

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/04/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.93	28.65	26.58	24.53	26.74	48.70	37.62	40.65	39.25	40.02	38.06	42.61	40.10	37.80	32.09	29.46	26.96	28.60	31.56	35.22	31.98	40.75	35.88	25.74
24138	1.22	1.13	1.14	1.06	0.98	1.97	1.70	2.52	2.41	2.24	2.15	2.28	2.02	1.65	1.50	1.41	1.33	1.56	1.96	2.08	1.90	1.99	1.30	0.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.96	28.67	26.61	24.56	26.76	48.74	37.62	40.65	39.26	40.02	38.06	42.61	40.11	37.82	32.10	29.46	26.96	28.61	31.56	35.23	31.98	40.76	35.89	25.75
24260	1.24	1.15	1.17	1.09	1.00	2.01	1.70	2.52	2.43	2.24	2.15	2.28	2.03	1.66	1.50	1.41	1.33	1.57	1.96	2.10	1.90	2.00	1.31	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.96	28.67	26.61	24.56	26.76	48.74	37.62	40.65	39.26	40.02	38.06	42.61	40.11	37.82	32.10	29.46	26.96	28.61	31.56	35.23	31.98	40.76	35.89	25.75
24261	1.24	1.15	1.17	1.09	1.00	2.01	1.70	2.52	2.43	2.24	2.15	2.28	2.03	1.66	1.50	1.41	1.33	1.57	1.96	2.10	1.90	2.00	1.31	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.70	28.46	26.53	24.42	26.80	48.66	37.61	40.36	38.72	40.04	38.23	42.63	39.80	37.21	31.52	28.87	26.60	28.38	31.29	34.86	31.45	40.16	35.44	25.42
24011	0.98	0.94	1.09	0.95	1.04	1.93	1.69	2.23	1.89	2.26	2.33	2.30	1.73	1.05	0.92	0.82	0.97	1.34	1.69	1.73	1.38	1.40	0.85	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.85	28.61	26.67	24.57	26.96	49.01	37.97	40.76	39.01	40.37	38.62	43.02	40.08	37.36	31.70	29.00	26.80	28.67	31.63	35.19	31.69	40.39	35.58	25.55
23798	1.13	1.09	1.23	1.10	1.20	2.28	2.05	2.63	2.18	2.59	2.71	2.69	2.01	1.20	1.10	0.94	1.17	1.63	2.03	2.05	1.61	1.63	1.00	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.70	28.46	26.53	24.42	26.80	48.66	37.61	40.36	38.72	40.04	38.23	42.63	39.80	37.21	31.52	28.87	26.60	28.38	31.29	34.86	31.45	40.16	35.44	25.42
24028	0.98	0.94	1.09	0.95	1.04	1.93	1.69	2.23	1.89	2.26	2.33	2.30	1.73	1.05	0.92	0.82	0.97	1.34	1.69	1.73	1.38	1.40	0.85	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.25	28.04	26.03	24.05	26.36	47.80	36.80	39.57	38.02	39.12	37.09	41.63	39.15	36.79	31.14	28.46	26.15	27.75	30.67	34.11	30.87	39.71	35.01	25.04
23527	0.54	0.51	0.59	0.58	0.60	1.07	0.88	1.44	1.19	1.33	1.18	1.30	1.07	0.63	0.55	0.41	0.52	0.71	1.07	0.98	0.79	0.95	0.42	0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.51	27.30	25.30	23.38	25.59	46.43	35.74	38.29	36.94	37.90	35.94	40.30	37.95	35.85	30.35	27.81	25.48	27.00	29.72	33.18	30.09	38.60	34.15	24.48
24190	-0.21	-0.22	-0.13	-0.09	-0.17	-0.30	-0.18	0.16	0.11	0.11	0.03	-0.03	-0.12	-0.31	-0.25	-0.24	-0.15	-0.04	0.11	0.05	0.00	-0.16	-0.43	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	28.75	27.53	25.22	23.20	25.58	46.30	35.45	37.24	36.05	37.15	35.31	39.63	37.59	35.93	22.36	23.96	25.53	26.77	29.12	32.64	29.73	38.61	34.81	24.91
355683	0.03	0.00	-0.22	-0.27	-0.17	-0.43	-0.47	-0.89	-0.78	-0.63	-0.60	-0.70	-0.49	-0.22	-0.21	-0.14	-0.10	-0.27	-0.49	-0.49	-0.35	-0.15	0.22	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	8.03	3.95	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	29.16	27.95	25.89	23.93	26.23	47.63	36.67	39.22	37.88	38.85	36.85	41.37	38.91	36.77	31.07	28.39	26.02	27.62	30.45	34.05	30.84	39.61	35.07	25.13
323833	0.44	0.43	0.46	0.46	0.47	0.90	0.75	1.09	1.04	1.07	0.94	1.04	0.84	0.61	0.47	0.34	0.39	0.58	0.85	0.91	0.76	0.84	0.49	0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	29.15	27.95	25.89	23.92	26.23	47.61	36.66	39.21	37.86	38.84	36.84	41.33	38.90	36.76	31.06	28.39	26.01	27.61	30.43	34.03	30.84	39.59	35.04	25.13
323834	0.43	0.42	0.45	0.45	0.47	0.87	0.74	1.08	1.03	1.05	0.93	1.00	0.83	0.60	0.46	0.34	0.38	0.57	0.83	0.90	0.76	0.82	0.46	0.32
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.51	27.30	25.30	23.38	25.59	46.43	35.74	38.29	36.94	37.90	35.94	40.30	37.95	35.85	30.35	27.81	25.48	27.00	29.72	33.18	30.09	38.60	34.15	24.48
23571	-0.21	-0.22	-0.13	-0.09	-0.17	-0.30	-0.18	0.16	0.11	0.11	0.03	-0.03	-0.12	-0.31	-0.25	-0.24	-0.15	-0.04	0.11	0.05	0.00	-0.16	-0.43	-0.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.43 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.11 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
ALBANY___3 23573	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.43 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.11 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
ALBANY___4 23574	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.43 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.11 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
ALBANY___LFGE 323615	28.80 0.08 0.00	27.58 0.06 0.00	25.56 0.13 0.00	23.63 0.15 0.00	25.87 0.11 0.00	46.95 0.21 0.00	36.15 0.23 0.00	38.75 0.61 0.00	37.40 0.56 0.00	38.39 0.60 0.00	36.38 0.46 0.00	40.81 0.48 0.00	38.43 0.36 0.00	36.28 0.12 0.00	30.70 0.11 0.00	28.13 0.08 0.00	25.79 0.16 0.00	27.33 0.29 0.00	30.07 0.47 0.00	33.57 0.44 0.00	30.42 0.34 0.00	39.03 0.27 0.00	34.52 -0.07 0.00	24.72 -0.08 0.00
ALCOA_PA_115KV_PL-6C 55860	29.86 0.18 -0.96	28.04 0.14 -0.38	25.34 -0.10 0.00	23.30 -0.17 0.00	25.97 -0.05 -0.26	46.47 -0.25 0.00	35.55 -0.37 0.00	37.30 -0.83 0.00	36.14 -0.69 0.00	37.24 -0.55 0.00	35.39 -0.52 0.00	39.74 -0.60 0.00	37.67 -0.40 0.00	36.02 -0.14 0.00	22.50 -0.07 8.03	24.09 -0.01 3.95	25.59 -0.04 0.00	26.82 -0.22 0.00	29.18 -0.42 0.00	32.73 -0.40 0.00	29.82 -0.25 0.00	38.74 -0.03 0.00	34.96 0.38 0.00	25.02 0.22 0.00
ALCOA_RYNLDS___DRP 24188	29.86 0.18 -0.96	28.04 0.14 -0.38	25.34 -0.10 0.00	23.30 -0.17 0.00	25.97 -0.05 -0.26	46.47 -0.25 0.00	35.55 -0.37 0.00	37.30 -0.83 0.00	36.14 -0.69 0.00	37.24 -0.55 0.00	35.39 -0.52 0.00	39.74 -0.60 0.00	37.67 -0.40 0.00	36.02 -0.14 0.00	22.50 -0.07 8.03	24.09 -0.01 3.95	25.59 -0.04 0.00	26.82 -0.22 0.00	29.18 -0.42 0.00	32.73 -0.40 0.00	29.82 -0.25 0.00	38.74 -0.03 0.00	34.96 0.38 0.00	25.02 0.22 0.00
