	43.32 1.12 0.00	37.93 0.97 0.00	27.83 0.74 0.00	29.63 0.75 -1.79	31.04 0.81 0.00	32.61 0.86 0.00	27.22 0.73 0.00	25.18 0.64 0.00	26.38 0.54 -0.05	30.58 0.31 0.00	32.72 0.13 -0.07	35.81 0.00 -0.25	31.21 0.05 0.00	29.57 0.05 -0.48	22.93 0.05 0.00	24.62 0.15 0.00	26.66 0.18 0.00	43.92 0.63 -0.97	48.73 1.11 0.00	45.45 1.32 0.00	46.90 1.35 0.00	41.96 1.14 0.00	36.22 1.01 2.17	26.97 0.72 1.04
HILLBURN___GT 23639	43.54 1.33 0.00	38.09 1.13 0.00	27.93 0.84 0.00	27.90 0.80 0.00	31.06 0.83 0.00	32.57 0.81 0.00	27.24 0.76 0.00	25.38 0.83 0.00	26.70 0.91 0.00	31.52 1.24 0.00	34.01 1.48 0.00	37.31 1.76 0.00	32.73 1.58 0.00	30.55 1.51 0.00	24.16 1.29 0.00	25.84 1.38 0.00	27.89 1.41 0.00	44.40 2.08 0.00	49.60 1.99 0.00	45.69 1.55 0.00	47.08 1.53 0.00	42.14 1.32 0.00	41.33 1.20 -2.76	29.38 0.78 -1.32
HILLSIDE_115KV_TB1 80332	40.52 -1.68 0.00	35.56 -1.40 0.00	25.89 -1.20 0.00	26.10 -0.99 0.00	29.13 -1.10 0.00	30.64 -1.11 0.00	25.51 -0.97 0.00	23.67 -0.88 0.00	24.78 -1.01 0.00	28.91 -1.37 0.00	30.90 -1.62 0.00	33.95 -1.60 0.00	29.66 -1.50 0.00	27.70 -1.34 0.00	21.97 -0.91 0.00	23.41 -1.05 0.00	25.43 -1.06 0.00	40.47 -1.85 0.00	45.52 -2.09 0.00	42.39 -1.74 0.00	44.08 -1.47 0.00	39.48 -1.34 0.00	36.31 -1.07 0.00	26.40 -0.88 0.00

HISHELDN_WT_PWR 323625	39.84 -2.36 0.00	34.70 -2.26 0.00	25.45 -1.64 0.00	25.56 -1.53 0.00	28.59 -1.64 0.00	30.12 -1.64 0.00	24.99 -1.49 0.00	23.14 -1.41 0.00	24.28 -1.51 0.00	28.30 -1.98 0.00	30.10 -2.42 0.00	33.06 -2.49 0.00	28.88 -2.28 0.00	27.07 -1.97 0.00	21.31 -1.56 0.00	22.80 -1.67 0.00	24.65 -1.83 0.00	39.12 -3.20 0.00	43.95 -3.66 0.00	41.41 -2.72 0.00	43.15 -2.40 0.00	38.79 -2.03 0.00	35.56 -1.82 0.00	26.26 -1.02 0.00
HOLTSVILLE_IC_1 23690	43.56 1.36 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.79 0.56 0.00	32.14 0.38 0.00	26.77 0.29 0.00	25.09 0.55 0.00	26.55 0.75 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.21 2.06 0.00	31.11 1.99 -0.08	24.65 1.78 0.00	26.18 1.72 0.00	28.07 1.59 0.00	44.32 2.00 0.00	49.35 1.73 0.00	45.73 1.59 0.00	47.04 1.49 0.00	42.18 1.35 0.00	42.08 1.32 -3.38	29.68 0.79 -1.61
HOLTSVILLE_IC_10 23699	43.73 1.53 0.00	38.15 1.19 0.00	27.96 0.87 0.00	28.09 0.71 -0.29	30.88 0.65 0.00	32.23 0.47 0.00	26.85 0.37 0.00	25.18 0.63 0.00	26.65 0.85 -0.01	31.59 1.32 0.00	34.53 2.00 -0.01	37.94 2.35 -0.04	33.36 2.20 0.00	31.25 2.13 -0.08	24.77 1.89 0.00	26.32 1.85 0.00	28.21 1.73 0.00	44.54 2.21 0.00	49.60 1.98 0.00	45.96 1.83 0.00	47.27 1.72 0.00	42.38 1.56 0.00	42.24 1.48 -3.38	29.78 0.89 -1.61
HOLTSVILLE_IC_2 23691	43.56 1.36 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.79 0.56 0.00	32.14 0.38 0.00	26.77 0.29 0.00	25.09 0.55 0.00	26.55 0.75 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.21 2.06 0.00	31.11 1.99 -0.08	24.65 1.78 0.00	26.18 1.72 0.00	28.07 1.59 0.00	44.32 2.00 0.00	49.35 1.73 0.00	45.73 1.59 0.00	47.04 1.49 0.00	42.18 1.35 0.00	42.08 1.32 -3.38	29.68 0.79 -1.61
HOLTSVILLE_IC_3 23692	43.56 1.36 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.79 0.56 0.00	32.14 0.38 0.00	26.77 0.29 0.00	25.09 0.55 0.00	26.55 0.75 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.21 2.06 0.00	31.11 1.99 -0.08	24.65 1.78 0.00	26.18 1.72 0.00	28.07 1.59 0.00	44.32 2.00 0.00	49.35 1.73 0.00	45.73 1.59 0.00	47.04 1.49 0.00	42.18 1.35 0.00	42.08 1.32 -3.38	29.68 0.79 -1.61
HOLTSVILLE_IC_4 23693	43.56 1.36 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.79 0.56 0.00	32.14 0.38 0.00	26.77 0.29 0.00	25.09 0.55 0.00	26.55 0.75 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.21 2.06 0.00	31.11 1.99 -0.08	24.65 1.78 0.00	26.18 1.72 0.00	28.07 1.59 0.00	44.32 2.00 0.00	49.35 1.73 0.00	45.73 1.59 0.00	47.04 1.49 0.00	42.18 1.35 0.00	42.08 1.32 -3.38	29.68 0.79 -1.61
HOLTSVILLE_IC_5 23694	43.56 1.36 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.79 0.56 0.00	32.14 0.38 0.00	26.77 0.29 0.00	25.09 0.55 0.00	26.55 0.75 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.21 2.06 0.00	31.11 1.99 -0.08	24.65 1.78 0.00	26.18 1.72 0.00	28.07 1.59 0.00	44.32 2.00 0.00	49.35 1.73 0.00	45.73 1.59 0.00	47.04 1.49 0.00	42.18 1.35 0.00	42.08 1.32 -3.38	29.68 0.79 -1.61
HOLTSVILLE_IC_6 23695	43.73 1.53 0.00	38.15 1.19 0.00	27.96 0.87 0.00	28.09 0.71 -0.29	30.88 0.65 0.00	32.23 0.47 0.00	26.85 0.37 0.00	25.18 0.63 0.00	26.65 0.85 -0.01	31.59 1.32 0.00	34.53 2.00 -0.01	37.94 2.35 -0.04	33.36 2.20 0.00	31.25 2.13 -0.08	24.77 1.89 0.00	26.32 1.85 0.00	28.21 1.73 0.00	44.54 2.21 0.00	49.60 1.98 0.00	45.96 1.83 0.00	47.27 1.72 0.00	42.38 1.56 0.00	42.24 1.48 -3.38	29.78 0.89 -1.61
HOLTSVILLE_IC_7 23696	43.73 1.53 0.00	38.15 1.19 0.00	27.96 0.87 0.00	28.09 0.71 -0.29	30.88 0.65 0.00	32.23 0.47 0.00	26.85 0.37 0.00	25.18 0.63 0.00	26.65 0.85 -0.01	31.59 1.32 0.00	34.53 2.00 -0.01	37.94 2.35 -0.04	33.36 2.20 0.00	31.25 2.13 -0.08	24.77 1.89 0.00	26.32 1.85 0.00	28.21 1.73 0.00	44.54 2.21 0.00	49.60 1.98 0.00	45.96 1.83 0.00	47.27 1.72 0.00	42.38 1.56 0.00	42.24 1.48 -3.38	29.78 0.89 -1.61
HOLTSVILLE_IC_8 23697	43.73 1.53 0.00	38.15 1.19 0.00	27.96 0.87 0.00	28.09 0.71 -0.29	30.88 0.65 0.00	32.23 0.47 0.00	26.85 0.37 0.00	25.18 0.63 0.00	26.65 0.85 -0.01	31.59 1.32 0.00	34.53 2.00 -0.01	37.94 2.35 -0.04	33.36 2.20 0.00	31.25 2.13 -0.08	24.77 1.89 0.00	26.32 1.85 0.00	28.21 1.73 0.00	44.54 2.21 0.00	49.60 1.98 0.00	45.96 1.83 0.00	47.27 1.72 0.00	42.38 1.56 0.00	42.24 1.48 -3.38	29.78 0.89 -1.61
HOLTSVILLE_IC_9 23698	43.73 1.53 0.00	38.15 1.19 0.00	27.96 0.87 0.00	28.09 0.71 -0.29	30.88 0.65 0.00	32.23 0.47 0.00	26.85 0.37 0.00	25.18 0.63 0.00	26.65 0.85 -0.01	31.59 1.32 0.00	34.53 2.00 -0.01	37.94 2.35 -0.04	33.36 2.20 0.00	31.25 2.13 -0.08	24.77 1.89 0.00	26.32 1.85 0.00	28.21 1.73 0.00	44.54 2.21 0.00	49.60 1.98 0.00	45.96 1.83 0.00	47.27 1.72 0.00	42.38 1.56 0.00	42.24 1.48 -3.38	29.78 0.89 -1.61
HOMER_HL_115KV_TB2 355744	39.97 -2.24 0.00	34.86 -2.10 0.00	25.48 -1.60 0.00	25.64 -1.45 0.00	28.76 -1.47 0.00	30.32 -1.44 0.00	25.14 -1.34 0.00	23.39 -1.16 0.00	24.52 -1.27 0.00	28.73 -1.54 0.00	30.74 -1.79 0.00	33.79 -1.76 0.00	29.37 -1.79 0.00	27.45 -1.59 0.00	21.68 -1.20 0.00	23.22 -1.25 0.00	25.05 -1.43 0.00	39.84 -2.48 0.00	44.53 -3.08 0.00	41.72 -2.40 0.00	43.55 -2.00 0.00	39.00 -1.82 0.00	35.76 -1.61 0.00	26.29 -0.99 0.00
HOWARD_WT_PWR 323690	40.65 -1.56 0.00	35.48 -1.48 0.00	25.76 -1.33 0.00	25.92 -1.17 0.00	28.79 -1.44 0.00	30.28 -1.48 0.00	25.10 -1.39 0.00	23.50 -1.05 0.00	24.69 -1.10 0.00	28.56 -1.72 0.00	30.03 -2.50 0.00	32.97 -2.58 0.00	28.75 -2.41 0.00	26.91 -2.13 0.00	21.24 -1.64 0.00	22.74 -1.72 0.00	24.78 -1.70 0.00	39.46 -2.87 0.00	44.75 -2.86 0.00	42.16 -1.97 0.00	43.82 -1.73 0.00	39.34 -1.49 0.00	35.98 -1.40 0.00	26.30 -0.98 0.00
HQ_GEN_CEDARS 23644	43.50 1.30 0.00	37.96 0.99 0.00	27.64 0.55 0.00	27.59 0.50 0.00	30.88 0.65 0.00	32.48 0.72 0.00	27.07 0.60 0.00	25.08 0.54 0.00	26.33 0.55 0.00	30.92 0.64 0.00	33.13 0.60 0.00	36.15 0.60 0.00	31.64 0.48 0.00	29.44 0.40 0.00	23.09 0.21 0.00	24.64 0.18 0.00	26.68 0.21 0.00	42.88 0.56 0.00	48.50 0.89 0.00	45.15 1.02 0.00	46.71 1.16 0.00	42.00 1.17 0.00	38.42 1.04 0.00	27.99 0.71 0.00
HQ_GEN_CEDARS_PROXY 323590	43.50 1.30 0.00	37.96 1.00 0.00	27.63 0.55 0.00	27.38 0.50 0.21	30.89 0.65 0.00	32.48 0.72 0.00	26.02 0.59 1.06	25.08 0.54 0.00	26.34 0.55 0.00	30.92 0.64 0.00	32.46 0.60 0.67	36.15 0.60 0.00	31.64 0.48 0.00	29.44 0.40 0.00	23.09 0.21 0.00	24.64 0.18 0.00	26.68 0.21 0.00	42.88 0.56 0.00	48.50 0.89 0.00	45.15 1.02 0.00	46.71 1.16 0.00	42.00 1.17 0.00	38.42 1.04 0.00	27.99 0.71 0.00

HQ_GEN_IMPORT 323601	42.73 0.53 0.00	37.34 0.38 0.00	27.28 0.19 0.00	27.26 0.16 0.00	30.47 0.24 0.00	32.01 0.26 0.00	26.70 0.22 0.00	24.75 0.20 0.00	26.01 0.22 0.00	30.55 0.28 0.00	32.80 0.27 0.00	35.81 0.26 0.00	31.36 0.20 0.00	29.22 0.18 0.00	22.97 0.09 0.00	24.54 0.08 0.00	26.56 0.09 0.00	42.56 0.24 0.00	45.68 0.33 2.27	44.51 0.38 0.00	45.99 0.44 0.00	41.28 0.46 0.00	37.78 0.41 0.00	27.55 0.27 0.00
HQ_GEN_WHEEL 23651	42.73 0.53 0.00	37.34 0.38 0.00	27.28 0.19 0.00	27.26 0.16 0.00	30.47 0.24 0.00	32.01 0.26 0.00	26.70 0.22 0.00	24.75 0.20 0.00	26.01 0.22 0.00	30.55 0.28 0.00	32.80 0.27 0.00	35.81 0.26 0.00	31.36 0.20 0.00	29.22 0.18 0.00	22.97 0.09 0.00	24.54 0.08 0.00	26.56 0.09 0.00	42.56 0.24 0.00	45.68 0.33 2.27	44.51 0.38 0.00	45.99 0.44 0.00	41.28 0.46 0.00	37.78 0.41 0.00	27.55 0.27 0.00
HUDSON AVE_GT_3 23810	43.98 1.78 0.00	38.44 1.48 0.00	28.18 1.10 0.00	28.37 0.99 -0.29	31.23 1.00 0.00	32.72 0.96 0.00	27.36 0.88 0.00	25.55 1.00 0.00	26.89 1.09 -0.01	31.73 1.46 0.00	34.28 1.74 -0.01	37.63 2.04 -0.04	33.03 1.87 0.00	30.91 1.80 -0.08	24.44 1.56 0.00	26.11 1.64 0.00	28.16 1.68 0.00	44.69 2.36 0.00	49.88 2.27 0.00	45.95 1.82 0.00	47.31 1.76 0.00	42.38 1.55 0.00	42.20 1.44 -3.38	29.85 0.96 -1.61
HUDSON AVE_GT_4 23540	43.98 1.78 0.00	38.44 1.48 0.00	28.18 1.10 0.00	28.37 0.99 -0.29	31.23 1.00 0.00	32.72 0.96 0.00	27.36 0.88 0.00	25.55 1.00 0.00	26.89 1.09 -0.01	31.73 1.46 0.00	34.28 1.74 -0.01	37.63 2.04 -0.04	33.03 1.87 0.00	30.91 1.80 -0.08	24.44 1.56 0.00	26.11 1.64 0.00	28.16 1.68 0.00	44.69 2.36 0.00	49.88 2.27 0.00	45.95 1.82 0.00	47.31 1.76 0.00	42.38 1.55 0.00	42.20 1.44 -3.38	29.85 0.96 -1.61
HUDSON AVE_GT_5 23657	43.98 1.78 0.00	38.44 1.48 0.00	28.18 1.10 0.00	28.37 0.99 -0.29	31.23 1.00 0.00	32.72 0.96 0.00	27.36 0.88 0.00	25.55 1.00 0.00	26.89 1.09 -0.01	31.73 1.46 0.00	34.28 1.74 -0.01	37.63 2.04 -0.04	33.03 1.87 0.00	30.91 1.80 -0.08	24.44 1.56 0.00	26.11 1.64 0.00	28.16 1.68 0.00	44.69 2.36 0.00	49.88 2.27 0.00	45.95 1.82 0.00	47.31 1.76 0.00	42.38 1.55 0.00	42.20 1.44 -3.38	29.85 0.96 -1.61
HUDSON_AVE_10 24168	43.73 1.54 0.01	38.22 1.27 0.01	28.03 0.95 0.01	28.22 0.84 -0.28	31.06 0.83 0.01	32.54 0.79 0.01	27.21 0.74 0.00	25.42 0.87 0.00	26.73 0.95 0.00	31.56 1.29 0.00	34.09 1.56 0.00	37.41 1.83 -0.03	32.85 1.70 0.00	30.76 1.65 -0.08	24.33 1.46 0.00	25.97 1.51 0.00	28.01 1.53 0.00	44.44 2.12 0.00	49.60 2.00 0.01	45.68 1.56 0.01	47.02 1.49 0.02	42.13 1.31 0.02	41.99 1.24 -3.38	29.71 0.81 -1.61
HUDSON___115KV_TB 4 355613	43.31 1.11 0.00	37.96 0.99 0.00	27.92 0.83 0.00	21.27 0.90 6.72	31.13 0.89 0.00	32.67 0.92 0.00	27.25 0.77 0.00	25.33 0.78 0.00	26.46 0.85 0.18	31.30 1.02 0.00	33.29 1.01 0.25	35.43 0.81 0.94	31.87 0.71 0.00	27.98 0.73 1.79	23.58 0.71 0.00	25.27 0.81 0.00	27.39 0.91 0.00	40.12 1.54 3.74	49.23 1.61 0.00	45.63 1.50 0.00	47.03 1.48 0.00	41.97 1.15 0.00	36.66 0.98 1.70	27.18 0.71 0.81
HUNTER MOUNT___DRP 323613	43.42 1.22 0.00	38.05 1.09 0.00	28.00 0.91 0.00	22.87 0.98 5.21	31.22 0.98 0.00	32.78 1.02 0.00	27.34 0.86 0.00	25.41 0.87 0.00	26.60 0.96 0.14	31.39 1.12 0.00	33.42 1.09 0.19	35.67 0.85 0.73	31.91 0.75 0.00	28.45 0.80 1.39	23.63 0.76 0.00	25.32 0.86 0.00	27.47 0.99 0.00	41.07 1.63 2.88	49.40 1.79 0.00	45.84 1.71 0.00	47.23 1.68 0.00	42.13 1.31 0.00	37.39 1.10 1.09	27.56 0.79 0.52
HUNTINGTON_RES_REC 323705	43.82 1.62 0.00	38.23 1.27 0.00	28.00 0.92 0.00	28.13 0.75 -0.29	30.94 0.71 0.00	32.32 0.56 0.00	26.94 0.45 0.00	25.23 0.69 0.00	26.70 0.91 -0.01	31.60 1.33 0.00	34.48 1.94 -0.01	37.86 2.27 -0.04	33.24 2.08 0.00	31.13 2.02 -0.08	24.65 1.77 0.00	26.17 1.71 0.00	27.99 1.51 0.00	44.27 1.95 0.00	49.35 1.74 0.00	45.68 1.55 0.00	46.99 1.44 0.00	42.19 1.36 0.00	42.14 1.38 -3.38	29.74 0.84 -1.61
HUNTLEY___63 23557	39.69 -2.51 0.00	34.49 -2.47 0.00	25.39 -1.69 0.00	25.48 -1.62 0.00	28.58 -1.66 0.00	30.09 -1.67 0.00	24.94 -1.54 0.00	23.05 -1.50 0.00	24.21 -1.58 0.00	28.40 -1.88 0.00	30.45 -2.08 0.00	33.40 -2.15 0.00	29.15 -2.00 0.00	27.32 -1.72 0.00	21.46 -1.42 0.00	22.92 -1.54 0.00	24.75 -1.73 0.00	39.29 -3.03 0.00	43.88 -3.74 0.00	41.29 -2.84 0.00	43.09 -2.46 0.00	38.83 -1.99 0.00	35.50 -1.88 0.00	26.38 -0.90 0.00
HUNTLEY___64 23558	39.69 -2.51 0.00	34.49 -2.47 0.00	25.39 -1.69 0.00	25.48 -1.62 0.00	28.58 -1.66 0.00	30.09 -1.67 0.00	24.94 -1.54 0.00	23.05 -1.50 0.00	24.21 -1.58 0.00	28.40 -1.88 0.00	30.45 -2.08 0.00	33.40 -2.15 0.00	29.15 -2.00 0.00	27.32 -1.72 0.00	21.46 -1.42 0.00	22.92 -1.54 0.00	24.75 -1.73 0.00	39.29 -3.03 0.00	43.88 -3.74 0.00	41.29 -2.84 0.00	43.09 -2.46 0.00	38.83 -1.99 0.00	35.50 -1.88 0.00	26.38 -0.90 0.00
HUNTLEY___65 23559	39.69 -2.51 0.00	34.49 -2.47 0.00	25.39 -1.69 0.00	25.48 -1.62 0.00	28.58 -1.66 0.00	30.09 -1.67 0.00	24.94 -1.54 0.00	23.05 -1.50 0.00	24.21 -1.58 0.00	28.40 -1.88 0.00	30.45 -2.08 0.00	33.40 -2.15 0.00	29.15 -2.00 0.00	27.32 -1.72 0.00	21.46 -1.42 0.00	22.92 -1.54 0.00	24.75 -1.73 0.00	39.29 -3.03 0.00	43.88 -3.74 0.00	41.29 -2.84 0.00	43.09 -2.46 0.00	38.83 -1.99 0.00	35.50 -1.88 0.00	26.38 -0.90 0.00
HUNTLEY___66 23560	39.69 -2.51 0.00	34.49 -2.47 0.00	25.39 -1.69 0.00	25.48 -1.62 0.00	28.58 -1.66 0.00	30.09 -1.67 0.00	24.94 -1.54 0.00	23.05 -1.50 0.00	24.21 -1.58 0.00	28.40 -1.88 0.00	30.45 -2.08 0.00	33.40 -2.15 0.00	29.15 -2.00 0.00	27.32 -1.72 0.00	21.46 -1.42 0.00	22.92 -1.54 0.00	24.75 -1.73 0.00	39.29 -3.03 0.00	43.88 -3.74 0.00	41.29 -2.84 0.00	43.09 -2.46 0.00	38.83 -1.99 0.00	35.50 -1.88 0.00	26.38 -0.90 0.00
HUNTLEY___67 23561	39.47 -2.73 0.00	34.32 -2.65 0.00	25.23 -1.86 0.00	25.32 -1.77 0.00	28.39 -1.84 0.00	29.89 -1.86 0.00	24.78 -1.70 0.00	22.94 -1.61 0.00	24.10 -1.69 0.00	28.27 -2.01 0.00	30.31 -2.21 0.00	33.26 -2.30 0.00	29.01 -2.14 0.00	27.18 -1.86 0.00	21.35 -1.53 0.00	22.82 -1.64 0.00	24.63 -1.85 0.00	39.10 -3.23 0.00	43.66 -3.96 0.00	41.04 -3.10 0.00	42.84 -2.72 0.00	38.59 -2.23 0.00	35.30 -2.08 0.00	26.16 -1.12 0.00
HUNTLEY___68 23562	39.47 -2.73 0.00	34.32 -2.65 0.00	25.23 -1.86 0.00	25.32 -1.77 0.00	28.39 -1.84 0.00	29.89 -1.86 0.00	24.78 -1.70 0.00	22.94 -1.61 0.00	24.10 -1.69 0.00	28.27 -2.01 0.00	30.31 -2.21 0.00	33.26 -2.30 0.00	29.01 -2.14 0.00	27.18 -1.86 0.00	21.35 -1.53 0.00	22.82 -1.64 0.00	24.63 -1.85 0.00	39.10 -3.23 0.00	43.66 -3.96 0.00	41.04 -3.10 0.00	42.84 -2.72 0.00	38.59 -2.23 0.00	35.30 -2.08 0.00	26.16 -1.12 0.00

HYLAND___LFGE 323620	42.37 0.17 0.00	36.89 -0.07 0.00	27.00 -0.08 0.00	27.11 0.02 0.00	30.28 0.04 0.00	31.87 0.12 0.00	26.51 0.03 0.00	24.63 0.08 0.00	25.71 -0.07 0.00	29.45 -0.83 0.00	31.20 -1.33 0.00	34.30 -1.25 0.00	29.93 -1.22 0.00	27.98 -1.06 0.00	22.02 -0.86 0.00	23.60 -0.86 0.00	25.62 -0.85 0.00	40.89 -1.43 0.00	46.36 -1.25 0.00	44.57 0.44 0.00	46.52 0.97 0.00	41.64 0.81 0.00	37.96 0.58 0.00	27.79 0.50 0.00
INDECK___CORINTH 23802	43.44 1.24 0.00	38.05 1.09 0.00	27.98 0.89 0.00	31.04 0.99 -2.95	31.26 1.03 0.00	32.87 1.11 0.00	27.41 0.92 0.00	25.33 0.78 0.00	26.83 0.97 -0.08	31.35 1.07 0.00	33.46 0.83 -0.11	36.73 0.77 -0.41	31.74 0.58 0.00	30.45 0.62 -0.79	23.40 0.52 0.00	25.20 0.74 0.00	27.29 0.82 0.00	45.37 1.49 -1.55	49.45 1.83 0.00	45.86 1.73 0.00	47.25 1.70 0.00	42.17 1.35 0.00	35.63 1.21 2.96	26.75 0.88 1.41
INDECK___ILION 23567	42.59 0.39 0.00	37.32 0.36 0.00	27.42 0.34 0.00	27.46 0.36 0.00	30.58 0.35 0.00	32.11 0.35 0.00	26.80 0.32 0.00	24.85 0.30 0.00	26.07 0.28 0.00	30.47 0.19 0.00	32.62 0.09 0.00	35.66 0.11 0.00	31.17 0.01 0.00	29.01 -0.03 0.00	22.93 0.05 0.00	24.56 0.10 0.00	26.61 0.13 0.00	42.70 0.38 0.00	48.10 0.49 0.00	44.68 0.55 0.00	46.06 0.52 0.00	41.18 0.36 0.00	37.71 0.33 0.00	27.51 0.22 0.00
INDECK___OLEAN 23982	39.96 -2.24 0.00	34.86 -2.10 0.00	25.48 -1.61 0.00	25.64 -1.45 0.00	28.76 -1.47 0.00	30.32 -1.44 0.00	25.15 -1.34 0.00	23.39 -1.16 0.00	24.52 -1.26 0.00	28.73 -1.55 0.00	30.75 -1.78 0.00	33.79 -1.76 0.00	29.37 -1.78 0.00	27.45 -1.59 0.00	21.68 -1.19 0.00	23.22 -1.25 0.00	25.05 -1.43 0.00	39.82 -2.50 0.00	44.54 -3.08 0.00	41.73 -2.40 0.00	43.55 -2.00 0.00	39.00 -1.82 0.00	35.76 -1.62 0.00	26.29 -0.99 0.00
INDECK___OSWEGO 23783	40.73 -1.47 0.00	35.82 -1.14 0.00	26.26 -0.82 0.00	26.29 -0.80 0.00	29.33 -0.90 0.00	30.85 -0.91 0.00	25.68 -0.81 0.00	23.74 -0.81 0.00	24.91 -0.87 0.00	29.19 -1.09 0.00	31.41 -1.11 0.00	34.31 -1.24 0.00	30.06 -1.09 0.00	27.97 -1.07 0.00	22.02 -0.86 0.00	23.54 -0.92 0.00	25.51 -0.97 0.00	40.74 -1.58 0.00	46.01 -1.60 0.00	42.79 -1.34 0.00	44.16 -1.39 0.00	39.59 -1.23 0.00	36.26 -1.12 0.00	26.50 -0.78 0.00
INDECK___YERKES 23781	39.73 -2.47 0.00	34.52 -2.45 0.00	25.41 -1.67 0.00	25.50 -1.59 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.96 -1.52 0.00	23.07 -1.48 0.00	24.24 -1.55 0.00	28.43 -1.85 0.00	30.47 -2.05 0.00	33.43 -2.12 0.00	29.18 -1.97 0.00	27.35 -1.69 0.00	21.47 -1.40 0.00	22.95 -1.51 0.00	24.78 -1.70 0.00	39.32 -3.00 0.00	43.93 -3.69 0.00	41.34 -2.79 0.00	43.13 -2.42 0.00	38.87 -1.95 0.00	35.52 -1.86 0.00	26.41 -0.88 0.00
INDIAN POINT_GT_1 24139	43.56 1.36 0.00	38.10 1.14 0.00	27.95 0.86 0.00	28.16 0.80 -0.26	31.04 0.81 0.00	32.54 0.78 0.00	27.20 0.72 0.00	25.35 0.81 0.00	26.69 0.90 -0.01	31.49 1.21 0.00	33.99 1.46 -0.01	37.31 1.72 -0.04	32.71 1.56 0.00	30.61 1.50 -0.07	24.16 1.29 0.00	25.83 1.36 0.00	27.87 1.39 0.00	44.31 1.99 0.00	49.52 1.91 0.00	45.62 1.49 0.00	47.00 1.45 0.00	42.06 1.23 0.00	41.74 1.14 -3.22	29.57 0.75 -1.54
INDIAN POINT_GT_2 23659	43.56 1.36 0.00	38.10 1.14 0.00	27.95 0.86 0.00	28.16 0.80 -0.26	31.04 0.81 0.00	32.54 0.78 0.00	27.20 0.72 0.00	25.35 0.81 0.00	26.69 0.90 -0.01	31.49 1.21 0.00	33.99 1.46 -0.01	37.31 1.72 -0.04	32.71 1.56 0.00	30.61 1.50 -0.07	24.16 1.29 0.00	25.83 1.36 0.00	27.87 1.39 0.00	44.31 1.99 0.00	49.52 1.91 0.00	45.62 1.49 0.00	47.00 1.45 0.00	42.06 1.23 0.00	41.74 1.14 -3.22	29.57 0.75 -1.54
INDIAN POINT_GT_3 24019	43.56 1.36 0.00	38.10 1.14 0.00	27.95 0.86 0.00	28.16 0.80 -0.26	31.04 0.81 0.00	32.54 0.78 0.00	27.20 0.72 0.00	25.35 0.81 0.00	26.69 0.90 -0.01	31.49 1.21 0.00	33.99 1.46 -0.01	37.31 1.72 -0.04	32.71 1.56 0.00	30.61 1.50 -0.07	24.16 1.29 0.00	25.83 1.36 0.00	27.87 1.39 0.00	44.31 1.99 0.00	49.52 1.91 0.00	45.62 1.49 0.00	47.00 1.45 0.00	42.06 1.23 0.00	41.74 1.14 -3.22	29.57 0.75 -1.54
INDIAN POINT___2 23530	43.50 1.30 0.00	38.06 1.10 0.00	27.92 0.83 0.00	27.87 0.78 0.00	31.02 0.79 0.00	32.52 0.76 0.00	27.19 0.71 0.00	25.34 0.79 0.00	26.66 0.88 0.00	31.46 1.19 0.00	33.96 1.43 0.00	37.24 1.69 0.00	32.68 1.53 0.00	30.51 1.47 0.00	24.13 1.26 0.00	25.80 1.34 0.00	27.84 1.36 0.00	44.27 1.95 0.00	49.47 1.86 0.00	45.58 1.45 0.00	46.96 1.40 0.00	42.03 1.21 0.00	41.54 1.12 -3.05	29.46 0.73 -1.46
INDIAN POINT___3 23531	43.53 1.33 0.00	38.08 1.12 0.00	27.93 0.85 0.00	28.15 0.79 -0.26	31.03 0.80 0.00	32.53 0.77 0.00	27.19 0.71 0.00	25.35 0.80 0.00	26.68 0.89 -0.01	31.48 1.20 0.00	33.98 1.44 -0.01	37.29 1.70 -0.04	32.69 1.53 0.00	30.59 1.48 -0.07	24.15 1.27 0.00	25.81 1.35 0.00	27.86 1.38 0.00	44.29 1.97 0.00	49.48 1.87 0.00	45.60 1.47 0.00	46.98 1.43 0.00	42.05 1.22 0.00	41.73 1.12 -3.23	29.56 0.74 -1.54
INGHAM_C_115KV_TB7 356103	43.12 0.92 0.00	37.78 0.82 0.00	27.82 0.73 0.00	27.88 0.79 0.00	30.99 0.75 0.00	32.51 0.75 0.00	27.16 0.68 0.00	25.20 0.66 0.00	26.39 0.60 0.00	30.69 0.41 0.00	32.68 0.16 0.00	35.76 0.21 0.00	31.11 -0.04 0.00	28.98 -0.06 0.00	23.00 0.12 0.00	24.64 0.18 0.00	26.72 0.24 0.00	43.11 0.79 0.00	48.66 1.04 0.00	45.33 1.20 0.00	46.73 1.18 0.00	41.67 0.85 0.00	38.15 0.77 0.00	27.79 0.50 0.00
IP CORINTH___1 23988	43.65 1.45 0.00	38.23 1.27 0.00	28.12 1.03 0.00	31.17 1.13 -2.95	31.42 1.18 0.00	33.04 1.28 0.00	27.55 1.06 0.00	25.47 0.91 0.00	26.96 1.09 -0.08	31.51 1.23 0.00	33.63 0.99 -0.11	36.92 0.95 -0.41	31.91 0.76 0.00	30.61 0.78 -0.79	23.52 0.65 0.00	25.33 0.87 0.00	27.45 0.97 0.00	45.61 1.74 -1.55	49.72 2.10 0.00	46.11 1.98 0.00	47.49 1.94 0.00	42.40 1.58 0.00	35.84 1.42 2.96	26.89 1.02 1.41
IP___TICONDEROGA 23804	45.10 2.90 0.00	39.65 2.69 0.00	29.25 2.17 0.00	32.64 2.47 -3.08	32.82 2.59 0.00	34.57 2.82 0.00	28.75 2.27 0.00	26.37 1.82 0.00	28.03 2.16 -0.08	32.77 2.49 0.00	35.04 2.40 -0.11	38.53 2.55 -0.43	33.34 2.19 0.00	32.08 2.22 -0.82	24.60 1.72 0.00	26.57 2.10 0.00	28.82 2.34 0.00	47.22 3.29 -1.62	51.54 3.93 0.00	48.13 4.00 0.00	49.82 4.27 0.00	44.57 3.75 0.00	37.73 3.39 3.04	28.25 2.42 1.45
ISLIP_RES_REC 323679	43.90 1.70 0.00	38.29 1.33 0.00	28.06 0.97 0.00	28.18 0.80 -0.29	30.98 0.75 0.00	32.34 0.59 0.00	26.94 0.46 0.00	25.27 0.72 0.00	26.75 0.96 -0.01	31.73 1.45 0.00	34.69 2.15 -0.01	38.09 2.50 -0.04	33.49 2.34 0.00	31.38 2.26 -0.08	24.87 1.99 0.00	26.43 1.96 0.00	28.33 1.85 0.00	44.74 2.42 0.00	49.82 2.20 0.00	46.18 2.05 0.00	47.49 1.94 0.00	42.55 1.73 0.00	42.39 1.63 -3.38	29.89 0.99 -1.61