ALCOA___DSASP 323711	29.86 0.18 -0.96	28.04 0.14 -0.38	25.34 -0.10 0.00	23.30 -0.17 0.00	25.97 -0.05 -0.26	46.48 -0.25 0.00	35.55 -0.37 0.00	37.30 -0.83 0.00	36.14 -0.70 0.00	37.24 -0.55 0.00	35.39 -0.52 0.00	39.74 -0.60 0.00	37.67 -0.40 0.00	36.02 -0.14 0.00	22.50 -0.07 8.03	24.09 -0.01 3.95	25.59 -0.04 0.00	26.82 -0.22 0.00	29.18 -0.42 0.00	32.73 -0.40 0.00	29.83 -0.25 0.00	38.74 -0.03 0.00	34.97 0.38 0.00	25.02 0.22 0.00
ALLEGHENY___COGEN 23514	30.58 1.86 0.00	29.39 1.87 0.00	27.48 2.04 0.00	25.36 1.88 0.00	27.94 2.18 0.00	50.77 4.04 0.00	39.46 3.54 0.00	42.24 4.11 0.00	40.64 3.81 0.00	41.20 3.41 0.00	38.98 3.07 0.00	43.85 3.52 0.00	41.16 3.08 0.00	39.08 2.92 0.00	32.73 2.13 0.00	29.71 1.66 0.00	27.16 1.54 0.00	29.08 2.04 0.00	32.13 2.53 0.00	35.69 2.55 0.00	32.44 2.37 0.00	41.54 2.77 0.00	36.69 2.11 0.00	26.31 1.51 0.00
ALTAMONT_115KV_TB 2 55880	29.01 0.29 0.00	27.79 0.27 0.00	25.77 0.33 0.00	23.80 0.33 0.00	26.06 0.30 0.00	47.31 0.57 0.00	36.41 0.49 0.00	38.98 0.85 0.00	37.61 0.78 0.00	38.56 0.77 0.00	36.60 0.69 0.00	41.05 0.72 0.00	38.65 0.57 0.00	36.52 0.36 0.00	30.91 0.31 0.00	28.32 0.27 0.00	25.93 0.31 0.00	27.48 0.44 0.00	30.23 0.62 0.00	33.75 0.62 0.00	30.61 0.53 0.00	39.29 0.52 0.00	34.79 0.21 0.00	24.95 0.14 0.00
ALTONA_WT_PWR 323606	-12.77 -1.20 40.29	10.51 -1.27 15.74	24.26 -1.18 0.00	22.30 -1.17 0.00	13.62 -1.25 10.88	44.52 -2.21 0.00	34.64 -1.29 0.00	36.10 -2.03 0.00	34.63 -2.21 0.00	35.97 -1.81 0.00	33.98 -1.93 0.00	37.82 -2.52 0.00	36.02 -2.06 0.00	34.50 -1.66 0.00	21.59 -0.98 8.03	22.99 -1.12 3.95	24.63 -1.00 0.00	25.72 -1.32 0.00	27.99 -1.61 0.00	31.53 -1.60 0.00	29.28 -0.80 0.00	38.92 0.16 0.00	35.32 0.74 0.00	25.47 0.67 0.00
AMERICAN_REF_FUEL 24010	28.60 -0.11 0.00	27.80 0.27 0.00	26.15 0.71 0.00	24.11 0.64 0.00	26.75 0.99 0.00	47.95 1.22 0.00	36.72 0.80 0.00	38.66 0.53 0.00	37.47 0.64 0.00	38.49 0.71 0.00	36.68 0.77 0.00	41.79 1.46 0.00	39.14 1.07 0.00	36.93 0.78 0.00	30.92 0.32 0.00	28.30 0.25 0.00	25.56 -0.07 0.00	27.07 0.03 0.00	29.47 -0.13 0.00	32.80 -0.34 0.00	29.72 -0.36 0.00	38.15 -0.62 0.00	34.13 -0.45 0.00	24.78 -0.03 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.95 1.23 0.00	28.86 1.34 0.00	27.04 1.60 0.00	25.01 1.54 0.00	27.46 1.70 0.00	49.86 3.13 0.00	38.62 2.70 0.00	41.29 3.16 0.00	39.75 2.92 0.00	40.75 2.97 0.00	39.04 3.13 0.00	44.49 4.16 0.00	41.48 3.41 0.00	39.18 3.02 0.00	32.77 2.17 0.00	30.02 1.98 0.00	27.10 1.48 0.00	28.71 1.68 0.00	31.20 1.60 0.00	34.50 1.37 0.00	31.22 1.14 0.00	40.18 1.42 0.00	35.85 1.27 0.00	25.96 1.15 0.00
ARTHUR KILL_GT_1 23520	30.09 1.37 0.00	28.83 1.31 0.00	26.79 1.36 0.00	24.73 1.26 0.00	26.94 1.18 0.00	48.94 2.21 0.00	37.55 1.63 0.00	40.43 2.30 0.00	39.00 2.16 0.00	39.52 1.74 0.00	37.86 1.95 0.00	42.18 1.85 0.00	39.92 1.84 0.00	37.73 1.57 0.00	32.19 1.59 0.00	29.54 1.49 0.00	27.05 1.42 0.00	28.71 1.67 0.00	31.69 2.09 0.00	35.41 2.27 0.00	32.13 2.05 0.00	40.81 2.05 0.00	36.03 1.44 0.00	25.93 1.13 0.00
ARTHUR_KILL_2 23512	30.00 1.28 0.00	28.76 1.24 0.00	26.72 1.28 0.00	24.66 1.19 0.00	26.87 1.11 0.00	48.80 2.07 0.00	37.43 1.51 0.00	40.30 2.17 0.00	38.88 2.04 0.00	39.40 1.62 0.00	37.74 1.83 0.00	42.05 1.72 0.00	39.79 1.72 0.00	37.62 1.47 0.00	32.10 1.51 0.00	29.46 1.41 0.00	26.97 1.34 0.00	28.62 1.58 0.00	31.59 1.99 0.00	35.29 2.15 0.00	32.03 1.95 0.00	40.68 1.91 0.00	35.92 1.34 0.00	25.86 1.06 0.00
ARTHUR_KILL_3 23513	29.64 0.92 0.00	28.39 0.87 0.00	26.35 0.91 0.00	24.32 0.85 0.00	26.49 0.73 0.00	48.20 1.47 0.00	37.17 1.25 0.00	40.17 2.04 0.00	38.75 1.91 0.00	39.45 1.66 0.00	37.53 1.62 0.00	42.01 1.68 0.00	39.54 1.46 0.00	37.33 1.17 0.00	31.69 1.09 0.00	29.08 1.03 0.00	26.62 0.99 0.00	28.25 1.21 0.00	31.18 1.58 0.00	34.81 1.67 0.00	31.61 1.54 0.00	40.29 1.53 0.00	35.49 0.90 0.00	25.47 0.66 0.00

[illegible]

ASTORIA_GT4_4 24105	29.87 1.15 0.00	28.59 1.07 0.00	26.53 1.09 0.00	24.43 0.96 0.00	26.60 0.84 0.00	48.43 1.70 0.00	37.38 1.46 0.00	40.36 2.22 0.00	39.02 2.19 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.22 1.89 0.00	39.76 1.68 0.00	37.58 1.42 0.00	31.93 1.33 0.00	29.30 1.25 0.00	26.83 1.20 0.00	28.43 1.39 0.00	31.34 1.74 0.00	35.01 1.88 0.00	31.80 1.72 0.00	40.49 1.73 0.00	35.66 1.07 0.00	25.65 0.84 0.00
ASTORIA_GT_1 23523	29.92 1.20 0.00	28.65 1.13 0.00	26.57 1.13 0.00	24.47 0.99 0.00	26.64 0.88 0.00	48.50 1.77 0.00	37.44 1.52 0.00	40.44 2.31 0.00	39.11 2.28 0.00	39.77 1.99 0.00	37.84 1.93 0.00	42.32 1.99 0.00	39.84 1.77 0.00	37.65 1.49 0.00	32.00 1.40 0.00	29.35 1.30 0.00	26.89 1.26 0.00	28.49 1.45 0.00	31.41 1.80 0.00	35.08 1.94 0.00	31.86 1.78 0.00	40.57 1.81 0.00	35.73 1.14 0.00	25.69 0.88 0.00
ASTORIA_GT_10 24110	29.77 1.05 0.00	28.49 0.97 0.00	26.44 1.01 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.20 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.22 1.89 0.00	39.73 1.65 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.72 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.59 0.78 0.00
ASTORIA_GT_11 24225	29.77 1.05 0.00	28.49 0.97 0.00	26.44 1.01 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.20 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.22 1.89 0.00	39.73 1.65 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.72 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.59 0.78 0.00
ASTORIA_GT_12 24226	29.77 1.05 0.00	28.49 0.97 0.00	26.44 1.01 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.20 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.22 1.89 0.00	39.73 1.65 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.72 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.59 0.78 0.00