JAMAICA__27_KV_LOAD 355505	43.78 1.58 0.01	38.26 1.31 0.01	28.06 0.98 0.01	28.25 0.88 -0.28	31.09 0.86 0.01	32.56 0.81 0.01	27.25 0.77 0.00	25.46 0.91 0.00	26.77 0.98 0.00	31.62 1.34 0.00	34.12 1.59 0.00	37.45 1.87 -0.03	32.88 1.72 0.00	30.82 1.70 -0.08	24.42 1.54 0.00	26.03 1.56 0.00	28.06 1.59 0.00	44.51 2.19 0.00	49.67 2.06 0.01	45.74 1.62 0.01	47.09 1.55 0.02	42.17 1.36 0.02	42.05 1.30 -3.38	29.78 0.89 -1.61
JANIS__SOLAR 323808	42.95 0.75 0.00	37.61 0.65 0.00	27.52 0.43 0.00	27.58 0.49 0.00	30.76 0.53 0.00	32.36 0.61 0.00	27.00 0.52 0.00	24.98 0.43 0.00	25.95 0.16 0.00	29.97 -0.30 0.00	32.04 -0.48 0.00	35.28 -0.27 0.00	30.93 -0.23 0.00	28.59 -0.45 0.00	22.61 -0.27 0.00	23.91 -0.55 0.00	26.10 -0.38 0.00	42.17 -0.15 0.00	48.17 0.55 0.00	45.37 1.24 0.00	46.99 1.44 0.00	41.99 1.17 0.00	38.36 0.97 0.00	27.92 0.64 0.00
JARVIS____ 23743	42.16 -0.04 0.00	36.94 -0.02 0.00	27.11 0.02 0.00	27.13 0.04 0.00	30.26 0.03 0.00	31.79 0.03 0.00	26.50 0.03 0.00	24.57 0.02 0.00	25.81 0.02 0.00	30.27 0.00 0.00	32.53 0.00 0.00	35.54 -0.01 0.00	31.16 0.00 0.00	29.04 0.00 0.00	22.88 0.01 0.00	24.50 0.03 0.00	26.52 0.04 0.00	42.37 0.05 0.00	47.67 0.06 0.00	44.18 0.04 0.00	45.56 0.01 0.00	40.78 -0.04 0.00	37.34 -0.04 0.00	27.27 -0.01 0.00
JENNISON____1 23625	43.18 0.97 0.00	37.82 0.86 0.00	27.66 0.58 0.00	27.73 0.63 0.00	30.94 0.71 0.00	32.55 0.79 0.00	27.16 0.68 0.00	25.13 0.59 0.00	26.21 0.43 0.00	30.49 0.21 0.00	32.66 0.14 0.00	35.86 0.31 0.00	31.44 0.28 0.00	28.99 -0.05 0.00	22.91 0.04 0.00	24.24 -0.22 0.00	26.47 -0.01 0.00	42.66 0.34 0.00	48.41 0.79 0.00	45.46 1.33 0.00	47.09 1.54 0.00	42.13 1.30 0.00	38.51 1.13 0.00	28.01 0.73 0.00
JENNISON____2 23626	43.18 0.97 0.00	37.82 0.86 0.00	27.66 0.58 0.00	27.73 0.63 0.00	30.94 0.71 0.00	32.55 0.79 0.00	27.16 0.68 0.00	25.13 0.59 0.00	26.21 0.43 0.00	30.49 0.21 0.00	32.66 0.14 0.00	35.86 0.31 0.00	31.44 0.28 0.00	28.99 -0.05 0.00	22.91 0.04 0.00	24.24 -0.22 0.00	26.47 -0.01 0.00	42.66 0.34 0.00	48.41 0.79 0.00	45.46 1.33 0.00	47.09 1.54 0.00	42.13 1.30 0.00	38.51 1.13 0.00	28.01 0.73 0.00
JERICOHO_RISE_WT_PWR 323719	42.96 0.76 0.00	37.75 0.79 0.00	27.64 0.55 0.00	27.48 0.39 0.00	30.69 0.46 0.00	32.31 0.56 0.00	26.89 0.40 0.00	25.00 0.45 0.00	26.45 0.66 0.00	31.18 0.90 0.00	33.25 0.72 0.00	36.03 0.48 0.00	31.25 0.10 0.00	28.96 -0.08 0.00	22.65 -0.23 0.00	24.03 -0.44 0.00	25.96 -0.52 0.00	42.58 0.25 0.00	48.47 0.85 0.00	44.90 0.77 0.00	46.46 0.91 0.00	41.73 0.91 0.00	37.99 0.61 0.00	27.52 0.24 0.00
KATONAH__115KV_46KV_TB4 355592	43.77 1.57 0.00	38.27 1.30 0.00	28.08 1.00 0.00	28.33 0.93 -0.30	31.17 0.94 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.47 0.92 0.00	26.81 1.02 -0.01	31.65 1.37 0.00	34.18 1.64 -0.01	37.52 1.93 -0.04	32.89 1.74 0.00	30.80 1.68 -0.08	24.29 1.41 0.00	25.96 1.50 0.00	28.02 1.55 0.00	44.56 2.24 0.00	49.82 2.21 0.00	45.90 1.77 0.00	47.26 1.71 0.00	42.28 1.46 0.00	42.12 1.31 -3.43	29.78 0.86 -1.64
KCE_NY_1 323755	43.83 1.63 0.00	38.38 1.42 0.00	28.19 1.11 0.00	31.54 1.19 -3.26	31.53 1.30 0.00	33.14 1.38 0.00	27.63 1.14 0.00	25.62 1.07 0.00	27.04 1.16 -0.09	31.61 1.33 0.00	33.95 1.31 -0.12	37.35 1.34 -0.45	32.25 1.10 0.00	31.04 1.13 -0.87	23.80 0.92 0.00	25.58 1.11 0.00	27.73 1.25 0.00	46.11 2.09 -1.70	49.98 2.37 0.00	46.15 2.02 0.00	47.51 1.97 0.00	42.53 1.70 0.00	35.69 1.46 3.15	26.82 1.04 1.50
KCE_NY_6_ESR 323823	39.82 -2.38 0.00	34.66 -2.30 0.00	25.43 -1.65 0.00	25.53 -1.57 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.97 -1.51 0.00	23.11 -1.43 0.00	24.28 -1.50 0.00	28.47 -1.80 0.00	30.52 -2.00 0.00	33.47 -2.08 0.00	29.20 -1.95 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.82 -1.66 0.00	39.39 -2.93 0.00	44.06 -3.55 0.00	41.42 -2.71 0.00	43.26 -2.29 0.00	38.90 -1.92 0.00	35.62 -1.76 0.00	26.34 -0.94 0.00
KEDC_PORT_JEFF_GT2 24210	43.58 1.38 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.77 0.54 0.00	32.13 0.37 0.00	26.76 0.28 0.00	25.10 0.55 0.00	26.63 0.84 -0.01	31.56 1.29 0.00	34.50 1.97 -0.01	37.91 2.32 -0.04	33.32 2.17 0.00	31.21 2.09 -0.08	24.74 1.86 0.00	26.28 1.82 0.00	28.16 1.69 0.00	44.48 2.16 0.00	49.53 1.92 0.00	45.90 1.77 0.00	47.21 1.66 0.00	42.31 1.49 0.00	42.19 1.44 -3.38	29.76 0.86 -1.61
KEDC_PORT_JEFF_GT3 24211	43.58 1.38 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.77 0.54 0.00	32.13 0.37 0.00	26.76 0.28 0.00	25.10 0.55 0.00	26.63 0.84 -0.01	31.56 1.29 0.00	34.50 1.97 -0.01	37.91 2.32 -0.04	33.32 2.17 0.00	31.21 2.09 -0.08	24.74 1.86 0.00	26.28 1.82 0.00	28.16 1.69 0.00	44.48 2.16 0.00	49.53 1.92 0.00	45.90 1.77 0.00	47.21 1.66 0.00	42.31 1.49 0.00	42.19 1.44 -3.38	29.76 0.86 -1.61
KEDC_GLWD_GT4 24219	43.98 1.78 0.00	38.42 1.46 0.00	28.17 1.08 0.00	28.36 0.97 -0.29	31.21 0.98 0.00	32.67 0.91 0.00	27.27 0.79 0.00	25.49 0.94 0.00	26.87 1.08 -0.01	31.74 1.46 0.00	34.41 1.87 -0.01	37.77 2.18 -0.04	33.13 1.97 0.00	31.03 1.92 -0.08	24.51 1.64 0.00	26.14 1.68 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.81 2.19 0.00	45.97 1.85 0.00	47.33 1.78 0.00	42.41 1.59 0.00	42.28 1.52 -3.38	29.87 0.98 -1.61
KEDC_GLWD_GT5 24220	43.98 1.78 0.00	38.42 1.46 0.00	28.17 1.08 0.00	28.36 0.97 -0.29	31.21 0.98 0.00	32.67 0.91 0.00	27.27 0.79 0.00	25.49 0.94 0.00	26.87 1.08 -0.01	31.74 1.46 0.00	34.41 1.87 -0.01	37.77 2.18 -0.04	33.13 1.97 0.00	31.03 1.92 -0.08	24.51 1.64 0.00	26.14 1.68 0.00	28.12 1.64 0.00	44.62 2.30 0.00	49.81 2.19 0.00	45.97 1.85 0.00	47.33 1.78 0.00	42.41 1.59 0.00	42.28 1.52 -3.38	29.87 0.98 -1.61
KENSICO____ 23655	43.69 1.49 0.00	38.20 1.23 0.00	28.03 0.94 0.00	28.24 0.87 -0.28	31.11 0.88 0.00	32.60 0.84 0.00	27.25 0.77 0.00	25.41 0.87 0.00	26.76 0.96 -0.01	31.57 1.29 0.00	34.08 1.55 -0.01	37.41 1.82 -0.04	32.81 1.66 0.00	30.71 1.60 -0.07	24.24 1.37 0.00	25.91 1.45 0.00	27.96 1.48 0.00	44.43 2.10 0.00	49.62 2.01 0.00	45.73 1.60 0.00	47.09 1.54 0.00	42.15 1.32 0.00	41.95 1.23 -3.34	29.68 0.81 -1.59
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.66 1.45 0.00	38.16 1.20 0.00	27.99 0.90 0.00	27.52 0.85 0.43	31.11 0.88 0.00	32.64 0.88 0.00	27.29 0.81 0.00	25.41 0.86 0.00	26.75 0.97 0.01	31.56 1.28 0.00	33.93 1.42 0.02	37.12 1.63 0.06	32.48 1.33 0.00	29.97 1.04 0.11	23.82 0.94 0.00	25.49 1.02 0.00	27.59 1.11 0.00	43.81 1.74 0.25	49.39 1.78 0.00	45.64 1.51 0.00	47.06 1.51 0.00	42.35 1.52 0.00	40.44 1.31 -1.75	28.96 0.84 -0.84

KIAC_JFK_GT1 23816	43.53 1.34 0.01	38.06 1.11 0.01	27.91 0.83 0.01	28.11 0.73 -0.28	30.93 0.71 0.01	32.40 0.65 0.01	27.11 0.63 0.00	25.32 0.77 0.00	26.62 0.84 0.00	31.45 1.17 0.00	33.93 1.41 0.00	37.23 1.65 -0.03	32.71 1.56 0.00	30.66 1.55 -0.08	24.30 1.42 0.00	25.86 1.40 0.00	27.82 1.34 0.00	44.11 1.79 0.00	49.21 1.60 0.01	45.31 1.19 0.01	46.66 1.12 0.02	41.79 0.98 0.02	41.83 1.08 -3.38	29.63 0.73 -1.61
KIAC_JFK_GT2 23817	43.53 1.34 0.01	38.06 1.11 0.01	27.91 0.83 0.01	28.11 0.73 -0.28	30.93 0.71 0.01	32.40 0.65 0.01	27.11 0.63 0.00	25.32 0.77 0.00	26.62 0.84 0.00	31.45 1.17 0.00	33.93 1.41 0.00	37.23 1.65 -0.03	32.71 1.56 0.00	30.66 1.55 -0.08	24.30 1.42 0.00	25.86 1.40 0.00	27.82 1.34 0.00	44.11 1.79 0.00	49.21 1.60 0.01	45.31 1.19 0.01	46.66 1.12 0.02	41.79 0.98 0.02	41.83 1.08 -3.38	29.63 0.73 -1.61
KIAC_JFK____ 323774	43.53 1.34 0.01	38.06 1.11 0.01	27.91 0.84 0.01	28.11 0.73 -0.28	30.93 0.71 0.01	32.40 0.65 0.01	27.11 0.63 0.00	25.32 0.77 0.00	26.62 0.84 0.00	31.45 1.17 0.00	33.93 1.40 0.00	37.23 1.65 -0.03	32.71 1.56 0.00	30.66 1.55 -0.08	24.30 1.42 0.00	25.86 1.40 0.00	27.82 1.34 0.00	44.11 1.79 0.00	49.20 1.60 0.01	45.31 1.19 0.01	46.66 1.12 0.02	41.79 0.98 0.02	41.83 1.08 -3.38	29.62 0.73 -1.61
KINTIGH__24_KV_GSU 356498	39.72 -2.48 0.00	34.57 -2.39 0.00	25.42 -1.66 0.00	25.51 -1.59 0.00	28.60 -1.64 0.00	30.10 -1.66 0.00	24.96 -1.52 0.00	23.12 -1.42 0.00	24.29 -1.50 0.00	28.50 -1.77 0.00	30.58 -1.95 0.00	33.54 -2.01 0.00	29.27 -1.88 0.00	27.39 -1.64 0.00	21.52 -1.35 0.00	23.01 -1.45 0.00	24.85 -1.63 0.00	39.49 -2.83 0.00	44.15 -3.46 0.00	41.41 -2.72 0.00	43.15 -2.40 0.00	38.85 -1.98 0.00	35.52 -1.86 0.00	26.29 -1.00 0.00
KINTIGH____ 23543	39.69 -2.51 0.00	34.55 -2.41 0.00	25.40 -1.68 0.00	25.49 -1.61 0.00	28.57 -1.66 0.00	30.08 -1.67 0.00	24.94 -1.54 0.00	23.11 -1.44 0.00	24.27 -1.51 0.00	28.48 -1.80 0.00	30.56 -1.97 0.00	33.52 -2.04 0.00	29.25 -1.91 0.00	27.38 -1.66 0.00	21.50 -1.37 0.00	23.00 -1.47 0.00	24.83 -1.65 0.00	39.48 -2.85 0.00	44.11 -3.50 0.00	41.38 -2.75 0.00	43.11 -2.44 0.00	38.82 -2.00 0.00	35.50 -1.88 0.00	26.26 -1.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	43.36 1.16 0.00	38.21 1.25 0.00	28.08 1.00 0.00	27.83 0.74 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.22 0.74 0.00	25.35 0.80 0.00	26.86 1.07 0.00	31.71 1.44 0.00	33.68 1.15 0.00	36.42 0.87 0.00	31.54 0.39 0.00	29.14 0.10 0.00	22.72 -0.16 0.00	24.12 -0.35 0.00	25.99 -0.49 0.00	42.86 0.54 0.00	49.08 1.46 0.00	45.54 1.41 0.00	47.15 1.60 0.00	42.31 1.49 0.00	38.49 1.11 0.00	27.80 0.52 0.00
LACHUTE____HYDRO 323717	45.10 2.90 0.00	39.65 2.69 0.00	29.25 2.17 0.00	32.65 2.47 -3.08	32.82 2.59 0.00	34.57 2.82 0.00	28.75 2.27 0.00	26.37 1.82 0.00	28.03 2.16 -0.08	32.76 2.49 0.00	35.04 2.40 -0.11	38.53 2.55 -0.43	33.34 2.19 0.00	32.08 2.22 -0.82	24.60 1.72 0.00	26.56 2.10 0.00	28.82 2.34 0.00	47.22 3.28 -1.62	51.54 3.93 0.00	48.13 4.00 0.00	49.83 4.28 0.00	44.57 3.75 0.00	37.73 3.39 3.04	28.25 2.42 1.45
LAWRNCALV_115KV_TB1 80681	43.66 1.46 0.00	38.10 1.13 0.00	27.71 0.63 0.00	27.66 0.56 0.00	30.98 0.75 0.00	32.62 0.86 0.00	27.19 0.71 0.00	25.16 0.62 0.00	26.40 0.62 0.00	30.96 0.69 0.00	33.15 0.62 0.00	36.14 0.60 0.00	31.61 0.45 0.00	29.32 0.28 0.00	22.96 0.09 0.00	24.49 0.02 0.00	26.54 0.06 0.00	42.78 0.46 0.00	48.62 1.01 0.00	45.42 1.29 0.00	46.98 1.43 0.00	42.23 1.41 0.00	38.61 1.23 0.00	28.11 0.83 0.00
LEDERLE____ 23769	43.73 1.53 0.00	38.26 1.29 0.00	28.05 0.96 0.00	28.00 0.91 0.00	31.18 0.95 0.00	32.70 0.94 0.00	27.34 0.86 0.00	25.47 0.93 0.00	26.81 1.02 0.00	31.65 1.37 0.00	34.15 1.62 0.00	37.46 1.91 0.00	32.87 1.71 0.00	30.68 1.64 0.00	24.26 1.39 0.00	25.95 1.49 0.00	28.02 1.54 0.00	44.59 2.27 0.00	49.83 2.21 0.00	45.89 1.76 0.00	47.30 1.75 0.00	42.31 1.49 0.00	41.64 1.35 -2.91	29.56 0.89 -1.39
LIGHTHSE_115KV_TB6 355974	41.41 -0.79 0.00	36.31 -0.65 0.00	26.59 -0.50 0.00	26.61 -0.48 0.00	29.74 -0.49 0.00	31.40 -0.36 0.00	26.12 -0.36 0.00	24.07 -0.47 0.00	25.27 -0.52 0.00	29.64 -0.63 0.00	31.86 -0.67 0.00	34.66 -0.90 0.00	30.30 -0.86 0.00	27.98 -1.06 0.00	21.95 -0.93 0.00	23.46 -1.01 0.00	25.47 -1.01 0.00	40.80 -1.52 0.00	46.53 -1.08 0.00	43.59 -0.54 0.00	44.93 -0.63 0.00	40.35 -0.47 0.00	36.97 -0.41 0.00	27.01 -0.27 0.00
LINDEN COGEN____ 23786	43.66 1.46 0.00	38.17 1.21 0.00	27.99 0.90 0.00	28.18 0.81 -0.29	31.03 0.80 0.00	32.51 0.76 0.00	27.20 0.72 0.00	25.39 0.85 0.00	26.71 0.91 -0.01	31.54 1.26 0.00	34.06 1.53 -0.01	37.40 1.81 -0.04	32.82 1.66 0.00	30.72 1.61 -0.08	24.29 1.41 0.00	25.95 1.49 0.00	27.98 1.50 0.00	44.40 2.08 0.00	49.56 1.94 0.00	45.63 1.50 0.00	47.00 1.44 0.00	42.10 1.28 0.00	41.94 1.19 -3.38	29.67 0.78 -1.61
LINDHRST_69_KV_BK1 356055	44.04 1.84 0.00	38.42 1.46 0.00	28.16 1.08 0.00	28.29 0.91 -0.29	31.11 0.87 0.00	32.51 0.75 0.00	27.10 0.61 0.00	25.38 0.83 0.00	26.82 1.03 -0.01	31.78 1.50 0.00	34.71 2.18 -0.01	38.14 2.54 -0.04	33.49 2.34 0.00	31.37 2.25 -0.08	24.80 1.92 0.00	26.36 1.90 0.00	28.26 1.78 0.00	44.70 2.37 0.00	49.88 2.26 0.00	46.14 2.01 0.00	47.51 1.96 0.00	42.62 1.80 0.00	42.50 1.74 -3.38	29.99 1.09 -1.61
LIPA_MISC_IPP 23656	43.35 1.15 0.00	37.83 0.87 0.00	27.75 0.66 0.00	27.89 0.51 -0.29	30.67 0.43 0.00	32.00 0.24 0.00	26.64 0.16 0.00	24.98 0.44 0.00	26.43 0.63 -0.01	31.34 1.06 0.00	34.26 1.72 -0.01	37.62 2.03 -0.04	33.10 1.95 0.00	31.01 1.89 -0.08	24.64 1.76 0.00	26.17 1.71 0.00	28.06 1.58 0.00	44.27 1.95 0.00	49.23 1.62 0.00	45.65 1.51 0.00	46.94 1.39 0.00	42.06 1.24 0.00	41.94 1.18 -3.38	29.57 0.67 -1.61
LISF____SOLAR 323691	43.43 1.23 0.00	37.90 0.94 0.00	27.79 0.71 0.00	27.93 0.55 -0.29	30.71 0.48 0.00	32.05 0.30 0.00	26.68 0.20 0.00	25.01 0.47 0.00	26.47 0.68 -0.01	31.39 1.11 0.00	34.31 1.78 -0.01	37.68 2.09 -0.04	33.16 2.00 0.00	31.06 1.95 -0.08	24.67 1.80 0.00	26.23 1.76 0.00	28.11 1.63 0.00	44.36 2.04 0.00	49.33 1.71 0.00	45.74 1.61 0.00	47.04 1.49 0.00	42.14 1.32 0.00	42.02 1.26 -3.38	29.62 0.72 -1.61
LITTLE FALLS____HYD 24013	43.12 0.92 0.00	37.78 0.82 0.00	27.82 0.73 0.00	27.88 0.79 0.00	30.99 0.75 0.00	32.51 0.75 0.00	27.16 0.68 0.00	25.20 0.66 0.00	26.39 0.60 0.00	30.69 0.41 0.00	32.68 0.16 0.00	35.76 0.21 0.00	31.11 -0.04 0.00	28.98 -0.06 0.00	23.00 0.12 0.00	24.64 0.18 0.00	26.72 0.24 0.00	43.11 0.79 0.00	48.66 1.04 0.00	45.33 1.20 0.00	46.73 1.18 0.00	41.67 0.85 0.00	38.15 0.77 0.00	27.79 0.50 0.00

LITTLRIV_115KV_TB1 356100	44.25 2.05 0.00	38.58 1.62 0.00	28.05 0.96 0.00	28.00 0.90 0.00	31.36 1.13 0.00	33.03 1.27 0.00	27.55 1.06 0.00	25.49 0.94 0.00	26.64 0.85 0.00	31.09 0.82 0.00	33.23 0.70 0.00	36.39 0.84 0.00	31.75 0.60 0.00	29.43 0.39 0.00	23.07 0.20 0.00	24.60 0.13 0.00	26.63 0.15 0.00	43.01 0.69 0.00	49.11 1.50 0.00	46.09 1.96 0.00	47.71 2.16 0.00	42.88 2.06 0.00	39.17 1.79 0.00	28.50 1.22 0.00
LI_NEWBRDGE___DRP 323616	43.59 1.39 0.00	38.05 1.09 0.00	27.89 0.81 0.00	28.06 0.67 -0.29	30.87 0.63 0.00	32.28 0.52 0.00	26.92 0.44 0.00	25.19 0.64 0.00	26.58 0.79 -0.01	31.43 1.16 0.00	34.21 1.67 -0.01	37.56 1.97 -0.04	32.95 1.80 0.00	30.87 1.75 -0.08	24.40 1.52 0.00	25.95 1.49 0.00	27.86 1.38 0.00	44.11 1.79 0.00	49.23 1.61 0.00	45.51 1.38 0.00	46.84 1.29 0.00	42.04 1.22 0.00	41.98 1.22 -3.38	29.64 0.75 -1.61
LOCKPORT_115KV_TB60_63_64 80432	39.49 -2.71 0.00	34.29 -2.67 0.00	25.23 -1.86 0.00	25.30 -1.79 0.00	28.39 -1.84 0.00	29.89 -1.86 0.00	24.78 -1.70 0.00	22.93 -1.62 0.00	24.08 -1.71 0.00	28.20 -2.07 0.00	30.24 -2.28 0.00	33.17 -2.39 0.00	28.95 -2.21 0.00	27.12 -1.92 0.00	21.29 -1.58 0.00	22.76 -1.71 0.00	24.56 -1.92 0.00	38.93 -3.39 0.00	43.48 -4.13 0.00	40.96 -3.17 0.00	42.76 -2.79 0.00	38.57 -2.26 0.00	35.24 -2.14 0.00	26.20 -1.08 0.00
LOCKPORT___CC1 323769	39.46 -2.74 0.00	34.27 -2.69 0.00	25.21 -1.87 0.00	25.29 -1.80 0.00	28.38 -1.85 0.00	29.87 -1.88 0.00	24.76 -1.72 0.00	22.91 -1.64 0.00	24.07 -1.72 0.00	28.20 -2.08 0.00	30.23 -2.29 0.00	33.15 -2.40 0.00	28.94 -2.21 0.00	27.11 -1.93 0.00	21.28 -1.59 0.00	22.75 -1.72 0.00	24.55 -1.92 0.00	38.92 -3.40 0.00	43.49 -4.13 0.00	40.94 -3.19 0.00	42.75 -2.81 0.00	38.56 -2.27 0.00	35.24 -2.14 0.00	26.19 -1.10 0.00
LOCKPORT___CC2 323770	39.46 -2.74 0.00	34.27 -2.69 0.00	25.21 -1.87 0.00	25.29 -1.80 0.00	28.38 -1.85 0.00	29.87 -1.88 0.00	24.76 -1.72 0.00	22.91 -1.64 0.00	24.07 -1.72 0.00	28.20 -2.08 0.00	30.23 -2.29 0.00	33.15 -2.40 0.00	28.94 -2.21 0.00	27.11 -1.93 0.00	21.28 -1.59 0.00	22.75 -1.72 0.00	24.55 -1.92 0.00	38.92 -3.40 0.00	43.49 -4.13 0.00	40.94 -3.19 0.00	42.75 -2.81 0.00	38.56 -2.27 0.00	35.24 -2.14 0.00	26.19 -1.10 0.00
LOCKPORT___CC3 323771	39.46 -2.74 0.00	34.27 -2.69 0.00	25.21 -1.87 0.00	25.29 -1.80 0.00	28.38 -1.85 0.00	29.87 -1.88 0.00	24.76 -1.72 0.00	22.91 -1.64 0.00	24.07 -1.72 0.00	28.20 -2.08 0.00	30.23 -2.29 0.00	33.15 -2.40 0.00	28.94 -2.21 0.00	27.11 -1.93 0.00	21.28 -1.59 0.00	22.75 -1.72 0.00	24.55 -1.92 0.00	38.92 -3.40 0.00	43.49 -4.13 0.00	40.94 -3.19 0.00	42.75 -2.81 0.00	38.56 -2.27 0.00	35.24 -2.14 0.00	26.19 -1.10 0.00
LOCUSVLY_69_KV_BK2 55797	44.06 1.86 0.00	38.46 1.50 0.00	28.18 1.10 0.00	28.36 0.98 -0.29	31.22 0.99 0.00	32.66 0.90 0.00	27.26 0.78 0.00	25.49 0.94 0.00	26.89 1.10 -0.01	31.78 1.51 0.00	34.51 1.97 -0.01	37.87 2.28 -0.04	33.23 2.08 0.00	31.13 2.02 -0.08	24.59 1.72 0.00	26.19 1.72 0.00	28.12 1.64 0.00	44.59 2.27 0.00	49.78 2.17 0.00	45.99 1.86 0.00	47.34 1.79 0.00	42.46 1.64 0.00	42.34 1.58 -3.38	29.90 1.00 -1.61
LONG_LAKE_PHOENIX 24014	40.90 -1.30 0.00	35.95 -1.02 0.00	26.36 -0.72 0.00	26.40 -0.70 0.00	29.43 -0.80 0.00	30.94 -0.81 0.00	25.76 -0.72 0.00	23.83 -0.72 0.00	25.00 -0.79 0.00	29.28 -0.99 0.00	31.52 -1.01 0.00	34.47 -1.08 0.00	30.18 -0.98 0.00	28.13 -0.92 0.00	22.14 -0.74 0.00	23.66 -0.80 0.00	25.63 -0.85 0.00	40.96 -1.36 0.00	46.23 -1.38 0.00	42.99 -1.14 0.00	44.38 -1.17 0.00	39.75 -1.07 0.00	36.40 -0.97 0.00	26.60 -0.68 0.00
LOVETT___3 23632	43.51 1.31 0.00	38.07 1.11 0.00	27.92 0.83 0.00	27.87 0.78 0.00	31.03 0.80 0.00	32.53 0.77 0.00	27.19 0.71 0.00	25.35 0.80 0.00	26.67 0.88 0.00	31.48 1.20 0.00	33.96 1.43 0.00	37.25 1.70 0.00	32.69 1.53 0.00	30.52 1.48 0.00	24.14 1.26 0.00	25.81 1.35 0.00	27.85 1.38 0.00	44.29 1.97 0.00	49.48 1.87 0.00	45.59 1.45 0.00	46.98 1.43 0.00	42.06 1.23 0.00	41.50 1.13 -3.00	29.45 0.73 -1.43
LOVETT___4 23642	43.51 1.31 0.00	38.07 1.11 0.00	27.92 0.83 0.00	27.87 0.78 0.00	31.03 0.80 0.00	32.53 0.77 0.00	27.19 0.71 0.00	25.35 0.80 0.00	26.67 0.88 0.00	31.48 1.20 0.00	33.96 1.43 0.00	37.25 1.70 0.00	32.69 1.53 0.00	30.52 1.48 0.00	24.14 1.26 0.00	25.81 1.35 0.00	27.85 1.38 0.00	44.29 1.97 0.00	49.48 1.87 0.00	45.59 1.45 0.00	46.98 1.43 0.00	42.06 1.23 0.00	41.50 1.13 -3.00	29.45 0.73 -1.43
LOVETT___5 23593	43.51 1.31 0.00	38.07 1.11 0.00	27.92 0.83 0.00	27.87 0.78 0.00	31.03 0.80 0.00	32.53 0.77 0.00	27.19 0.71 0.00	25.35 0.80 0.00	26.67 0.88 0.00	31.48 1.20 0.00	33.96 1.43 0.00	37.25 1.70 0.00	32.69 1.53 0.00	30.52 1.48 0.00	24.14 1.26 0.00	25.81 1.35 0.00	27.85 1.38 0.00	44.29 1.97 0.00	49.48 1.87 0.00	45.59 1.45 0.00	46.98 1.43 0.00	42.06 1.23 0.00	41.50 1.13 -3.00	29.45 0.73 -1.43
LOWER RAQUET___HYD 24057	43.70 1.50 0.00	38.13 1.17 0.00	27.74 0.65 0.00	27.68 0.59 0.00	31.00 0.77 0.00	32.66 0.90 0.00	27.23 0.75 0.00	25.19 0.64 0.00	26.43 0.64 0.00	30.98 0.71 0.00	33.15 0.62 0.00	36.14 0.59 0.00	31.59 0.43 0.00	29.28 0.24 0.00	22.92 0.05 0.00	24.44 -0.03 0.00	26.49 0.01 0.00	42.75 0.43 0.00	48.65 1.04 0.00	45.50 1.37 0.00	47.06 1.51 0.00	42.31 1.49 0.00	38.66 1.28 0.00	28.16 0.87 0.00
LOWER___HUDSON 24059	43.42 1.22 0.00	38.08 1.12 0.00	28.00 0.92 0.00	33.36 0.97 -5.29	31.25 1.02 0.00	32.81 1.05 0.00	27.37 0.89 0.00	25.41 0.86 0.00	26.89 0.96 -0.15	31.44 1.17 0.00	33.95 1.23 -0.19	37.57 1.28 -0.74	32.26 1.10 0.00	31.57 1.11 -1.41	23.78 0.91 0.00	25.54 1.08 0.00	27.63 1.16 0.00	46.78 1.75 -2.72	49.43 1.82 0.00	45.58 1.45 0.00	46.95 1.40 0.00	41.95 1.13 0.00	34.29 1.02 4.10	26.08 0.76 1.96
LOWVILLE_115KV_TB2 356335	42.50 0.29 0.00	37.07 0.11 0.00	27.09 0.00 0.00	27.09 0.00 0.00	30.36 0.13 0.00	32.21 0.45 0.00	26.82 0.34 0.00	24.60 0.05 0.00	25.82 0.03 0.00	30.32 0.04 0.00	32.50 -0.02 0.00	34.88 -0.67 0.00	30.76 -0.39 0.00	28.10 -0.94 0.00	21.89 -0.99 0.00	23.41 -1.06 0.00	25.52 -0.96 0.00	41.09 -1.23 0.00	47.63 0.02 0.00	45.01 0.88 0.00	46.15 0.60 0.00	41.36 0.53 0.00	37.88 0.50 0.00	27.78 0.50 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	43.82 1.62 0.00	38.39 1.43 0.00	28.20 1.12 0.00	31.53 1.18 -3.26	31.51 1.28 0.00	33.10 1.35 0.00	27.61 1.13 0.00	25.60 1.05 0.00	27.02 1.15 -0.09	31.60 1.32 0.00	33.93 1.28 -0.12	37.30 1.29 -0.45	32.25 1.09 0.00	31.02 1.11 -0.87	23.78 0.91 0.00	25.56 1.10 0.00	27.70 1.22 0.00	46.03 2.01 -1.70	49.90 2.29 0.00	46.13 1.99 0.00	47.51 1.96 0.00	42.47 1.64 0.00	35.67 1.45 3.15	26.83 1.05 1.50

LUTHERNY_35_KV_BK2 355980	43.83 1.63 0.00	38.38 1.42 0.00	28.19 1.11 0.00	31.54 1.19 -3.26	31.53 1.30 0.00	33.14 1.38 0.00	27.63 1.15 0.00	25.62 1.07 0.00	27.04 1.16 -0.09	31.61 1.33 0.00	33.95 1.31 -0.12	37.35 1.34 -0.45	32.25 1.10 0.00	31.04 1.13 -0.87	23.79 0.92 0.00	25.58 1.11 0.00	27.73 1.25 0.00	46.11 2.09 -1.70	49.99 2.37 0.00	46.15 2.01 0.00	47.51 1.97 0.00	42.53 1.70 0.00	35.69 1.46 3.15	26.82 1.05 1.50
LWR___OSWEGATCHIE_HYD 23850	43.09 0.89 0.00	37.59 0.63 0.00	27.40 0.32 0.00	27.38 0.28 0.00	30.68 0.45 0.00	32.43 0.68 0.00	27.02 0.53 0.00	24.89 0.34 0.00	26.12 0.34 0.00	30.66 0.38 0.00	32.83 0.31 0.00	35.54 -0.01 0.00	31.12 -0.04 0.00	28.63 -0.41 0.00	22.36 -0.52 0.00	23.87 -0.59 0.00	25.94 -0.54 0.00	41.86 -0.46 0.00	48.11 0.49 0.00	45.27 1.14 0.00	46.65 1.10 0.00	41.90 1.08 0.00	38.30 0.92 0.00	27.97 0.69 0.00
LYONS_FALL_HYD 23570	42.59 0.39 0.00	37.22 0.25 0.00	27.22 0.14 0.00	27.25 0.15 0.00	30.47 0.24 0.00	32.22 0.46 0.00	26.85 0.37 0.00	24.71 0.16 0.00	25.93 0.14 0.00	30.39 0.11 0.00	32.59 0.07 0.00	35.26 -0.29 0.00	31.05 -0.11 0.00	28.55 -0.49 0.00	22.33 -0.55 0.00	23.89 -0.58 0.00	25.98 -0.50 0.00	41.75 -0.57 0.00	47.96 0.35 0.00	45.02 0.89 0.00	46.27 0.72 0.00	41.43 0.60 0.00	37.92 0.54 0.00	27.76 0.48 0.00
MADISON___COUNTY_LFGE 323628	42.63 0.43 0.00	37.36 0.40 0.00	27.36 0.28 0.00	27.40 0.31 0.00	30.56 0.33 0.00	32.15 0.40 0.00	26.82 0.34 0.00	24.80 0.26 0.00	25.93 0.14 0.00	30.28 0.00 0.00	32.49 -0.03 0.00	35.54 -0.01 0.00	31.28 0.12 0.00	29.02 -0.01 0.00	22.81 -0.06 0.00	24.39 -0.08 0.00	26.46 -0.02 0.00	42.40 0.08 0.00	48.19 0.57 0.00	44.96 0.83 0.00	46.37 0.82 0.00	41.47 0.65 0.00	37.95 0.57 0.00	27.70 0.41 0.00
MALONE___115KV_TB1 356076	43.62 1.42 0.00	38.23 1.27 0.00	27.92 0.84 0.00	27.80 0.70 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.25 0.77 0.00	25.34 0.79 0.00	26.76 0.98 0.00	31.45 1.18 0.00	33.57 1.05 0.00	36.42 0.87 0.00	31.74 0.58 0.00	29.41 0.36 0.00	22.94 0.07 0.00	24.33 -0.13 0.00	26.33 -0.15 0.00	43.12 0.80 0.00	49.10 1.49 0.00	45.70 1.57 0.00	47.33 1.78 0.00	42.50 1.67 0.00	38.68 1.30 0.00	28.02 0.74 0.00
MAPLEWOD_115KV_TB3 80458	43.15 0.95 0.00	37.83 0.86 0.00	27.84 0.76 0.00	35.20 0.87 -7.24	31.12 0.89 0.00	32.64 0.88 0.00	27.21 0.73 0.00	25.28 0.74 0.00	26.80 0.82 -0.20	31.29 1.01 0.00	33.87 1.08 -0.27	37.66 1.10 -1.01	32.12 0.97 0.00	31.96 0.99 -1.93	23.68 0.80 0.00	25.39 0.93 0.00	27.47 0.99 0.00	46.72 1.45 -2.95	49.14 1.52 0.00	45.32 1.20 0.00	46.69 1.14 0.00	41.72 0.90 0.00	35.35 0.78 2.82	26.53 0.59 1.35
MAPLE_RIDGE_WT_1 323574	41.93 -0.27 0.00	36.55 -0.41 0.00	26.84 -0.24 0.00	26.90 -0.19 0.00	30.04 -0.19 0.00	31.57 -0.18 0.00	26.36 -0.12 0.00	24.40 -0.14 0.00	25.66 -0.12 0.00	30.06 -0.22 0.00	32.17 -0.36 0.00	35.08 -0.47 0.00	30.86 -0.29 0.00	28.62 -0.41 0.00	22.47 -0.40 0.00	24.06 -0.40 0.00	26.16 -0.32 0.00	41.88 -0.44 0.00	47.32 -0.29 0.00	43.91 -0.22 0.00	45.13 -0.41 0.00	40.33 -0.49 0.00	37.06 -0.33 0.00	27.10 -0.18 0.00
MAPLE_RIDGE_WT_2 323611	41.93 -0.27 0.00	36.55 -0.41 0.00	26.84 -0.24 0.00	26.90 -0.19 0.00	30.04 -0.19 0.00	31.57 -0.18 0.00	26.36 -0.12 0.00	24.40 -0.14 0.00	25.66 -0.12 0.00	30.06 -0.22 0.00	32.17 -0.36 0.00	35.08 -0.47 0.00	30.86 -0.29 0.00	28.62 -0.41 0.00	22.47 -0.40 0.00	24.06 -0.40 0.00	26.16 -0.32 0.00	41.88 -0.44 0.00	47.32 -0.29 0.00	43.91 -0.22 0.00	45.13 -0.41 0.00	40.33 -0.49 0.00	37.06 -0.33 0.00	27.10 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	42.77 0.57 0.00	37.86 0.90 0.00	27.97 0.89 0.00	27.62 0.53 0.00	30.84 0.61 0.00	32.50 0.74 0.00	27.02 0.54 0.00	25.17 0.62 0.00	26.76 0.97 0.00	31.68 1.40 0.00	33.63 1.10 0.00	36.23 0.68 0.00	31.24 0.08 0.00	28.68 -0.36 0.00	22.30 -0.57 0.00	23.63 -0.83 0.00	25.47 -1.01 0.00	42.44 0.12 0.00	48.64 1.02 0.00	45.05 0.92 0.00	46.62 1.07 0.00	41.89 1.07 0.00	38.05 0.67 0.00	27.40 0.12 0.00
MARSHVLE_115KV_TB1 80742	43.52 1.32 0.00	38.08 1.12 0.00	27.83 0.75 0.00	29.37 0.73 -1.55	31.09 0.86 0.00	32.73 0.97 0.00	27.30 0.82 0.00	25.20 0.65 0.00	26.26 0.43 -0.04	30.47 0.20 0.00	32.72 0.14 -0.06	35.87 0.11 -0.22	31.19 0.04 0.00	29.40 -0.05 -0.41	22.80 -0.08 0.00	24.35 -0.11 0.00	26.33 -0.15 0.00	43.44 0.28 -0.84	48.48 0.86 0.00	45.65 1.52 0.00	47.22 1.67 0.00	42.28 1.46 0.00	36.88 1.31 1.80	27.34 0.92 0.86
MARSH_HILL_WT_PWR 323713	40.64 -1.57 0.00	35.49 -1.47 0.00	25.76 -1.33 0.00	25.92 -1.17 0.00	28.77 -1.46 0.00	30.25 -1.51 0.00	25.08 -1.40 0.00	23.49 -1.06 0.00	24.67 -1.12 0.00	28.55 -1.73 0.00	30.02 -2.51 0.00	32.94 -2.61 0.00	28.75 -2.40 0.00	26.91 -2.13 0.00	22.74 -1.63 0.00	24.78 -1.73 0.00	24.78 -1.70 0.00	39.44 -2.88 0.00	44.72 -2.89 0.00	42.13 -2.00 0.00	43.79 -1.76 0.00	39.32 -1.50 0.00	35.95 -1.43 0.00	26.28 -1.01 0.00
MCINTYRE_115KV_TB2 80467	44.48 2.28 0.00	38.77 1.81 0.00	28.17 1.08 0.00	28.11 1.02 0.00	31.50 1.27 0.00	33.16 1.40 0.00	27.66 1.18 0.00	25.60 1.05 0.00	26.71 0.92 0.00	31.10 0.83 0.00	33.26 0.73 0.00	36.48 0.93 0.00	31.82 0.66 0.00	29.51 0.47 0.00	23.18 0.30 0.00	24.72 0.25 0.00	26.76 0.28 0.00	43.15 0.83 0.00	49.30 1.69 0.00	46.27 2.14 0.00	47.92 2.37 0.00	43.07 2.25 0.00	39.34 1.97 0.00	28.62 1.34 0.00
MECO_____69_KV_BK1 80468	44.09 1.88 0.00	38.55 1.59 0.00	28.22 1.14 0.00	29.88 1.12 -1.66	31.51 1.27 0.00	33.12 1.37 0.00	27.65 1.17 0.00	25.57 1.02 0.00	26.67 0.84 -0.05	30.81 0.54 0.00	32.89 0.31 -0.06	35.85 0.07 -0.23	31.18 0.03 0.00	29.41 -0.07 -0.44	22.95 0.07 0.00	24.41 -0.05 0.00	26.44 -0.04 0.00	44.15 0.93 -0.91	49.29 1.68 0.00	46.44 2.31 0.00	47.98 2.43 0.00	42.89 2.07 0.00	37.19 1.79 1.98	27.59 1.25 0.95
MENANDS___115KV_TB5 355628	42.91 0.71 0.00	37.63 0.67 0.00	27.71 0.62 0.00	35.36 0.79 -7.48	31.02 0.79 0.00	32.55 0.79 0.00	27.13 0.65 0.00	25.21 0.66 0.00	26.74 0.75 -0.21	31.22 0.94 0.00	33.81 1.01 -0.27	37.64 1.04 -1.05	32.06 0.90 0.00	31.98 0.94 -2.00	23.60 0.73 0.00	25.30 0.84 0.00	27.37 0.89 0.00	46.14 1.23 -2.59	48.83 1.21 0.00	45.02 0.89 0.00	46.38 0.82 0.00	41.45 0.63 0.00	35.13 0.55 2.80	26.38 0.43 1.34
MG INDUSTRY___DRP 24185	42.96 0.76 0.00	37.66 0.70 0.00	27.72 0.63 0.00	22.91 0.67 4.85	30.90 0.67 0.00	32.43 0.67 0.00	27.05 0.57 0.00	25.09 0.54 0.00	26.25 0.59 0.13	31.01 0.73 0.00	33.03 0.68 0.18	35.52 0.65 0.68	31.73 0.58 0.00	28.35 0.61 1.30	23.46 0.59 0.00	25.11 0.65 0.00	27.17 0.69 0.00	40.72 1.04 2.64	48.69 1.07 0.00	45.01 0.88 0.00	46.38 0.82 0.00	41.48 0.66 0.00	36.45 0.59 1.53	27.02 0.46 0.73

MID___OSWEGATCHIE_HYD 23849	43.09 0.89 0.00	37.59 0.63 0.00	27.40 0.32 0.00	27.38 0.28 0.00	30.68 0.45 0.00	32.43 0.68 0.00	27.02 0.53 0.00	24.89 0.34 0.00	26.12 0.34 0.00	30.66 0.38 0.00	32.83 0.31 0.00	35.54 -0.01 0.00	31.12 -0.04 0.00	28.63 -0.41 0.00	22.36 -0.52 0.00	23.87 -0.59 0.00	25.94 -0.54 0.00	41.86 -0.46 0.00	48.11 0.49 0.00	45.27 1.14 0.00	46.65 1.10 0.00	41.90 1.08 0.00	38.30 0.92 0.00	27.97 0.69 0.00
MID___RAQUETTE_HYD 23851	43.70 1.50 0.00	38.13 1.17 0.00	27.74 0.65 0.00	27.68 0.59 0.00	31.00 0.77 0.00	32.66 0.90 0.00	27.23 0.75 0.00	25.19 0.64 0.00	26.43 0.64 0.00	30.98 0.71 0.00	33.15 0.62 0.00	36.14 0.59 0.00	31.59 0.43 0.00	29.28 0.24 0.00	22.92 0.05 0.00	24.44 -0.03 0.00	26.49 0.01 0.00	42.75 0.43 0.00	48.65 1.04 0.00	45.50 1.37 0.00	47.06 1.51 0.00	42.31 1.49 0.00	38.66 1.28 0.00	28.16 0.87 0.00
MILLIKEN___1 23584	42.05 -0.15 0.00	36.88 -0.09 0.00	27.01 -0.07 0.00	27.05 -0.04 0.00	30.16 -0.07 0.00	31.71 -0.04 0.00	26.43 -0.06 0.00	24.48 -0.07 0.00	25.60 -0.18 0.00	29.83 -0.44 0.00	31.98 -0.55 0.00	35.12 -0.43 0.00	30.80 -0.36 0.00	28.63 -0.41 0.00	22.56 -0.31 0.00	24.02 -0.44 0.00	26.12 -0.36 0.00	41.90 -0.43 0.00	47.48 -0.13 0.00	44.33 0.20 0.00	45.85 0.30 0.00	41.03 0.20 0.00	37.51 0.13 0.00	27.37 0.08 0.00
MILLIKEN___2 23585	42.05 -0.15 0.00	36.88 -0.09 0.00	27.01 -0.07 0.00	27.05 -0.04 0.00	30.16 -0.07 0.00	31.71 -0.04 0.00	26.43 -0.06 0.00	24.48 -0.07 0.00	25.60 -0.18 0.00	29.83 -0.44 0.00	31.98 -0.55 0.00	35.12 -0.43 0.00	30.80 -0.36 0.00	28.63 -0.41 0.00	22.56 -0.31 0.00	24.02 -0.44 0.00	26.12 -0.36 0.00	41.90 -0.43 0.00	47.48 -0.13 0.00	44.33 0.20 0.00	45.85 0.30 0.00	41.03 0.20 0.00	37.51 0.13 0.00	27.37 0.08 0.00
MILLIKEN___DIESEL 23629	42.05 -0.15 0.00	36.88 -0.09 0.00	27.01 -0.07 0.00	27.05 -0.04 0.00	30.16 -0.07 0.00	31.71 -0.04 0.00	26.43 -0.06 0.00	24.48 -0.07 0.00	25.60 -0.18 0.00	29.83 -0.44 0.00	31.98 -0.55 0.00	35.12 -0.43 0.00	30.80 -0.36 0.00	28.63 -0.41 0.00	22.56 -0.31 0.00	24.02 -0.44 0.00	26.12 -0.36 0.00	41.90 -0.43 0.00	47.48 -0.13 0.00	44.33 0.20 0.00	45.85 0.30 0.00	41.03 0.20 0.00	37.51 0.13 0.00	27.37 0.08 0.00
MILLSEAT___LFGE 323607	40.37 -1.83 0.00	35.06 -1.90 0.00	25.77 -1.32 0.00	25.84 -1.25 0.00	28.97 -1.26 0.00	30.51 -1.25 0.00	25.32 -1.16 0.00	23.43 -1.11 0.00	24.57 -1.22 0.00	28.64 -1.64 0.00	30.68 -1.85 0.00	33.58 -1.97 0.00	29.35 -1.81 0.00	27.45 -1.59 0.00	21.55 -1.32 0.00	23.07 -1.39 0.00	24.91 -1.57 0.00	39.72 -2.60 0.00	44.66 -2.95 0.00	42.16 -1.97 0.00	43.97 -1.58 0.00	39.53 -1.29 0.00	36.08 -1.30 0.00	26.71 -0.57 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.61 1.41 0.00	38.13 1.17 0.00	27.98 0.89 0.00	28.20 0.83 -0.27	31.07 0.84 0.00	32.57 0.81 0.00	27.22 0.73 0.00	25.38 0.82 0.00	26.71 0.92 -0.01	31.52 1.24 0.00	34.03 1.49 -0.01	37.34 1.75 -0.04	32.75 1.59 0.00	30.65 1.53 -0.07	24.19 1.31 0.00	25.86 1.39 0.00	27.90 1.42 0.00	44.35 2.03 0.00	49.56 1.95 0.00	45.66 1.52 0.00	47.04 1.49 0.00	42.10 1.27 0.00	41.82 1.17 -3.28	29.62 0.76 -1.57
MILLWOOD_13_KV_LOAD 356217	43.66 1.46 0.00	38.19 1.23 0.00	28.01 0.92 0.00	28.23 0.86 -0.27	31.11 0.88 0.00	32.60 0.85 0.00	27.25 0.77 0.00	25.41 0.86 0.00	26.76 0.96 -0.01	31.56 1.29 0.00	34.07 1.54 -0.01	37.39 1.80 -0.04	32.78 1.63 0.00	30.69 1.58 -0.07	24.22 1.34 0.00	25.89 1.42 0.00	27.94 1.46 0.00	44.42 2.09 0.00	49.62 2.01 0.00	45.73 1.60 0.00	47.09 1.54 0.00	42.15 1.32 0.00	41.88 1.22 -3.28	29.65 0.80 -1.57
MODEL_CITY_ENERGY 24167	39.17 -3.03 0.00	34.00 -2.97 0.00	25.02 -2.07 0.00	25.10 -1.99 0.00	28.17 -2.06 0.00	29.65 -2.10 0.00	24.58 -1.90 0.00	22.74 -1.81 0.00	23.89 -1.90 0.00	28.00 -2.27 0.00	30.05 -2.48 0.00	32.95 -2.60 0.00	28.76 -2.39 0.00	26.94 -2.10 0.00	21.15 -1.73 0.00	22.59 -1.88 0.00	24.37 -2.11 0.00	38.55 -3.78 0.00	43.02 -4.59 0.00	40.50 -3.63 0.00	42.30 -3.25 0.00	38.19 -2.63 0.00	34.90 -2.48 0.00	25.99 -1.30 0.00
MODERN_LFGE___ 323580	39.17 -3.03 0.00	34.00 -2.97 0.00	25.02 -2.07 0.00	25.10 -1.99 0.00	28.17 -2.06 0.00	29.65 -2.10 0.00	24.58 -1.90 0.00	22.74 -1.81 0.00	23.89 -1.90 0.00	28.00 -2.27 0.00	30.05 -2.48 0.00	32.95 -2.60 0.00	28.76 -2.39 0.00	26.94 -2.10 0.00	21.15 -1.73 0.00	22.59 -1.88 0.00	24.37 -2.11 0.00	38.55 -3.78 0.00	43.02 -4.59 0.00	40.50 -3.63 0.00	42.30 -3.25 0.00	38.19 -2.63 0.00	34.90 -2.48 0.00	25.99 -1.30 0.00
MOHAWK_PAPER___DRP 24187	43.15 0.95 0.00	37.83 0.86 0.00	27.84 0.76 0.00	35.20 0.87 -7.24	31.12 0.89 0.00	32.64 0.88 0.00	27.21 0.73 0.00	25.28 0.74 0.00	26.80 0.82 -0.20	31.29 1.01 0.00	33.87 1.08 -0.27	37.66 1.10 -1.01	32.12 0.97 0.00	31.96 0.99 -1.93	23.68 0.80 0.00	25.39 0.93 0.00	27.47 0.99 0.00	46.72 1.45 -2.95	49.14 1.52 0.00	45.32 1.20 0.00	46.69 1.14 0.00	41.72 0.90 0.00	35.35 0.78 2.82	26.53 0.59 1.35
MOHICAN___35_KV_115KV_LD 80490	43.96 1.76 0.00	38.53 1.57 0.00	28.33 1.24 0.00	31.62 1.37 -3.15	31.69 1.46 0.00	33.31 1.55 0.00	27.77 1.29 0.00	25.68 1.13 0.00	27.18 1.31 -0.09	31.76 1.49 0.00	33.97 1.32 -0.12	37.29 1.30 -0.44	32.22 1.07 0.00	30.97 1.09 -0.84	23.76 0.89 0.00	25.60 1.13 0.00	27.74 1.26 0.00	46.09 2.12 -1.65	50.14 2.52 0.00	46.47 2.34 0.00	47.88 2.34 0.00	42.76 1.93 0.00	36.03 1.74 3.09	27.06 1.26 1.47
MONGAUP___HYD 23641	43.54 1.34 0.00	38.08 1.12 0.00	27.94 0.85 0.00	27.90 0.81 0.00	31.07 0.84 0.00	32.60 0.85 0.00	27.26 0.78 0.00	25.36 0.81 0.00	26.67 0.88 0.00	31.35 1.08 0.00	33.62 1.09 0.00	36.50 0.95 0.00	31.91 0.76 0.00	29.76 0.72 0.00	23.58 0.71 0.00	25.40 0.94 0.00	27.42 0.94 0.00	43.91 1.59 0.00	49.46 1.85 0.00	45.81 1.68 0.00	47.25 1.70 0.00	42.24 1.42 0.00	41.02 1.23 -2.41	29.23 0.80 -1.15
MONTAUK___DIESEL 23721	43.50 1.30 0.00	38.26 1.30 0.00	28.42 1.34 0.00	28.83 1.45 -0.29	31.68 1.45 0.00	32.99 1.24 0.00	27.19 0.71 0.00	25.31 0.76 0.00	26.81 1.01 -0.01	31.72 1.44 0.00	34.57 2.04 -0.01	37.98 2.39 -0.04	33.78 2.62 0.00	31.72 2.60 -0.08	25.28 2.41 0.00	27.02 2.55 0.00	29.10 2.62 0.00	45.95 3.63 0.00	51.07 3.46 0.00	47.35 3.22 0.00	48.71 3.16 0.00	43.51 2.69 0.00	43.12 2.36 -3.38	30.38 1.48 -1.61
MOONROAD_115KV_HARTFLD_TB1-2 355988	40.54 -1.66 0.00	35.36 -1.60 0.00	25.73 -1.36 0.00	25.76 -1.34 0.00	28.99 -1.24 0.00	30.55 -1.20 0.00	25.35 -1.13 0.00	23.49 -1.06 0.00	24.48 -1.30 0.00	28.69 -1.59 0.00	30.86 -1.66 0.00	33.90 -1.65 0.00	29.51 -1.65 0.00	27.64 -1.40 0.00	21.83 -1.05 0.00	23.34 -1.12 0.00	25.26 -1.22 0.00	40.09 -2.23 0.00	44.90 -2.72 0.00	42.00 -2.13 0.00	43.70 -1.85 0.00	39.10 -1.72 0.00	35.97 -1.41 0.00	26.38 -0.91 0.00

MORRIS_RIDGE___SOLAR 323848	40.24 -1.97 0.00	35.12 -1.84 0.00	25.67 -1.41 0.00	25.83 -1.27 0.00	28.82 -1.41 0.00	30.35 -1.40 0.00	25.20 -1.28 0.00	23.37 -1.17 0.00	24.49 -1.30 0.00	28.36 -1.92 0.00	29.96 -2.56 0.00	32.91 -2.64 0.00	28.75 -2.41 0.00	26.94 -2.11 0.00	21.28 -1.59 0.00	22.76 -1.70 0.00	24.69 -1.79 0.00	39.20 -3.13 0.00	44.38 -3.23 0.00	41.89 -2.24 0.00	43.59 -1.96 0.00	39.14 -1.69 0.00	35.89 -1.49 0.00	26.36 -0.93 0.00
MORTIMER_115KV_TB3 55949	40.83 -1.37 0.00	35.66 -1.30 0.00	26.18 -0.90 0.00	26.23 -0.87 0.00	29.32 -0.91 0.00	30.85 -0.91 0.00	25.65 -0.84 0.00	23.76 -0.79 0.00	24.93 -0.85 0.00	29.18 -1.10 0.00	31.32 -1.20 0.00	34.32 -1.23 0.00	30.03 -1.12 0.00	28.07 -0.97 0.00	22.08 -0.79 0.00	23.61 -0.85 0.00	25.58 -0.90 0.00	40.90 -1.42 0.00	46.02 -1.60 0.00	43.00 -1.13 0.00	44.56 -0.99 0.00	39.96 -0.86 0.00	36.51 -0.86 0.00	26.79 -0.49 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.86 1.67 0.00	38.34 1.38 0.00	28.13 1.04 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.49 0.95 0.00	26.83 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.54 1.95 -0.04	32.94 1.78 0.00	30.83 1.72 -0.08	24.36 1.49 0.00	26.03 1.57 0.00	28.07 1.59 0.00	44.56 2.24 0.00	49.77 2.16 0.00	45.85 1.72 0.00	47.21 1.65 0.00	42.27 1.45 0.00	42.11 1.36 -3.38	29.79 0.89 -1.61
MUNSVILLE_WIND_PWR 323609	44.11 1.91 0.00	38.61 1.65 0.00	28.22 1.14 0.00	28.29 1.20 0.00	31.59 1.36 0.00	33.26 1.50 0.00	27.78 1.30 0.00	25.70 1.15 0.00	26.70 0.92 0.00	30.87 0.59 0.00	33.01 0.48 0.00	36.26 0.71 0.00	31.80 0.65 0.00	29.20 0.16 0.00	23.10 0.22 0.00	24.34 -0.13 0.00	26.68 0.21 0.00	43.21 0.88 0.00	49.54 1.93 0.00	46.70 2.57 0.00	48.35 2.80 0.00	43.14 2.32 0.00	39.38 2.00 0.00	28.63 1.34 0.00
N SALMON___HYD 24042	43.62 1.41 0.00	38.23 1.27 0.00	27.92 0.84 0.00	27.80 0.70 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.25 0.77 0.00	25.33 0.79 0.00	26.76 0.98 0.00	31.45 1.18 0.00	33.57 1.05 0.00	36.42 0.87 0.00	31.74 0.58 0.00	29.41 0.36 0.00	22.94 0.07 0.00	24.33 -0.13 0.00	26.33 -0.15 0.00	43.12 0.80 0.00	49.10 1.49 0.00	45.70 1.58 0.00	47.33 1.78 0.00	42.50 1.67 0.00	38.68 1.30 0.00	28.02 0.74 0.00
N.AKRON__115KV_KNAPP 355671	40.28 -1.92 0.00	34.99 -1.98 0.00	25.72 -1.36 0.00	25.79 -1.30 0.00	28.92 -1.31 0.00	30.45 -1.31 0.00	25.26 -1.22 0.00	23.39 -1.16 0.00	24.52 -1.26 0.00	28.61 -1.67 0.00	30.65 -1.87 0.00	33.58 -1.97 0.00	29.31 -1.85 0.00	27.44 -1.60 0.00	21.54 -1.33 0.00	23.06 -1.41 0.00	24.89 -1.59 0.00	39.68 -2.64 0.00	44.53 -3.09 0.00	42.02 -2.11 0.00	43.82 -1.73 0.00	39.43 -1.39 0.00	35.99 -1.39 0.00	26.67 -0.61 0.00
N.E_GEN_SANDY PD 24062	43.28 1.08 0.00	37.92 0.96 0.00	27.90 0.82 0.00	30.81 0.85 -2.86	31.09 0.86 0.00	32.59 0.84 0.00	27.20 0.72 0.00	25.29 0.74 0.00	26.73 0.87 -0.08	31.94 1.15 -0.51	34.21 1.30 -0.39	38.90 1.44 -1.91	32.42 1.26 0.00	32.15 1.28 -1.83	33.51 1.04 -9.59	27.69 1.20 -2.03	31.32 1.24 -3.60	46.03 1.79 -1.92	47.09 1.70 2.22	45.20 1.23 0.16	46.92 1.15 -0.21	41.60 0.91 0.13	11.13 0.83 27.08	14.96 0.61 12.93
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.58 1.38 0.00	38.12 1.15 0.00	27.95 0.87 0.00	27.92 0.83 0.00	31.08 0.85 0.00	32.58 0.82 0.00	27.24 0.76 0.00	25.38 0.83 0.00	26.71 0.92 0.00	31.53 1.25 0.00	34.02 1.49 0.00	37.32 1.77 0.00	32.75 1.59 0.00	30.56 1.53 0.00	24.18 1.30 0.00	25.86 1.39 0.00	27.91 1.43 0.00	44.40 2.08 0.00	49.61 1.99 0.00	45.69 1.56 0.00	47.09 1.54 0.00	42.13 1.31 0.00	41.52 1.20 -2.94	29.47 0.78 -1.41
N.QUEENS_27_KV_LOAD 356247	43.82 1.63 0.01	38.33 1.37 0.00	28.16 1.08 0.00	28.26 0.88 -0.29	31.08 0.85 0.00	32.57 0.81 0.00	27.31 0.83 0.00	25.44 0.90 0.00	26.76 0.96 -0.01	31.59 1.31 0.00	34.13 1.60 -0.01	37.43 1.84 -0.04	32.90 1.75 0.00	30.80 1.68 -0.08	24.36 1.48 0.00	26.02 1.56 0.00	27.99 1.51 0.00	44.39 2.07 0.00	49.66 2.04 0.00	45.69 1.56 0.00	47.01 1.47 0.01	42.17 1.36 0.01	42.05 1.30 -3.38	29.76 0.87 -1.61
N.TROY___115KV_TB1 355778	43.42 1.22 0.00	38.08 1.12 0.00	28.00 0.92 0.00	33.36 0.97 -5.29	31.26 1.02 0.00	32.81 1.05 0.00	27.37 0.89 0.00	25.41 0.86 0.00	26.89 0.96 -0.15	31.44 1.17 0.00	33.95 1.23 -0.19	37.57 1.28 -0.74	32.26 1.10 0.00	31.57 1.12 -1.41	23.78 0.91 0.00	25.54 1.08 0.00	27.63 1.16 0.00	46.78 1.75 -2.72	49.43 1.82 0.00	45.58 1.45 0.00	46.95 1.40 0.00	41.95 1.13 0.00	34.29 1.02 4.10	26.08 0.76 1.96
NARROWS_GT1_1 24228	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT1_2 24229	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT1_3 24230	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT1_4 24231	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT1_5 24232	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61

NARROWS_GT1_6 24233	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT1_7 24234	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT1_8 24235	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_1 24236	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_2 24237	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_3 24238	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_4 24239	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_5 24240	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_6 24241	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_7 24242	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NARROWS_GT2_8 24243	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.42 1.22 0.00	38.05 1.09 0.00	28.00 0.91 0.00	22.87 0.98 5.21	31.22 0.98 0.00	32.78 1.02 0.00	27.34 0.86 0.00	25.41 0.87 0.00	26.60 0.96 0.14	31.39 1.12 0.00	33.42 1.09 0.19	35.67 0.85 0.73	31.91 0.75 0.00	28.45 0.80 1.39	23.63 0.76 0.00	25.32 0.86 0.00	27.47 0.99 0.00	41.07 1.63 2.88	49.40 1.79 0.00	45.84 1.71 0.00	47.23 1.68 0.00	42.13 1.31 0.00	37.39 1.10 1.09	27.56 0.79 0.52
NCHELSEA_115KV_TR2 355582	43.79 1.59 0.00	38.28 1.32 0.00	28.10 1.01 0.00	28.07 0.98 0.00	31.23 1.00 0.00	32.74 0.98 0.00	27.37 0.89 0.00	25.50 0.95 0.00	26.86 1.07 0.00	31.69 1.42 0.00	34.15 1.63 0.00	37.44 1.89 0.00	32.84 1.68 0.00	30.66 1.62 0.00	24.22 1.34 0.00	25.92 1.46 0.00	28.02 1.54 0.00	44.62 2.30 0.00	49.93 2.31 0.00	46.01 1.88 0.00	47.38 1.83 0.00	42.37 1.54 0.00	41.25 1.37 -2.51	29.38 0.90 -1.20
NEG CAPITAL___MECHNVIL 23645	43.90 1.70 0.00	38.46 1.49 0.00	28.26 1.18 0.00	32.15 1.23 -3.83	31.56 1.33 0.00	33.15 1.39 0.00	27.66 1.18 0.00	25.65 1.10 0.00	27.10 1.21 -0.10	31.68 1.40 0.00	34.06 1.39 -0.14	37.50 1.42 -0.54	32.38 1.22 0.00	31.28 1.22 -1.02	23.88 1.00 0.00	25.66 1.20 0.00	27.81 1.34 0.00	46.47 2.16 -1.99	50.04 2.42 0.00	46.25 2.12 0.00	47.61 2.06 0.00	42.55 1.72 0.00	35.38 1.51 3.51	26.70 1.10 1.68
NEG CENTRAL_HIGH_ACRES 23767	40.21 -2.00 0.00	35.15 -1.81 0.00	25.80 -1.29 0.00	25.84 -1.26 0.00	28.86 -1.37 0.00	30.36 -1.40 0.00	25.26 -1.23 0.00	23.40 -1.15 0.00	24.56 -1.23 0.00	28.74 -1.54 0.00	30.83 -1.69 0.00	33.78 -1.77 0.00	29.58 -1.58 0.00	27.63 -1.41 0.00	21.74 -1.14 0.00	23.24 -1.22 0.00	25.19 -1.29 0.00	40.33 -1.99 0.00	45.44 -2.17 0.00	42.40 -1.73 0.00	43.89 -1.66 0.00	39.33 -1.50 0.00	35.92 -1.45 0.00	26.34 -0.95 0.00