ASTORIA_GT_13 24227	29.77 1.05 0.00	28.49 0.97 0.00	26.44 1.01 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.20 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.22 1.89 0.00	39.73 1.65 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.72 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.59 0.78 0.00
ASTORIA_GT_5 24106	29.92 1.20 0.00	28.64 1.12 0.00	26.57 1.14 0.00	24.47 1.00 0.00	26.63 0.88 0.00	48.50 1.77 0.00	37.44 1.52 0.00	40.44 2.31 0.00	39.11 2.28 0.00	39.77 1.99 0.00	37.84 1.93 0.00	42.32 1.99 0.00	39.84 1.77 0.00	37.65 1.50 0.00	32.00 1.40 0.00	29.35 1.31 0.00	26.89 1.26 0.00	28.49 1.45 0.00	31.40 1.80 0.00	35.08 1.95 0.00	31.86 1.78 0.00	40.57 1.81 0.00	35.72 1.13 0.00	25.69 0.88 0.00
ASTORIA_GT_7 24107	29.92 1.20 0.00	28.64 1.12 0.00	26.57 1.14 0.00	24.47 1.00 0.00	26.63 0.88 0.00	48.50 1.77 0.00	37.44 1.52 0.00	40.44 2.31 0.00	39.11 2.28 0.00	39.77 1.99 0.00	37.84 1.93 0.00	42.32 1.99 0.00	39.84 1.77 0.00	37.65 1.50 0.00	32.00 1.40 0.00	29.35 1.31 0.00	26.89 1.26 0.00	28.49 1.45 0.00	31.40 1.80 0.00	35.08 1.95 0.00	31.86 1.78 0.00	40.57 1.81 0.00	35.72 1.13 0.00	25.69 0.88 0.00
ASTORIA_GT_8 24108	29.92 1.20 0.00	28.64 1.12 0.00	26.57 1.14 0.00	24.47 1.00 0.00	26.63 0.88 0.00	48.50 1.77 0.00	37.44 1.52 0.00	40.44 2.31 0.00	39.11 2.28 0.00	39.77 1.99 0.00	37.84 1.93 0.00	42.32 1.99 0.00	39.84 1.77 0.00	37.65 1.50 0.00	32.00 1.40 0.00	29.35 1.31 0.00	26.89 1.26 0.00	28.49 1.45 0.00	31.40 1.80 0.00	35.08 1.95 0.00	31.86 1.78 0.00	40.57 1.81 0.00	35.72 1.13 0.00	25.69 0.88 0.00
ASTORIA___2 24149	29.87 1.15 0.00	28.60 1.08 0.00	26.54 1.10 0.00	24.43 0.96 0.00	26.60 0.84 0.00	48.43 1.70 0.00	37.38 1.46 0.00	40.35 2.22 0.00	39.02 2.19 0.00	39.70 1.91 0.00	37.77 1.86 0.00	42.23 1.90 0.00	39.76 1.68 0.00	37.58 1.42 0.00	31.93 1.33 0.00	29.30 1.25 0.00	26.83 1.20 0.00	28.43 1.39 0.00	31.34 1.74 0.00	35.01 1.87 0.00	31.80 1.72 0.00	40.49 1.73 0.00	35.66 1.08 0.00	25.65 0.84 0.00
ASTORIA___3 23516	29.77 1.06 0.00	28.50 0.98 0.00	26.44 1.00 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.39 1.66 0.00	37.35 1.43 0.00	40.33 2.19 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.77 1.85 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.73 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.80 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.58 0.77 0.00
ASTORIA___4 23517	29.77 1.05 0.00	28.49 0.97 0.00	26.44 1.01 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.19 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.22 1.89 0.00	39.73 1.65 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.72 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.59 0.78 0.00
ASTORIA___5 23518	29.77 1.06 0.00	28.50 0.98 0.00	26.44 1.00 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.19 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.77 1.86 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.73 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.58 0.78 0.00
AST_ENERGY_2_CC3 323677	29.72 1.00 0.00	28.44 0.92 0.00	26.39 0.96 0.00	24.37 0.89 0.00	26.53 0.77 0.00	48.29 1.56 0.00	37.27 1.35 0.00	40.26 2.13 0.00	38.87 2.04 0.00	39.60 1.82 0.00	37.66 1.76 0.00	42.16 1.83 0.00	39.68 1.61 0.00	37.43 1.28 0.00	31.78 1.18 0.00	29.16 1.11 0.00	26.70 1.07 0.00	28.33 1.29 0.00	31.26 1.66 0.00	34.90 1.77 0.00	31.70 1.62 0.00	40.40 1.63 0.00	35.58 0.99 0.00	25.53 0.73 0.00
AST_ENERGY_2_CC4 323678	29.72 1.00 0.00	28.44 0.92 0.00	26.39 0.96 0.00	24.37 0.89 0.00	26.53 0.77 0.00	48.29 1.56 0.00	37.27 1.35 0.00	40.26 2.13 0.00	38.87 2.04 0.00	39.60 1.82 0.00	37.66 1.76 0.00	42.16 1.83 0.00	39.68 1.61 0.00	37.43 1.28 0.00	31.78 1.18 0.00	29.16 1.11 0.00	26.70 1.07 0.00	28.33 1.29 0.00	31.26 1.66 0.00	34.90 1.77 0.00	31.70 1.62 0.00	40.40 1.63 0.00	35.58 0.99 0.00	25.53 0.73 0.00

ATHENS_STG_1 23668	29.25 0.53 0.00	28.02 0.49 0.00	25.99 0.56 0.00	24.01 0.54 0.00	26.24 0.48 0.00	47.70 0.97 0.00	36.73 0.81 0.00	39.44 1.31 0.00	38.05 1.21 0.00	38.91 1.13 0.00	36.97 1.06 0.00	41.44 1.11 0.00	39.00 0.92 0.00	36.84 0.68 0.00	31.21 0.61 0.00	28.61 0.56 0.00	26.18 0.55 0.00	27.75 0.71 0.00	30.56 0.96 0.00	34.10 0.96 0.00	30.94 0.86 0.00	39.64 0.87 0.00	35.05 0.47 0.00	25.14 0.33 0.00
ATHENS_STG_2 23670	29.25 0.53 0.00	28.02 0.49 0.00	25.99 0.56 0.00	24.01 0.54 0.00	26.24 0.48 0.00	47.70 0.97 0.00	36.73 0.81 0.00	39.44 1.31 0.00	38.05 1.21 0.00	38.91 1.13 0.00	36.97 1.06 0.00	41.44 1.11 0.00	39.00 0.92 0.00	36.84 0.68 0.00	31.21 0.61 0.00	28.61 0.56 0.00	26.18 0.55 0.00	27.75 0.71 0.00	30.56 0.96 0.00	34.10 0.96 0.00	30.94 0.86 0.00	39.64 0.87 0.00	35.05 0.47 0.00	25.14 0.33 0.00
ATHENS_STG_3 23677	29.25 0.53 0.00	28.02 0.49 0.00	25.99 0.56 0.00	24.01 0.54 0.00	26.24 0.48 0.00	47.70 0.97 0.00	36.73 0.81 0.00	39.44 1.31 0.00	38.05 1.21 0.00	38.91 1.13 0.00	36.97 1.06 0.00	41.44 1.11 0.00	39.00 0.92 0.00	36.84 0.68 0.00	31.21 0.61 0.00	28.61 0.56 0.00	26.18 0.55 0.00	27.75 0.71 0.00	30.56 0.96 0.00	34.10 0.96 0.00	30.94 0.86 0.00	39.64 0.87 0.00	35.05 0.47 0.00	25.14 0.33 0.00
AUBURN___LFGE 323710	28.87 0.15 0.00	27.71 0.19 0.00	25.76 0.32 0.00	23.70 0.23 0.00	26.18 0.42 0.00	47.55 0.82 0.00	36.44 0.51 0.00	38.64 0.52 0.00	37.36 0.52 0.00	38.23 0.45 0.00	36.35 0.44 0.00	40.93 0.60 0.00	38.46 0.39 0.00	36.45 0.29 0.00	30.76 0.16 0.00	28.19 0.14 0.00	25.72 0.09 0.00	27.22 0.19 0.00	29.88 0.28 0.00	33.68 0.54 0.00	30.53 0.45 0.00	39.20 0.43 0.00	34.90 0.31 0.00	25.16 0.35 0.00
BABYLON_RES_REC 323704	30.15 1.43 0.00	28.86 1.33 0.00	26.77 1.34 0.00	24.75 1.28 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.33 1.41 0.00	40.69 2.55 0.00	39.35 2.52 0.00	39.98 2.20 0.00	38.21 2.31 0.00	42.05 1.72 0.00	40.13 2.05 0.00	38.09 2.00 0.06	32.41 1.67 -0.14	29.49 1.44 0.00	26.84 1.21 0.00	28.26 1.22 0.00	31.36 1.76 0.00	35.09 1.96 0.00	31.85 1.77 0.00	40.48 1.72 0.00	35.77 1.19 0.00	25.60 0.79 0.00