NEG CENTRAL___DRP 24199	41.27 -0.93 0.00	36.23 -0.73 0.00	26.55 -0.54 0.00	26.60 -0.49 0.00	29.66 -0.57 0.00	31.21 -0.55 0.00	25.98 -0.50 0.00	24.08 -0.47 0.00	25.23 -0.56 0.00	29.44 -0.83 0.00	31.48 -1.04 0.00	34.53 -1.02 0.00	30.20 -0.95 0.00	28.20 -0.83 0.00	22.25 -0.63 0.00	23.72 -0.74 0.00	25.76 -0.71 0.00	41.17 -1.15 0.00	46.54 -1.08 0.00	43.46 -0.67 0.00	44.99 -0.56 0.00	40.32 -0.50 0.00	36.89 -0.49 0.00	26.96 -0.32 0.00
NEG CENTRAL___INDECK 23768	41.82 -0.38 0.00	36.45 -0.51 0.00	26.68 -0.40 0.00	26.78 -0.31 0.00	29.91 -0.32 0.00	31.48 -0.28 0.00	26.18 -0.30 0.00	24.30 -0.24 0.00	25.44 -0.35 0.00	29.42 -0.85 0.00	31.20 -1.33 0.00	34.30 -1.25 0.00	29.93 -1.22 0.00	27.98 -1.06 0.00	22.02 -0.86 0.00	23.60 -0.86 0.00	25.62 -0.85 0.00	40.89 -1.43 0.00	46.32 -1.29 0.00	43.97 -0.16 0.00	45.77 0.22 0.00	41.00 0.17 0.00	37.43 0.05 0.00	27.41 0.13 0.00
NEG CENTRAL___SENECA 23627	41.20 -1.00 0.00	36.17 -0.80 0.00	26.47 -0.61 0.00	26.56 -0.53 0.00	29.62 -0.62 0.00	31.17 -0.59 0.00	25.95 -0.53 0.00	24.06 -0.48 0.00	25.20 -0.59 0.00	29.35 -0.92 0.00	31.31 -1.21 0.00	34.35 -1.20 0.00	30.05 -1.10 0.00	28.09 -0.96 0.00	22.16 -0.71 0.00	23.63 -0.83 0.00	25.67 -0.81 0.00	40.99 -1.33 0.00	46.38 -1.24 0.00	43.39 -0.74 0.00	44.98 -0.57 0.00	40.32 -0.51 0.00	36.91 -0.47 0.00	26.96 -0.32 0.00
NEG CENTRAL___STATE_STREET 24147	41.58 -0.62 0.00	36.50 -0.46 0.00	26.80 -0.29 0.00	26.78 -0.32 0.00	29.86 -0.38 0.00	31.38 -0.37 0.00	26.15 -0.34 0.00	24.20 -0.34 0.00	25.40 -0.39 0.00	29.71 -0.57 0.00	31.88 -0.64 0.00	34.98 -0.57 0.00	30.53 -0.63 0.00	28.52 -0.52 0.00	22.48 -0.39 0.00	23.91 -0.56 0.00	26.02 -0.46 0.00	41.68 -0.64 0.00	47.06 -0.55 0.00	43.86 -0.27 0.00	45.35 -0.20 0.00	40.61 -0.21 0.00	37.04 -0.34 0.00	27.11 -0.17 0.00
NEG MILLWOOD___DRP 24198	43.89 1.69 0.00	38.37 1.41 0.00	28.16 1.07 0.00	28.11 1.02 0.00	31.27 1.03 0.00	32.77 1.01 0.00	27.40 0.92 0.00	25.54 0.99 0.00	26.91 1.12 0.00	31.76 1.49 0.00	34.27 1.74 0.00	37.59 2.04 0.00	32.99 1.83 0.00	30.81 1.76 0.00	24.33 1.46 0.00	26.02 1.55 0.00	28.12 1.64 0.00	44.75 2.42 0.00	50.04 2.42 0.00	46.12 1.99 0.00	47.48 1.93 0.00	42.45 1.63 0.00	41.77 1.45 -2.94	29.63 0.94 -1.40
NEG NORTH_FLCN_SEA 23793	43.23 1.03 0.00	38.15 1.19 0.00	28.09 1.00 0.00	27.81 0.72 0.00	31.02 0.79 0.00	32.68 0.92 0.00	27.18 0.70 0.00	25.32 0.78 0.00	26.87 1.09 0.00	31.74 1.47 0.00	33.73 1.21 0.00	36.44 0.89 0.00	31.52 0.37 0.00	29.09 0.05 0.00	22.65 -0.23 0.00	24.03 -0.43 0.00	25.87 -0.61 0.00	42.78 0.46 0.00	48.94 1.32 0.00	45.37 1.24 0.00	46.94 1.39 0.00	42.15 1.33 0.00	38.37 0.98 0.00	27.72 0.44 0.00
NEG NORTH_KES_CHATEGAY 23792	43.07 0.87 0.00	37.83 0.87 0.00	27.70 0.61 0.00	27.54 0.44 0.00	30.75 0.52 0.00	32.39 0.63 0.00	26.94 0.46 0.00	25.07 0.52 0.00	26.50 0.71 0.00	31.23 0.96 0.00	33.27 0.74 0.00	36.03 0.48 0.00	31.26 0.10 0.00	28.96 -0.08 0.00	22.65 -0.23 0.00	24.03 -0.44 0.00	25.96 -0.51 0.00	42.61 0.29 0.00	48.55 0.93 0.00	45.03 0.90 0.00	46.60 1.05 0.00	41.87 1.04 0.00	38.10 0.72 0.00	27.59 0.31 0.00
NEG NORTH___ALICE_FALLS 23915	43.36 1.16 0.00	38.21 1.25 0.00	28.08 1.00 0.00	27.83 0.74 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.22 0.74 0.00	25.35 0.80 0.00	26.86 1.07 0.00	31.71 1.44 0.00	33.68 1.15 0.00	36.42 0.87 0.00	31.54 0.39 0.00	29.14 0.10 0.00	22.72 -0.16 0.00	24.12 -0.35 0.00	25.99 -0.49 0.00	42.86 0.54 0.00	49.08 1.46 0.00	45.54 1.41 0.00	47.15 1.60 0.00	42.31 1.49 0.00	38.49 1.11 0.00	27.80 0.52 0.00
NEG NORTH___LWR_SARANAC 23913	43.36 1.16 0.00	38.21 1.25 0.00	28.08 1.00 0.00	27.83 0.74 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.22 0.74 0.00	25.35 0.80 0.00	26.86 1.07 0.00	31.71 1.44 0.00	33.68 1.15 0.00	36.42 0.87 0.00	31.54 0.39 0.00	29.14 0.10 0.00	22.72 -0.16 0.00	24.12 -0.35 0.00	25.99 -0.49 0.00	42.86 0.54 0.00	49.08 1.46 0.00	45.54 1.41 0.00	47.15 1.60 0.00	42.31 1.49 0.00	38.49 1.11 0.00	27.80 0.52 0.00
NEG NORTH___PLATTSBURG 23628	43.36 1.16 0.00	38.21 1.25 0.00	28.08 1.00 0.00	27.83 0.74 0.00	31.06 0.83 0.00	32.72 0.96 0.00	27.22 0.74 0.00	25.35 0.80 0.00	26.86 1.07 0.00	31.71 1.44 0.00	33.68 1.15 0.00	36.42 0.87 0.00	31.54 0.39 0.00	29.14 0.10 0.00	22.72 -0.16 0.00	24.12 -0.35 0.00	25.99 -0.49 0.00	42.87 0.54 0.00	49.08 1.46 0.00	45.54 1.41 0.00	47.15 1.60 0.00	42.31 1.49 0.00	38.48 1.11 0.00	27.80 0.52 0.00
NEG WEST_LEA_LOCKPORT 23791	39.46 -2.74 0.00	34.27 -2.69 0.00	25.21 -1.87 0.00	25.29 -1.80 0.00	28.39 -1.85 0.00	29.87 -1.88 0.00	24.77 -1.72 0.00	22.91 -1.64 0.00	24.07 -1.72 0.00	28.20 -2.08 0.00	30.23 -2.29 0.00	33.15 -2.40 0.00	28.94 -2.22 0.00	27.10 -1.94 0.00	21.28 -1.59 0.00	22.75 -1.71 0.00	24.56 -1.92 0.00	38.93 -3.39 0.00	43.49 -4.13 0.00	40.94 -3.19 0.00	42.75 -2.80 0.00	38.55 -2.27 0.00	35.24 -2.14 0.00	26.19 -1.10 0.00
NEG WEST___LANCASTER 23811	39.54 -2.66 0.00	34.43 -2.52 0.00	25.23 -1.85 0.00	25.36 -1.73 0.00	28.43 -1.81 0.00	29.94 -1.82 0.00	24.84 -1.65 0.00	23.03 -1.51 0.00	24.19 -1.59 0.00	28.38 -1.90 0.00	30.39 -2.13 0.00	33.35 -2.20 0.00	29.08 -2.08 0.00	27.23 -1.81 0.00	21.43 -1.44 0.00	22.91 -1.56 0.00	24.74 -1.74 0.00	39.32 -3.01 0.00	43.95 -3.67 0.00	41.24 -2.89 0.00	43.03 -2.52 0.00	38.68 -2.15 0.00	35.42 -1.96 0.00	26.11 -1.17 0.00
NEG_PENN_ALLEGHNY 23528	41.65 -0.55 0.00	36.53 -0.43 0.00	26.71 -0.38 0.00	26.81 -0.28 0.00	29.91 -0.32 0.00	31.44 -0.32 0.00	26.19 -0.29 0.00	24.28 -0.27 0.00	25.45 -0.34 0.00	29.78 -0.49 0.00	31.96 -0.57 0.00	35.04 -0.52 0.00	30.70 -0.45 0.00	28.62 -0.42 0.00	22.62 -0.26 0.00	24.14 -0.32 0.00	26.17 -0.31 0.00	41.79 -0.53 0.00	47.03 -0.59 0.00	43.68 -0.45 0.00	45.24 -0.31 0.00	40.51 -0.31 0.00	37.14 -0.24 0.00	27.07 -0.21 0.00
NEG___GEN_MONROE 24207	40.98 -1.22 0.00	35.75 -1.21 0.00	26.26 -0.83 0.00	26.30 -0.79 0.00	29.41 -0.82 0.00	30.95 -0.80 0.00	25.72 -0.76 0.00	23.83 -0.72 0.00	25.00 -0.78 0.00	29.22 -1.06 0.00	31.30 -1.23 0.00	34.30 -1.25 0.00	29.98 -1.18 0.00	28.05 -0.99 0.00	22.05 -0.83 0.00	23.60 -0.87 0.00	25.54 -0.94 0.00	40.85 -1.48 0.00	46.02 -1.60 0.00	43.14 -0.99 0.00	44.77 -0.78 0.00	40.16 -0.67 0.00	36.67 -0.71 0.00	26.94 -0.35 0.00
NEPA___ENERGY 23901	39.91 -2.29 0.00	34.91 -2.05 0.00	25.41 -1.68 0.00	25.62 -1.48 0.00	28.73 -1.51 0.00	30.26 -1.50 0.00	25.13 -1.35 0.00	23.29 -1.26 0.00	24.39 -1.40 0.00	28.57 -1.71 0.00	30.60 -1.93 0.00	33.64 -1.91 0.00	29.29 -1.87 0.00	27.40 -1.63 0.00	21.67 -1.20 0.00	23.12 -1.34 0.00	25.05 -1.43 0.00	39.74 -2.58 0.00	44.46 -3.15 0.00	41.57 -2.56 0.00	43.47 -2.08 0.00	38.99 -1.84 0.00	35.84 -1.54 0.00	26.24 -1.04 0.00

NEVERSINK___HYD 23608	43.09 0.89 0.00	37.69 0.73 0.00	27.64 0.56 0.00	27.60 0.51 0.00	30.74 0.51 0.00	32.26 0.50 0.00	26.97 0.49 0.00	25.09 0.54 0.00	26.41 0.63 0.00	31.13 0.85 0.00	33.47 0.94 0.00	36.65 1.10 0.00	31.96 0.81 0.00	29.05 0.01 0.00	22.99 0.12 0.00	24.61 0.14 0.00	26.66 0.18 0.00	42.58 0.26 0.00	47.76 0.14 0.00	44.12 -0.01 0.00	45.60 0.05 0.00	41.82 1.00 0.00	40.02 0.83 -1.82	28.65 0.50 -0.87
NEWKRMKL_115KV_TB1 55635	42.65 0.45 0.00	37.41 0.45 0.00	27.54 0.45 0.00	23.51 0.45 4.03	30.63 0.39 0.00	32.15 0.40 0.00	26.81 0.33 0.00	24.91 0.37 0.00	26.10 0.43 0.11	30.84 0.56 0.00	32.98 0.60 0.15	35.54 0.55 0.56	31.66 0.50 0.00	28.50 0.53 1.08	23.46 0.58 0.00	25.14 0.68 0.00	27.21 0.73 0.00	42.75 0.96 0.53	48.54 0.92 0.00	44.79 0.66 0.00	46.12 0.57 0.00	41.23 0.40 0.00	35.22 0.34 2.50	26.37 0.28 1.19
NEWTON___FALLS_HYD 23847	43.09 0.89 0.00	37.59 0.63 0.00	27.40 0.32 0.00	27.38 0.28 0.00	30.68 0.45 0.00	32.43 0.68 0.00	27.02 0.53 0.00	24.89 0.34 0.00	26.12 0.34 0.00	30.66 0.38 0.00	32.83 0.31 0.00	35.54 -0.01 0.00	31.12 -0.04 0.00	28.63 -0.41 0.00	22.36 -0.52 0.00	23.87 -0.59 0.00	25.94 -0.54 0.00	41.86 -0.46 0.00	48.11 0.49 0.00	45.27 1.14 0.00	46.65 1.10 0.00	41.90 1.08 0.00	38.30 0.92 0.00	27.97 0.69 0.00
NGRID_A1_DSASP 323792	38.87 -3.33 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.12 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.40 0.00	29.90 -2.62 0.00	32.80 -2.75 0.00	28.62 -2.53 0.00	26.84 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.47 -3.85 0.00	42.91 -4.70 0.00	40.35 -3.78 0.00	42.13 -3.42 0.00	38.02 -2.80 0.00	34.76 -2.62 0.00	25.94 -1.34 0.00
NGRID_A2_DSASP 323793	38.87 -3.33 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.12 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.40 0.00	29.90 -2.62 0.00	32.80 -2.75 0.00	28.62 -2.53 0.00	26.84 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.47 -3.85 0.00	42.91 -4.70 0.00	40.35 -3.78 0.00	42.13 -3.42 0.00	38.02 -2.80 0.00	34.76 -2.62 0.00	25.94 -1.34 0.00
NGRID_A4_DSASP 323807	38.87 -3.33 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.12 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.40 0.00	29.90 -2.62 0.00	32.80 -2.75 0.00	28.62 -2.53 0.00	26.84 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.47 -3.85 0.00	42.91 -4.70 0.00	40.35 -3.78 0.00	42.13 -3.42 0.00	38.02 -2.80 0.00	34.76 -2.62 0.00	25.94 -1.34 0.00
NIAGARA_115E_LBMP 323715	38.98 -3.22 0.00	33.84 -3.13 0.00	24.90 -2.19 0.00	24.98 -2.11 0.00	28.04 -2.19 0.00	29.52 -2.24 0.00	24.46 -2.02 0.00	22.63 -1.91 0.00	23.78 -2.01 0.00	27.89 -2.39 0.00	29.94 -2.58 0.00	32.83 -2.72 0.00	28.65 -2.50 0.00	26.84 -2.20 0.00	21.07 -1.81 0.00	22.50 -1.97 0.00	24.27 -2.21 0.00	38.33 -3.99 0.00	42.76 -4.85 0.00	40.24 -3.89 0.00	42.03 -3.52 0.00	37.98 -2.85 0.00	34.70 -2.68 0.00	25.87 -1.41 0.00
NIAGARA_115W_LBMP 323714	38.80 -3.40 0.00	33.75 -3.22 0.00	24.94 -2.14 0.00	25.03 -2.07 0.00	28.08 -2.15 0.00	29.57 -2.19 0.00	24.50 -1.99 0.00	22.56 -1.99 0.00	23.69 -2.09 0.00	27.82 -2.46 0.00	29.85 -2.67 0.00	32.74 -2.81 0.00	28.57 -2.59 0.00	26.78 -2.26 0.00	21.00 -1.87 0.00	22.44 -2.02 0.00	24.20 -2.28 0.00	38.39 -3.93 0.00	42.83 -4.79 0.00	40.28 -3.85 0.00	42.04 -3.51 0.00	37.96 -2.87 0.00	34.71 -2.67 0.00	25.91 -1.38 0.00
NIAGARA_230_LBMP 323716	39.15 -3.06 0.00	34.01 -2.95 0.00	25.04 -2.05 0.00	25.13 -1.97 0.00	28.19 -2.04 0.00	29.68 -2.08 0.00	24.58 -1.90 0.00	22.76 -1.79 0.00	23.92 -1.87 0.00	28.08 -2.19 0.00	30.12 -2.41 0.00	33.03 -2.52 0.00	28.82 -2.33 0.00	27.00 -2.04 0.00	21.19 -1.69 0.00	22.64 -1.82 0.00	24.43 -2.05 0.00	38.77 -3.55 0.00	43.25 -4.36 0.00	40.65 -3.48 0.00	42.43 -3.13 0.00	38.27 -2.56 0.00	34.98 -2.40 0.00	25.97 -1.31 0.00
NIAGARA___115KV_198_GIBSON 55903	38.80 -3.40 0.00	33.75 -3.22 0.00	24.94 -2.14 0.00	25.02 -2.08 0.00	28.08 -2.15 0.00	29.57 -2.18 0.00	24.50 -1.98 0.00	22.56 -1.99 0.00	23.70 -2.09 0.00	27.82 -2.46 0.00	29.85 -2.67 0.00	32.74 -2.81 0.00	28.57 -2.59 0.00	26.78 -2.26 0.00	21.01 -1.87 0.00	22.44 -2.03 0.00	24.20 -2.28 0.00	38.40 -3.92 0.00	42.83 -4.79 0.00	40.27 -3.86 0.00	42.04 -3.51 0.00	37.96 -2.87 0.00	34.72 -2.66 0.00	25.91 -1.38 0.00
NIAGARA____ 23760	39.15 -3.06 0.00	34.01 -2.95 0.00	25.04 -2.05 0.00	25.13 -1.97 0.00	28.19 -2.04 0.00	29.68 -2.08 0.00	24.58 -1.90 0.00	22.76 -1.79 0.00	23.92 -1.87 0.00	28.08 -2.19 0.00	30.12 -2.41 0.00	33.03 -2.52 0.00	28.82 -2.33 0.00	27.00 -2.04 0.00	21.19 -1.69 0.00	22.64 -1.82 0.00	24.43 -2.05 0.00	38.77 -3.55 0.00	43.25 -4.36 0.00	40.65 -3.48 0.00	42.43 -3.13 0.00	38.27 -2.56 0.00	34.98 -2.40 0.00	25.97 -1.31 0.00
NINE_MILE_1 23575	40.51 -1.69 0.00	35.61 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.16 -1.07 0.00	30.65 -1.11 0.00	25.52 -0.96 0.00	23.61 -0.94 0.00	24.78 -1.01 0.00	29.03 -1.25 0.00	31.21 -1.31 0.00	34.14 -1.41 0.00	29.93 -1.23 0.00	27.88 -1.15 0.00	21.97 -0.90 0.00	23.48 -0.98 0.00	25.44 -1.04 0.00	40.64 -1.68 0.00	45.76 -1.86 0.00	42.48 -1.65 0.00	43.85 -1.70 0.00	39.31 -1.51 0.00	36.01 -1.37 0.00	26.33 -0.95 0.00
NINE_MILE_2 23744	40.51 -1.69 0.00	35.62 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.17 -1.07 0.00	30.65 -1.11 0.00	25.52 -0.96 0.00	23.62 -0.93 0.00	24.78 -1.01 0.00	29.03 -1.24 0.00	31.22 -1.31 0.00	34.14 -1.41 0.00	29.93 -1.23 0.00	27.89 -1.15 0.00	21.97 -0.90 0.00	23.48 -0.98 0.00	25.44 -1.03 0.00	40.65 -1.67 0.00	45.76 -1.85 0.00	42.49 -1.64 0.00	43.86 -1.69 0.00	39.31 -1.51 0.00	36.01 -1.37 0.00	26.33 -0.95 0.00
NM_CAPITAL___DRP 24208	42.81 0.61 0.00	37.54 0.57 0.00	27.63 0.55 0.00	30.27 0.52 -2.66	30.71 0.48 0.00	32.24 0.48 0.00	26.88 0.39 0.00	24.97 0.42 0.00	26.36 0.50 -0.07	30.92 0.65 0.00	33.32 0.70 -0.10	36.60 0.67 -0.37	31.73 0.57 0.00	30.39 0.63 -0.71	23.54 0.67 0.00	25.25 0.78 0.00	27.30 0.82 0.00	45.45 1.12 -2.00	48.70 1.09 0.00	44.90 0.77 0.00	46.25 0.70 0.00	41.35 0.52 0.00	35.06 0.45 2.77	26.33 0.37 1.32
NM_CENTRAL___DRP 24181	41.19 -1.01 0.00	36.17 -0.79 0.00	26.52 -0.56 0.00	26.56 -0.54 0.00	29.61 -0.62 0.00	31.12 -0.63 0.00	25.92 -0.56 0.00	23.98 -0.56 0.00	25.15 -0.63 0.00	29.47 -0.81 0.00	31.69 -0.84 0.00	34.70 -0.85 0.00	30.44 -0.72 0.00	28.34 -0.70 0.00	22.33 -0.54 0.00	23.86 -0.60 0.00	25.83 -0.64 0.00	41.29 -1.03 0.00	46.56 -1.06 0.00	43.23 -0.90 0.00	44.64 -0.91 0.00	39.98 -0.84 0.00	36.65 -0.73 0.00	26.78 -0.51 0.00

NM_FRONTIER___DRP 24179	38.80 -3.40 0.00	33.75 -3.22 0.00	24.94 -2.14 0.00	25.02 -2.08 0.00	28.08 -2.15 0.00	29.57 -2.18 0.00	24.50 -1.98 0.00	22.56 -1.99 0.00	23.70 -2.09 0.00	27.82 -2.46 0.00	29.85 -2.67 0.00	32.74 -2.81 0.00	28.57 -2.59 0.00	26.78 -2.26 0.00	21.01 -1.87 0.00	22.44 -2.03 0.00	24.20 -2.28 0.00	38.40 -3.92 0.00	42.83 -4.79 0.00	40.27 -3.86 0.00	42.04 -3.51 0.00	37.96 -2.87 0.00	34.72 -2.66 0.00	25.91 -1.38 0.00
NM_ST_REGIS___HYD 24053	43.71 1.51 0.00	38.19 1.23 0.00	27.80 0.72 0.00	27.73 0.64 0.00	31.04 0.81 0.00	32.70 0.94 0.00	27.25 0.77 0.00	25.25 0.71 0.00	26.54 0.75 0.00	31.12 0.84 0.00	33.27 0.75 0.00	36.23 0.68 0.00	31.65 0.49 0.00	29.32 0.28 0.00	22.93 0.05 0.00	24.41 -0.05 0.00	26.44 -0.03 0.00	42.87 0.55 0.00	48.79 1.17 0.00	45.59 1.46 0.00	47.18 1.63 0.00	42.40 1.58 0.00	38.70 1.32 0.00	28.14 0.85 0.00
NORTHPORT___1 23551	43.50 1.30 0.00	37.98 1.02 0.00	27.83 0.75 0.00	27.96 0.58 -0.29	30.74 0.51 0.00	32.09 0.33 0.00	26.73 0.25 0.00	25.06 0.51 0.00	26.47 0.68 -0.01	31.35 1.07 0.00	34.34 1.80 -0.01	37.76 2.17 -0.04	33.19 2.03 0.00	31.08 1.97 -0.08	24.57 1.69 0.00	26.04 1.58 0.00	27.90 1.43 0.00	44.06 1.74 0.00	49.08 1.47 0.00	45.41 1.28 0.00	46.72 1.17 0.00	41.98 1.16 0.00	41.97 1.21 -3.38	29.64 0.75 -1.61
NORTHPORT___2 23552	43.50 1.30 0.00	37.98 1.02 0.00	27.83 0.75 0.00	27.96 0.58 -0.29	30.74 0.51 0.00	32.09 0.33 0.00	26.73 0.25 0.00	25.06 0.51 0.00	26.47 0.68 -0.01	31.35 1.07 0.00	34.34 1.80 -0.01	37.76 2.17 -0.04	33.19 2.03 0.00	31.08 1.97 -0.08	24.57 1.69 0.00	26.04 1.58 0.00	27.90 1.43 0.00	44.06 1.74 0.00	49.08 1.47 0.00	45.41 1.28 0.00	46.72 1.17 0.00	41.98 1.16 0.00	41.97 1.21 -3.38	29.64 0.75 -1.61
NORTHPORT___3 23553	43.84 1.64 0.00	38.25 1.28 0.00	28.03 0.94 0.00	28.19 0.81 -0.29	31.01 0.78 0.00	32.42 0.66 0.00	27.03 0.55 0.00	25.29 0.74 0.00	26.72 0.93 -0.01	31.54 1.26 0.00	34.29 1.76 -0.01	37.63 2.05 -0.04	33.02 1.86 0.00	30.93 1.82 -0.08	24.45 1.57 0.00	25.96 1.49 0.00	27.69 1.22 0.00	43.83 1.51 0.00	48.88 1.27 0.00	45.20 1.07 0.00	46.51 0.96 0.00	41.86 1.04 0.00	41.94 1.18 -3.38	29.64 0.74 -1.61
NORTHPORT___4 23650	43.84 1.64 0.00	38.25 1.28 0.00	28.03 0.94 0.00	28.19 0.81 -0.29	31.01 0.78 0.00	32.42 0.66 0.00	27.03 0.55 0.00	25.29 0.74 0.00	26.72 0.93 -0.01	31.54 1.26 0.00	34.29 1.76 -0.01	37.63 2.05 -0.04	33.02 1.86 0.00	30.93 1.82 -0.08	24.45 1.57 0.00	25.96 1.49 0.00	27.69 1.22 0.00	43.83 1.51 0.00	48.88 1.27 0.00	45.20 1.07 0.00	46.51 0.96 0.00	41.86 1.04 0.00	41.94 1.18 -3.38	29.64 0.74 -1.61
NORTHPORT___IC 23718	43.50 1.30 0.00	37.98 1.02 0.00	27.83 0.75 0.00	27.95 0.58 -0.29	30.74 0.51 0.00	32.09 0.33 0.00	26.73 0.25 0.00	25.06 0.51 0.00	26.47 0.68 -0.01	31.35 1.08 0.00	34.34 1.80 -0.01	37.75 2.16 -0.04	33.19 2.03 0.00	31.09 1.97 -0.08	24.57 1.69 0.00	26.03 1.57 0.00	27.91 1.43 0.00	44.05 1.73 0.00	49.08 1.47 0.00	45.41 1.28 0.00	46.72 1.17 0.00	41.98 1.16 0.00	41.96 1.20 -3.38	29.65 0.75 -1.61
NORTH___COUNTRY_ESR 323785	42.96 0.76 0.00	37.75 0.79 0.00	27.64 0.55 0.00	27.48 0.39 0.00	30.69 0.46 0.00	32.31 0.56 0.00	26.89 0.40 0.00	25.00 0.45 0.00	26.45 0.66 0.00	31.18 0.90 0.00	33.25 0.72 0.00	36.03 0.48 0.00	31.25 0.10 0.00	28.96 -0.08 0.00	22.65 -0.23 0.00	24.03 -0.44 0.00	25.96 -0.52 0.00	42.58 0.25 0.00	48.47 0.85 0.00	44.90 0.77 0.00	46.46 0.91 0.00	41.73 0.91 0.00	37.99 0.61 0.00	27.52 0.24 0.00
NPX_GEN_1385_PROXY 323591	43.51 1.31 0.00	37.98 1.02 0.00	27.84 0.76 0.00	27.68 0.50 -0.08	30.72 0.49 0.00	32.10 0.34 0.00	25.69 0.26 1.06	25.18 0.63 0.00	26.55 0.76 -0.01	31.45 1.17 0.00	33.73 1.86 0.66	37.93 2.34 -0.04	33.61 2.45 0.00	31.33 2.22 -0.08	24.67 1.80 0.00	26.23 1.77 0.00	28.16 1.68 0.00	44.31 1.99 0.00	49.21 1.59 0.00	45.37 1.24 0.00	46.72 1.17 0.00	42.03 1.20 0.00	41.99 1.23 -3.38	29.64 0.75 -1.61
NPX_GEN_CSC 323557	43.11 0.91 0.00	37.62 0.66 0.00	27.60 0.52 0.00	27.54 0.36 -0.08	30.50 0.26 0.00	31.83 0.07 0.00	25.43 0.00 1.06	24.84 0.29 0.00	26.29 0.50 -0.01	31.18 0.90 0.00	33.42 1.55 0.66	37.43 1.84 -0.04	32.95 1.79 0.00	30.88 1.76 -0.08	24.58 1.70 0.00	26.12 1.66 0.00	28.00 1.52 0.00	44.20 1.87 0.00	49.04 1.43 0.00	45.48 1.35 0.00	46.76 1.21 0.00	41.88 1.06 0.00	41.76 1.00 -3.38	29.43 0.53 -1.61
NSINS_S_GLNS_FALLS 23858	43.88 1.68 0.00	38.45 1.49 0.00	28.28 1.19 0.00	31.47 1.29 -3.08	31.61 1.38 0.00	33.23 1.47 0.00	27.71 1.23 0.00	25.62 1.07 0.00	27.12 1.25 -0.08	31.69 1.42 0.00	33.87 1.23 -0.11	37.19 1.21 -0.43	32.15 0.99 0.00	30.87 1.01 -0.82	23.70 0.82 0.00	25.53 1.06 0.00	27.66 1.18 0.00	45.96 2.03 -1.61	50.04 2.43 0.00	46.38 2.25 0.00	47.79 2.24 0.00	42.66 1.84 0.00	35.99 1.65 3.04	27.03 1.19 1.45
NUCOR_STEEL___DRP 24197	41.55 -0.65 0.00	36.48 -0.49 0.00	26.78 -0.30 0.00	26.77 -0.33 0.00	29.84 -0.39 0.00	31.37 -0.39 0.00	26.13 -0.35 0.00	24.18 -0.36 0.00	25.38 -0.40 0.00	29.72 -0.56 0.00	31.90 -0.62 0.00	34.99 -0.56 0.00	30.53 -0.62 0.00	28.53 -0.51 0.00	22.50 -0.38 0.00	23.91 -0.55 0.00	26.03 -0.45 0.00	41.71 -0.61 0.00	47.08 -0.53 0.00	43.85 -0.28 0.00	45.33 -0.22 0.00	40.57 -0.25 0.00	37.00 -0.38 0.00	27.09 -0.19 0.00
NUMBER_THREE_WT_PWR 323818	42.45 0.25 0.00	37.03 0.07 0.00	27.04 -0.04 0.00	27.05 -0.04 0.00	30.32 0.09 0.00	32.18 0.42 0.00	26.80 0.32 0.00	24.56 0.01 0.00	25.79 0.01 0.00	30.29 0.02 0.00	32.48 -0.04 0.00	34.84 -0.71 0.00	30.73 -0.42 0.00	28.04 -1.00 0.00	21.83 -1.04 0.00	23.36 -1.11 0.00	25.47 -1.01 0.00	41.02 -1.30 0.00	47.56 -0.05 0.00	44.96 0.83 0.00	46.09 0.54 0.00	41.31 0.49 0.00	37.83 0.45 0.00	27.76 0.47 0.00
NYISO_LBMP_REFERENCE 24008	42.20 0.00 0.00	36.96 0.00 0.00	27.09 0.00 0.00	27.09 0.00 0.00	30.23 0.00 0.00	31.76 0.00 0.00	26.48 0.00 0.00	24.55 0.00 0.00	25.79 0.00 0.00	30.27 0.00 0.00	32.53 0.00 0.00	35.55 0.00 0.00	31.16 0.00 0.00	29.04 0.00 0.00	22.87 0.00 0.00	24.46 0.00 0.00	26.48 0.00 0.00	42.32 0.00 0.00	47.62 0.00 0.00	44.13 0.00 0.00	45.55 0.00 0.00	40.83 0.00 0.00	37.38 0.00 0.00	27.28 0.00 0.00
NYPA_BRENTWD____GT 24164	43.97 1.77 0.00	38.36 1.40 0.00	28.11 1.03 0.00	28.23 0.85 -0.29	31.05 0.81 0.00	32.41 0.65 0.00	27.01 0.52 0.00	25.31 0.76 0.00	26.75 0.96 -0.01	31.70 1.42 0.00	34.69 2.15 -0.01	38.11 2.52 -0.04	33.50 2.34 0.00	31.36 2.24 -0.08	24.81 1.93 0.00	26.34 1.87 0.00	28.23 1.75 0.00	44.61 2.29 0.00	49.73 2.11 0.00	46.05 1.92 0.00	47.38 1.83 0.00	42.52 1.69 0.00	42.41 1.65 -3.38	29.93 1.03 -1.61

NYPA_GOWANUS____GT5 24156	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NYPA_GOWANUS____GT6 24157	44.05 1.84 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.74 0.99 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.11 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.55 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61
NYPA_HARLEM__RVR__GT1 24160	43.80 1.60 0.00	38.30 1.34 0.00	28.13 1.05 0.00	28.24 0.86 -0.29	31.06 0.82 0.00	32.55 0.79 0.00	27.30 0.81 0.00	25.43 0.88 0.00	26.74 0.94 -0.01	31.56 1.29 0.00	34.10 1.56 -0.01	37.40 1.81 -0.04	32.87 1.72 0.00	30.77 1.65 -0.08	24.33 1.46 0.00	25.99 1.52 0.00	27.96 1.48 0.00	44.34 2.03 0.00	49.60 1.98 0.00	45.64 1.51 0.00	46.95 1.41 0.01	42.10 1.29 0.02	42.00 1.25 -3.37	29.74 0.84 -1.61
NYPA_HARLEM__RVR__GT2 24161	43.80 1.60 0.00	38.30 1.34 0.00	28.13 1.05 0.00	28.24 0.86 -0.29	31.06 0.82 0.00	32.55 0.79 0.00	27.30 0.81 0.00	25.43 0.88 0.00	26.74 0.94 -0.01	31.56 1.29 0.00	34.10 1.56 -0.01	37.40 1.81 -0.04	32.87 1.72 0.00	30.77 1.65 -0.08	24.33 1.46 0.00	25.99 1.52 0.00	27.96 1.48 0.00	44.34 2.03 0.00	49.60 1.98 0.00	45.64 1.51 0.00	46.95 1.41 0.01	42.10 1.29 0.02	42.00 1.25 -3.37	29.74 0.84 -1.61
NYPA_KENT____GT 24152	43.98 1.78 0.00	38.45 1.48 0.00	28.20 1.12 0.00	28.35 0.97 -0.29	31.20 0.97 0.00	32.70 0.94 0.00	27.39 0.91 0.00	25.55 1.01 0.00	26.87 1.08 -0.01	31.72 1.44 0.00	34.26 1.73 -0.01	37.62 2.03 -0.04	33.03 1.87 0.00	30.90 1.78 -0.08	24.42 1.54 0.00	26.09 1.62 0.00	28.10 1.62 0.00	44.59 2.27 0.00	49.80 2.19 0.00	45.84 1.71 0.00	47.21 1.65 0.00	42.35 1.52 0.00	42.17 1.42 -3.38	29.83 0.93 -1.61
NYPA_POUCH1____GT 24155	44.02 1.82 0.00	38.51 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.23 1.00 0.00	32.75 0.99 0.00	27.41 0.93 0.00	25.56 1.01 0.00	26.89 1.10 -0.01	31.76 1.48 0.00	34.29 1.75 -0.01	37.66 2.07 -0.04	33.06 1.90 0.00	30.88 1.76 -0.08	24.38 1.50 0.00	26.06 1.60 0.00	28.07 1.59 0.00	44.55 2.23 0.00	49.78 2.16 0.00	45.81 1.68 0.00	47.21 1.65 0.00	42.34 1.52 0.00	42.16 1.41 -3.38	29.82 0.93 -1.61
NYPA_VERNON____GT2 24162	43.92 1.72 0.00	38.40 1.44 0.00	28.18 1.10 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.84 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.29 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
NYPA_VERNON____GT3 24163	43.92 1.72 0.00	38.40 1.44 0.00	28.18 1.10 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.84 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.29 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
NYPA__ASTORIA_CC1 323568	43.87 1.67 0.00	38.36 1.39 0.00	28.16 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.97 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.39 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.10 1.34 -3.38	29.78 0.88 -1.61
NYPA__ASTORIA_CC2 323569	43.87 1.67 0.00	38.36 1.39 0.00	28.16 1.07 0.00	28.30 0.92 -0.29	31.14 0.90 0.00	32.62 0.87 0.00	27.33 0.85 0.00	25.52 0.97 0.00	26.81 1.02 -0.01	31.65 1.38 0.00	34.19 1.66 -0.01	37.52 1.93 -0.04	32.96 1.80 0.00	30.84 1.72 -0.08	24.39 1.51 0.00	26.05 1.58 0.00	28.05 1.57 0.00	44.50 2.18 0.00	49.70 2.09 0.00	45.74 1.61 0.00	47.08 1.53 0.00	42.25 1.43 0.00	42.10 1.34 -3.38	29.78 0.88 -1.61
NYPA__HOLTSVILL 23794	43.56 1.36 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.79 0.56 0.00	32.14 0.38 0.00	26.77 0.29 0.00	25.09 0.55 0.00	26.55 0.75 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.21 2.06 0.00	31.11 1.99 -0.08	24.65 1.78 0.00	26.18 1.72 0.00	28.07 1.59 0.00	44.32 2.00 0.00	49.35 1.73 0.00	45.73 1.59 0.00	47.04 1.49 0.00	42.18 1.35 0.00	42.08 1.32 -3.38	29.68 0.79 -1.61
NYPA____HELLGATE_GT1 24158	43.75 1.56 0.02	38.28 1.32 0.01	28.13 1.05 0.00	28.24 0.86 -0.29	31.06 0.82 0.00	32.55 0.79 0.00	27.30 0.81 0.00	25.43 0.88 0.00	26.74 0.94 -0.01	31.56 1.29 0.00	34.10 1.56 -0.01	37.40 1.81 -0.04	32.87 1.72 0.00	30.77 1.65 -0.08	24.33 1.46 0.00	25.99 1.52 0.00	27.96 1.48 0.00	44.34 2.03 0.00	49.60 1.98 0.00	45.64 1.51 0.00	46.95 1.41 0.00	42.14 1.32 0.00	42.01 1.26 -3.38	29.74 0.84 -1.61
NYPA____HELLGATE_GT2 24159	43.75 1.56 0.02	38.28 1.32 0.01	28.13 1.05 0.00	28.24 0.86 -0.29	31.06 0.82 0.00	32.55 0.79 0.00	27.30 0.81 0.00	25.43 0.88 0.00	26.74 0.94 -0.01	31.56 1.29 0.00	34.10 1.56 -0.01	37.40 1.81 -0.04	32.87 1.72 0.00	30.77 1.65 -0.08	24.33 1.46 0.00	25.99 1.52 0.00	27.96 1.48 0.00	44.34 2.03 0.00	49.60 1.98 0.00	45.64 1.51 0.00	46.95 1.41 0.00	42.14 1.32 0.00	42.01 1.26 -3.38	29.74 0.84 -1.61
NYS_BARGE__HYD 23848	39.49 -2.71 0.00	34.28 -2.68 0.00	25.22 -1.86 0.00	25.31 -1.79 0.00	28.40 -1.84 0.00	29.89 -1.86 0.00	24.78 -1.70 0.00	22.93 -1.62 0.00	24.08 -1.71 0.00	28.20 -2.07 0.00	30.24 -2.28 0.00	33.16 -2.39 0.00	28.95 -2.21 0.00	27.12 -1.92 0.00	21.29 -1.58 0.00	22.76 -1.70 0.00	24.56 -1.92 0.00	38.92 -3.40 0.00	43.48 -4.13 0.00	40.96 -3.17 0.00	42.76 -2.79 0.00	38.57 -2.26 0.00	35.24 -2.14 0.00	26.20 -1.08 0.00
OAK_ORCHARD__HYD 24046	40.83 -1.37 0.00	35.66 -1.30 0.00	26.18 -0.90 0.00	26.23 -0.87 0.00	29.32 -0.91 0.00	30.85 -0.91 0.00	25.65 -0.83 0.00	23.76 -0.79 0.00	24.93 -0.85 0.00	29.18 -1.10 0.00	31.32 -1.20 0.00	34.32 -1.22 0.00	30.03 -1.12 0.00	28.07 -0.97 0.00	22.08 -0.80 0.00	23.61 -0.85 0.00	25.58 -0.90 0.00	40.90 -1.42 0.00	46.02 -1.60 0.00	42.99 -1.14 0.00	44.56 -0.99 0.00	39.96 -0.86 0.00	36.51 -0.87 0.00	26.79 -0.49 0.00

OAKDALE___35_KV_LOAD 356122	41.52 -0.68 0.00	36.41 -0.55 0.00	26.63 -0.45 0.00	26.73 -0.37 0.00	29.82 -0.41 0.00	31.35 -0.41 0.00	26.11 -0.36 0.00	24.21 -0.34 0.00	25.38 -0.40 0.00	29.71 -0.57 0.00	31.89 -0.63 0.00	34.96 -0.59 0.00	30.62 -0.54 0.00	28.54 -0.50 0.00	22.56 -0.32 0.00	24.08 -0.39 0.00	26.09 -0.38 0.00	41.65 -0.67 0.00	46.85 -0.77 0.00	43.51 -0.62 0.00	45.06 -0.49 0.00	40.36 -0.47 0.00	37.00 -0.37 0.00	26.98 -0.31 0.00
OCC_CHEM___DRP 24175	38.88 -3.32 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.11 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.41 0.00	29.90 -2.62 0.00	32.81 -2.75 0.00	28.62 -2.53 0.00	26.83 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.48 -3.84 0.00	42.92 -4.70 0.00	40.35 -3.78 0.00	42.12 -3.43 0.00	38.02 -2.80 0.00	34.77 -2.61 0.00	25.94 -1.34 0.00
OH_GEN_PROXY 24063	39.17 -3.03 0.00	34.04 -2.92 0.00	25.05 -2.03 0.00	24.94 -1.95 0.21	28.21 -2.02 0.00	29.70 -2.06 0.00	23.55 -1.87 1.06	22.79 -1.75 0.00	23.96 -1.83 0.00	28.13 -2.15 0.00	29.51 -2.35 0.67	33.09 -2.46 0.00	28.88 -2.28 0.00	27.04 -2.00 0.00	21.23 -1.65 0.00	22.69 -1.78 0.00	24.48 -2.00 0.00	38.86 -3.46 0.00	43.36 -4.25 0.00	40.74 -3.39 0.00	42.51 -3.04 0.00	38.32 -2.50 0.00	35.05 -2.33 0.00	25.98 -1.30 0.00
OLIN_CORP_DRP 24177	39.05 -3.15 0.00	33.89 -3.08 0.00	24.94 -2.14 0.00	25.02 -2.08 0.00	28.09 -2.14 0.00	29.56 -2.19 0.00	24.50 -1.98 0.00	22.66 -1.88 0.00	23.82 -1.97 0.00	27.94 -2.34 0.00	29.98 -2.54 0.00	32.89 -2.66 0.00	28.70 -2.46 0.00	26.89 -2.15 0.00	21.10 -1.78 0.00	22.54 -1.92 0.00	24.32 -2.16 0.00	38.44 -3.89 0.00	42.87 -4.75 0.00	40.34 -3.79 0.00	42.12 -3.43 0.00	38.05 -2.77 0.00	34.78 -2.60 0.00	25.91 -1.38 0.00
OLIN_CORP_DSASP 323712	38.87 -3.33 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.12 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.40 0.00	29.90 -2.62 0.00	32.80 -2.75 0.00	28.62 -2.53 0.00	26.84 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.47 -3.85 0.00	42.91 -4.70 0.00	40.35 -3.78 0.00	42.13 -3.42 0.00	38.02 -2.80 0.00	34.76 -2.62 0.00	25.94 -1.34 0.00
ONEIDA_HERK_LFGE 323681	42.66 0.46 0.00	37.31 0.34 0.00	27.31 0.22 0.00	27.33 0.24 0.00	30.54 0.31 0.00	32.22 0.46 0.00	26.87 0.39 0.00	24.78 0.23 0.00	25.99 0.20 0.00	30.44 0.17 0.00	32.65 0.12 0.00	35.46 -0.09 0.00	31.20 0.04 0.00	28.80 -0.24 0.00	22.58 -0.30 0.00	24.15 -0.31 0.00	26.24 -0.24 0.00	42.12 -0.20 0.00	48.14 0.52 0.00	45.03 0.90 0.00	46.32 0.77 0.00	41.47 0.65 0.00	37.96 0.58 0.00	27.75 0.47 0.00
ONEIDA___115KV_TB4 55905	42.63 0.43 0.00	37.36 0.40 0.00	27.36 0.28 0.00	27.40 0.31 0.00	30.56 0.33 0.00	32.15 0.40 0.00	26.82 0.34 0.00	24.80 0.26 0.00	25.93 0.14 0.00	30.28 0.00 0.00	32.49 -0.03 0.00	35.54 -0.01 0.00	31.28 0.12 0.00	29.02 -0.01 0.00	22.81 -0.06 0.00	24.39 -0.08 0.00	26.46 -0.02 0.00	42.40 0.08 0.00	48.19 0.57 0.00	44.96 0.83 0.00	46.37 0.82 0.00	41.47 0.65 0.00	37.95 0.57 0.00	27.70 0.41 0.00
ONONDAGA_REF_OCCRA 23987	41.45 -0.75 0.00	36.39 -0.57 0.00	26.67 -0.42 0.00	26.71 -0.38 0.00	29.78 -0.45 0.00	31.31 -0.45 0.00	26.07 -0.41 0.00	24.13 -0.42 0.00	25.30 -0.49 0.00	29.61 -0.67 0.00	31.84 -0.69 0.00	34.88 -0.67 0.00	30.60 -0.55 0.00	28.49 -0.55 0.00	22.45 -0.43 0.00	23.97 -0.49 0.00	25.98 -0.50 0.00	41.54 -0.78 0.00	46.88 -0.74 0.00	43.55 -0.58 0.00	44.98 -0.57 0.00	40.27 -0.55 0.00	36.90 -0.48 0.00	26.94 -0.34 0.00
ONONDAGA___COGEN 23986	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.68 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.84 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
ONTARIO___LFGE 23819	41.20 -1.00 0.00	36.17 -0.79 0.00	26.47 -0.61 0.00	26.56 -0.54 0.00	29.62 -0.62 0.00	31.17 -0.59 0.00	25.95 -0.53 0.00	24.06 -0.49 0.00	25.20 -0.59 0.00	29.36 -0.92 0.00	31.31 -1.21 0.00	34.35 -1.20 0.00	30.05 -1.10 0.00	28.09 -0.96 0.00	22.16 -0.72 0.00	23.63 -0.83 0.00	25.67 -0.81 0.00	40.99 -1.33 0.00	46.38 -1.24 0.00	43.39 -0.74 0.00	44.98 -0.57 0.00	40.32 -0.51 0.00	36.91 -0.47 0.00	26.96 -0.32 0.00
ORANGEVILLE_WT_PWR 323706	39.92 -2.28 0.00	34.80 -2.17 0.00	25.51 -1.58 0.00	25.63 -1.47 0.00	28.63 -1.60 0.00	30.17 -1.59 0.00	25.04 -1.44 0.00	23.20 -1.35 0.00	24.32 -1.47 0.00	28.29 -1.99 0.00	30.01 -2.52 0.00	32.96 -2.59 0.00	28.80 -2.35 0.00	26.99 -2.05 0.00	21.28 -1.60 0.00	22.76 -1.70 0.00	24.64 -1.84 0.00	39.11 -3.21 0.00	44.03 -3.59 0.00	41.51 -2.62 0.00	43.22 -2.33 0.00	38.84 -1.99 0.00	35.62 -1.76 0.00	26.27 -1.01 0.00
ORANGEVILLE___ESR 323794	39.92 -2.28 0.00	34.80 -2.17 0.00	25.51 -1.58 0.00	25.63 -1.47 0.00	28.63 -1.60 0.00	30.17 -1.59 0.00	25.04 -1.44 0.00	23.20 -1.35 0.00	24.32 -1.47 0.00	28.29 -1.99 0.00	30.01 -2.52 0.00	32.96 -2.59 0.00	28.80 -2.35 0.00	26.99 -2.05 0.00	21.28 -1.60 0.00	22.76 -1.70 0.00	24.64 -1.84 0.00	39.11 -3.21 0.00	44.03 -3.59 0.00	41.51 -2.62 0.00	43.22 -2.33 0.00	38.84 -1.99 0.00	35.62 -1.76 0.00	26.27 -1.01 0.00
OSWEGATCHIE___HYD 24044	43.09 0.89 0.00	37.59 0.63 0.00	27.40 0.32 0.00	27.38 0.28 0.00	30.68 0.45 0.00	32.43 0.67 0.00	27.02 0.53 0.00	24.89 0.34 0.00	26.12 0.34 0.00	30.66 0.38 0.00	32.83 0.31 0.00	35.54 -0.01 0.00	31.12 -0.04 0.00	28.63 -0.41 0.00	22.36 -0.52 0.00	23.87 -0.59 0.00	25.94 -0.54 0.00	41.86 -0.46 0.00	48.11 0.49 0.00	45.27 1.14 0.00	46.65 1.10 0.00	41.90 1.08 0.00	38.30 0.92 0.00	27.97 0.69 0.00
OSWEGO___5 23606	40.81 -1.39 0.00	35.85 -1.11 0.00	26.29 -0.79 0.00	26.32 -0.77 0.00	29.36 -0.87 0.00	30.86 -0.90 0.00	25.69 -0.79 0.00	23.78 -0.77 0.00	24.95 -0.84 0.00	29.24 -1.04 0.00	31.42 -1.10 0.00	34.38 -1.17 0.00	30.13 -1.03 0.00	28.07 -0.97 0.00	22.12 -0.75 0.00	23.64 -0.82 0.00	25.61 -0.87 0.00	40.92 -1.40 0.00	46.09 -1.52 0.00	42.81 -1.32 0.00	44.20 -1.35 0.00	39.61 -1.21 0.00	36.28 -1.10 0.00	26.52 -0.76 0.00
OSWEGO___6 23613	40.81 -1.39 0.00	35.85 -1.11 0.00	26.29 -0.79 0.00	26.32 -0.77 0.00	29.36 -0.87 0.00	30.86 -0.90 0.00	25.69 -0.79 0.00	23.78 -0.77 0.00	24.95 -0.84 0.00	29.24 -1.04 0.00	31.42 -1.10 0.00	34.38 -1.17 0.00	30.13 -1.03 0.00	28.07 -0.97 0.00	22.12 -0.75 0.00	23.64 -0.82 0.00	25.61 -0.87 0.00	40.92 -1.40 0.00	46.09 -1.52 0.00	42.81 -1.32 0.00	44.20 -1.35 0.00	39.61 -1.21 0.00	36.28 -1.10 0.00	26.52 -0.76 0.00

OUTOKUMPU-AB___DRP 24206	39.69 -2.51 0.00	34.49 -2.47 0.00	25.39 -1.69 0.00	25.48 -1.62 0.00	28.58 -1.66 0.00	30.09 -1.67 0.00	24.94 -1.54 0.00	23.05 -1.50 0.00	24.21 -1.58 0.00	28.40 -1.88 0.00	30.45 -2.08 0.00	33.40 -2.15 0.00	29.15 -2.00 0.00	27.32 -1.72 0.00	21.46 -1.42 0.00	22.92 -1.54 0.00	24.75 -1.73 0.00	39.29 -3.03 0.00	43.88 -3.74 0.00	41.29 -2.84 0.00	43.09 -2.46 0.00	38.83 -1.99 0.00	35.50 -1.88 0.00	26.38 -0.90 0.00
OXBOW___BTM 323836	39.25 -2.95 0.00	34.12 -2.85 0.00	25.16 -1.92 0.00	25.24 -1.85 0.00	28.32 -1.91 0.00	29.83 -1.93 0.00	24.72 -1.77 0.00	22.80 -1.75 0.00	23.95 -1.84 0.00	28.11 -2.16 0.00	30.15 -2.37 0.00	33.07 -2.48 0.00	28.87 -2.29 0.00	27.06 -1.98 0.00	21.23 -1.64 0.00	22.69 -1.78 0.00	24.49 -1.99 0.00	38.86 -3.46 0.00	43.37 -4.24 0.00	40.81 -3.32 0.00	42.59 -2.96 0.00	38.41 -2.41 0.00	35.11 -2.27 0.00	26.15 -1.14 0.00
OXBOW___ 24026	39.26 -2.95 0.00	34.12 -2.84 0.00	25.17 -1.92 0.00	25.24 -1.85 0.00	28.32 -1.91 0.00	29.83 -1.93 0.00	24.72 -1.77 0.00	22.80 -1.74 0.00	23.95 -1.83 0.00	28.11 -2.17 0.00	30.15 -2.37 0.00	33.08 -2.47 0.00	28.86 -2.29 0.00	27.07 -1.98 0.00	21.23 -1.64 0.00	22.69 -1.78 0.00	24.49 -1.99 0.00	38.87 -3.46 0.00	43.37 -4.24 0.00	40.81 -3.32 0.00	42.59 -2.96 0.00	38.41 -2.41 0.00	35.12 -2.26 0.00	26.14 -1.14 0.00
OXY_CHEM_DSASP 323612	38.88 -3.32 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.11 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.41 0.00	29.90 -2.62 0.00	32.81 -2.75 0.00	28.62 -2.53 0.00	26.83 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.48 -3.84 0.00	42.92 -4.70 0.00	40.35 -3.78 0.00	42.12 -3.43 0.00	38.02 -2.80 0.00	34.77 -2.61 0.00	25.94 -1.34 0.00
OZONE_PARK_ESR 323760	44.32 2.12 0.00	38.73 1.77 0.00	28.37 1.29 0.00	28.56 1.18 -0.29	31.43 1.20 0.00	32.92 1.17 0.00	27.54 1.06 0.00	25.71 1.17 0.00	27.05 1.26 -0.01	31.94 1.66 0.00	34.50 1.97 -0.01	37.87 2.29 -0.04	33.24 2.08 0.00	31.11 2.00 -0.08	24.60 1.72 0.00	26.27 1.81 0.00	28.35 1.87 0.00	44.98 2.67 0.00	50.23 2.62 0.00	46.27 2.14 0.00	47.67 2.12 0.00	42.69 1.87 0.00	42.48 1.73 -3.38	30.04 1.15 -1.61
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	38.88 -3.32 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.11 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.41 0.00	29.90 -2.62 0.00	32.81 -2.75 0.00	28.62 -2.53 0.00	26.83 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.48 -3.84 0.00	42.92 -4.70 0.00	40.35 -3.78 0.00	42.12 -3.43 0.00	38.02 -2.80 0.00	34.77 -2.61 0.00	25.94 -1.34 0.00
PACKARD__115KV_DUPONT_184 80571	38.88 -3.32 0.00	33.80 -3.16 0.00	24.98 -2.11 0.00	25.06 -2.04 0.00	28.12 -2.11 0.00	29.61 -2.15 0.00	24.53 -1.95 0.00	22.60 -1.94 0.00	23.74 -2.05 0.00	27.87 -2.41 0.00	29.90 -2.62 0.00	32.81 -2.75 0.00	28.62 -2.53 0.00	26.83 -2.21 0.00	21.04 -1.83 0.00	22.48 -1.98 0.00	24.25 -2.23 0.00	38.48 -3.84 0.00	42.92 -4.70 0.00	40.35 -3.78 0.00	42.12 -3.43 0.00	38.02 -2.80 0.00	34.77 -2.61 0.00	25.94 -1.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.92 1.72 0.00	38.40 1.44 0.00	28.19 1.10 0.00	28.31 0.93 -0.29	31.15 0.91 0.00	32.65 0.89 0.00	27.36 0.87 0.00	25.49 0.94 0.00	26.80 1.01 -0.01	31.65 1.37 0.00	34.18 1.65 -0.01	37.50 1.91 -0.04	32.96 1.80 0.00	30.82 1.70 -0.08	24.34 1.47 0.00	26.02 1.56 0.00	28.00 1.53 0.00	44.45 2.12 0.00	49.70 2.09 0.00	45.75 1.62 0.00	47.11 1.56 0.00	42.27 1.45 0.00	42.10 1.34 -3.38	29.80 0.91 -1.61
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	45.35 3.15 0.00	39.66 2.70 0.00	29.14 2.05 0.00	29.26 1.88 -0.29	32.22 1.99 0.00	33.77 2.01 0.00	28.31 1.83 0.00	26.37 1.82 0.00	27.71 1.91 -0.01	32.70 2.43 0.00	35.27 2.74 -0.01	38.70 3.11 -0.04	33.98 2.82 0.00	31.73 2.62 -0.08	25.06 2.18 0.00	26.77 2.31 0.00	28.82 2.34 0.00	45.74 3.42 0.00	51.14 3.53 0.00	47.08 2.95 0.00	48.47 2.92 0.00	43.48 2.66 0.00	43.27 2.52 -3.38	30.65 1.75 -1.61
PATROON__115KV_TB1 80586	42.78 0.58 0.00	37.51 0.55 0.00	27.61 0.53 0.00	24.39 0.50 3.21	30.69 0.45 0.00	32.22 0.46 0.00	26.87 0.39 0.00	24.97 0.42 0.00	26.19 0.49 0.09	30.91 0.64 0.00	33.07 0.67 0.12	35.73 0.62 0.45	31.73 0.58 0.00	28.79 0.61 0.86	23.52 0.65 0.00	25.22 0.76 0.00	27.28 0.80 0.00	44.11 1.10 -0.69	48.71 1.09 0.00	44.93 0.80 0.00	46.26 0.71 0.00	41.35 0.53 0.00	35.25 0.45 2.58	26.41 0.36 1.23
PATTRSNVILLE___SOLAR 323815	43.24 1.04 0.00	37.87 0.91 0.00	27.79 0.70 0.00	29.61 0.71 -1.81	31.00 0.77 0.00	32.57 0.81 0.00	27.17 0.69 0.00	25.17 0.62 0.00	26.41 0.57 -0.05	30.76 0.48 0.00	32.99 0.40 -0.07	36.14 0.34 -0.25	31.49 0.34 0.00	29.83 0.31 -0.48	23.13 0.26 0.00	24.82 0.36 0.00	26.86 0.38 0.00	44.10 0.79 -0.98	48.75 1.13 0.00	45.36 1.23 0.00	46.80 1.25 0.00	41.88 1.06 0.00	36.12 0.93 2.20	26.90 0.67 1.05
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	39.74 -2.47 0.00	34.57 -2.39 0.00	25.35 -1.74 0.00	25.46 -1.63 0.00	28.55 -1.68 0.00	30.07 -1.69 0.00	24.94 -1.55 0.00	23.11 -1.44 0.00	24.27 -1.51 0.00	28.47 -1.81 0.00	30.51 -2.02 0.00	33.48 -2.07 0.00	29.20 -1.96 0.00	27.36 -1.68 0.00	21.52 -1.36 0.00	23.00 -1.47 0.00	24.84 -1.64 0.00	39.46 -2.87 0.00	44.11 -3.50 0.00	41.43 -2.70 0.00	43.24 -2.31 0.00	38.87 -1.95 0.00	35.58 -1.80 0.00	26.27 -1.01 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.89 1.69 0.00	38.37 1.41 0.00	28.16 1.07 0.00	28.11 1.02 0.00	31.27 1.03 0.00	32.77 1.01 0.00	27.40 0.92 0.00	25.54 0.99 0.00	26.91 1.12 0.00	31.76 1.49 0.00	34.27 1.74 0.00	37.59 2.04 0.00	32.99 1.83 0.00	30.81 1.76 0.00	24.33 1.46 0.00	26.02 1.55 0.00	28.12 1.64 0.00	44.75 2.42 0.00	50.04 2.42 0.00	46.12 1.99 0.00	47.48 1.93 0.00	42.45 1.63 0.00	41.77 1.45 -2.94	29.63 0.94 -1.40
PEEKSKILL___ 23653	43.55 1.35 0.00	38.10 1.14 0.00	27.95 0.86 0.00	28.16 0.80 -0.26	31.04 0.81 0.00	32.54 0.78 0.00	27.20 0.72 0.00	25.35 0.81 0.00	26.69 0.90 -0.01	31.49 1.21 0.00	34.00 1.46 -0.01	37.31 1.72 -0.04	32.71 1.56 0.00	30.61 1.50 -0.07	24.16 1.29 0.00	25.83 1.36 0.00	27.87 1.39 0.00	44.32 2.00 0.00	49.52 1.91 0.00	45.62 1.49 0.00	47.00 1.45 0.00	42.06 1.23 0.00	41.74 1.14 -3.22	29.57 0.75 -1.54
PGE MADISON___WINDPWR 24146	44.11 1.91 0.00	38.61 1.65 0.00	28.22 1.13 0.00	28.29 1.20 0.00	31.59 1.36 0.00	33.26 1.50 0.00	27.78 1.30 0.00	25.70 1.15 0.00	26.70 0.92 0.00	30.87 0.59 0.00	33.01 0.48 0.00	36.26 0.71 0.00	31.80 0.65 0.00	29.20 0.16 0.00	23.09 0.22 -0.13	24.33 0.16 0.00	26.68 0.21 0.00	43.22 0.89 0.00	49.55 1.93 0.00	46.70 2.58 0.00	48.35 2.80 0.00	43.14 2.32 0.00	39.38 2.00 0.00	28.63 1.34 0.00

PIERCEFIELD___HYD 23852	43.70 1.50 0.00	38.13 1.17 0.00	27.74 0.65 0.00	27.68 0.59 0.00	31.00 0.77 0.00	32.66 0.90 0.00	27.23 0.75 0.00	25.19 0.64 0.00	26.43 0.64 0.00	30.98 0.71 0.00	33.15 0.62 0.00	36.14 0.59 0.00	31.59 0.43 0.00	29.28 0.24 0.00	22.92 0.05 0.00	24.44 -0.03 0.00	26.49 0.01 0.00	42.75 0.43 0.00	48.65 1.04 0.00	45.50 1.37 0.00	47.06 1.51 0.00	42.31 1.49 0.00	38.66 1.28 0.00	28.16 0.87 0.00
PINELAWN_CC_1 323563	43.46 1.26 0.00	37.91 0.95 0.00	27.78 0.70 0.00	27.93 0.54 -0.29	30.71 0.48 0.00	32.08 0.33 0.00	26.75 0.27 0.00	25.05 0.50 0.00	26.46 0.67 -0.01	31.37 1.09 0.00	34.52 1.98 -0.01	37.90 2.31 -0.04	33.29 2.13 0.00	31.17 2.06 -0.08	24.64 1.76 0.00	26.19 1.73 0.00	28.07 1.60 0.00	44.43 2.11 0.00	49.57 1.95 0.00	45.85 1.72 0.00	47.21 1.66 0.00	42.38 1.55 0.00	42.30 1.54 -3.38	29.84 0.94 -1.61
PJM_GEN_HTTP_PROXY 323702	43.87 1.67 0.00	38.34 1.38 0.00	28.12 1.03 0.00	28.29 0.91 -0.29	31.15 0.92 0.00	32.63 0.88 0.00	27.29 0.80 0.00	25.49 0.94 0.00	26.82 1.02 -0.01	31.64 1.37 0.00	34.18 1.64 -0.01	37.52 1.93 -0.04	32.93 1.78 0.00	30.82 1.70 -0.08	24.36 1.49 0.00	26.03 1.57 0.00	28.07 1.59 0.00	44.55 2.23 0.00	47.46 2.11 2.27	45.81 1.68 0.00	47.17 1.62 0.00	42.24 1.41 0.00	42.08 1.33 -3.38	29.76 0.87 -1.61
PJM_GEN_KEystone 24065	36.84 -0.64 4.72	36.35 -0.62 0.00	26.31 -0.48 0.30	26.67 -0.42 0.00	29.79 -0.44 0.00	31.29 -0.47 0.00	26.08 -0.40 0.00	24.26 -0.29 0.00	25.48 -0.30 0.00	30.00 -0.28 0.00	32.26 -0.27 0.00	35.42 -0.13 0.00	30.98 -0.18 0.00	28.93 -0.11 0.00	22.87 -0.01 0.00	24.45 -0.01 0.00	26.40 -0.08 0.00	41.97 -0.35 0.00	44.65 -0.70 2.27	43.47 -0.66 0.00	45.05 -0.50 0.00	40.37 -0.45 0.00	38.67 -0.38 -1.67	28.52 -0.25 -1.49
PJM_GEN_NEPTUNE_PROXY 323594	43.55 1.35 0.00	38.03 1.07 0.00	27.87 0.79 0.00	28.04 0.66 -0.29	30.85 0.62 0.00	32.25 0.49 0.00	26.90 0.42 0.00	25.17 0.62 0.00	26.57 0.77 -0.01	31.41 1.13 0.00	34.18 1.65 -0.01	37.53 1.94 -0.04	32.94 1.78 0.00	30.85 1.73 -0.08	24.38 1.50 0.00	25.94 1.48 0.00	27.83 1.35 0.00	44.10 1.77 2.27	46.93 1.58 0.00	45.47 1.34 0.00	46.81 1.26 0.00	42.01 1.19 0.00	41.95 1.20 -3.38	29.62 0.73 -1.61
PJM_GEN_VFT_PROXY 323633	43.66 1.46 0.00	38.17 1.21 0.00	27.99 0.90 0.00	28.18 0.81 -0.29	31.03 0.80 0.00	32.51 0.76 0.00	27.20 0.72 0.00	25.39 0.85 0.00	26.71 0.91 -0.01	31.54 1.26 0.00	34.06 1.53 -0.01	37.40 1.81 -0.04	32.82 1.66 0.00	30.72 1.61 -0.08	24.29 1.41 0.00	25.95 1.49 0.00	27.98 1.50 0.00	44.40 2.08 2.27	47.29 1.94 0.00	45.63 1.50 0.00	47.00 1.44 0.00	42.10 1.28 0.00	41.94 1.19 -3.38	29.67 0.78 -1.61
PLATSBURG_115KV_PMLD1 355749	43.21 1.01 0.00	38.13 1.17 0.00	28.07 0.99 0.00	27.79 0.70 0.00	31.02 0.78 0.00	32.66 0.90 0.00	27.17 0.69 0.00	25.31 0.76 0.00	26.86 1.08 0.00	31.72 1.45 0.00	33.71 1.19 0.00	36.42 0.87 0.00	31.51 0.35 0.00	29.08 0.04 0.00	22.64 -0.24 0.00	24.02 -0.44 0.00	25.86 -0.62 0.00	42.74 0.42 0.00	48.92 1.31 0.00	45.34 1.21 0.00	46.91 1.36 0.00	42.12 1.30 0.00	38.34 0.96 0.00	27.69 0.41 0.00
PLEASANTVLY___LBMP 24000	43.39 1.19 0.00	37.96 0.99 0.00	27.87 0.79 0.00	28.20 0.76 -0.35	30.98 0.75 0.00	32.46 0.71 0.00	27.12 0.64 0.00	25.26 0.72 0.00	26.61 0.81 -0.01	31.39 1.12 0.00	33.86 1.33 -0.01	37.14 1.55 -0.05	32.55 1.39 0.00	30.50 1.37 -0.09	24.03 1.15 0.00	25.70 1.24 0.00	27.74 1.27 0.00	44.30 1.80 -0.17	49.32 1.71 0.00	45.45 1.32 0.00	46.79 1.24 0.00	41.86 1.04 0.00	42.22 0.94 -3.89	29.77 0.63 -1.86
PLSNTVLE_13_KV_13.8KVDIST 80602	43.73 1.53 0.00	38.24 1.27 0.00	28.06 0.97 0.00	28.30 0.90 -0.30	31.14 0.91 0.00	32.63 0.87 0.00	27.28 0.80 0.00	25.44 0.89 0.00	26.79 0.99 -0.01	31.60 1.33 0.00	34.12 1.58 -0.01	37.45 1.86 -0.04	32.84 1.69 0.00	30.75 1.63 -0.08	24.26 1.39 0.00	25.93 1.47 0.00	27.99 1.51 0.00	44.62 2.15 -0.15	49.69 2.08 0.00	45.78 1.65 0.00	47.14 1.59 0.00	42.18 1.36 0.00	42.14 1.26 -3.50	29.78 0.82 -1.67
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.73 1.53 0.00	38.24 1.27 0.00	28.06 0.97 0.00	28.30 0.90 -0.30	31.14 0.91 0.00	32.63 0.87 0.00	27.28 0.80 0.00	25.44 0.89 0.00	26.79 0.99 -0.01	31.60 1.33 0.00	34.12 1.58 -0.01	37.45 1.86 -0.04	32.84 1.69 0.00	30.75 1.63 -0.08	24.26 1.39 0.00	25.93 1.47 0.00	27.99 1.51 0.00	44.62 2.15 -0.15	49.69 2.08 0.00	45.78 1.65 0.00	47.14 1.59 0.00	42.18 1.36 0.00	42.14 1.26 -3.50	29.78 0.82 -1.67
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.66 1.46 0.00	38.15 1.19 0.00	28.00 0.92 0.00	28.30 0.89 -0.31	31.13 0.90 0.00	32.63 0.87 0.00	27.27 0.79 0.00	25.41 0.86 0.00	26.78 0.99 -0.01	31.59 1.32 0.00	34.06 1.53 -0.01	37.35 1.76 -0.04	32.72 1.57 0.00	30.63 1.51 -0.08	24.13 1.26 0.00	25.82 1.36 0.00	27.91 1.43 0.00	44.62 2.15 -0.15	49.77 2.16 0.00	45.88 1.75 0.00	47.23 1.68 0.00	42.22 1.40 0.00	37.48 1.22 1.12	27.54 0.79 0.53
POLETTI____ 23519	30.60 1.13 12.72	24.59 0.93 13.30	24.38 0.75 3.46	24.38 0.56 3.27	24.39 0.50 6.35	24.38 0.44 7.82	24.38 0.52 2.63	24.30 0.61 0.86	24.38 0.66 2.07	24.38 0.96 6.86	24.46 1.21 9.27	25.10 1.42 11.87	24.75 1.38 7.79	24.38 1.34 6.00	24.10 1.25 0.02	24.36 1.29 1.39	24.37 1.20 3.30	30.59 1.56 13.30	31.39 1.47 17.70	25.37 1.03 19.79	27.37 0.92 19.09	26.65 0.87 15.04	27.28 0.85 10.95	24.72 0.54 3.10
POMONA___ESR 323819	43.58 1.38 0.00	38.12 1.15 0.00	27.96 0.87 0.00	27.92 0.83 0.00	31.08 0.85 0.00	32.58 0.82 0.00	27.24 0.76 0.00	25.38 0.83 0.00	26.71 0.92 0.00	31.53 1.25 0.00	34.02 1.49 0.00	37.32 1.77 0.00	32.74 1.59 0.00	30.56 1.52 0.00	24.18 1.30 0.00	25.86 1.39 0.00	27.91 1.43 0.00	44.40 2.08 0.00	49.60 1.99 0.00	45.69 1.55 0.00	47.08 1.53 0.00	42.13 1.31 0.00	41.52 1.20 -2.94	29.47 0.78 -1.41
PORT_JEFF_3 23555	43.61 1.41 0.00	38.06 1.10 0.00	27.90 0.82 0.00	28.02 0.64 -0.29	30.82 0.59 0.00	32.17 0.41 0.00	26.79 0.31 0.00	25.12 0.57 0.00	26.61 0.81 -0.01	31.53 1.25 0.00	34.47 1.93 -0.01	37.87 2.28 -0.04	33.29 2.13 0.00	31.18 2.06 -0.08	24.71 1.83 0.00	26.25 1.79 0.00	28.13 1.65 0.00	44.44 2.12 0.00	49.47 1.86 0.00	45.85 1.72 0.00	47.15 1.60 0.00	42.27 1.45 0.00	42.16 1.40 -3.38	29.74 0.85 -1.61
PORT_JEFF_4 23616	43.61 1.41 0.00	38.06 1.10 0.00	27.90 0.82 0.00	28.02 0.64 -0.29	30.82 0.59 0.00	32.17 0.41 0.00	26.79 0.31 0.00	25.12 0.57 0.00	26.61 0.81 -0.01	31.53 1.25 0.00	34.47 1.93 -0.01	37.87 2.28 -0.04	33.29 2.13 0.00	31.18 2.06 -0.08	24.71 1.83 0.00	26.25 1.79 0.00	28.13 1.65 0.00	44.44 2.12 0.00	49.47 1.86 0.00	45.85 1.72 0.00	47.15 1.60 0.00	42.27 1.45 0.00	42.16 1.40 -3.38	29.74 0.85 -1.61