BABYLON__69_KV_BK2 356345	30.44 1.73 0.00	29.13 1.60 0.00	27.04 1.60 0.00	25.00 1.53 0.00	27.08 1.32 0.00	49.22 2.49 0.00	37.69 1.77 0.00	41.09 2.96 0.00	39.77 2.94 0.00	40.40 2.62 0.00	38.58 2.68 0.00	42.44 2.11 0.00	40.52 2.45 0.00	38.39 2.34 0.11	32.67 1.96 -0.12	29.77 1.72 0.00	27.10 1.47 0.00	28.53 1.49 0.00	31.69 2.09 0.00	35.47 2.34 0.00	32.20 2.12 0.00	40.92 2.16 0.00	36.13 1.55 0.00	25.85 1.04 0.00
BALL_HILL_WT_PWR 323825	29.48 0.76 0.00	28.49 0.97 0.00	26.78 1.34 0.00	24.70 1.22 0.00	27.25 1.49 0.00	49.17 2.44 0.00	37.99 2.07 0.00	40.39 2.26 0.00	39.01 2.17 0.00	39.95 2.17 0.00	38.19 2.28 0.00	43.50 3.17 0.00	40.64 2.56 0.00	38.39 2.23 0.00	32.13 1.53 0.00	29.44 1.39 0.00	26.56 0.93 0.00	28.15 1.11 0.00	30.64 1.04 0.00	34.01 0.87 0.00	30.80 0.73 0.00	39.59 0.82 0.00	35.29 0.71 0.00	25.54 0.73 0.00
BARON_WINDS___WT_PWR 323822	29.69 0.97 0.00	28.41 0.89 0.00	26.61 1.17 0.00	24.51 1.04 0.00	26.85 1.09 0.00	49.02 2.30 0.00	38.09 2.17 0.00	41.05 2.92 0.00	39.49 2.66 0.00	40.06 2.27 0.00	38.36 2.45 0.00	43.47 3.14 0.00	40.44 2.37 0.00	38.35 2.19 0.00	32.27 1.67 0.00	29.46 1.41 0.00	26.63 1.00 0.00	28.32 1.27 0.00	31.08 1.48 0.00	34.18 1.05 0.00	30.94 0.87 0.00	39.79 1.03 0.00	35.08 0.50 0.00	25.27 0.46 0.00
BARRETT_IC_1 23704	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_10 23701	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_11 23702	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_12 23703	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_2 23705	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_3 23706	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_4 23707	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00

BARRETT_IC_5 23708	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_6 23709	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_7 23710	29.90 1.18 0.00	28.65 1.12 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.94 1.98 -0.05	41.78 1.43 -0.02	39.82 1.71 -0.03	41.95 1.64 -4.16	34.70 1.45 -2.66	29.31 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.70 1.56 0.00	31.54 1.46 0.00	40.14 1.38 0.00	35.42 0.84 0.00	25.42 0.61 0.00
BARRETT_IC_8 23711	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT_IC_9 23700	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT___1 23545	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BARRETT___2 23546	29.90 1.18 0.00	28.65 1.13 0.00	26.56 1.12 0.00	24.54 1.07 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.04 1.12 0.00	40.22 2.09 0.00	38.92 2.08 0.00	39.62 1.83 0.00	37.95 1.99 -0.05	41.78 1.43 -0.02	39.83 1.72 -0.03	41.99 1.68 -4.16	34.72 1.46 -2.66	29.32 1.23 -0.03	26.64 1.01 0.00	28.05 1.01 0.00	31.00 1.40 0.00	34.69 1.56 0.00	31.54 1.46 0.00	40.14 1.37 0.00	35.44 0.85 0.00	25.41 0.61 0.00
BATAVIA___115KV_TB1 55881	29.57 0.85 0.00	28.70 1.18 0.00	26.89 1.46 0.00	24.80 1.33 0.00	27.49 1.73 0.00	49.47 2.74 0.00	38.12 2.20 0.00	40.31 2.18 0.00	39.09 2.26 0.00	40.11 2.33 0.00	38.19 2.28 0.00	43.45 3.12 0.00	40.74 2.66 0.00	38.37 2.22 0.00	32.15 1.55 0.00	29.46 1.41 0.00	26.65 1.03 0.00	28.24 1.20 0.00	30.80 1.20 0.00	34.38 1.25 0.00	31.14 1.07 0.00	39.90 1.13 0.00	35.58 1.00 0.00	25.69 0.88 0.00
BAYONEEC___CTG1 323682	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG10 323750	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG2 323683	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG3 323684	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG4 323685	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG5 323686	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG6 323687	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00

BAYONEEC___CTG7 323688	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG8 323689	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BAYONEEC___CTG9 323749	29.76 1.04 0.00	28.49 0.97 0.00	26.44 1.00 0.00	24.40 0.93 0.00	26.58 0.82 0.00	48.37 1.65 0.00	37.33 1.41 0.00	40.32 2.19 0.00	38.92 2.09 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.49 1.33 0.00	31.83 1.23 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.32 1.72 0.00	34.96 1.82 0.00	31.74 1.67 0.00	40.45 1.69 0.00	35.64 1.05 0.00	25.57 0.77 0.00
BEACON___LESR 323632	29.00 0.28 0.00	27.52 -0.01 0.00	25.42 -0.02 0.00	23.47 0.00 0.00	25.73 -0.03 0.00	46.73 0.00 0.00	35.98 0.06 0.00	38.57 0.44 0.00	37.18 0.35 0.00	38.25 0.47 0.00	36.13 0.22 0.00	40.55 0.22 0.00	38.17 0.10 0.00	36.08 -0.07 0.00	30.55 -0.05 0.00	28.01 -0.04 0.00	25.64 0.01 0.00	27.24 0.19 0.00	30.01 0.41 0.00	33.53 0.40 0.00	30.42 0.35 0.00	39.08 0.31 0.00	34.54 -0.05 0.00	24.70 -0.11 0.00
BEAVER RIVER___HYD 24048	31.35 0.51 -2.12	28.77 0.42 -0.83	25.71 0.27 0.00	23.70 0.23 0.00	26.60 0.27 -0.57	47.25 0.52 0.00	36.21 0.29 0.00	37.70 -0.43 0.00	36.97 0.13 0.00	38.06 0.28 0.00	35.99 0.08 0.00	40.39 0.06 0.00	37.96 -0.11 0.00	36.01 -0.15 0.00	30.51 -0.09 0.00	28.00 -0.05 0.00	25.55 -0.08 0.00	26.96 -0.08 0.00	29.62 0.02 0.00	33.60 0.47 0.00	30.69 0.61 0.00	39.53 0.77 0.00	35.27 0.68 0.00	25.18 0.38 0.00
BEEBEE_GT_13 23619	28.82 0.10 0.00	27.88 0.36 0.00	26.02 0.59 0.00	24.00 0.53 0.00	26.52 0.77 0.00	47.85 1.12 0.00	36.89 0.97 0.00	39.05 0.92 0.00	37.84 1.01 0.00	38.87 1.09 0.00	37.00 1.09 0.00	41.92 1.59 0.00	39.32 1.25 0.00	37.17 1.01 0.00	31.22 0.62 0.00	28.60 0.55 0.00	25.95 0.32 0.00	27.50 0.46 0.00	30.04 0.44 0.00	33.59 0.46 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.77 0.19 0.00	25.03 0.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.11 1.39 0.00	28.81 1.29 0.00	26.74 1.31 0.00	24.67 1.20 0.00	26.88 1.12 0.00	48.96 2.23 0.00	37.73 1.81 0.00	40.75 2.62 0.00	39.38 2.54 0.00	40.03 2.25 0.00	38.12 2.21 0.00	42.59 2.26 0.00	40.14 2.07 0.00	37.88 1.73 0.00	32.20 1.60 0.00	29.55 1.49 0.00	27.05 1.42 0.00	28.71 1.67 0.00	31.68 2.08 0.00	35.40 2.27 0.00	32.15 2.07 0.00	40.93 2.16 0.00	36.04 1.45 0.00	25.87 1.07 0.00
BETHLEHEM___GRP 23843	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.43 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.11 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
BETHLEHEM___GS1 323560	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.44 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.12 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
BETHLEHEM___GS2 323561	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.44 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.12 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
BETHLEHEM___GS3 323562	28.51 -0.21 0.00	27.30 -0.22 0.00	25.30 -0.13 0.00	23.38 -0.09 0.00	25.59 -0.17 0.00	46.44 -0.30 0.00	35.74 -0.18 0.00	38.29 0.16 0.00	36.94 0.11 0.00	37.90 0.12 0.00	35.94 0.03 0.00	40.30 -0.03 0.00	37.95 -0.12 0.00	35.85 -0.31 0.00	30.35 -0.25 0.00	27.81 -0.24 0.00	25.48 -0.15 0.00	27.00 -0.04 0.00	29.72 0.11 0.00	33.18 0.05 0.00	30.09 0.00 0.00	38.60 -0.16 0.00	34.15 -0.43 0.00	24.48 -0.33 0.00
BETHLEHEM___STEEL 23779	29.38 0.67 0.00	28.53 1.00 0.00	26.77 1.33 0.00	24.68 1.21 0.00	27.32 1.56 0.00	49.11 2.38 0.00	37.87 1.95 0.00	40.08 1.95 0.00	38.79 1.95 0.00	39.83 2.04 0.00	37.99 2.07 0.00	43.24 2.91 0.00	40.47 2.39 0.00	38.20 2.04 0.00	31.97 1.38 0.00	29.28 1.23 0.00	26.42 0.79 0.00	28.00 0.96 0.00	30.48 0.88 0.00	33.90 0.77 0.00	30.73 0.65 0.00	39.45 0.69 0.00	35.21 0.63 0.00	25.45 0.64 0.00
BETHLHEM_115KV_TB1 79974	28.62 -0.10 0.00	27.40 -0.13 0.00	25.39 -0.05 0.00	23.47 0.00 0.00	25.69 -0.07 0.00	46.62 -0.11 0.00	35.88 -0.04 0.00	38.44 0.31 0.00	37.08 0.25 0.00	38.04 0.25 0.00	36.07 0.16 0.00	40.45 0.12 0.00	38.10 0.03 0.00	35.99 -0.17 0.00	30.47 -0.12 0.00	27.92 -0.13 0.00	25.58 -0.05 0.00	27.10 0.06 0.00	29.83 0.23 0.00	33.30 0.16 0.00	30.19 0.11 0.00	38.75 -0.02 0.00	34.29 -0.30 0.00	24.58 -0.23 0.00
BETHPAGE_CC_5 323564	30.11 1.40 0.00	28.83 1.31 0.00	26.74 1.30 0.00	24.71 1.24 0.00	26.79 1.03 0.00	48.67 1.94 0.00	37.30 1.38 0.00	40.61 2.48 0.00	39.27 2.44 0.00	39.90 2.12 0.00	38.14 2.23 0.00	42.03 1.70 0.00	40.03 1.96 0.00	38.14 1.90 -0.08	32.43 1.61 -0.23	29.42 1.37 0.00	26.78 1.16 0.00	28.23 1.18 0.00	31.30 1.70 0.00	35.02 1.89 0.00	31.78 1.70 0.00	40.42 1.66 0.00	35.71 1.13 0.00	25.58 0.78 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.52 0.80 0.00	28.64 1.12 0.00	26.88 1.44 0.00	24.79 1.32 0.00	27.43 1.67 0.00	49.33 2.60 0.00	38.06 2.14 0.00	40.30 2.17 0.00	39.00 2.16 0.00	40.04 2.25 0.00	38.18 2.27 0.00	43.47 3.14 0.00	40.67 2.60 0.00	38.39 2.23 0.00	32.14 1.54 0.00	29.44 1.39 0.00	26.56 0.93 0.00	28.14 1.10 0.00	30.65 1.05 0.00	34.08 0.94 0.00	30.88 0.81 0.00	39.66 0.89 0.00	35.39 0.80 0.00	25.56 0.76 0.00

BINGHAMTON___COGEN 23790	29.52 0.80 0.00	28.23 0.70 0.00	26.36 0.92 0.00	24.31 0.84 0.00	26.59 0.83 0.00	48.43 1.70 0.00	37.47 1.55 0.00	40.30 2.17 0.00	38.82 1.99 0.00	39.52 1.73 0.00	37.78 1.87 0.00	42.69 2.35 0.00	39.91 1.84 0.00	37.79 1.64 0.00	31.91 1.31 0.00	29.22 1.17 0.00	26.53 0.91 0.00	28.18 1.14 0.00	30.84 1.24 0.00	33.90 0.77 0.00	30.72 0.65 0.00	39.49 0.73 0.00	34.99 0.40 0.00	25.20 0.39 0.00
BIXINCNT_115KV_LOAD 355685	30.03 1.31 0.00	29.11 1.59 0.00	27.31 1.87 0.00	25.19 1.71 0.00	27.81 2.05 0.00	50.06 3.33 0.00	38.77 2.85 0.00	41.27 3.14 0.00	39.86 3.03 0.00	40.86 3.07 0.00	39.00 3.09 0.00	44.40 4.07 0.00	41.48 3.40 0.00	39.12 2.96 0.00	32.86 2.26 0.00	30.05 2.00 0.00	27.01 1.38 0.00	28.54 1.50 0.00	31.20 1.60 0.00	34.60 1.47 0.00	31.41 1.34 0.00	40.35 1.58 0.00	35.98 1.39 0.00	25.96 1.15 0.00
BLACK RIVER___HYD 24047	30.70 0.50 -1.49	28.50 0.40 -0.58	25.70 0.26 0.00	23.73 0.25 0.00	26.43 0.27 -0.40	47.41 0.68 0.00	36.38 0.46 0.00	37.92 -0.21 0.00	37.25 0.42 0.00	38.30 0.52 0.00	36.12 0.21 0.00	40.38 0.05 0.00	37.88 -0.19 0.00	35.86 -0.29 0.00	30.31 -0.29 0.00	27.83 -0.22 0.00	25.45 -0.18 0.00	26.91 -0.13 0.00	29.62 0.02 0.00	33.77 0.64 0.00	30.86 0.78 0.00	39.68 0.92 0.00	35.29 0.71 0.00	25.18 0.37 0.00
BLACKRVR_115KV_TB2 79977	30.70 0.50 -1.49	28.51 0.40 -0.58	25.70 0.26 0.00	23.72 0.25 0.00	26.43 0.27 -0.40	47.40 0.67 0.00	36.38 0.46 0.00	37.92 -0.21 0.00	37.25 0.42 0.00	38.30 0.52 0.00	36.12 0.21 0.00	40.38 0.05 0.00	37.88 -0.19 0.00	35.86 -0.29 0.00	30.31 -0.29 0.00	27.83 -0.22 0.00	25.45 -0.18 0.00	26.91 -0.13 0.00	29.62 0.02 0.00	33.77 0.64 0.00	30.86 0.78 0.00	39.68 0.92 0.00	35.30 0.71 0.00	25.18 0.37 0.00
BLISS_WT_PWR 323608	30.04 1.33 0.00	29.09 1.57 0.00	27.34 1.90 0.00	25.21 1.74 0.00	27.83 2.08 0.00	50.10 3.37 0.00	38.81 2.89 0.00	41.33 3.20 0.00	39.92 3.08 0.00	40.91 3.13 0.00	39.04 3.13 0.00	44.46 4.13 0.00	41.53 3.46 0.00	39.16 3.00 0.00	32.89 2.29 0.00	30.08 2.03 0.00	27.02 1.39 0.00	28.52 1.48 0.00	31.19 1.59 0.00	34.60 1.47 0.00	31.42 1.35 0.00	40.36 1.59 0.00	35.98 1.40 0.00	25.97 1.16 0.00
BLUESTONE___WT_PWR 323821	30.69 1.97 0.00	29.26 1.73 0.00	27.32 1.88 0.00	25.13 1.66 0.00	27.55 1.79 0.00	49.99 3.26 0.00	38.65 2.73 0.00	41.51 3.38 0.00	40.12 3.28 0.00	40.99 3.21 0.00	39.17 3.26 0.00	44.15 3.82 0.00	41.35 3.27 0.00	39.12 2.96 0.00	33.07 2.47 0.00	30.37 2.32 0.00	27.60 1.97 0.00	29.39 2.35 0.00	32.29 2.69 0.00	35.83 2.70 0.00	32.46 2.38 0.00	41.61 2.85 0.00	36.81 2.23 0.00	26.41 1.61 0.00
BLUE_CIRC_CHEM_DRP 24182	28.98 0.26 0.00	27.78 0.25 0.00	25.74 0.30 0.00	23.78 0.31 0.00	26.07 0.31 0.00	47.31 0.58 0.00	36.40 0.48 0.00	38.92 0.79 0.00	37.57 0.74 0.00	38.55 0.76 0.00	36.56 0.65 0.00	41.03 0.70 0.00	38.64 0.56 0.00	36.51 0.35 0.00	30.87 0.27 0.00	28.25 0.20 0.00	25.87 0.25 0.00	27.44 0.40 0.00	30.20 0.60 0.00	33.75 0.61 0.00	30.59 0.51 0.00	39.29 0.52 0.00	34.80 0.21 0.00	24.95 0.14 0.00