PORT_JEFF_IC 23713	43.58 1.38 0.00	38.02 1.06 0.00	27.87 0.78 0.00	27.99 0.61 -0.29	30.77 0.54 0.00	32.13 0.37 0.00	26.76 0.28 0.00	25.10 0.55 0.00	26.63 0.84 -0.01	31.56 1.28 0.00	34.51 1.97 -0.01	37.90 2.31 -0.04	33.32 2.16 0.00	31.21 2.09 -0.08	24.74 1.87 0.00	26.28 1.82 0.00	28.17 1.69 0.00	44.48 2.15 0.00	49.54 1.92 0.00	45.90 1.77 0.00	47.21 1.66 0.00	42.31 1.49 0.00	42.19 1.43 -3.38	29.76 0.86 -1.61
PPL PILGRIM_ST_GT1 24216	43.97 1.77 0.00	38.36 1.40 0.00	28.11 1.03 0.00	28.23 0.85 -0.29	31.05 0.81 0.00	32.41 0.65 0.00	27.01 0.52 0.00	25.31 0.76 0.00	26.75 0.96 -0.01	31.70 1.42 0.00	34.69 2.15 -0.01	38.11 2.52 -0.04	33.50 2.34 0.00	31.36 2.24 -0.08	24.81 1.93 0.00	26.34 1.87 0.00	28.23 1.75 0.00	44.61 2.29 0.00	49.73 2.11 0.00	46.05 1.92 0.00	47.38 1.83 0.00	42.52 1.69 0.00	42.41 1.65 -3.38	29.93 1.03 -1.61
PPL PILGRIM_ST_GT2 24217	43.97 1.77 0.00	38.36 1.40 0.00	28.11 1.03 0.00	28.23 0.85 -0.29	31.05 0.81 0.00	32.41 0.65 0.00	27.01 0.52 0.00	25.31 0.76 0.00	26.75 0.96 -0.01	31.70 1.42 0.00	34.69 2.15 -0.01	38.11 2.52 -0.04	33.50 2.34 0.00	31.36 2.24 -0.08	24.81 1.93 0.00	26.34 1.87 0.00	28.23 1.75 0.00	44.61 2.29 0.00	49.73 2.11 0.00	46.05 1.92 0.00	47.38 1.83 0.00	42.52 1.69 0.00	42.41 1.65 -3.38	29.93 1.03 -1.61
PPL_SHRM_GT3 24213	43.16 0.96 0.00	37.67 0.71 0.00	27.63 0.54 0.00	27.77 0.39 -0.29	30.53 0.30 0.00	31.86 0.10 0.00	26.51 0.03 0.00	24.86 0.31 0.00	26.30 0.51 -0.01	31.20 0.92 0.00	34.11 1.57 -0.01	37.46 1.87 -0.04	32.97 1.82 0.00	30.89 1.78 -0.08	24.59 1.72 0.00	26.14 1.67 0.00	28.02 1.54 0.00	44.23 1.91 0.00	49.08 1.47 0.00	45.52 1.39 0.00	46.80 1.26 0.00	41.92 1.10 0.00	41.78 1.02 -3.38	29.45 0.56 -1.61
PPL_SHRM_GT4 24214	43.16 0.96 0.00	37.67 0.71 0.00	27.63 0.54 0.00	27.77 0.39 -0.29	30.53 0.30 0.00	31.86 0.10 0.00	26.51 0.03 0.00	24.86 0.31 0.00	26.30 0.51 -0.01	31.20 0.92 0.00	34.11 1.57 -0.01	37.46 1.87 -0.04	32.97 1.82 0.00	30.89 1.78 -0.08	24.59 1.72 0.00	26.14 1.67 0.00	28.02 1.54 0.00	44.23 1.91 0.00	49.08 1.47 0.00	45.52 1.39 0.00	46.80 1.26 0.00	41.92 1.10 0.00	41.78 1.02 -3.38	29.45 0.56 -1.61
PROJECT___ORANGE 1 24174	41.21 -0.99 0.00	36.18 -0.78 0.00	26.53 -0.56 0.00	26.56 -0.53 0.00	29.62 -0.61 0.00	31.13 -0.62 0.00	25.93 -0.55 0.00	23.99 -0.56 0.00	25.16 -0.63 0.00	29.47 -0.80 0.00	31.70 -0.82 0.00	34.72 -0.83 0.00	30.45 -0.71 0.00	28.36 -0.68 0.00	22.35 -0.53 0.00	23.88 -0.59 0.00	25.86 -0.62 0.00	41.32 -1.00 0.00	46.57 -1.04 0.00	43.25 -0.87 0.00	44.66 -0.90 0.00	40.00 -0.82 0.00	36.67 -0.71 0.00	26.79 -0.49 0.00
PROJECT___ORANGE 2 24166	41.21 -0.99 0.00	36.18 -0.78 0.00	26.53 -0.56 0.00	26.56 -0.53 0.00	29.62 -0.61 0.00	31.13 -0.62 0.00	25.93 -0.55 0.00	23.99 -0.56 0.00	25.16 -0.63 0.00	29.47 -0.80 0.00	31.70 -0.82 0.00	34.72 -0.83 0.00	30.45 -0.71 0.00	28.36 -0.68 0.00	22.35 -0.53 0.00	23.88 -0.59 0.00	25.86 -0.62 0.00	41.32 -1.00 0.00	46.57 -1.04 0.00	43.25 -0.87 0.00	44.66 -0.90 0.00	40.00 -0.82 0.00	36.67 -0.71 0.00	26.79 -0.49 0.00
PUCKETT___SOLAR 323809	42.15 -0.05 0.00	36.95 -0.02 0.00	27.02 -0.06 0.00	27.11 0.02 0.00	30.24 0.00 0.00	31.80 0.04 0.00	26.51 0.03 0.00	24.55 0.00 0.00	25.63 -0.16 0.00	29.83 -0.45 0.00	31.93 -0.60 0.00	35.04 -0.51 0.00	30.82 -0.33 0.00	28.50 -0.54 0.00	22.54 -0.34 0.00	23.96 -0.50 0.00	26.07 -0.41 0.00	41.85 -0.47 0.00	47.39 -0.23 0.00	44.28 0.15 0.00	45.87 0.32 0.00	41.05 0.23 0.00	37.60 0.22 0.00	27.38 0.10 0.00
PYRITES___HYD 24023	44.43 2.23 0.00	38.73 1.77 0.00	28.16 1.07 0.00	28.09 1.00 0.00	31.48 1.25 0.00	33.15 1.39 0.00	27.65 1.17 0.00	25.59 1.04 0.00	26.71 0.93 0.00	31.10 0.83 0.00	33.25 0.73 0.00	36.49 0.94 0.00	31.80 0.65 0.00	29.46 0.42 0.00	23.11 0.23 0.00	24.64 0.18 0.00	26.68 0.20 0.00	43.07 0.75 0.00	49.26 1.64 0.00	46.28 2.15 0.00	47.92 2.37 0.00	43.06 2.24 0.00	39.32 1.94 0.00	28.61 1.33 0.00
QUAKERRD_115KV_BK1 80622	40.08 -2.12 0.00	35.06 -1.90 0.00	25.74 -1.35 0.00	25.77 -1.32 0.00	28.79 -1.44 0.00	30.29 -1.47 0.00	25.18 -1.30 0.00	23.34 -1.21 0.00	24.49 -1.29 0.00	28.67 -1.61 0.00	30.78 -1.75 0.00	33.71 -1.84 0.00	29.51 -1.64 0.00	27.57 -1.47 0.00	21.69 -1.18 0.00	23.19 -1.28 0.00	25.13 -1.35 0.00	40.21 -2.11 0.00	45.27 -2.35 0.00	42.22 -1.91 0.00	43.72 -1.83 0.00	39.19 -1.64 0.00	35.81 -1.57 0.00	26.26 -1.03 0.00
QUENSBRY_115KV_TB8 356137	43.86 1.66 0.00	38.44 1.47 0.00	28.27 1.18 0.00	31.41 1.31 -3.01	31.62 1.39 0.00	33.24 1.49 0.00	27.71 1.23 0.00	25.60 1.05 0.00	27.12 1.25 -0.08	31.69 1.42 0.00	33.85 1.22 -0.11	37.17 1.20 -0.42	32.14 0.98 0.00	30.84 1.00 -0.80	23.70 0.82 0.00	25.52 1.06 0.00	27.66 1.18 0.00	45.91 2.01 -1.58	50.03 2.42 0.00	46.41 2.28 0.00	47.81 2.26 0.00	42.68 1.86 0.00	36.06 1.68 3.00	27.07 1.21 1.43
RAMAPO___LBMP 323565	43.37 1.17 0.00	37.96 1.00 0.00	27.83 0.75 0.00	27.80 0.71 0.00	30.96 0.73 0.00	32.47 0.71 0.00	27.14 0.66 0.00	25.28 0.73 0.00	26.60 0.81 0.00	31.39 1.12 0.00	33.86 1.33 0.00	37.14 1.59 0.00	32.59 1.43 0.00	30.41 1.37 0.00	24.04 1.17 0.00	25.72 1.26 0.00	27.76 1.28 0.00	44.16 1.84 0.00	49.35 1.74 0.00	45.47 1.34 0.00	46.87 1.31 0.00	41.94 1.12 0.00	41.25 1.03 -2.84	29.31 0.67 -1.36
RANKINE____ 23646	39.82 -2.38 0.00	34.64 -2.33 0.00	25.42 -1.66 0.00	25.51 -1.58 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.98 -1.50 0.00	23.13 -1.42 0.00	24.29 -1.50 0.00	28.47 -1.81 0.00	30.50 -2.02 0.00	33.47 -2.08 0.00	29.19 -1.96 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.83 -1.65 0.00	39.42 -2.90 0.00	44.09 -3.53 0.00	41.43 -2.70 0.00	43.26 -2.29 0.00	38.92 -1.90 0.00	35.63 -1.75 0.00	26.34 -0.94 0.00
RAVENSWOOD_GT2_1 24244	43.87 1.67 0.00	38.35 1.39 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.83 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.49 0.00	26.04 1.58 0.00	28.07 1.60 0.00	44.56 2.24 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.19 1.64 0.00	42.27 1.45 0.00	42.11 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT2_2 24245	43.87 1.67 0.00	38.35 1.39 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.83 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.49 0.00	26.04 1.58 0.00	28.07 1.60 0.00	44.56 2.24 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.19 1.64 0.00	42.27 1.45 0.00	42.11 1.36 -3.38	29.79 0.89 -1.61

RAVENSWOOD_GT2_3 24246	43.89 1.69 0.00	38.36 1.40 0.00	28.14 1.05 0.00	28.33 0.95 -0.29	31.19 0.95 0.00	32.67 0.91 0.00	27.33 0.85 0.00	25.51 0.96 0.00	26.85 1.05 -0.01	31.68 1.41 0.00	34.22 1.69 -0.01	37.56 1.97 -0.04	32.96 1.81 0.00	30.85 1.74 -0.08	24.39 1.51 0.00	26.05 1.59 0.00	28.10 1.62 0.00	44.59 2.27 0.00	49.78 2.17 0.00	45.86 1.73 0.00	47.22 1.67 0.00	42.29 1.47 0.00	42.13 1.37 -3.38	29.80 0.91 -1.61
RAVENSWOOD_GT2_4 24247	43.89 1.69 0.00	38.36 1.40 0.00	28.14 1.05 0.00	28.33 0.95 -0.29	31.19 0.95 0.00	32.67 0.91 0.00	27.33 0.85 0.00	25.51 0.96 0.00	26.85 1.05 -0.01	31.68 1.41 0.00	34.22 1.69 -0.01	37.56 1.97 -0.04	32.96 1.81 0.00	30.85 1.74 -0.08	24.39 1.51 0.00	26.05 1.59 0.00	28.10 1.62 0.00	44.59 2.27 0.00	49.78 2.17 0.00	45.86 1.73 0.00	47.22 1.67 0.00	42.29 1.47 0.00	42.13 1.37 -3.38	29.80 0.91 -1.61
RAVENSWOOD_GT3_1 24248	43.87 1.67 0.00	38.35 1.39 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.94 0.00	32.66 0.90 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.83 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.49 0.00	26.04 1.57 0.00	28.09 1.61 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.85 1.72 0.00	47.20 1.65 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT3_2 24249	43.87 1.67 0.00	38.35 1.39 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.94 0.00	32.66 0.90 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.83 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.49 0.00	26.04 1.57 0.00	28.09 1.61 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.85 1.72 0.00	47.20 1.65 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT3_3 24250	43.94 1.74 0.00	38.41 1.44 0.00	28.16 1.08 0.00	28.35 0.97 -0.29	31.22 0.99 0.00	32.71 0.95 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.88 1.08 -0.01	31.71 1.44 0.00	34.26 1.72 -0.01	37.60 2.01 -0.04	33.00 1.85 0.00	30.89 1.77 -0.08	24.41 1.54 0.00	26.08 1.62 0.00	28.13 1.65 0.00	44.65 2.33 0.00	49.86 2.25 0.00	45.91 1.78 0.00	47.27 1.73 0.00	42.34 1.52 0.00	42.17 1.42 -3.38	29.83 0.94 -1.61
RAVENSWOOD_GT3_4 24251	43.94 1.74 0.00	38.41 1.44 0.00	28.16 1.08 0.00	28.35 0.97 -0.29	31.22 0.99 0.00	32.71 0.95 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.88 1.08 -0.01	31.71 1.44 0.00	34.26 1.72 -0.01	37.60 2.01 -0.04	33.00 1.85 0.00	30.89 1.77 -0.08	24.41 1.54 0.00	26.08 1.62 0.00	28.13 1.65 0.00	44.65 2.33 0.00	49.86 2.25 0.00	45.91 1.78 0.00	47.27 1.73 0.00	42.34 1.52 0.00	42.17 1.42 -3.38	29.83 0.94 -1.61
RAVENSWOOD_GT_1 23729	43.91 1.71 0.00	38.40 1.44 0.00	28.18 1.09 0.00	28.33 0.95 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.88 0.00	25.54 0.99 0.00	26.85 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.40 1.52 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.30 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
RAVENSWOOD_GT_10 24258	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.65 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_11 24259	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.65 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_4 24252	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.94 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.67 1.40 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.73 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.64 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_5 24254	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.94 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.67 1.40 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.73 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.64 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_6 24253	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.94 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.67 1.40 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.73 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.64 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_7 24255	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.94 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.67 1.40 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.73 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.64 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.65 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD_GT_9 24257	43.87 1.67 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.66 1.39 0.00	34.21 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.72 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.84 1.71 0.00	47.20 1.65 0.00	42.27 1.45 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61

RAVENSWOOD___1 23533	43.92 1.72 0.00	38.40 1.44 0.00	28.18 1.10 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.84 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.29 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
RAVENSWOOD___2 23534	43.92 1.72 0.00	38.40 1.44 0.00	28.18 1.10 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.84 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.29 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
RAVENSWOOD___3 23535	43.88 1.68 0.00	38.36 1.40 0.00	28.13 1.05 0.00	28.32 0.94 -0.29	31.18 0.95 0.00	32.67 0.91 0.00	27.31 0.83 0.00	25.50 0.95 0.00	26.84 1.04 -0.01	31.67 1.39 0.00	34.20 1.67 -0.01	37.55 1.96 -0.04	32.95 1.79 0.00	30.84 1.73 -0.08	24.38 1.50 0.00	26.04 1.58 0.00	28.08 1.60 0.00	44.57 2.25 0.00	49.77 2.16 0.00	45.85 1.72 0.00	47.20 1.65 0.00	42.27 1.44 0.00	42.12 1.36 -3.38	29.79 0.89 -1.61
RAVENSWOOD___4 23820	43.92 1.72 0.00	38.40 1.44 0.00	28.18 1.10 0.00	28.32 0.94 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.87 0.00	25.54 0.99 0.00	26.84 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.41 1.53 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.29 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
RCPL_TRUST___DRP 24196	43.92 1.72 0.00	38.40 1.44 0.00	28.16 1.07 0.00	28.34 0.96 -0.29	31.20 0.97 0.00	32.69 0.93 0.00	27.33 0.84 0.00	25.52 0.97 0.00	26.85 1.06 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.58 1.99 -0.04	32.98 1.82 0.00	30.87 1.75 -0.08	24.40 1.53 0.00	26.07 1.60 0.00	28.12 1.64 0.00	44.61 2.29 0.00	49.82 2.20 0.00	45.87 1.74 0.00	47.23 1.67 0.00	42.30 1.48 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
RED___ROCHESTER 323720	41.07 -1.13 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.72 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.50 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.73 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
REGAN___SOLAR 323812	43.96 1.75 0.00	38.45 1.49 0.00	28.16 1.08 0.00	29.85 1.07 -1.68	31.43 1.20 0.00	33.04 1.29 0.00	27.58 1.10 0.00	25.50 0.95 0.00	26.55 0.72 -0.05	30.59 0.31 0.00	32.53 -0.06 -0.06	35.46 -0.32 -0.23	30.84 -0.31 0.00	29.09 -0.40 -0.45	22.72 -0.15 0.00	24.12 -0.34 0.00	26.10 -0.38 0.00	43.94 0.70 -0.92	49.06 1.44 0.00	46.28 2.14 0.00	47.80 2.25 0.00	42.73 1.91 0.00	37.04 1.67 2.01	27.49 1.16 0.96
RENSSELAER___COGEN 23796	42.58 0.38 0.00	37.34 0.38 0.00	27.50 0.42 0.00	17.98 0.45 9.57	30.64 0.41 0.00	32.15 0.40 0.00	26.81 0.33 0.00	24.91 0.36 0.00	25.95 0.42 0.26	30.83 0.56 0.00	32.78 0.60 0.35	34.78 0.57 1.34	31.67 0.52 0.00	27.03 0.54 2.55	23.41 0.54 0.00	25.10 0.64 0.00	27.15 0.67 0.00	37.82 0.87 5.37	48.41 0.80 0.00	44.66 0.53 0.00	46.01 0.46 0.00	41.13 0.30 0.00	35.15 0.26 2.49	26.32 0.23 1.19
REPUBLIC_115KV_BARTNBRK 55605	45.51 3.31 0.00	40.00 3.03 0.00	29.52 2.43 0.00	32.90 2.73 -3.08	33.09 2.86 0.00	34.87 3.11 0.00	28.99 2.51 0.00	26.60 2.05 0.00	28.28 2.41 -0.08	33.06 2.78 0.00	35.34 2.71 -0.11	38.86 2.88 -0.43	33.63 2.48 0.00	32.36 2.50 -0.82	24.83 1.96 0.00	26.82 2.36 0.00	29.11 2.63 0.00	47.71 3.77 -1.62	52.13 4.51 0.00	48.66 4.53 0.00	50.38 4.84 0.00	45.03 4.20 0.00	38.12 3.78 3.04	28.52 2.69 1.45
REVERE_CPPR_DRP 24186	42.95 0.75 0.00	37.61 0.65 0.00	27.52 0.44 0.00	27.57 0.48 0.00	30.77 0.54 0.00	32.41 0.65 0.00	27.03 0.55 0.00	24.97 0.43 0.00	26.10 0.31 0.00	30.48 0.21 0.00	32.67 0.15 0.00	35.66 0.11 0.00	31.41 0.26 0.00	29.08 0.05 0.00	22.81 -0.07 0.00	24.40 -0.07 0.00	26.49 0.01 0.00	42.53 0.21 0.00	48.57 0.96 0.00	45.39 1.26 0.00	46.77 1.22 0.00	41.82 1.00 0.00	38.26 0.88 0.00	27.93 0.65 0.00
REYNLDPA_13_KV_LD 356490	43.33 1.13 0.00	37.83 0.87 0.00	27.54 0.46 0.00	27.51 0.41 0.00	30.78 0.55 0.00	32.35 0.60 0.00	26.97 0.49 0.00	24.99 0.44 0.00	26.26 0.47 0.00	30.84 0.57 0.00	33.07 0.55 0.00	36.10 0.55 0.00	31.60 0.45 0.00	29.44 0.40 0.00	23.10 0.23 0.00	24.66 0.20 0.00	26.71 0.23 0.00	42.87 0.55 0.00	48.36 0.74 0.00	44.94 0.81 0.00	46.49 0.94 0.00	41.80 0.97 0.00	38.24 0.87 0.00	27.87 0.59 0.00
REYNOLDS_115KV_TB3 80639	42.98 0.78 0.00	37.69 0.73 0.00	27.74 0.66 0.00	36.18 0.73 -8.36	30.96 0.72 0.00	32.48 0.72 0.00	27.08 0.60 0.00	25.16 0.61 0.00	26.71 0.69 -0.23	31.16 0.88 0.00	33.80 0.97 -0.31	37.70 0.98 -1.17	32.00 0.84 0.00	32.17 0.89 -2.23	23.64 0.76 0.00	25.35 0.89 0.00	27.41 0.93 0.00	47.89 1.31 -4.26	48.88 1.27 0.00	45.06 0.93 0.00	46.42 0.87 0.00	41.50 0.67 0.00	34.97 0.60 3.01	26.31 0.47 1.44
RIVERBAY____ 323610	45.35 3.15 0.00	39.66 2.70 0.00	29.14 2.05 0.00	29.26 1.88 -0.29	32.22 1.99 0.00	33.77 2.01 0.00	28.31 1.83 0.00	26.37 1.82 0.00	27.71 1.91 -0.01	32.70 2.43 0.00	35.27 2.74 -0.01	38.70 3.11 -0.04	33.98 2.82 0.00	31.73 2.62 -0.08	25.06 2.18 0.00	26.77 2.31 0.00	28.82 2.34 0.00	45.74 3.42 0.00	51.14 3.53 0.00	47.08 2.95 0.00	48.47 2.92 0.00	43.48 2.66 0.00	43.27 2.52 -3.38	30.65 1.75 -1.61
RIVERSDE_115KV_TB3 55908	42.81 0.61 0.00	37.54 0.57 0.00	27.63 0.55 0.00	30.27 0.52 -2.66	30.71 0.48 0.00	32.24 0.48 0.00	26.88 0.39 0.00	24.97 0.42 0.00	26.36 0.50 -0.07	30.92 0.65 0.00	33.32 0.70 -0.10	36.60 0.67 -0.37	31.73 0.57 0.00	30.39 0.63 -0.71	23.54 0.67 0.00	25.25 0.78 0.00	27.30 0.82 0.00	45.45 1.12 -2.00	48.70 1.09 0.00	44.90 0.77 0.00	46.25 0.70 0.00	41.35 0.52 0.00	35.06 0.45 2.77	26.33 0.37 1.32
ROARING___BROOK_WT_PWR 323790	41.93 -0.27 0.00	36.55 -0.41 0.00	26.84 -0.24 0.00	26.90 -0.19 0.00	30.04 -0.19 0.00	31.57 -0.18 0.00	26.36 -0.12 0.00	24.40 -0.14 0.00	25.66 -0.12 0.00	30.06 -0.22 0.00	32.17 -0.36 0.00	35.08 -0.47 0.00	30.86 -0.29 0.00	28.62 -0.41 0.00	22.47 -0.40 0.00	24.06 -0.40 0.00	26.16 -0.32 0.00	41.88 -0.44 0.00	47.32 -0.29 0.00	43.91 -0.22 0.00	45.13 -0.41 0.00	40.33 -0.49 0.00	37.06 -0.33 0.00	27.10 -0.18 0.00

ROCHESRG_115KV_T4 355643	40.69 -1.51 0.00	35.55 -1.41 0.00	26.10 -0.98 0.00	26.15 -0.95 0.00	29.23 -1.00 0.00	30.75 -1.00 0.00	25.57 -0.92 0.00	23.68 -0.87 0.00	24.86 -0.93 0.00	29.10 -1.17 0.00	31.24 -1.28 0.00	34.23 -1.32 0.00	29.95 -1.21 0.00	27.99 -1.05 0.00	22.01 -0.86 0.00	23.54 -0.92 0.00	25.50 -0.98 0.00	40.75 -1.57 0.00	45.83 -1.78 0.00	42.80 -1.33 0.00	44.37 -1.18 0.00	39.80 -1.02 0.00	36.37 -1.01 0.00	26.70 -0.58 0.00
ROCHESTER_9_IC 23652	40.90 -1.30 0.00	35.71 -1.25 0.00	26.21 -0.87 0.00	26.25 -0.84 0.00	29.36 -0.87 0.00	30.89 -0.87 0.00	25.67 -0.81 0.00	23.79 -0.76 0.00	24.96 -0.83 0.00	29.22 -1.06 0.00	31.38 -1.14 0.00	34.37 -1.18 0.00	30.08 -1.07 0.00	28.12 -0.92 0.00	22.12 -0.76 0.00	23.65 -0.82 0.00	25.63 -0.85 0.00	40.99 -1.33 0.00	46.11 -1.50 0.00	43.07 -1.06 0.00	44.65 -0.91 0.00	40.03 -0.80 0.00	36.57 -0.81 0.00	26.83 -0.45 0.00
ROCKVIEW_13_KV_LD 356306	43.88 1.68 0.00	38.36 1.40 0.00	28.16 1.08 0.00	28.35 0.97 -0.29	31.22 0.99 0.00	32.71 0.95 0.00	27.36 0.88 0.00	25.53 0.98 0.00	26.86 1.07 -0.01	31.69 1.42 0.00	34.23 1.70 -0.01	37.60 2.01 -0.04	32.98 1.83 0.00	30.87 1.75 -0.08	24.37 1.50 0.00	26.04 1.58 0.00	28.09 1.62 0.00	44.62 2.30 0.00	49.86 2.24 0.00	45.93 1.80 0.00	47.30 1.75 0.00	42.33 1.51 0.00	42.15 1.40 -3.38	29.83 0.93 -1.61
ROME____115KV_TB2 80656	42.95 0.75 0.00	37.61 0.65 0.00	27.52 0.44 0.00	27.57 0.48 0.00	30.77 0.54 0.00	32.41 0.65 0.00	27.03 0.55 0.00	24.97 0.43 0.00	26.10 0.31 0.00	30.48 0.21 0.00	32.67 0.15 0.00	35.66 0.11 0.00	31.41 0.26 0.00	29.08 0.05 0.00	22.81 -0.07 0.00	24.40 -0.07 0.00	26.49 0.01 0.00	42.53 0.21 0.00	48.57 0.96 0.00	45.39 1.26 0.00	46.77 1.22 0.00	41.82 1.00 0.00	38.26 0.88 0.00	27.93 0.65 0.00
ROSETON___1 23587	43.13 0.92 0.00	37.75 0.79 0.00	27.71 0.62 0.00	27.69 0.59 0.00	30.84 0.60 0.00	32.34 0.58 0.00	27.02 0.54 0.00	25.14 0.59 0.00	26.45 0.67 0.00	31.17 0.89 0.00	33.58 1.06 0.00	36.79 1.24 0.00	32.26 1.11 0.00	30.11 1.07 0.00	23.79 0.92 0.00	25.45 0.99 0.00	27.49 1.01 0.00	43.78 1.45 0.00	48.99 1.38 0.00	45.18 1.06 0.00	46.57 1.02 0.00	41.69 0.87 0.00	40.27 0.79 -2.11	28.80 0.51 -1.01
ROSETON___2 23588	43.13 0.92 0.00	37.75 0.79 0.00	27.71 0.62 0.00	27.69 0.59 0.00	30.84 0.60 0.00	32.34 0.58 0.00	27.02 0.54 0.00	25.14 0.59 0.00	26.45 0.67 0.00	31.17 0.89 0.00	33.58 1.06 0.00	36.79 1.24 0.00	32.26 1.11 0.00	30.11 1.07 0.00	23.79 0.92 0.00	25.45 0.99 0.00	27.49 1.01 0.00	43.78 1.45 0.00	48.99 1.38 0.00	45.18 1.06 0.00	46.57 1.02 0.00	41.69 0.87 0.00	40.27 0.79 -2.11	28.80 0.51 -1.01
ROTRRDAM_115KV_TB3 80664	43.05 0.85 0.00	37.71 0.75 0.00	27.69 0.60 0.00	29.58 0.63 -1.85	30.89 0.66 0.00	32.44 0.68 0.00	27.06 0.58 0.00	25.09 0.54 0.00	26.42 0.58 -0.05	30.93 0.66 0.00	33.25 0.66 -0.07	36.50 0.70 -0.26	31.77 0.62 0.00	30.15 0.62 -0.49	23.38 0.50 0.00	25.05 0.59 0.00	27.11 0.63 0.00	44.34 1.02 -1.01	48.75 1.13 0.00	45.13 0.99 0.00	46.52 0.97 0.00	41.64 0.82 0.00	35.83 0.72 2.27	26.71 0.51 1.08
RUSSELL___1 23602	41.06 -1.14 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.77 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.49 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.72 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
RUSSELL___2 23532	41.06 -1.14 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.77 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.49 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.72 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
RUSSELL___3 23549	41.06 -1.14 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.77 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.49 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.72 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
RUSSELL___4 23556	41.06 -1.14 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.77 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.49 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.72 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
RUSSELL___STATION 23914	41.06 -1.14 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.77 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.49 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.72 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
S SALMON___HYD 24043	41.41 -0.79 0.00	36.31 -0.65 0.00	26.59 -0.50 0.00	26.61 -0.48 0.00	29.74 -0.49 0.00	31.40 -0.35 0.00	26.12 -0.36 0.00	24.07 -0.47 0.00	25.27 -0.52 0.00	29.64 -0.63 0.00	31.86 -0.67 0.00	34.66 -0.90 0.00	30.30 -0.86 0.00	27.98 -1.06 0.00	21.95 -0.93 0.00	23.46 -1.01 0.00	25.47 -1.01 0.00	40.80 -1.52 0.00	46.53 -1.08 0.00	43.59 -0.54 0.00	44.93 -0.63 0.00	40.35 -0.47 0.00	36.97 -0.41 0.00	27.01 -0.27 0.00
S.PERRY__115KV_TB1 80734	41.82 -0.38 0.00	36.45 -0.51 0.00	26.68 -0.40 0.00	26.78 -0.32 0.00	29.91 -0.32 0.00	31.48 -0.28 0.00	26.18 -0.30 0.00	24.31 -0.24 0.00	25.44 -0.35 0.00	29.42 -0.85 0.00	31.20 -1.33 0.00	34.30 -1.25 0.00	29.93 -1.22 0.00	27.98 -1.06 0.00	22.02 -0.86 0.00	23.60 -0.86 0.00	25.62 -0.85 0.00	40.89 -1.43 0.00	46.32 -1.29 0.00	43.97 -0.16 0.00	45.76 0.21 0.00	41.00 0.17 0.00	37.43 0.05 0.00	27.41 0.13 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	39.57 -2.63 0.00	34.40 -2.57 0.00	25.28 -1.80 0.00	25.38 -1.72 0.00	28.45 -1.78 0.00	29.96 -1.80 0.00	24.83 -1.65 0.00	22.99 -1.56 0.00	24.15 -1.64 0.00	28.33 -1.95 0.00	30.38 -2.15 0.00	33.33 -2.22 0.00	29.09 -2.07 0.00	27.25 -1.79 0.00	21.40 -1.48 0.00	22.87 -1.59 0.00	24.69 -1.78 0.00	39.21 -3.12 0.00	43.79 -3.83 0.00	41.15 -2.98 0.00	42.96 -2.59 0.00	38.70 -2.13 0.00	35.40 -1.98 0.00	26.22 -1.06 0.00

SAWYER___23_KV_LOAD 55526	39.57 -2.63 0.00	34.40 -2.57 0.00	25.28 -1.80 0.00	25.38 -1.72 0.00	28.45 -1.78 0.00	29.96 -1.80 0.00	24.83 -1.65 0.00	22.99 -1.56 0.00	24.15 -1.64 0.00	28.33 -1.95 0.00	30.38 -2.15 0.00	33.33 -2.22 0.00	29.09 -2.07 0.00	27.25 -1.79 0.00	21.40 -1.48 0.00	22.87 -1.59 0.00	24.69 -1.78 0.00	39.21 -3.12 0.00	43.79 -3.83 0.00	41.15 -2.98 0.00	42.96 -2.59 0.00	38.70 -2.13 0.00	35.40 -1.98 0.00	26.22 -1.06 0.00
SELKIRK___I 23801	42.96 0.76 0.00	37.66 0.70 0.00	27.72 0.63 0.00	22.91 0.67 4.85	30.90 0.67 0.00	32.43 0.67 0.00	27.05 0.57 0.00	25.09 0.54 0.00	26.25 0.59 0.13	31.01 0.73 0.00	33.03 0.68 0.18	35.52 0.65 0.68	31.73 0.58 0.00	28.35 0.61 1.30	23.45 0.58 0.00	25.11 0.65 0.00	27.17 0.69 0.00	40.72 1.04 2.64	48.69 1.07 0.00	45.01 0.88 0.00	46.38 0.82 0.00	41.48 0.66 0.00	36.45 0.59 1.53	27.02 0.46 0.73
SELKIRK___II 23799	42.71 0.51 0.00	37.44 0.48 0.00	27.55 0.46 0.00	21.99 0.49 5.59	30.69 0.46 0.00	32.21 0.45 0.00	26.86 0.38 0.00	24.94 0.40 0.00	26.09 0.45 0.15	30.87 0.60 0.00	32.97 0.65 0.20	35.40 0.64 0.78	31.73 0.58 0.00	28.14 0.59 1.49	23.43 0.56 0.00	25.10 0.63 0.00	27.13 0.66 0.00	40.17 0.91 3.06	48.46 0.85 0.00	44.75 0.62 0.00	46.11 0.55 0.00	41.24 0.42 0.00	35.96 0.37 1.80	26.71 0.29 0.86
SENECA OSWGO___HYD 24041	40.90 -1.30 0.00	35.95 -1.02 0.00	26.36 -0.73 0.00	26.40 -0.70 0.00	29.43 -0.80 0.00	30.94 -0.81 0.00	25.76 -0.72 0.00	23.83 -0.72 0.00	25.00 -0.79 0.00	29.29 -0.99 0.00	31.52 -1.01 0.00	34.48 -1.07 0.00	30.18 -0.98 0.00	28.12 -0.92 0.00	22.14 -0.74 0.00	23.66 -0.80 0.00	25.63 -0.85 0.00	40.96 -1.36 0.00	46.23 -1.38 0.00	42.99 -1.14 0.00	44.38 -1.17 0.00	39.75 -1.07 0.00	36.40 -0.97 0.00	26.60 -0.68 0.00
SENECA___115KV_TB3 355854	39.86 -2.34 0.00	34.69 -2.27 0.00	25.45 -1.63 0.00	25.55 -1.54 0.00	28.64 -1.59 0.00	30.16 -1.59 0.00	25.01 -1.47 0.00	23.16 -1.39 0.00	24.31 -1.47 0.00	28.51 -1.77 0.00	30.54 -1.98 0.00	33.51 -2.04 0.00	29.24 -1.92 0.00	27.39 -1.65 0.00	21.54 -1.34 0.00	23.02 -1.44 0.00	24.87 -1.61 0.00	39.48 -2.84 0.00	44.14 -3.47 0.00	41.49 -2.64 0.00	43.32 -2.23 0.00	38.98 -1.85 0.00	35.68 -1.70 0.00	26.38 -0.91 0.00
SENECA___ENERGY 23797	41.08 -1.12 0.00	36.06 -0.90 0.00	26.42 -0.66 0.00	26.46 -0.63 0.00	29.51 -0.72 0.00	31.05 -0.71 0.00	25.85 -0.63 0.00	23.96 -0.58 0.00	25.13 -0.66 0.00	29.33 -0.94 0.00	31.39 -1.14 0.00	34.40 -1.16 0.00	30.10 -1.06 0.00	28.11 -0.93 0.00	22.18 -0.69 0.00	23.64 -0.82 0.00	25.66 -0.82 0.00	41.04 -1.28 0.00	46.35 -1.27 0.00	43.27 -0.86 0.00	44.80 -0.74 0.00	40.16 -0.66 0.00	36.72 -0.66 0.00	26.84 -0.44 0.00
SHOEMAKER___GT 23640	43.08 0.88 0.00	37.71 0.75 0.00	27.67 0.59 0.00	27.65 0.56 0.00	30.80 0.57 0.00	32.30 0.54 0.00	27.00 0.51 0.00	25.12 0.56 0.00	26.41 0.62 0.00	31.10 0.83 0.00	33.47 0.94 0.00	36.64 1.09 0.00	32.10 0.94 0.00	29.94 0.90 0.00	23.67 0.79 0.00	25.33 0.86 0.00	27.37 0.89 0.00	43.65 1.33 0.00	48.94 1.32 0.00	45.20 1.07 0.00	46.60 1.05 0.00	41.71 0.88 0.00	40.57 0.78 -2.41	28.94 0.51 -1.15
SHOEMAKR_138KV_BK 111 55601	43.08 0.88 0.00	37.71 0.74 0.00	27.67 0.59 0.00	27.64 0.55 0.00	30.79 0.56 0.00	32.29 0.54 0.00	27.00 0.51 0.00	25.11 0.56 0.00	26.41 0.62 0.00	31.10 0.83 0.00	33.48 0.96 0.00	36.67 1.12 0.00	32.13 0.98 0.00	29.98 0.94 0.00	23.70 0.82 0.00	25.36 0.89 0.00	27.40 0.92 0.00	43.68 1.35 0.00	48.94 1.33 0.00	45.17 1.04 0.00	46.58 1.03 0.00	41.69 0.87 0.00	40.51 0.77 -2.36	28.91 0.50 -1.13
SHOREHAM_IC_1 23715	43.16 0.96 0.00	37.67 0.71 0.00	27.63 0.54 0.00	27.77 0.39 -0.29	30.53 0.30 0.00	31.86 0.10 0.00	26.51 0.03 0.00	24.86 0.31 0.00	26.30 0.51 -0.01	31.20 0.92 0.00	34.11 1.57 -0.01	37.46 1.87 -0.04	32.97 1.82 0.00	30.89 1.78 -0.08	24.59 1.72 0.00	26.14 1.67 0.00	28.02 1.54 0.00	44.23 1.91 0.00	49.08 1.47 0.00	45.52 1.39 0.00	46.80 1.26 0.00	41.92 1.10 0.00	41.78 1.02 -3.38	29.45 0.56 -1.61
SHOREHAM_IC_2 23716	43.16 0.96 0.00	37.67 0.71 0.00	27.63 0.54 0.00	27.77 0.39 -0.29	30.53 0.30 0.00	31.86 0.10 0.00	26.51 0.03 0.00	24.87 0.32 0.00	26.30 0.51 -0.01	31.20 0.92 0.00	34.11 1.58 -0.01	37.46 1.87 -0.04	32.97 1.82 0.00	30.89 1.78 -0.08	24.60 1.73 0.00	26.13 1.67 0.00	28.03 1.55 0.00	44.22 1.90 0.00	49.09 1.47 0.00	45.52 1.39 0.00	46.80 1.25 0.00	41.92 1.10 0.00	41.78 1.02 -3.38	29.45 0.56 -1.61
SISSONVILLE___ 23735	43.70 1.50 0.00	38.13 1.17 0.00	27.74 0.65 0.00	27.68 0.59 0.00	31.00 0.77 0.00	32.66 0.90 0.00	27.23 0.75 0.00	25.19 0.64 0.00	26.43 0.64 0.00	30.98 0.71 0.00	33.15 0.62 0.00	36.14 0.59 0.00	31.59 0.43 0.00	29.28 0.24 0.00	22.92 0.05 0.00	24.44 -0.03 0.00	26.49 0.01 0.00	42.75 0.43 0.00	48.65 1.04 0.00	45.50 1.37 0.00	47.06 1.51 0.00	42.31 1.49 0.00	38.66 1.28 0.00	28.16 0.87 0.00
SITHE_IND_GS1 24169	40.49 -1.71 0.00	35.61 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.16 -1.07 0.00	30.65 -1.11 0.00	25.51 -0.97 0.00	23.61 -0.94 0.00	24.77 -1.02 0.00	29.02 -1.26 0.00	31.20 -1.33 0.00	34.12 -1.43 0.00	29.91 -1.25 0.00	27.88 -1.17 0.00	21.96 -0.91 0.00	23.48 -0.99 0.00	25.43 -1.05 0.00	40.61 -1.71 0.00	45.73 -1.89 0.00	42.44 -1.69 0.00	43.82 -1.73 0.00	39.27 -1.55 0.00	35.98 -1.40 0.00	26.32 -0.97 0.00
SITHE_IND_GS2 24170	40.49 -1.71 0.00	35.61 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.16 -1.07 0.00	30.65 -1.11 0.00	25.51 -0.97 0.00	23.61 -0.94 0.00	24.77 -1.02 0.00	29.02 -1.26 0.00	31.20 -1.33 0.00	34.12 -1.43 0.00	29.91 -1.25 0.00	27.88 -1.17 0.00	21.96 -0.91 0.00	23.48 -0.99 0.00	25.43 -1.05 0.00	40.61 -1.71 0.00	45.73 -1.89 0.00	42.44 -1.69 0.00	43.82 -1.73 0.00	39.27 -1.55 0.00	35.98 -1.40 0.00	26.32 -0.97 0.00
SITHE_IND_GS3 24171	40.49 -1.71 0.00	35.61 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.16 -1.07 0.00	30.65 -1.11 0.00	25.51 -0.97 0.00	23.61 -0.94 0.00	24.77 -1.02 0.00	29.02 -1.26 0.00	31.20 -1.33 0.00	34.12 -1.43 0.00	29.91 -1.25 0.00	27.88 -1.17 0.00	21.96 -0.91 0.00	23.48 -0.99 0.00	25.43 -1.05 0.00	40.61 -1.71 0.00	45.73 -1.89 0.00	42.44 -1.69 0.00	43.82 -1.73 0.00	39.27 -1.55 0.00	35.98 -1.40 0.00	26.32 -0.97 0.00
SITHE_IND_GS4 24172	40.49 -1.71 0.00	35.61 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.16 -1.07 0.00	30.65 -1.11 0.00	25.51 -0.97 0.00	23.61 -0.94 0.00	24.77 -1.02 0.00	29.02 -1.26 0.00	31.20 -1.33 0.00	34.12 -1.43 0.00	29.91 -1.25 0.00	27.88 -1.17 0.00	21.96 -0.91 0.00	23.48 -0.99 0.00	25.43 -1.05 0.00	40.61 -1.71 0.00	45.73 -1.89 0.00	42.44 -1.69 0.00	43.82 -1.73 0.00	39.27 -1.55 0.00	35.98 -1.40 0.00	26.32 -0.97 0.00