BOC_GAS_DRP 24189	28.89 0.18 0.00	27.69 0.16 0.00	25.66 0.22 0.00	23.70 0.23 0.00	25.95 0.18 0.00	47.09 0.36 0.00	36.24 0.32 0.00	38.80 0.67 0.00	37.44 0.60 0.00	38.36 0.57 0.00	36.41 0.50 0.00	40.85 0.52 0.00	38.47 0.39 0.00	36.37 0.21 0.00	30.79 0.19 0.00	28.21 0.16 0.00	25.83 0.20 0.00	27.35 0.31 0.00	30.09 0.49 0.00	33.59 0.46 0.00	30.47 0.39 0.00	39.12 0.35 0.00	34.65 0.06 0.00	24.84 0.04 0.00
BOONVILLE_115KV_TB1 79983	30.25 0.72 -0.81	28.49 0.65 -0.32	26.01 0.57 0.00	24.00 0.53 0.00	26.56 0.59 -0.22	47.88 1.15 0.00	36.85 0.93 0.00	38.84 0.70 0.00	37.81 0.97 0.00	38.83 1.05 0.00	36.84 0.93 0.00	41.38 1.05 0.00	38.89 0.81 0.00	36.83 0.68 0.00	31.19 0.59 0.00	28.61 0.56 0.00	26.13 0.50 0.00	27.64 0.60 0.00	30.38 0.78 0.00	34.19 1.06 0.00	31.10 1.02 0.00	39.99 1.22 0.00	35.55 0.97 0.00	25.43 0.62 0.00
BORALEX_4TH_BRANCH 23824	29.25 0.54 0.00	28.03 0.50 0.00	26.03 0.59 0.00	24.05 0.58 0.00	26.36 0.60 0.00	47.80 1.07 0.00	36.80 0.88 0.00	39.57 1.44 0.00	38.02 1.19 0.00	39.12 1.33 0.00	37.09 1.18 0.00	41.63 1.30 0.00	39.15 1.08 0.00	36.79 0.63 0.00	31.14 0.55 0.00	28.46 0.41 0.00	26.15 0.52 0.00	27.75 0.71 0.00	30.67 1.07 0.00	34.11 0.98 0.00	30.87 0.79 0.00	39.71 0.95 0.00	35.01 0.42 0.00	25.05 0.24 0.00
BOWLINE___1 23526	29.60 0.88 0.00	28.38 0.86 0.00	26.34 0.90 0.00	24.33 0.85 0.00	26.51 0.75 0.00	48.24 1.51 0.00	37.18 1.26 0.00	40.14 2.01 0.00	38.67 1.84 0.00	39.38 1.59 0.00	37.47 1.56 0.00	41.95 1.62 0.00	39.49 1.42 0.00	37.30 1.15 0.00	31.61 1.01 0.00	29.02 0.97 0.00	26.54 0.91 0.00	28.16 1.12 0.00	31.09 1.49 0.00	34.68 1.54 0.00	31.47 1.40 0.00	40.19 1.43 0.00	35.46 0.88 0.00	25.44 0.64 0.00
BOWLINE___2 23595	29.60 0.88 0.00	28.38 0.86 0.00	26.34 0.90 0.00	24.33 0.85 0.00	26.51 0.75 0.00	48.24 1.51 0.00	37.18 1.26 0.00	40.14 2.01 0.00	38.67 1.84 0.00	39.38 1.60 0.00	37.47 1.56 0.00	41.95 1.62 0.00	39.50 1.42 0.00	37.30 1.15 0.00	31.61 1.02 0.00	29.02 0.98 0.00	26.54 0.91 0.00	28.16 1.12 0.00	31.09 1.49 0.00	34.68 1.54 0.00	31.47 1.40 0.00	40.19 1.43 0.00	35.46 0.88 0.00	25.44 0.64 0.00
BRADY___115KV_TB2 356060	31.63 0.40 -2.52	28.85 0.35 -0.98	25.50 0.07 0.00	23.45 -0.02 0.00	26.57 0.12 -0.68	46.75 0.02 0.00	35.73 -0.18 0.00	37.48 -0.65 0.00	36.32 -0.51 0.00	37.40 -0.38 0.00	35.49 -0.42 0.00	39.84 -0.50 0.00	37.71 -0.36 0.00	36.07 -0.08 0.00	30.59 -0.01 0.00	28.08 0.03 0.00	25.63 0.01 0.00	26.90 -0.14 0.00	29.32 -0.28 0.00	32.96 -0.17 0.00	30.04 -0.04 0.00	39.01 0.24 0.00	35.24 0.66 0.00	25.23 0.42 0.00
BRANSCOMB___SOLAR 323811	29.48 0.76 0.00	28.24 0.72 0.00	26.23 0.79 0.00	24.21 0.73 0.00	26.55 0.79 0.00	48.21 1.48 0.00	37.17 1.25 0.00	39.86 1.73 0.00	38.34 1.51 0.00	39.50 1.72 0.00	37.56 1.65 0.00	42.01 1.68 0.00	39.40 1.33 0.00	36.99 0.84 0.00	31.31 0.71 0.00	28.68 0.63 0.00	26.36 0.73 0.00	28.03 0.99 0.00	30.90 1.30 0.00	34.45 1.32 0.00	31.15 1.08 0.00	39.90 1.14 0.00	35.25 0.66 0.00	25.26 0.45 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	30.33 1.61 0.00	29.03 1.50 0.00	26.94 1.51 0.00	24.92 1.45 0.00	26.98 1.22 0.00	49.03 2.30 0.00	37.51 1.59 0.00	40.90 2.77 0.00	39.58 2.75 0.00	40.22 2.43 0.00	38.40 2.49 0.00	42.23 1.90 0.00	40.32 2.25 0.00	38.08 2.18 0.25	32.46 1.83 -0.03	29.65 1.61 0.00	27.03 1.40 0.00	28.41 1.37 0.00	31.55 1.95 0.00	35.29 2.15 0.00	32.02 1.94 0.00	40.69 1.93 0.00	35.94 1.36 0.00	25.74 0.94 0.00

BRISTLHL_115KV_TB1 79998	28.20 -0.52 0.00	27.07 -0.46 0.00	25.12 -0.32 0.00	23.19 -0.28 0.00	25.48 -0.28 0.00	46.25 -0.48 0.00	35.59 -0.33 0.00	37.65 -0.48 0.00	36.41 -0.42 0.00	37.29 -0.50 0.00	35.47 -0.44 0.00	39.91 -0.42 0.00	37.52 -0.55 0.00	35.55 -0.61 0.00	30.00 -0.60 0.00	27.50 -0.55 0.00	25.10 -0.52 0.00	26.54 -0.50 0.00	29.10 -0.50 0.00	32.80 -0.33 0.00	29.73 -0.34 0.00	38.16 -0.60 0.00	33.93 -0.65 0.00	24.43 -0.38 0.00
BROOKHAVEN___DRP 24191	30.13 1.41 0.00	28.83 1.31 0.00	26.82 1.38 0.00	24.85 1.38 0.00	26.81 1.05 0.00	48.70 1.97 0.00	36.90 0.98 0.00	40.50 2.38 0.00	39.30 2.47 0.00	39.94 2.16 0.00	38.19 2.29 0.01	41.91 1.58 0.00	40.16 2.09 0.01	37.91 2.05 0.29	32.27 1.67 -0.01	29.49 1.44 0.01	26.95 1.33 0.00	28.32 1.28 0.00	31.35 1.76 0.00	35.00 1.86 0.00	31.78 1.71 0.00	40.38 1.62 0.00	35.79 1.20 0.00	25.53 0.72 0.00
BROOKLYN_NAVY_YARD 23515	29.76 1.04 0.00	28.48 0.96 0.00	26.41 0.98 0.00	24.37 0.90 0.00	26.55 0.79 0.00	48.34 1.61 0.00	37.32 1.40 0.00	40.30 2.17 0.00	38.92 2.09 0.00	39.66 1.87 0.00	37.70 1.80 0.00	42.21 1.87 0.00	39.72 1.65 0.00	37.47 1.31 0.00	31.81 1.21 0.00	29.18 1.13 0.00	26.72 1.10 0.00	28.36 1.32 0.00	31.29 1.69 0.00	34.94 1.80 0.00	31.73 1.65 0.00	40.45 1.69 0.00	35.61 1.03 0.00	25.55 0.74 0.00
BROOKLYN___ARMY_DRP 323595	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
BROOKVLE_69_KV_TB1 55790	30.07 1.35 0.00	28.80 1.28 0.00	26.71 1.28 0.00	24.69 1.21 0.00	26.82 1.07 0.00	48.79 2.06 0.00	37.56 1.64 0.00	40.74 2.61 0.00	39.34 2.51 0.00	40.07 2.28 0.00	38.24 2.33 0.00	42.42 2.09 0.00	40.19 2.11 0.00	38.59 1.92 -0.51	32.72 1.64 -0.49	29.50 1.44 0.00	26.90 1.27 0.00	28.45 1.41 0.00	31.48 1.88 0.00	35.19 2.06 0.00	31.93 1.85 0.00	40.69 1.92 0.00	35.87 1.28 0.00	25.70 0.90 0.00
BROOME_2_LFGE 323671	29.52 0.80 0.00	28.22 0.70 0.00	26.35 0.92 0.00	24.31 0.84 0.00	26.59 0.83 0.00	48.43 1.70 0.00	37.47 1.55 0.00	40.30 2.17 0.00	38.83 1.99 0.00	39.52 1.73 0.00	37.78 1.87 0.00	42.69 2.35 0.00	39.91 1.84 0.00	37.79 1.63 0.00	31.91 1.31 0.00	29.22 1.17 0.00	26.53 0.91 0.00	28.18 1.14 0.00	30.85 1.25 0.00	33.90 0.77 0.00	30.73 0.65 0.00	39.49 0.73 0.00	34.99 0.40 0.00	25.20 0.39 0.00