SITHE___BATAVIA 24024	40.86 -1.34 0.00	35.52 -1.44 0.00	26.10 -0.99 0.00	26.16 -0.93 0.00	29.31 -0.92 0.00	30.87 -0.89 0.00	25.63 -0.85 0.00	23.74 -0.81 0.00	24.87 -0.92 0.00	28.95 -1.33 0.00	30.98 -1.55 0.00	33.91 -1.64 0.00	29.63 -1.53 0.00	27.72 -1.32 0.00	21.76 -1.12 0.00	23.30 -1.16 0.00	25.17 -1.31 0.00	40.24 -2.08 0.00	45.37 -2.25 0.00	42.82 -1.31 0.00	44.63 -0.92 0.00	40.08 -0.75 0.00	36.56 -0.82 0.00	27.01 -0.28 0.00
SITHE___INDEPEND 23800	40.50 -1.70 0.00	35.61 -1.35 0.00	26.12 -0.96 0.00	26.15 -0.95 0.00	29.16 -1.07 0.00	30.65 -1.11 0.00	25.51 -0.97 0.00	23.61 -0.94 0.00	24.77 -1.02 0.00	29.02 -1.26 0.00	31.20 -1.33 0.00	34.12 -1.43 0.00	29.91 -1.25 0.00	27.88 -1.16 0.00	21.96 -0.91 0.00	23.48 -0.99 0.00	25.43 -1.05 0.00	40.61 -1.71 0.00	45.73 -1.89 0.00	42.44 -1.69 0.00	43.82 -1.73 0.00	39.27 -1.55 0.00	35.98 -1.40 0.00	26.32 -0.97 0.00
SITHE___MASSENA 23902	43.42 1.22 0.00	37.91 0.94 0.00	27.59 0.50 0.00	27.55 0.46 0.00	30.84 0.60 0.00	32.43 0.66 0.00	27.03 0.55 0.00	25.04 0.49 0.00	26.29 0.50 0.00	30.87 0.60 0.00	33.09 0.56 0.00	36.11 0.57 0.00	31.61 0.45 0.00	29.42 0.38 0.00	23.08 0.20 0.00	24.63 0.17 0.00	26.68 0.20 0.00	42.85 0.53 0.00	48.43 0.81 0.00	45.06 0.93 0.00	46.62 1.07 0.00	41.91 1.09 0.00	38.35 0.97 0.00	27.94 0.66 0.00
SITHE___OGDNSBRG 24021	44.32 2.12 0.00	38.65 1.69 0.00	28.09 1.00 0.00	28.03 0.94 0.00	31.41 1.17 0.00	33.05 1.30 0.00	27.57 1.09 0.00	25.52 0.97 0.00	26.65 0.86 0.00	31.07 0.79 0.00	33.23 0.71 0.00	36.42 0.86 0.00	31.78 0.63 0.00	29.50 0.45 0.00	23.16 0.29 0.00	24.69 0.23 0.00	26.75 0.27 0.00	43.09 0.77 0.00	49.17 1.56 0.00	46.10 1.97 0.00	47.74 2.19 0.00	42.91 2.08 0.00	39.20 1.82 0.00	28.53 1.25 0.00
SITHE___STERLING 23777	42.63 0.43 0.00	37.36 0.40 0.00	27.36 0.28 0.00	27.40 0.31 0.00	30.56 0.33 0.00	32.15 0.40 0.00	26.82 0.34 0.00	24.80 0.26 0.00	25.93 0.14 0.00	30.28 0.00 0.00	32.49 -0.03 0.00	35.54 -0.01 0.00	31.28 0.13 0.00	29.02 -0.01 0.00	22.81 -0.06 0.00	24.39 -0.08 0.00	26.46 -0.02 0.00	42.40 0.08 0.00	48.19 0.57 0.00	44.96 0.83 0.00	46.37 0.82 0.00	41.47 0.65 0.00	37.95 0.57 0.00	27.70 0.41 0.00
SLEIGHT__34_KV_TB1 80719	40.81 -1.39 0.00	35.73 -1.23 0.00	26.22 -0.86 0.00	26.23 -0.86 0.00	29.29 -0.94 0.00	30.81 -0.95 0.00	25.64 -0.84 0.00	23.75 -0.80 0.00	24.91 -0.87 0.00	29.12 -1.16 0.00	31.22 -1.31 0.00	34.24 -1.31 0.00	29.95 -1.21 0.00	28.01 -1.03 0.00	22.02 -0.85 0.00	23.52 -0.94 0.00	25.52 -0.95 0.00	40.91 -1.41 0.00	46.17 -1.44 0.00	43.10 -1.03 0.00	44.58 -0.97 0.00	39.92 -0.90 0.00	36.45 -0.92 0.00	26.71 -0.57 0.00
SMITHTWN_69_KV_BK 1 55830	43.86 1.66 0.00	38.26 1.30 0.00	28.02 0.94 0.00	28.15 0.77 -0.29	30.95 0.72 0.00	32.32 0.56 0.00	26.93 0.45 0.00	25.25 0.70 0.00	26.75 0.96 -0.01	31.70 1.42 0.00	34.63 2.10 -0.01	38.03 2.44 -0.04	33.42 2.27 0.00	31.31 2.19 -0.08	24.81 1.94 0.00	26.35 1.89 0.00	28.23 1.75 0.00	44.59 2.27 0.00	49.69 2.08 0.00	46.02 1.89 0.00	47.33 1.78 0.00	42.45 1.62 0.00	42.32 1.55 -3.38	29.85 0.95 -1.61
SOUTH CAIRO___GT 23612	43.78 1.58 0.00	38.35 1.39 0.00	28.21 1.12 0.00	23.08 1.20 5.21	31.45 1.22 0.00	33.03 1.27 0.00	27.56 1.08 0.00	25.63 1.09 0.00	26.85 1.20 0.14	31.67 1.39 0.00	33.65 1.32 0.19	35.82 1.00 0.73	32.06 0.90 0.00	28.60 0.95 1.39	23.77 0.89 0.00	25.46 1.00 0.00	27.66 1.18 0.00	41.40 1.96 2.88	49.84 2.22 0.00	46.33 2.20 0.00	47.77 2.22 0.00	42.57 1.75 0.00	37.74 1.46 1.09	27.79 1.03 0.52
SOUTH HAMPTN___IC 23720	43.57 1.37 0.00	38.09 1.13 0.00	28.02 0.94 0.00	28.23 0.85 -0.29	31.03 0.80 0.00	32.37 0.61 0.00	26.86 0.38 0.00	25.15 0.61 0.00	26.64 0.85 -0.01	31.59 1.32 0.00	34.51 1.98 -0.01	37.90 2.31 -0.04	33.45 2.30 0.00	31.35 2.23 -0.08	24.95 2.07 0.00	26.55 2.09 0.00	28.49 2.01 0.00	44.98 2.66 0.00	49.96 2.34 0.00	46.32 2.19 0.00	47.64 2.09 0.00	42.62 1.79 0.00	42.39 1.63 -3.38	29.87 0.97 -1.61
SOUTHDOW_115KV_TB1 355954	40.81 -1.39 0.00	35.59 -1.38 0.00	25.92 -1.16 0.00	26.02 -1.07 0.00	29.24 -0.99 0.00	30.81 -0.95 0.00	25.58 -0.90 0.00	23.73 -0.82 0.00	24.82 -0.97 0.00	29.09 -1.18 0.00	31.25 -1.28 0.00	34.32 -1.23 0.00	29.87 -1.28 0.00	27.97 -1.07 0.00	22.07 -0.80 0.00	23.60 -0.86 0.00	25.53 -0.94 0.00	40.57 -1.76 0.00	45.43 -2.18 0.00	42.56 -1.57 0.00	44.36 -1.19 0.00	39.70 -1.12 0.00	36.45 -0.93 0.00	26.73 -0.56 0.00
SOUTHOLD_69_KV_BK 2 55809	43.76 1.56 0.00	38.38 1.42 0.00	28.40 1.32 0.00	28.73 1.35 -0.29	31.59 1.36 0.00	32.92 1.16 0.00	27.20 0.72 0.00	25.38 0.82 0.00	26.89 1.10 -0.01	31.85 1.57 0.00	34.75 2.21 -0.01	38.16 2.57 -0.04	33.85 2.70 0.00	31.76 2.65 -0.08	25.30 2.43 0.00	26.99 2.53 0.00	29.02 2.55 0.00	45.84 3.52 0.00	50.94 3.33 0.00	47.23 3.10 0.00	48.57 3.02 0.00	43.40 2.58 0.00	43.04 2.28 -3.38	30.31 1.42 -1.61
SOUTHOLD___IC 23719	43.76 1.56 0.00	38.38 1.42 0.00	28.40 1.32 0.00	28.73 1.35 -0.29	31.59 1.36 0.00	32.92 1.16 0.00	27.20 0.72 0.00	25.37 0.82 0.00	26.89 1.10 -0.01	31.85 1.57 0.00	34.75 2.21 -0.01	38.16 2.57 -0.04	33.85 2.70 0.00	31.77 2.65 -0.08	25.30 2.42 0.00	26.99 2.53 0.00	29.02 2.54 0.00	45.85 3.53 0.00	50.94 3.33 0.00	47.23 3.10 0.00	48.58 3.03 0.00	43.40 2.58 0.00	43.04 2.29 -3.38	30.31 1.42 -1.61
SOUTH_FORK_WT_PWR 323839	43.41 1.21 0.00	38.20 1.24 0.00	28.41 1.33 0.00	28.83 1.45 -0.29	31.69 1.46 0.00	32.99 1.24 0.00	27.18 0.70 0.00	25.28 0.73 0.00	26.78 0.98 -0.01	31.67 1.39 0.00	34.51 1.98 -0.01	37.91 2.32 -0.04	33.75 2.59 0.00	31.69 2.58 -0.08	25.27 2.39 0.00	27.02 2.56 0.00	29.09 2.61 0.00	45.97 3.65 0.00	51.08 3.46 0.00	47.36 3.23 0.00	48.72 3.17 0.00	43.53 2.70 0.00	43.14 2.38 -3.38	30.38 1.49 -1.61
SPIERFLS_115KV_TB 1 80737	43.65 1.45 0.00	38.23 1.27 0.00	28.12 1.03 0.00	31.17 1.13 -2.95	31.42 1.18 0.00	33.04 1.28 0.00	27.55 1.06 0.00	25.47 0.91 0.00	26.96 1.09 -0.08	31.51 1.23 0.00	33.63 0.99 -0.11	36.92 0.95 -0.41	31.91 0.76 0.00	30.61 0.78 -0.79	23.52 0.65 0.00	25.33 0.87 0.00	27.45 0.97 0.00	45.61 1.74 -1.55	49.72 2.10 0.00	46.11 1.98 0.00	47.49 1.94 0.00	42.40 1.58 0.00	35.84 1.42 2.96	26.89 1.02 1.41
ST LAWRENCE____ 23600	42.82 0.62 0.00	37.39 0.43 0.00	27.25 0.16 0.00	27.21 0.12 0.00	30.45 0.22 0.00	32.00 0.24 0.00	26.68 0.20 0.00	24.73 0.18 0.00	25.98 0.19 0.00	30.54 0.26 0.00	32.75 0.23 0.00	35.74 0.19 0.00	31.29 0.13 0.00	29.13 0.09 0.00	22.88 0.00 0.00	24.43 -0.03 0.00	26.45 -0.03 0.00	42.43 0.11 0.00	47.86 0.24 0.00	44.46 0.33 0.00	45.98 0.43 0.00	41.31 0.49 0.00	37.79 0.42 0.00	27.54 0.26 0.00

STATE_CA_115KV_115_LB 55624	42.78 0.58 0.00	37.52 0.56 0.00	27.61 0.53 0.00	24.52 0.50 3.07	30.69 0.45 0.00	32.22 0.46 0.00	26.87 0.39 0.00	24.97 0.43 0.00	26.19 0.49 0.08	30.91 0.64 0.00	33.08 0.67 0.11	35.75 0.62 0.43	31.73 0.58 0.00	28.83 0.61 0.82	23.52 0.65 0.00	25.22 0.76 0.00	27.29 0.81 0.00	44.26 1.10 -0.83	48.71 1.10 0.00	44.93 0.80 0.00	46.27 0.72 0.00	41.36 0.53 0.00	35.24 0.45 2.59	26.41 0.36 1.24
STATE_ST_34_KV_LOAD 55959	41.58 -0.62 0.00	36.50 -0.46 0.00	26.80 -0.29 0.00	26.78 -0.32 0.00	29.86 -0.38 0.00	31.38 -0.37 0.00	26.15 -0.34 0.00	24.20 -0.34 0.00	25.40 -0.39 0.00	29.71 -0.57 0.00	31.88 -0.64 0.00	34.98 -0.57 0.00	30.53 -0.63 0.00	28.52 -0.52 0.00	22.48 -0.39 0.00	23.91 -0.56 0.00	26.02 -0.46 0.00	41.68 -0.64 0.00	47.06 -0.55 0.00	43.86 -0.27 0.00	45.35 -0.20 0.00	40.61 -0.21 0.00	37.04 -0.34 0.00	27.11 -0.17 0.00
STATION_5_MISC_HYD 23604	40.90 -1.30 0.00	35.71 -1.25 0.00	26.21 -0.87 0.00	26.26 -0.83 0.00	29.36 -0.87 0.00	30.89 -0.86 0.00	25.67 -0.81 0.00	23.79 -0.76 0.00	24.96 -0.82 0.00	29.22 -1.06 0.00	31.38 -1.14 0.00	34.37 -1.18 0.00	30.08 -1.07 0.00	28.13 -0.91 0.00	22.12 -0.76 0.00	23.64 -0.82 0.00	25.63 -0.85 0.00	40.99 -1.33 0.00	46.11 -1.50 0.00	43.07 -1.06 0.00	44.65 -0.91 0.00	40.03 -0.79 0.00	36.56 -0.82 0.00	26.83 -0.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.94 -1.26 0.00	35.84 -1.12 0.00	26.28 -0.80 0.00	26.33 -0.76 0.00	29.40 -0.83 0.00	30.93 -0.82 0.00	25.74 -0.74 0.00	23.85 -0.70 0.00	25.02 -0.77 0.00	29.24 -1.03 0.00	31.33 -1.20 0.00	34.34 -1.21 0.00	30.06 -1.10 0.00	28.08 -0.96 0.00	22.11 -0.77 0.00	23.61 -0.85 0.00	25.64 -0.84 0.00	41.01 -1.32 0.00	46.23 -1.38 0.00	43.16 -0.97 0.00	44.69 -0.86 0.00	40.04 -0.78 0.00	36.60 -0.78 0.00	26.80 -0.48 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.70 -1.50 0.00	35.55 -1.41 0.00	26.10 -0.98 0.00	26.14 -0.95 0.00	29.22 -1.01 0.00	30.74 -1.02 0.00	25.56 -0.92 0.00	23.68 -0.86 0.00	24.86 -0.93 0.00	29.09 -1.18 0.00	31.23 -1.29 0.00	34.22 -1.33 0.00	29.96 -1.20 0.00	28.00 -1.04 0.00	22.02 -0.85 0.00	23.54 -0.92 0.00	25.53 -0.95 0.00	40.83 -1.49 0.00	45.94 -1.67 0.00	42.88 -1.25 0.00	44.44 -1.11 0.00	39.83 -0.99 0.00	36.40 -0.98 0.00	26.69 -0.59 0.00
STA_56___34_KV_BUS2 355983	40.70 -1.50 0.00	35.55 -1.41 0.00	26.10 -0.98 0.00	26.14 -0.95 0.00	29.22 -1.01 0.00	30.74 -1.02 0.00	25.56 -0.92 0.00	23.68 -0.86 0.00	24.86 -0.93 0.00	29.09 -1.18 0.00	31.23 -1.29 0.00	34.22 -1.33 0.00	29.96 -1.20 0.00	28.00 -1.04 0.00	22.02 -0.85 0.00	23.54 -0.92 0.00	25.53 -0.95 0.00	40.83 -1.49 0.00	45.94 -1.67 0.00	42.88 -1.25 0.00	44.44 -1.11 0.00	39.83 -0.99 0.00	36.40 -0.98 0.00	26.69 -0.59 0.00
STA_67___115KV_BK2 355882	40.82 -1.38 0.00	35.64 -1.32 0.00	26.17 -0.92 0.00	26.21 -0.88 0.00	29.31 -0.92 0.00	30.83 -0.93 0.00	25.63 -0.85 0.00	23.75 -0.80 0.00	24.93 -0.86 0.00	29.17 -1.10 0.00	31.32 -1.20 0.00	34.32 -1.23 0.00	30.03 -1.13 0.00	28.07 -0.97 0.00	22.08 -0.80 0.00	23.61 -0.85 0.00	25.58 -0.90 0.00	40.90 -1.43 0.00	46.00 -1.62 0.00	42.96 -1.17 0.00	44.54 -1.01 0.00	39.94 -0.88 0.00	36.49 -0.89 0.00	26.78 -0.50 0.00
STA_7___115KV_9TRANS 80674	41.06 -1.14 0.00	35.85 -1.11 0.00	26.31 -0.78 0.00	26.35 -0.74 0.00	29.46 -0.77 0.00	30.99 -0.77 0.00	25.76 -0.72 0.00	23.87 -0.67 0.00	25.06 -0.73 0.00	29.32 -0.96 0.00	31.49 -1.03 0.00	34.51 -1.04 0.00	30.21 -0.95 0.00	28.25 -0.79 0.00	22.22 -0.66 0.00	23.75 -0.71 0.00	25.75 -0.72 0.00	41.21 -1.11 0.00	46.39 -1.23 0.00	43.31 -0.82 0.00	44.89 -0.66 0.00	40.24 -0.59 0.00	36.74 -0.64 0.00	26.95 -0.33 0.00
STA_82___115KV_TB1 80780	40.82 -1.38 0.00	35.66 -1.31 0.00	26.18 -0.90 0.00	26.22 -0.88 0.00	29.31 -0.92 0.00	30.83 -0.92 0.00	25.64 -0.85 0.00	23.75 -0.79 0.00	24.93 -0.86 0.00	29.17 -1.10 0.00	31.32 -1.21 0.00	34.32 -1.23 0.00	30.03 -1.13 0.00	28.07 -0.97 0.00	22.08 -0.80 0.00	23.61 -0.85 0.00	25.58 -0.90 0.00	40.90 -1.42 0.00	46.00 -1.61 0.00	42.98 -1.15 0.00	44.55 -1.00 0.00	39.95 -0.88 0.00	36.51 -0.87 0.00	26.79 -0.49 0.00
STEEL___WIND 323596	39.82 -2.38 0.00	34.66 -2.30 0.00	25.43 -1.65 0.00	25.53 -1.57 0.00	28.60 -1.63 0.00	30.12 -1.64 0.00	24.97 -1.51 0.00	23.11 -1.43 0.00	24.28 -1.50 0.00	28.47 -1.80 0.00	30.52 -2.00 0.00	33.47 -2.08 0.00	29.20 -1.95 0.00	27.36 -1.68 0.00	21.51 -1.37 0.00	22.99 -1.47 0.00	24.82 -1.66 0.00	39.39 -2.93 0.00	44.06 -3.55 0.00	41.42 -2.71 0.00	43.26 -2.29 0.00	38.90 -1.92 0.00	35.62 -1.76 0.00	26.34 -0.94 0.00
STEPHTWN_115KV_BK_2 55603	42.92 0.72 0.00	37.60 0.63 0.00	27.66 0.57 0.00	18.16 0.64 9.57	30.84 0.61 0.00	32.41 0.65 0.00	27.02 0.54 0.00	25.14 0.59 0.00	26.19 0.66 0.26	31.10 0.82 0.00	33.05 0.87 0.35	35.13 0.91 1.34	31.93 0.77 0.00	27.27 0.78 2.55	23.61 0.74 0.00	25.30 0.84 0.00	27.43 0.95 0.00	38.38 1.43 5.37	49.01 1.40 0.00	45.15 1.02 0.00	46.48 0.93 0.00	41.44 0.61 0.00	35.37 0.48 2.49	26.53 0.44 1.19
STEBUBEN_REC_LFGE 323667	40.75 -1.45 0.00	35.57 -1.40 0.00	25.84 -1.24 0.00	26.01 -1.08 0.00	28.91 -1.32 0.00	30.41 -1.35 0.00	25.22 -1.26 0.00	23.58 -0.96 0.00	24.76 -1.03 0.00	28.67 -1.60 0.00	30.21 -2.32 0.00	33.18 -2.37 0.00	28.92 -2.23 0.00	27.07 -1.97 0.00	21.36 -1.52 0.00	22.85 -1.61 0.00	24.88 -1.60 0.00	39.63 -2.69 0.00	44.97 -2.64 0.00	42.35 -1.78 0.00	44.02 -1.53 0.00	39.51 -1.32 0.00	36.12 -1.26 0.00	26.42 -0.86 0.00
STILLWATER___SOLAR 323814	43.80 1.60 0.00	38.36 1.40 0.00	28.19 1.11 0.00	31.77 1.18 -3.50	31.49 1.26 0.00	33.08 1.32 0.00	27.59 1.11 0.00	25.58 1.04 0.00	27.01 1.13 -0.10	31.58 1.30 0.00	33.91 1.26 -0.13	37.29 1.25 -0.49	32.21 1.05 0.00	31.05 1.08 -0.94	23.75 0.87 0.00	25.54 1.07 0.00	27.68 1.20 0.00	46.11 1.97 -1.83	49.86 2.25 0.00	46.08 1.95 0.00	47.47 1.92 0.00	42.42 1.60 0.00	35.49 1.42 3.31	26.73 1.03 1.58
STONY___BROOK 24151	43.69 1.49 0.00	38.13 1.17 0.00	27.93 0.85 0.00	28.05 0.67 -0.29	30.85 0.62 0.00	32.21 0.45 0.00	26.83 0.35 0.00	25.17 0.62 0.00	26.68 0.89 -0.01	31.63 1.35 0.00	34.58 2.04 -0.01	37.98 2.39 -0.04	33.38 2.22 0.00	31.27 2.15 -0.08	24.78 1.90 0.00	26.33 1.86 0.00	28.21 1.73 0.00	44.56 2.24 0.00	49.61 1.99 0.00	45.97 1.84 0.00	47.29 1.73 0.00	42.39 1.57 0.00	42.25 1.49 -3.38	29.81 0.91 -1.61
STURGEON_POOL_HYD 23609	43.42 1.22 0.00	37.97 1.01 0.00	27.86 0.78 0.00	26.87 0.75 0.98	30.99 0.75 0.00	32.48 0.72 0.00	27.15 0.67 0.00	25.28 0.73 0.00	26.59 0.83 0.03	31.40 1.12 0.00	33.82 1.34 0.04	36.98 1.56 0.14	32.53 1.37 0.00	30.07 1.29 0.26	23.95 1.08 0.00	25.63 1.17 0.00	27.68 1.20 0.00	43.57 1.80 0.55	49.35 1.74 0.00	45.51 1.38 0.00	46.88 1.33 0.00	41.98 1.15 0.00	39.84 1.03 -1.43	28.62 0.65 -0.68

ST_LAW_115_BK7_LBMP 345037	42.89 0.69 0.00	37.44 0.48 0.00	27.28 0.19 0.00	27.24 0.14 0.00	30.49 0.25 0.00	32.04 0.29 0.00	26.71 0.23 0.00	24.75 0.21 0.00	26.00 0.21 0.00	30.56 0.28 0.00	32.78 0.25 0.00	35.77 0.22 0.00	31.29 0.14 0.00	29.15 0.11 0.00	22.88 0.00 0.00	24.43 -0.03 0.00	26.45 -0.03 0.00	42.45 0.12 0.00	47.88 0.27 0.00	44.51 0.38 0.00	46.03 0.48 0.00	41.37 0.55 0.00	37.86 0.48 0.00	27.59 0.31 0.00
ST_LAW_115_BK8_LBMP 345038	42.89 0.69 0.00	37.44 0.48 0.00	27.28 0.19 0.00	27.24 0.14 0.00	30.49 0.25 0.00	32.04 0.29 0.00	26.71 0.23 0.00	24.75 0.21 0.00	26.00 0.21 0.00	30.56 0.28 0.00	32.78 0.25 0.00	35.77 0.22 0.00	31.29 0.14 0.00	29.15 0.11 0.00	22.88 0.00 0.00	24.43 -0.03 0.00	26.45 -0.03 0.00	42.45 0.12 0.00	47.88 0.27 0.00	44.51 0.38 0.00	46.03 0.48 0.00	41.37 0.55 0.00	37.86 0.48 0.00	27.59 0.31 0.00
ST_LAW_230_BK5_LBMP 345035	42.82 0.62 0.00	37.39 0.43 0.00	27.25 0.16 0.00	27.21 0.12 0.00	30.45 0.22 0.00	32.00 0.24 0.00	26.68 0.20 0.00	24.73 0.18 0.00	25.98 0.19 0.00	30.54 0.26 0.00	32.75 0.23 0.00	35.74 0.19 0.00	31.29 0.13 0.00	29.13 0.09 0.00	22.88 0.00 0.00	24.43 -0.03 0.00	26.45 -0.03 0.00	42.43 0.11 0.00	47.86 0.24 0.00	44.46 0.33 0.00	45.98 0.43 0.00	41.31 0.49 0.00	37.79 0.42 0.00	27.54 0.26 0.00
ST_LAW_230_BK6_LBMP 345036	42.82 0.62 0.00	37.39 0.43 0.00	27.25 0.16 0.00	27.21 0.12 0.00	30.45 0.22 0.00	32.00 0.24 0.00	26.68 0.20 0.00	24.73 0.18 0.00	25.98 0.19 0.00	30.54 0.26 0.00	32.75 0.23 0.00	35.74 0.19 0.00	31.29 0.13 0.00	29.13 0.09 0.00	22.88 0.00 0.00	24.43 -0.03 0.00	26.45 -0.03 0.00	42.43 0.11 0.00	47.86 0.24 0.00	44.46 0.33 0.00	45.98 0.43 0.00	41.31 0.49 0.00	37.79 0.42 0.00	27.54 0.26 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.28 1.08 0.00	37.86 0.90 0.00	27.78 0.69 0.00	27.75 0.65 0.00	30.89 0.66 0.00	32.41 0.65 0.00	27.09 0.61 0.00	25.22 0.67 0.00	26.53 0.74 0.00	31.29 1.01 0.00	33.72 1.20 0.00	36.97 1.42 0.00	32.43 1.27 0.00	30.25 1.21 0.00	23.91 1.04 0.00	25.59 1.13 0.00	27.62 1.15 0.00	44.00 1.68 0.00	49.24 1.62 0.00	45.38 1.26 0.00	46.78 1.23 0.00	41.87 1.05 0.00	40.88 0.95 -2.55	29.11 0.60 -1.22
SWANROAD_115KV_TB1 355699	39.10 -3.10 0.00	33.92 -3.04 0.00	24.97 -2.12 0.00	25.05 -2.05 0.00	28.12 -2.11 0.00	29.60 -2.16 0.00	24.53 -1.95 0.00	22.69 -1.86 0.00	23.84 -1.94 0.00	27.95 -2.33 0.00	29.99 -2.54 0.00	32.90 -2.65 0.00	28.70 -2.46 0.00	26.89 -2.15 0.00	21.11 -1.77 0.00	22.54 -1.92 0.00	24.33 -2.15 0.00	38.45 -3.88 0.00	42.91 -4.71 0.00	40.38 -3.75 0.00	42.18 -3.37 0.00	38.10 -2.72 0.00	34.82 -2.56 0.00	25.94 -1.34 0.00
SYNERGY___BIOGAS 323694	40.86 -1.34 0.00	35.52 -1.44 0.00	26.10 -0.99 0.00	26.16 -0.93 0.00	29.31 -0.92 0.00	30.87 -0.89 0.00	25.63 -0.85 0.00	23.74 -0.81 0.00	24.87 -0.92 0.00	28.95 -1.33 0.00	30.98 -1.55 0.00	33.91 -1.64 0.00	29.63 -1.53 0.00	27.72 -1.32 0.00	21.76 -1.12 0.00	23.30 -1.16 0.00	25.17 -1.31 0.00	40.24 -2.08 0.00	45.37 -2.25 0.00	42.82 -1.31 0.00	44.62 -0.93 0.00	40.08 -0.75 0.00	36.57 -0.81 0.00	27.01 -0.28 0.00
SYRACUSE___ENERGY_ST1 323597	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.68 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.84 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	41.40 -0.80 0.00	36.36 -0.61 0.00	26.66 -0.43 0.00	26.68 -0.41 0.00	29.75 -0.49 0.00	31.27 -0.48 0.00	26.04 -0.44 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.60 -0.67 0.00	31.83 -0.69 0.00	34.87 -0.68 0.00	30.56 -0.60 0.00	28.45 -0.59 0.00	22.42 -0.45 0.00	23.95 -0.52 0.00	25.97 -0.51 0.00	41.53 -0.79 0.00	46.84 -0.77 0.00	43.53 -0.60 0.00	44.94 -0.61 0.00	40.24 -0.58 0.00	36.84 -0.54 0.00	26.91 -0.37 0.00
SYRACUSE___POWER 24017	41.41 -0.79 0.00	36.35 -0.61 0.00	26.64 -0.44 0.00	26.69 -0.41 0.00	29.75 -0.48 0.00	31.28 -0.48 0.00	26.05 -0.43 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.59 -0.69 0.00	31.81 -0.71 0.00	34.86 -0.69 0.00	30.58 -0.58 0.00	28.47 -0.57 0.00	22.43 -0.44 0.00	23.96 -0.50 0.00	25.96 -0.51 0.00	41.51 -0.81 0.00	46.83 -0.78 0.00	43.51 -0.63 0.00	44.93 -0.62 0.00	40.23 -0.60 0.00	36.86 -0.52 0.00	26.91 -0.37 0.00
TALLMAN_138KV_BK151 55660	43.51 1.31 0.00	38.07 1.11 0.00	27.91 0.83 0.00	27.88 0.78 0.00	31.04 0.81 0.00	32.55 0.79 0.00	27.22 0.73 0.00	25.36 0.81 0.00	26.68 0.89 0.00	31.49 1.21 0.00	33.98 1.46 0.00	37.28 1.73 0.00	32.71 1.56 0.00	30.53 1.49 0.00	24.14 1.27 0.00	25.83 1.36 0.00	27.87 1.39 0.00	44.35 2.03 0.00	49.54 1.93 0.00	45.63 1.50 0.00	47.02 1.47 0.00	42.09 1.26 0.00	41.38 1.15 -2.85	29.39 0.75 -1.36
TEALLAVE_115KV_TB7 355573	41.19 -1.01 0.00	36.17 -0.79 0.00	26.52 -0.56 0.00	26.56 -0.54 0.00	29.61 -0.62 0.00	31.12 -0.63 0.00	25.92 -0.56 0.00	23.98 -0.56 0.00	25.15 -0.63 0.00	29.47 -0.81 0.00	31.69 -0.84 0.00	34.70 -0.85 0.00	30.44 -0.72 0.00	28.34 -0.70 0.00	22.33 -0.54 0.00	23.86 -0.60 0.00	25.83 -0.64 0.00	41.29 -1.03 0.00	46.56 -1.06 0.00	43.23 -0.90 0.00	44.64 -0.91 0.00	39.98 -0.84 0.00	36.65 -0.73 0.00	26.78 -0.51 0.00
TELGRAPH_34_KV_EAST 80808	40.02 -2.18 0.00	34.76 -2.20 0.00	25.56 -1.52 0.00	25.64 -1.46 0.00	28.75 -1.49 0.00	30.27 -1.49 0.00	25.11 -1.38 0.00	23.23 -1.32 0.00	24.38 -1.41 0.00	28.49 -1.79 0.00	30.55 -1.98 0.00	33.47 -2.08 0.00	29.22 -1.94 0.00	27.35 -1.69 0.00	21.48 -1.39 0.00	22.99 -1.47 0.00	24.83 -1.66 0.00	39.51 -2.81 0.00	44.24 -3.38 0.00	41.68 -2.45 0.00	43.48 -2.08 0.00	39.14 -1.68 0.00	35.75 -1.63 0.00	26.51 -0.77 0.00
TEMPLE___115KV_TB 2 55572	41.21 -0.99 0.00	36.18 -0.78 0.00	26.53 -0.56 0.00	26.56 -0.53 0.00	29.62 -0.61 0.00	31.13 -0.62 0.00	25.93 -0.55 0.00	23.99 -0.56 0.00	25.16 -0.63 0.00	29.47 -0.80 0.00	31.70 -0.82 0.00	34.72 -0.83 0.00	30.45 -0.71 0.00	28.36 -0.68 0.00	22.35 -0.53 0.00	23.88 -0.59 0.00	25.86 -0.62 0.00	41.32 -1.00 0.00	46.57 -1.04 0.00	43.25 -0.87 0.00	44.66 -0.90 0.00	40.00 -0.82 0.00	36.67 -0.71 0.00	26.79 -0.49 0.00
TIANA____69_KV_BK 1 55817	43.55 1.35 0.00	38.03 1.07 0.00	27.94 0.85 0.00	28.12 0.74 -0.29	30.91 0.68 0.00	32.25 0.49 0.00	26.80 0.32 0.00	25.11 0.57 0.00	26.59 0.80 -0.01	31.54 1.27 0.00	34.48 1.94 -0.01	37.86 2.27 -0.04	33.37 2.21 0.00	31.28 2.16 -0.08	24.88 2.01 0.00	26.46 1.99 0.00	28.38 1.90 0.00	44.79 2.47 0.00	49.77 2.15 0.00	46.14 2.01 0.00	47.44 1.89 0.00	42.45 1.62 0.00	42.25 1.49 -3.38	29.77 0.88 -1.61