BROOME___LFGE 323600	29.52 0.80 0.00	28.22 0.70 0.00	26.35 0.92 0.00	24.31 0.84 0.00	26.59 0.83 0.00	48.43 1.70 0.00	37.47 1.55 0.00	40.30 2.17 0.00	38.83 1.99 0.00	39.52 1.73 0.00	37.78 1.87 0.00	42.69 2.35 0.00	39.91 1.84 0.00	37.79 1.63 0.00	31.91 1.31 0.00	29.22 1.17 0.00	26.53 0.91 0.00	28.18 1.14 0.00	30.85 1.25 0.00	33.90 0.77 0.00	30.73 0.65 0.00	39.49 0.73 0.00	34.99 0.40 0.00	25.20 0.39 0.00
BROWNFLS_115KV_TB_3_5 80003	32.72 0.21 -3.79	29.16 0.15 -1.48	25.41 -0.04 0.00	23.40 -0.08 0.00	26.76 -0.02 -1.02	46.48 -0.25 0.00	35.51 -0.42 0.00	37.05 -1.08 0.00	36.18 -0.65 0.00	37.27 -0.52 0.00	35.30 -0.61 0.00	39.66 -0.67 0.00	37.46 -0.61 0.00	35.65 -0.51 0.00	30.22 -0.38 0.00	27.74 -0.31 0.00	25.29 -0.34 0.00	26.57 -0.47 0.00	29.09 -0.51 0.00	32.89 -0.24 0.00	30.04 -0.04 0.00	38.81 0.05 0.00	34.92 0.33 0.00	24.98 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	30.07 1.35 0.00	28.76 1.23 0.00	26.70 1.26 0.00	24.63 1.16 0.00	26.83 1.08 0.00	48.88 2.15 0.00	37.75 1.83 0.00	40.80 2.67 0.00	39.40 2.57 0.00	40.14 2.36 0.00	38.19 2.27 0.00	42.73 2.40 0.00	40.23 2.15 0.00	37.94 1.79 0.00	32.19 1.60 0.00	29.54 1.49 0.00	27.03 1.41 0.00	28.70 1.66 0.00	31.68 2.07 0.00	35.37 2.23 0.00	32.12 2.04 0.00	40.92 2.16 0.00	36.03 1.45 0.00	25.84 1.04 0.00
BURROWS___LYONSDAL 23803	30.47 0.68 -1.07	28.55 0.61 -0.42	25.95 0.51 0.00	23.94 0.47 0.00	26.56 0.52 -0.29	47.75 1.02 0.00	36.70 0.78 0.00	38.52 0.39 0.00	37.59 0.76 0.00	38.64 0.86 0.00	36.65 0.74 0.00	41.17 0.83 0.00	38.67 0.60 0.00	36.64 0.49 0.00	31.04 0.44 0.00	28.47 0.42 0.00	25.99 0.36 0.00	27.48 0.44 0.00	30.20 0.59 0.00	34.07 0.93 0.00	31.02 0.95 0.00	39.90 1.13 0.00	35.49 0.90 0.00	25.37 0.56 0.00
CAITHNESS_CC_1 323624	30.10 1.39 0.00	28.81 1.28 0.00	26.77 1.34 0.00	24.81 1.33 0.00	26.77 1.01 0.00	48.63 1.90 0.00	36.95 1.03 0.00	40.47 2.34 0.00	39.24 2.41 0.00	39.87 2.08 0.00	38.11 2.21 0.01	41.84 1.51 0.00	40.05 1.98 0.01	37.82 1.96 0.29	32.20 1.59 -0.01	29.42 1.38 0.01	26.87 1.24 0.00	28.22 1.18 0.00	31.27 1.67 0.00	34.92 1.79 0.00	31.71 1.64 0.00	40.30 1.53 0.00	35.71 1.13 0.00	25.48 0.67 0.00
CALPINE BETH_PAGE_GT4 24209	30.11 1.39 0.00	28.82 1.30 0.00	26.73 1.29 0.00	24.71 1.24 0.00	26.79 1.03 0.00	48.62 1.90 0.00	37.27 1.36 0.00	40.56 2.43 0.00	39.22 2.39 0.00	39.86 2.08 0.00	38.10 2.19 0.00	41.96 1.63 0.00	39.93 1.86 0.00	38.18 1.78 -0.24	32.45 1.53 -0.33	29.36 1.31 0.00	26.72 1.09 0.00	28.17 1.13 0.00	31.25 1.65 0.00	34.96 1.82 0.00	31.72 1.64 0.00	40.35 1.58 0.00	35.64 1.05 0.00	25.57 0.76 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.11 1.39 0.00	28.83 1.31 0.00	26.73 1.29 0.00	24.71 1.23 0.00	26.78 1.03 0.00	48.62 1.90 0.00	37.28 1.36 0.00	40.56 2.43 0.00	39.22 2.39 0.00	39.86 2.07 0.00	38.10 2.19 0.00	41.96 1.63 0.00	39.95 1.87 0.00	38.22 1.82 -0.24	32.47 1.54 -0.33	29.36 1.31 0.00	26.72 1.09 0.00	28.17 1.13 0.00	31.25 1.65 0.00	34.95 1.82 0.00	31.72 1.64 0.00	40.35 1.58 0.00	35.66 1.07 0.00	25.57 0.76 0.00
CALPINE_BP_GT1 23823	30.11 1.39 0.00	28.83 1.31 0.00	26.73 1.29 0.00	24.71 1.23 0.00	26.78 1.03 0.00	48.62 1.90 0.00	37.28 1.36 0.00	40.56 2.43 0.00	39.22 2.39 0.00	39.86 2.07 0.00	38.10 2.19 0.00	41.96 1.63 0.00	39.95 1.87 0.00	38.22 1.82 -0.24	32.47 1.54 -0.33	29.36 1.31 0.00	26.72 1.09 0.00	28.17 1.13 0.00	31.25 1.65 0.00	34.95 1.82 0.00	31.72 1.64 0.00	40.35 1.58 0.00	35.66 1.07 0.00	25.57 0.76 0.00
CALSPAN___DRP 24200	29.38 0.67 0.00	28.53 1.00 0.00	26.77 1.33 0.00	24.68 1.21 0.00	27.32 1.56 0.00	49.11 2.38 0.00	37.87 1.95 0.00	40.08 1.95 0.00	38.79 1.95 0.00	39.83 2.04 0.00	37.99 2.07 0.00	43.24 2.91 0.00	40.47 2.39 0.00	38.20 2.04 0.00	31.97 1.38 0.00	29.28 1.23 0.00	26.42 0.79 0.00	28.00 0.96 0.00	30.48 0.88 0.00	33.90 0.77 0.00	30.73 0.65 0.00	39.45 0.69 0.00	35.21 0.63 0.00	25.45 0.64 0.00

CALVERTON___SOLAR 323806	30.20 1.48 0.00	28.89 1.37 0.00	26.89 1.45 0.00	24.92 1.45 0.00	26.85 1.09 0.00	48.79 2.06 0.00	36.92 1.00 0.00	40.58 2.45 0.00	39.41 2.58 0.00	40.04 2.26 0.00	38.31 2.41 0.01	42.02 1.69 0.00	40.31 2.24 0.01	38.08 2.22 0.29	32.38 1.77 -0.01	29.57 1.53 0.01	27.04 1.42 0.00	28.43 1.39 0.00	31.47 1.87 0.00	35.12 1.98 0.00	31.89 1.82 0.00	40.50 1.74 0.00	35.93 1.34 0.00	25.59 0.78 0.00
CANDIGU_WT_PWR 323617	29.69 0.97 0.00	28.41 0.89 0.00	26.61 1.17 0.00	24.51 1.04 0.00	26.85 1.09 0.00	49.02 2.30 0.00	38.09 2.17 0.00	41.05 2.92 0.00	39.49 2.66 0.00	40.06 2.27 0.00	38.36 2.45 0.00	43.47 3.14 0.00	40.44 2.37 0.00	38.35 2.19 0.00	32.27 1.67 0.00	29.46 1.41 0.00	26.63 1.00 0.00	28.32 1.27 0.00	31.08 1.48 0.00	34.18 1.05 0.00	30.94 0.87 0.00	39.79 1.03 0.00	35.08 0.50 0.00	25.27 0.46 0.00
CARR STREET_E_SYR 24060	28.35 -0.36 0.00	27.22 -0.30 0.00	25.27 -0.16 0.00	23.33 -0.14 0.00	25.65 -0.11 0.00	46.54 -0.19 0.00	35.83 -0.09 0.00	37.99 -0.14 0.00	36.74 -0.09 0.00	37.68 -0.10 0.00	35.82 -0.09 0.00	40.31 -0.02 0.00	37.96 -0.12 0.00	35.93 -0.22 0.00	30.31 -0.29 0.00	27.72 -0.33 0.00	25.19 -0.44 0.00	26.63 -0.41 0.00	29.22 -0.38 0.00	32.91 -0.22 0.00	29.84 -0.24 0.00	38.41 -0.36 0.00	34.29 -0.29 0.00	24.69 -0.12 0.00
CARTHAGE___PAPER 23857	31.10 0.65 -1.73	28.75 0.55 -0.68	25.82 0.38 0.00	23.81 0.34 0.00	26.61 0.39 -0.47	47.55 0.82 0.00	36.47 0.55 0.00	37.98 -0.15 0.00	37.26 0.43 0.00	38.34 0.55 0.00	36.20 0.28 0.00	40.52 0.19 0.00	38.04 -0.03 0.00	36.09 -0.07 0.00	30.56 -0.04 0.00	28.06 0.01 0.00	25.63 0.00 0.00	27.07 0.03 0.00	29.77 0.17 0.00	33.86 0.73 0.00	30.95 0.87 0.00	39.84 1.08 0.00	35.51 0.92 0.00	25.34 0.53 0.00
CASSADAGA_WT_PWR 323784	30.24 1.53 0.00	29.13 1.61 0.00	27.27 1.83 0.00	25.23 1.76 0.00	27.68 1.92 0.00	50.31 3.58 0.00	39.02 3.10 0.00	41.80 3.67 0.00	40.23 3.40 0.00	41.29 3.50 0.00	39.54 3.63 0.00	45.07 4.74 0.00	42.01 3.94 0.00	39.69 3.53 0.00	33.17 2.57 0.00	30.40 2.35 0.00	27.45 1.82 0.00	29.07 2.03 0.00	31.59 1.99 0.00	34.91 1.78 0.00	31.56 1.48 0.00	40.63 1.86 0.00	36.22 1.63 0.00	26.22 1.42 0.00