TILDEN___115KV_TB1 80814	41.41 -0.79 0.00	36.35 -0.61 0.00	26.64 -0.44 0.00	26.69 -0.41 0.00	29.75 -0.48 0.00	31.28 -0.48 0.00	26.05 -0.43 0.00	24.10 -0.44 0.00	25.28 -0.51 0.00	29.59 -0.69 0.00	31.81 -0.71 0.00	34.86 -0.69 0.00	30.58 -0.58 0.00	28.47 -0.57 0.00	22.43 -0.44 0.00	23.96 -0.50 0.00	25.96 -0.51 0.00	41.51 -0.81 0.00	46.83 -0.78 0.00	43.51 -0.63 0.00	44.93 -0.62 0.00	40.23 -0.60 0.00	36.86 -0.52 0.00	26.91 -0.37 0.00
TRIGEN___CC 323695	43.81 1.61 0.00	38.26 1.29 0.00	28.03 0.95 0.00	28.21 0.83 -0.29	31.04 0.81 0.00	32.48 0.72 0.00	27.09 0.61 0.00	25.34 0.79 0.00	26.73 0.94 -0.01	31.59 1.32 0.00	34.34 1.81 -0.01	37.69 2.10 -0.04	33.06 1.91 0.00	30.97 1.85 -0.08	24.47 1.59 0.00	26.06 1.60 0.00	27.99 1.51 0.00	44.36 2.04 0.00	49.52 1.91 0.00	45.77 1.64 0.00	47.10 1.55 0.00	42.26 1.44 0.00	42.16 1.40 -3.38	29.78 0.88 -1.61
TRINITY___115KV__4 BK 55933	42.67 0.46 0.00	37.41 0.45 0.00	27.55 0.46 0.00	25.31 0.46 2.24	30.64 0.41 0.00	32.16 0.40 0.00	26.82 0.34 0.00	24.91 0.37 0.00	26.16 0.43 0.06	30.85 0.58 0.00	33.05 0.61 0.08	35.81 0.58 0.31	31.64 0.49 0.00	29.00 0.55 0.60	23.47 0.59 0.00	25.16 0.69 0.00	27.20 0.73 0.00	42.44 0.97 0.85	48.53 0.92 0.00	44.75 0.62 0.00	46.10 0.55 0.00	41.21 0.39 0.00	35.20 0.33 2.51	26.37 0.28 1.20
UNION___PROCESSING_DRP 323587	40.83 -1.37 0.00	35.66 -1.30 0.00	26.18 -0.90 0.00	26.23 -0.87 0.00	29.32 -0.91 0.00	30.85 -0.91 0.00	25.65 -0.84 0.00	23.76 -0.79 0.00	24.93 -0.85 0.00	29.18 -1.10 0.00	31.32 -1.20 0.00	34.32 -1.23 0.00	30.03 -1.12 0.00	28.07 -0.97 0.00	22.08 -0.79 0.00	23.61 -0.85 0.00	25.58 -0.90 0.00	40.90 -1.42 0.00	46.02 -1.60 0.00	43.00 -1.13 0.00	44.56 -0.99 0.00	39.96 -0.86 0.00	36.51 -0.86 0.00	26.79 -0.49 0.00
UPPER HUDSON___HYD 24058	43.65 1.45 0.00	38.23 1.27 0.00	28.11 1.03 0.00	31.17 1.13 -2.95	31.42 1.18 0.00	33.04 1.28 0.00	27.55 1.07 0.00	25.47 0.91 0.00	26.96 1.09 -0.08	31.50 1.23 0.00	33.63 0.99 -0.11	36.91 0.95 -0.41	31.91 0.76 0.00	30.60 0.78 -0.79	23.52 0.65 0.00	25.33 0.87 0.00	27.45 0.97 0.00	45.61 1.74 -1.55	49.72 2.10 0.00	46.11 1.98 0.00	47.49 1.93 0.00	42.40 1.58 0.00	35.84 1.42 2.96	26.89 1.02 1.41
UPPER RAQUET___HYD 24056	43.70 1.50 0.00	38.13 1.17 0.00	27.74 0.65 0.00	27.68 0.59 0.00	31.00 0.77 0.00	32.66 0.90 0.00	27.23 0.75 0.00	25.19 0.64 0.00	26.43 0.64 0.00	30.98 0.71 0.00	33.15 0.62 0.00	36.14 0.59 0.00	31.59 0.43 0.00	29.28 0.24 0.00	22.92 0.05 0.00	24.44 -0.03 0.00	26.49 0.01 0.00	42.75 0.43 0.00	48.65 1.04 0.00	45.50 1.37 0.00	47.06 1.51 0.00	42.31 1.49 0.00	38.66 1.28 0.00	28.16 0.87 0.00
VALLEY44_115KV_TB2 355964	39.92 -2.28 0.00	34.82 -2.15 0.00	25.46 -1.62 0.00	25.62 -1.47 0.00	28.73 -1.50 0.00	30.29 -1.46 0.00	25.12 -1.36 0.00	23.35 -1.20 0.00	24.49 -1.30 0.00	28.71 -1.57 0.00	30.72 -1.80 0.00	33.76 -1.79 0.00	29.37 -1.78 0.00	27.45 -1.60 0.00	21.66 -1.21 0.00	23.19 -1.27 0.00	25.02 -1.46 0.00	39.80 -2.52 0.00	44.47 -3.14 0.00	41.68 -2.45 0.00	43.50 -2.05 0.00	38.99 -1.83 0.00	35.74 -1.64 0.00	26.29 -0.99 0.00
VALLEY___115KV_TB 1-4 80826	42.86 0.66 0.00	37.55 0.59 0.00	27.61 0.52 0.00	27.64 0.55 0.00	30.77 0.54 0.00	32.30 0.54 0.00	26.97 0.49 0.00	25.02 0.47 0.00	26.21 0.43 0.00	30.57 0.30 0.00	32.69 0.17 0.00	35.75 0.20 0.00	31.17 0.01 0.00	28.99 -0.05 0.00	22.93 0.05 0.00	24.58 0.11 0.00	26.62 0.14 0.00	42.81 0.49 0.00	48.29 0.67 0.00	44.94 0.81 0.00	46.34 0.79 0.00	41.40 0.57 0.00	37.92 0.54 0.00	27.65 0.37 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	43.19 0.99 0.00	37.83 0.87 0.00	27.74 0.66 0.00	27.75 0.66 0.00	30.95 0.72 0.00	32.52 0.76 0.00	27.15 0.66 0.00	25.17 0.63 0.00	26.41 0.62 0.00	31.02 0.74 0.00	33.38 0.86 0.00	36.58 1.03 0.00	32.05 0.89 0.00	29.85 0.81 0.00	23.54 0.66 0.00	25.16 0.70 0.00	27.25 0.77 0.00	43.62 1.29 0.00	49.06 1.45 0.00	45.40 1.27 0.00	46.86 1.31 0.00	41.92 1.10 0.00	38.34 0.96 0.00	27.93 0.65 0.00
VISCHER___FERRY HYD 24020	43.42 1.22 0.00	38.08 1.12 0.00	28.00 0.92 0.00	33.36 0.97 -5.29	31.25 1.02 0.00	32.81 1.05 0.00	27.37 0.89 0.00	25.41 0.86 0.00	26.89 0.96 -0.15	31.44 1.17 0.00	33.95 1.23 -0.19	37.57 1.28 -0.74	32.26 1.10 0.00	31.57 1.11 -1.41	23.78 0.91 0.00	25.54 1.08 0.00	27.63 1.16 0.00	46.78 1.75 -2.72	49.43 1.82 0.00	45.58 1.45 0.00	46.95 1.40 0.00	41.95 1.13 0.00	34.29 1.02 4.10	26.08 0.76 1.96
V_A_10_SYNC_DSASP 323832	39.69 -2.51 0.00	34.55 -2.41 0.00	25.40 -1.68 0.00	25.49 -1.61 0.00	28.57 -1.66 0.00	30.08 -1.67 0.00	24.94 -1.54 0.00	23.11 -1.44 0.00	24.27 -1.51 0.00	28.48 -1.80 0.00	30.56 -1.97 0.00	33.52 -2.04 0.00	29.25 -1.91 0.00	27.38 -1.66 0.00	21.50 -1.37 0.00	23.00 -1.47 0.00	24.83 -1.65 0.00	39.48 -2.85 0.00	44.11 -3.50 0.00	41.38 -2.75 0.00	43.11 -2.44 0.00	38.82 -2.00 0.00	35.50 -1.88 0.00	26.26 -1.02 0.00
V_CMM_10_SYNC_DSASP 323787	43.12 0.92 0.00	37.63 0.67 0.00	27.41 0.32 0.00	27.37 0.28 0.00	30.63 0.40 0.00	32.20 0.44 0.00	26.84 0.36 0.00	24.87 0.32 0.00	26.13 0.34 0.00	30.70 0.42 0.00	32.92 0.40 0.00	35.92 0.38 0.00	31.44 0.29 0.00	29.29 0.25 0.00	22.99 0.11 0.00	24.55 0.09 0.00	26.58 0.10 0.00	42.66 0.34 0.00	48.12 0.51 0.00	44.72 0.59 0.00	46.26 0.71 0.00	41.59 0.77 0.00	38.06 0.68 0.00	27.73 0.45 0.00
V_CMP_10_SYNC_DSASP 323788	43.21 1.01 0.00	38.13 1.17 0.00	28.07 0.99 0.00	27.79 0.70 0.00	31.02 0.78 0.00	32.66 0.90 0.00	27.17 0.69 0.00	25.31 0.76 0.00	26.86 1.08 0.00	31.72 1.45 0.00	33.71 1.19 0.00	36.42 0.87 0.00	31.51 0.35 0.00	29.08 0.04 0.00	22.64 -0.24 0.00	24.02 -0.44 0.00	25.86 -0.62 0.00	42.74 0.42 0.00	48.92 1.30 0.00	45.34 1.21 0.00	46.91 1.36 0.00	42.12 1.30 0.00	38.34 0.96 0.00	27.69 0.41 0.00
V_D_10_SYNC_DSASP 323841	43.41 1.21 0.00	37.89 0.93 0.00	27.58 0.50 0.00	27.55 0.45 0.00	30.83 0.60 0.00	32.41 0.65 0.00	27.02 0.54 0.00	25.04 0.49 0.00	26.28 0.50 0.00	30.86 0.59 0.00	33.08 0.56 0.00	36.11 0.57 0.00	31.61 0.45 0.00	29.42 0.38 0.00	23.08 0.20 0.00	24.63 0.17 0.00	26.68 0.20 0.00	42.85 0.53 0.00	48.42 0.80 0.00	45.05 0.92 0.00	46.61 1.05 0.00	41.90 1.08 0.00	38.33 0.95 0.00	27.94 0.65 0.00
V_E_10_SYNC_DSASP 323830	44.11 1.91 0.00	38.61 1.65 0.00	28.22 1.14 0.00	28.29 1.20 0.00	31.59 1.36 0.00	33.26 1.50 0.00	27.78 1.30 0.00	25.70 1.15 0.00	26.70 0.92 0.00	30.87 0.59 0.00	33.01 0.48 0.00	36.26 0.71 0.00	31.80 0.65 0.00	29.20 0.16 0.00	23.10 0.22 0.00	24.34 -0.13 0.00	26.68 0.21 0.00	43.21 0.88 0.00	49.54 1.93 0.00	46.70 2.57 0.00	48.35 2.80 0.00	43.14 2.32 0.00	39.38 2.00 0.00	28.63 1.34 0.00

V_F_30_NSYNC___DSASP 323816	43.82 1.62 0.00	38.39 1.43 0.00	28.20 1.12 0.00	31.53 1.18 -3.26	31.51 1.28 0.00	33.10 1.35 0.00	27.61 1.13 0.00	25.60 1.05 0.00	27.02 1.15 -0.09	31.59 1.32 0.00	33.93 1.28 -0.12	37.30 1.30 -0.45	32.25 1.09 0.00	31.02 1.11 -0.87	23.78 0.91 0.00	25.56 1.10 0.00	27.70 1.22 0.00	46.03 2.01 -1.70	49.90 2.29 0.00	46.13 2.00 0.00	47.51 1.96 0.00	42.47 1.64 0.00	35.67 1.45 3.15	26.83 1.05 1.50
V_F_30_SYNC_DSASP 323786	42.78 0.58 0.00	37.51 0.55 0.00	27.61 0.53 0.00	24.39 0.50 3.21	30.69 0.45 0.00	32.22 0.46 0.00	26.87 0.39 0.00	24.97 0.42 0.00	26.19 0.49 0.09	30.91 0.64 0.00	33.07 0.67 0.12	35.73 0.62 0.45	31.73 0.58 0.00	28.79 0.61 0.86	23.52 0.65 0.00	25.22 0.76 0.00	27.28 0.80 0.00	44.11 1.10 -0.69	48.71 1.09 0.00	44.93 0.80 0.00	46.26 0.71 0.00	41.35 0.53 0.00	35.25 0.45 2.58	26.41 0.36 1.23
V_XM_10_SYNC_DSASP 323789	43.21 1.01 0.00	38.13 1.17 0.00	28.07 0.99 0.00	27.79 0.70 0.00	31.02 0.78 0.00	32.66 0.90 0.00	27.17 0.69 0.00	25.31 0.76 0.00	26.86 1.08 0.00	31.72 1.45 0.00	33.71 1.19 0.00	36.42 0.87 0.00	31.51 0.35 0.00	29.08 0.04 0.00	22.64 -0.24 0.00	24.02 -0.44 0.00	25.86 -0.62 0.00	42.74 0.42 0.00	48.92 1.30 0.00	45.34 1.21 0.00	46.91 1.36 0.00	42.12 1.30 0.00	38.34 0.96 0.00	27.69 0.41 0.00
W.BABYLN_69_KV_BK1 56697	44.10 1.90 0.00	38.46 1.50 0.00	28.19 1.10 0.00	28.31 0.93 -0.29	31.13 0.90 0.00	32.53 0.77 0.00	27.11 0.63 0.00	25.39 0.84 0.00	26.85 1.06 -0.01	31.81 1.54 0.00	34.80 2.27 -0.01	38.23 2.64 -0.04	33.59 2.44 0.00	31.45 2.34 -0.08	24.88 2.01 0.00	26.45 1.98 0.00	28.34 1.86 0.00	44.82 2.49 0.00	50.01 2.39 0.00	46.28 2.15 0.00	47.65 2.09 0.00	42.75 1.92 0.00	42.60 1.84 -3.38	30.05 1.15 -1.61
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.73 1.53 0.00	38.26 1.29 0.00	28.05 0.96 0.00	28.00 0.91 0.00	31.18 0.95 0.00	32.70 0.93 0.00	27.33 0.85 0.00	25.47 0.92 0.00	26.80 1.02 0.00	31.64 1.37 0.00	34.14 1.61 0.00	37.46 1.91 0.00	32.86 1.71 0.00	30.68 1.64 0.00	24.26 1.39 0.00	25.95 1.49 0.00	28.02 1.54 0.00	44.58 2.26 0.00	49.81 2.20 0.00	45.89 1.76 0.00	47.27 1.72 0.00	42.30 1.48 0.00	41.67 1.34 -2.95	29.58 0.88 -1.41
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.92 1.72 0.00	38.39 1.43 0.00	28.15 1.07 0.00	28.33 0.95 -0.29	31.19 0.95 0.00	32.67 0.91 0.00	27.32 0.84 0.00	25.52 0.97 0.00	26.85 1.05 -0.01	31.68 1.41 0.00	34.22 1.69 -0.01	37.56 1.97 -0.04	32.98 1.82 0.00	30.86 1.74 -0.08	24.40 1.52 0.00	26.06 1.60 0.00	28.11 1.63 0.00	44.61 2.29 0.00	49.79 2.18 0.00	45.87 1.74 0.00	47.22 1.67 0.00	42.29 1.47 0.00	42.12 1.37 -3.38	29.80 0.90 -1.61
W50THST__13_KV_LOAD 356117	44.14 1.94 0.00	38.57 1.61 0.00	28.29 1.20 0.00	28.50 1.12 -0.29	31.37 1.13 0.00	32.86 1.10 0.00	27.45 0.97 0.00	25.64 1.09 0.00	26.97 1.18 -0.01	31.83 1.56 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.14 1.98 0.00	31.02 1.90 -0.08	24.53 1.65 0.00	26.20 1.74 0.00	28.26 1.78 0.00	44.82 2.50 0.00	50.05 2.43 0.00	46.08 1.94 0.00	47.42 1.87 0.00	42.47 1.65 0.00	42.30 1.55 -3.38	29.92 1.03 -1.61
WADING RIVER_IC_1 23522	43.09 0.89 0.00	37.61 0.64 0.00	27.59 0.51 0.00	27.74 0.36 -0.29	30.49 0.26 0.00	31.81 0.06 0.00	26.48 -0.01 0.00	24.82 0.28 0.00	26.27 0.48 -0.01	31.16 0.88 0.00	34.07 1.54 -0.01	37.41 1.82 -0.04	32.94 1.78 0.00	30.86 1.75 -0.08	24.57 1.70 0.00	26.12 1.66 0.00	27.99 1.52 0.00	44.19 1.87 0.00	49.03 1.42 0.00	45.47 1.34 0.00	46.75 1.19 0.00	41.86 1.04 0.00	41.74 0.98 -3.38	29.42 0.52 -1.61
WADING RIVER_IC_2 23547	43.09 0.89 0.00	37.61 0.64 0.00	27.59 0.51 0.00	27.74 0.36 -0.29	30.49 0.26 0.00	31.81 0.06 0.00	26.48 -0.01 0.00	24.82 0.28 0.00	26.27 0.48 -0.01	31.16 0.88 0.00	34.07 1.54 -0.01	37.41 1.82 -0.04	32.94 1.78 0.00	30.86 1.75 -0.08	24.57 1.70 0.00	26.12 1.66 0.00	27.99 1.52 0.00	44.19 1.87 0.00	49.03 1.42 0.00	45.47 1.34 0.00	46.75 1.19 0.00	41.86 1.04 0.00	41.74 0.98 -3.38	29.42 0.52 -1.61
WADING RIVER_IC_3 23601	43.09 0.89 0.00	37.61 0.64 0.00	27.59 0.51 0.00	27.74 0.36 -0.29	30.49 0.26 0.00	31.81 0.06 0.00	26.48 -0.01 0.00	24.82 0.28 0.00	26.27 0.48 -0.01	31.16 0.88 0.00	34.07 1.54 -0.01	37.41 1.82 -0.04	32.94 1.78 0.00	30.86 1.75 -0.08	24.57 1.70 0.00	26.12 1.66 0.00	27.99 1.52 0.00	44.19 1.87 0.00	49.03 1.42 0.00	45.47 1.34 0.00	46.75 1.19 0.00	41.86 1.04 0.00	41.74 0.98 -3.38	29.42 0.52 -1.61
WALDENNY_12_KV_BK2 80841	39.86 -2.34 0.00	34.66 -2.30 0.00	25.45 -1.64 0.00	25.54 -1.55 0.00	28.63 -1.60 0.00	30.15 -1.61 0.00	25.00 -1.48 0.00	23.15 -1.40 0.00	24.31 -1.47 0.00	28.51 -1.77 0.00	30.55 -1.97 0.00	33.52 -2.03 0.00	29.25 -1.90 0.00	27.42 -1.62 0.00	21.55 -1.33 0.00	23.03 -1.43 0.00	24.88 -1.60 0.00	39.48 -2.85 0.00	44.14 -3.48 0.00	41.48 -2.65 0.00	43.31 -2.24 0.00	38.97 -1.85 0.00	35.67 -1.71 0.00	26.39 -0.89 0.00
WALDEN___HYDRO 24148	43.46 1.26 0.00	38.02 1.06 0.00	27.90 0.81 0.00	27.86 0.77 0.00	31.01 0.78 0.00	32.52 0.77 0.00	27.20 0.72 0.00	25.32 0.78 0.00	26.65 0.87 0.00	31.43 1.16 0.00	33.87 1.34 0.00	37.12 1.57 0.00	32.53 1.38 0.00	30.35 1.31 0.00	23.98 1.11 0.00	25.67 1.21 0.00	27.73 1.25 0.00	44.20 1.87 0.00	49.49 1.88 0.00	45.64 1.51 0.00	47.03 1.48 0.00	42.08 1.26 0.00	40.83 1.11 -2.34	29.12 0.72 -1.12
WARRENSBURG____ 23737	43.65 1.45 0.00	38.23 1.27 0.00	28.12 1.03 0.00	31.17 1.13 -2.95	31.42 1.18 0.00	33.04 1.28 0.00	27.55 1.06 0.00	25.47 0.91 0.00	26.96 1.09 -0.08	31.51 1.23 0.00	33.63 0.99 -0.11	36.92 0.95 -0.41	31.91 0.76 0.00	30.61 0.78 -0.79	23.52 0.65 0.00	25.33 0.87 0.00	27.45 0.97 0.00	45.61 1.74 -1.55	49.72 2.10 0.00	46.11 1.98 0.00	47.49 1.94 0.00	42.40 1.58 0.00	35.84 1.42 2.96	26.89 1.02 1.41
WATERSIDE___6 8 9 23538	43.91 1.71 0.00	38.40 1.44 0.00	28.18 1.09 0.00	28.33 0.95 -0.29	31.17 0.94 0.00	32.66 0.90 0.00	27.36 0.88 0.00	25.54 0.99 0.00	26.85 1.05 -0.01	31.68 1.41 0.00	34.23 1.69 -0.01	37.57 1.98 -0.04	32.99 1.83 0.00	30.87 1.75 -0.08	24.40 1.52 0.00	26.07 1.61 0.00	28.08 1.60 0.00	44.55 2.23 0.00	49.76 2.15 0.00	45.79 1.66 0.00	47.15 1.60 0.00	42.30 1.47 0.00	42.13 1.38 -3.38	29.81 0.91 -1.61
WATKINRD_115KV_LN8_ILLION 55919	42.59 0.39 0.00	37.32 0.36 0.00	27.42 0.34 0.00	27.46 0.36 0.00	30.58 0.35 0.00	32.11 0.35 0.00	26.80 0.32 0.00	24.85 0.30 0.00	26.07 0.28 0.00	30.47 0.19 0.00	32.62 0.09 0.00	35.66 0.11 0.00	31.17 0.01 0.00	29.01 -0.03 0.00	22.93 0.05 0.00	24.56 0.10 0.00	26.61 0.13 0.00	42.70 0.38 0.00	48.10 0.49 0.00	44.68 0.55 0.00	46.06 0.52 0.00	41.18 0.36 0.00	37.71 0.33 0.00	27.51 0.22 0.00

WDELAWARE___HYD 323627	42.86 0.66 0.00	37.48 0.51 0.00	27.49 0.40 0.00	27.45 0.35 0.00	30.56 0.33 0.00	32.07 0.31 0.00	26.81 0.33 0.00	24.95 0.40 0.00	26.27 0.48 0.00	30.96 0.68 0.00	33.28 0.76 0.00	36.46 0.91 0.00	31.80 0.64 0.00	28.96 -0.08 0.00	22.92 0.05 0.00	24.54 0.07 0.00	26.58 0.10 0.00	42.46 0.14 0.00	47.61 0.00 0.00	43.98 -0.15 0.00	45.45 -0.10 0.00	41.58 0.76 0.00	39.82 0.62 -1.82	28.49 0.34 -0.87
WEST BABYLON___IC 23714	44.10 1.90 0.00	38.46 1.50 0.00	28.19 1.10 0.00	28.31 0.93 -0.29	31.13 0.90 0.00	32.53 0.77 0.00	27.11 0.63 0.00	25.39 0.84 0.00	26.85 1.06 -0.01	31.81 1.54 0.00	34.80 2.27 -0.01	38.23 2.64 -0.04	33.59 2.44 0.00	31.45 2.34 -0.08	24.88 2.01 0.00	26.45 1.98 0.00	28.34 1.86 0.00	44.82 2.49 0.00	50.01 2.39 0.00	46.28 2.15 0.00	47.65 2.09 0.00	42.75 1.92 0.00	42.60 1.84 -3.38	30.05 1.15 -1.61
WEST CANADA___HYD 24049	42.16 -0.04 0.00	36.94 -0.02 0.00	27.11 0.02 0.00	27.13 0.04 0.00	30.26 0.03 0.00	31.79 0.03 0.00	26.50 0.03 0.00	24.57 0.02 0.00	25.81 0.02 0.00	30.27 0.00 0.00	32.53 0.00 0.00	35.54 -0.01 0.00	31.16 0.00 0.00	29.04 0.00 0.00	22.88 0.01 0.00	24.50 0.03 0.00	26.52 0.04 0.00	42.37 0.05 0.00	47.67 0.06 0.00	44.18 0.04 0.00	45.56 0.01 0.00	40.78 -0.04 0.00	37.34 -0.04 0.00	27.27 -0.01 0.00
WESTERN_NY_WIND 24143	40.80 -1.40 0.00	35.47 -1.49 0.00	26.05 -1.03 0.00	26.11 -0.98 0.00	29.27 -0.96 0.00	30.82 -0.93 0.00	25.59 -0.88 0.00	23.70 -0.85 0.00	24.84 -0.95 0.00	28.90 -1.38 0.00	30.94 -1.59 0.00	33.85 -1.70 0.00	29.58 -1.58 0.00	27.68 -1.36 0.00	21.72 -1.15 0.00	23.26 -1.20 0.00	25.13 -1.35 0.00	40.17 -2.15 0.00	45.27 -2.34 0.00	42.73 -1.40 0.00	44.54 -1.01 0.00	40.00 -0.82 0.00	36.50 -0.88 0.00	26.97 -0.31 0.00
WESTOVER___LESR 323668	41.56 -0.64 0.00	36.46 -0.50 0.00	26.65 -0.43 0.00	26.76 -0.33 0.00	29.85 -0.38 0.00	31.38 -0.38 0.00	26.15 -0.34 0.00	24.23 -0.31 0.00	25.40 -0.39 0.00	29.72 -0.56 0.00	31.89 -0.64 0.00	34.97 -0.58 0.00	30.62 -0.54 0.00	28.55 -0.49 0.00	22.57 -0.31 0.00	24.08 -0.38 0.00	26.11 -0.37 0.00	41.66 -0.66 0.00	46.88 -0.74 0.00	43.56 -0.57 0.00	45.12 -0.43 0.00	40.41 -0.42 0.00	37.06 -0.31 0.00	27.01 -0.27 0.00
WETHRSFD_WT_PWR 323626	39.96 -2.24 0.00	34.83 -2.13 0.00	25.52 -1.57 0.00	25.64 -1.45 0.00	28.65 -1.58 0.00	30.18 -1.57 0.00	25.05 -1.43 0.00	23.21 -1.34 0.00	24.34 -1.44 0.00	28.29 -1.99 0.00	30.00 -2.53 0.00	32.94 -2.61 0.00	28.79 -2.37 0.00	26.99 -2.05 0.00	21.27 -1.60 0.00	22.76 -1.71 0.00	24.64 -1.84 0.00	39.12 -3.21 0.00	44.06 -3.56 0.00	41.55 -2.58 0.00	43.25 -2.30 0.00	38.85 -1.98 0.00	35.64 -1.74 0.00	26.27 -1.01 0.00
WHAVSTOR_138KV_BK127 55557	43.49 1.29 0.00	38.04 1.08 0.00	27.91 0.82 0.00	27.87 0.78 0.00	31.02 0.79 0.00	32.52 0.76 0.00	27.19 0.71 0.00	25.33 0.78 0.00	26.66 0.87 0.00	31.46 1.19 0.00	33.95 1.43 0.00	37.24 1.69 0.00	32.68 1.53 0.00	30.50 1.46 0.00	24.12 1.25 0.00	25.80 1.34 0.00	27.84 1.36 0.00	44.28 1.96 0.00	49.48 1.86 0.00	45.58 1.45 0.00	46.96 1.41 0.00	42.03 1.21 0.00	41.46 1.12 -2.97	29.42 0.72 -1.42
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	43.49 1.29 0.00	38.04 1.08 0.00	27.91 0.82 0.00	27.87 0.78 0.00	31.02 0.79 0.00	32.52 0.76 0.00	27.19 0.71 0.00	25.33 0.78 0.00	26.66 0.87 0.00	31.46 1.19 0.00	33.95 1.43 0.00	37.24 1.69 0.00	32.68 1.53 0.00	30.50 1.46 0.00	24.12 1.25 0.00	25.80 1.34 0.00	27.84 1.36 0.00	44.28 1.96 0.00	49.48 1.86 0.00	45.58 1.45 0.00	46.96 1.41 0.00	42.03 1.21 0.00	41.46 1.12 -2.97	29.42 0.72 -1.42
WHITEHAL_115KV_TB1 80871	44.16 1.96 0.00	38.86 1.89 0.00	28.66 1.57 0.00	32.05 1.88 -3.08	32.20 1.96 0.00	33.89 2.13 0.00	28.21 1.73 0.00	25.86 1.32 0.00	27.47 1.60 -0.08	32.15 1.87 0.00	34.44 1.80 -0.11	37.91 1.93 -0.43	32.76 1.61 0.00	31.53 1.67 -0.82	24.17 1.30 0.00	26.07 1.61 0.00	28.26 1.78 0.00	46.34 2.40 -1.62	50.47 2.86 0.00	46.92 2.79 0.00	48.53 2.98 0.00	43.45 2.62 0.00	36.78 2.44 3.04	27.61 1.78 1.45
WHITEPLN_13_KV_LOAD 356215	44.08 1.88 0.00	38.52 1.56 0.00	28.26 1.17 0.00	28.46 1.09 -0.28	31.36 1.12 0.00	32.85 1.10 0.00	27.47 0.98 0.00	25.62 1.08 0.00	26.98 1.19 -0.01	31.84 1.57 0.00	34.39 1.86 -0.01	37.77 2.18 -0.04	33.12 1.97 0.00	31.00 1.89 -0.07	24.47 1.59 0.00	26.15 1.69 0.00	28.21 1.73 0.00	44.86 2.54 0.00	50.11 2.50 0.00	46.19 2.06 0.00	47.57 2.02 0.00	42.56 1.73 0.00	42.30 1.58 -3.34	29.93 1.05 -1.59
WM_FLOYD_69_KV_BK2 356380	43.54 1.34 0.00	37.99 1.03 0.00	27.85 0.77 0.00	27.99 0.61 -0.29	30.77 0.54 0.00	32.12 0.37 0.00	26.74 0.25 0.00	25.08 0.53 0.00	26.53 0.73 -0.01	31.46 1.18 0.00	34.39 1.86 -0.01	37.76 2.17 -0.04	33.23 2.08 0.00	31.14 2.02 -0.08	24.74 1.86 0.00	26.28 1.82 0.00	28.17 1.69 0.00	44.46 2.14 0.00	49.45 1.84 0.00	45.87 1.74 0.00	47.17 1.62 0.00	42.26 1.43 0.00	42.10 1.34 -3.38	29.68 0.78 -1.61
WOODARD___115KV_TB2 355635	41.15 -1.05 0.00	36.15 -0.82 0.00	26.50 -0.58 0.00	26.53 -0.56 0.00	29.59 -0.64 0.00	31.10 -0.66 0.00	25.90 -0.58 0.00	23.96 -0.59 0.00	25.14 -0.65 0.00	29.45 -0.82 0.00	31.68 -0.85 0.00	34.69 -0.87 0.00	30.41 -0.75 0.00	28.32 -0.72 0.00	22.31 -0.57 0.00	23.84 -0.62 0.00	25.82 -0.65 0.00	41.28 -1.04 0.00	46.54 -1.08 0.00	43.21 -0.92 0.00	44.61 -0.94 0.00	39.95 -0.87 0.00	36.60 -0.78 0.00	26.74 -0.54 0.00
WOODMERE_69_KV_BK1 55827	44.35 2.15 0.00	38.70 1.74 0.00	28.34 1.26 0.00	28.51 1.13 -0.29	31.37 1.14 0.00	32.81 1.05 0.00	27.35 0.87 0.00	25.59 1.04 0.00	27.00 1.21 -0.01	31.92 1.65 0.00	34.71 2.17 -0.01	38.11 2.52 -0.04	33.43 2.28 0.00	31.31 2.19 -0.08	24.74 1.87 0.00	26.35 1.89 0.00	28.32 1.84 0.00	44.90 2.58 0.00	50.11 2.50 0.00	46.36 2.23 0.00	47.72 2.17 0.00	42.82 1.99 0.00	42.64 1.88 -3.38	30.12 1.22 -1.61
YORK___WARBASSE 23770	44.03 1.83 0.00	38.50 1.54 0.00	28.23 1.15 0.00	28.38 1.00 -0.29	31.24 1.00 0.00	32.74 0.98 0.00	27.41 0.93 0.00	25.56 1.02 0.00	26.90 1.10 -0.01	31.76 1.49 0.00	34.31 1.77 -0.01	37.66 2.07 -0.04	33.07 1.91 0.00	30.92 1.81 -0.08	24.42 1.54 0.00	26.10 1.64 0.00	28.11 1.64 0.00	44.62 2.30 0.00	49.84 2.23 0.00	45.88 1.75 0.00	47.26 1.71 0.00	42.39 1.57 0.00	42.21 1.45 -3.38	29.85 0.96 -1.61