CE_DUNWOOD___DRP 24194	29.72 1.00 0.00	28.45 0.93 0.00	26.41 0.97 0.00	24.39 0.91 0.00	26.58 0.82 0.00	48.38 1.65 0.00	37.32 1.40 0.00	40.29 2.16 0.00	38.88 2.04 0.00	39.64 1.85 0.00	37.69 1.78 0.00	42.16 1.83 0.00	39.69 1.61 0.00	37.44 1.29 0.00	31.75 1.15 0.00	29.13 1.08 0.00	26.66 1.03 0.00	28.28 1.24 0.00	31.23 1.63 0.00	34.85 1.72 0.00	31.64 1.56 0.00	40.37 1.61 0.00	35.59 1.01 0.00	25.53 0.72 0.00
CE_MILLWOOD___DRP 24193	29.67 0.96 0.00	28.42 0.89 0.00	26.38 0.94 0.00	24.36 0.89 0.00	26.55 0.79 0.00	48.33 1.60 0.00	37.28 1.36 0.00	40.24 2.11 0.00	38.81 1.98 0.00	39.57 1.78 0.00	37.63 1.73 0.00	42.10 1.77 0.00	39.63 1.55 0.00	37.39 1.23 0.00	31.70 1.11 0.00	29.09 1.04 0.00	26.62 0.99 0.00	28.24 1.20 0.00	31.18 1.58 0.00	34.80 1.67 0.00	31.58 1.51 0.00	40.32 1.56 0.00	35.55 0.96 0.00	25.50 0.69 0.00
CE_NYC2_DRP 24202	29.80 1.08 0.00	28.52 0.99 0.00	26.47 1.03 0.00	24.42 0.94 0.00	26.60 0.84 0.00	48.45 1.72 0.00	37.39 1.47 0.00	40.37 2.24 0.00	39.02 2.19 0.00	39.73 1.95 0.00	37.81 1.90 0.00	42.27 1.94 0.00	39.78 1.70 0.00	37.51 1.35 0.00	31.86 1.26 0.00	29.23 1.18 0.00	26.76 1.14 0.00	28.38 1.34 0.00	31.33 1.72 0.00	34.98 1.85 0.00	31.78 1.70 0.00	40.50 1.74 0.00	35.67 1.09 0.00	25.60 0.80 0.00
CE_NYC_DRP 24195	29.78 1.07 0.00	28.51 0.98 0.00	26.46 1.02 0.00	24.42 0.95 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.37 1.45 0.00	40.38 2.24 0.00	38.99 2.15 0.00	39.73 1.94 0.00	37.78 1.87 0.00	42.29 1.96 0.00	39.81 1.73 0.00	37.55 1.39 0.00	31.87 1.28 0.00	29.25 1.20 0.00	26.78 1.15 0.00	28.41 1.37 0.00	31.35 1.75 0.00	35.00 1.87 0.00	31.78 1.71 0.00	40.49 1.73 0.00	35.67 1.08 0.00	25.60 0.79 0.00
CHAFFEE___LFGE 323603	29.62 0.91 0.00	28.69 1.17 0.00	26.97 1.53 0.00	24.87 1.40 0.00	27.52 1.76 0.00	49.53 2.80 0.00	38.24 2.32 0.00	40.58 2.44 0.00	39.23 2.40 0.00	40.26 2.48 0.00	38.39 2.48 0.00	43.70 3.37 0.00	40.88 2.80 0.00	38.58 2.42 0.00	32.30 1.70 0.00	29.60 1.55 0.00	26.71 1.08 0.00	28.31 1.27 0.00	30.86 1.26 0.00	34.29 1.16 0.00	31.08 1.00 0.00	39.88 1.12 0.00	35.55 0.96 0.00	25.68 0.87 0.00
CHATEAUG_35_KV_LOAD 355732	-14.47 -0.78 42.41	10.20 -0.75 16.57	24.66 -0.78 0.00	22.65 -0.83 0.00	13.48 -0.82 11.46	45.25 -1.48 0.00	34.90 -1.02 0.00	36.45 -1.69 0.00	35.16 -1.67 0.00	36.32 -1.47 0.00	34.44 -1.47 0.00	38.52 -1.81 0.00	36.61 -1.46 0.00	35.10 -1.06 0.00	21.89 -0.68 8.03	23.45 -0.66 3.95	25.00 -0.62 0.00	26.16 -0.88 0.00	28.45 -1.15 0.00	32.05 -1.08 0.00	29.57 -0.51 0.00	38.85 0.09 0.00	35.16 0.57 0.00	25.24 0.43 0.00
CHATEAUG_WT_PWR 323614	-12.09 -1.08 39.73	10.98 -1.02 15.52	24.45 -0.98 0.00	22.46 -1.01 0.00	13.98 -1.05 10.73	44.88 -1.85 0.00	34.69 -1.23 0.00	36.21 -1.92 0.00	34.88 -1.96 0.00	36.04 -1.74 0.00	34.15 -1.76 0.00	38.17 -2.17 0.00	36.29 -1.79 0.00	34.80 -1.36 0.00	21.69 -0.88 8.03	23.20 -0.90 3.95	24.78 -0.85 0.00	25.91 -1.13 0.00	28.21 -1.40 0.00	31.79 -1.35 0.00	29.38 -0.70 0.00	38.69 -0.07 0.00	35.03 0.44 0.00	25.18 0.38 0.00
CHAT_HIGH_FALL_HYD 323578	-14.47 -0.78 42.41	10.20 -0.75 16.57	24.66 -0.78 0.00	22.65 -0.83 0.00	13.48 -0.82 11.46	45.25 -1.48 0.00	34.90 -1.02 0.00	36.45 -1.69 0.00	35.16 -1.67 0.00	36.32 -1.47 0.00	34.44 -1.47 0.00	38.52 -1.81 0.00	36.61 -1.46 0.00	35.10 -1.06 0.00	21.89 -0.68 8.03	23.45 -0.66 3.95	25.00 -0.62 0.00	26.16 -0.88 0.00	28.45 -1.15 0.00	32.05 -1.08 0.00	29.57 -0.51 0.00	38.85 0.09 0.00	35.16 0.57 0.00	25.24 0.43 0.00
CHAUTAUQUA___LFGE 323629	29.81 1.09 0.00	28.74 1.22 0.00	26.98 1.55 0.00	24.92 1.45 0.00	27.42 1.67 0.00	49.68 2.95 0.00	38.43 2.51 0.00	41.02 2.90 0.00	39.54 2.71 0.00	40.46 2.67 0.00	38.75 2.84 0.00	44.16 3.83 0.00	41.16 3.08 0.00	38.90 2.75 0.00	32.57 1.97 0.00	29.84 1.80 0.00	26.91 1.29 0.00	28.54 1.50 0.00	31.05 1.45 0.00	34.41 1.28 0.00	31.16 1.08 0.00	40.07 1.31 0.00	35.69 1.10 0.00	25.83 1.03 0.00
CHERRYST_13_KV_LD 356241	29.87 1.15 0.00	28.58 1.06 0.00	26.52 1.09 0.00	24.48 1.01 0.00	26.67 0.91 0.00	48.56 1.83 0.00	37.50 1.57 0.00	40.52 2.39 0.00	39.13 2.30 0.00	39.88 2.09 0.00	37.93 2.02 0.00	42.45 2.12 0.00	39.96 1.88 0.00	37.69 1.53 0.00	32.00 1.40 0.00	29.37 1.32 0.00	26.88 1.25 0.00	28.51 1.47 0.00	31.46 1.86 0.00	35.11 1.97 0.00	31.88 1.80 0.00	40.62 1.85 0.00	35.76 1.17 0.00	25.67 0.86 0.00

CHESTROR_138KV_BK263 355645	29.52 0.80 0.00	28.28 0.76 0.00	26.26 0.82 0.00	24.25 0.78 0.00	26.45 0.70 0.00	48.13 1.40 0.00	37.09 1.17 0.00	39.98 1.85 0.00	38.55 1.72 0.00	39.29 1.50 0.00	37.34 1.43 0.00	41.83 1.50 0.00	39.37 1.30 0.00	37.18 1.02 0.00	31.50 0.90 0.00	28.92 0.87 0.00	26.45 0.82 0.00	28.05 1.01 0.00	30.96 1.36 0.00	34.55 1.41 0.00	31.35 1.27 0.00	40.06 1.30 0.00	35.38 0.79 0.00	25.38 0.58 0.00
CH_MIDHUDSON___DRP 24192	30.13 1.41 0.00	28.85 1.33 0.00	26.78 1.34 0.00	24.74 1.27 0.00	27.00 1.24 0.00	49.19 2.46 0.00	37.99 2.07 0.00	40.98 2.85 0.00	39.54 2.71 0.00	40.34 2.56 0.00	38.32 2.41 0.00	42.88 2.54 0.00	40.31 2.24 0.00	38.02 1.87 0.00	32.20 1.60 0.00	29.55 1.50 0.00	27.05 1.43 0.00	28.72 1.68 0.00	31.74 2.14 0.00	35.44 2.31 0.00	32.16 2.08 0.00	41.07 2.30 0.00	36.18 1.60 0.00	25.92 1.11 0.00
CH_MISC_IPPS 23765	30.11 1.39 0.00	28.84 1.32 0.00	26.75 1.32 0.00	24.71 1.23 0.00	26.97 1.21 0.00	49.11 2.38 0.00	37.93 2.00 0.00	40.92 2.79 0.00	39.49 2.66 0.00	40.26 2.48 0.00	38.26 2.35 0.00	42.80 2.47 0.00	40.24 2.17 0.00	37.98 1.82 0.00	32.17 1.57 0.00	29.53 1.48 0.00	27.02 1.39 0.00	28.68 1.64 0.00	31.69 2.09 0.00	35.39 2.26 0.00	32.12 2.04 0.00	41.01 2.24 0.00	36.14 1.56 0.00	25.89 1.08 0.00
CH_RES_BVR_FALLS 23983	28.65 -0.07 0.00	27.44 -0.08 0.00	25.23 -0.21 0.00	23.24 -0.23 0.00	25.53 -0.23 0.00	46.24 -0.49 0.00	35.45 -0.47 0.00	37.25 -0.88 0.00	35.94 -0.90 0.00	37.15 -0.63 0.00	35.33 -0.58 0.00	39.75 -0.59 0.00	37.67 -0.40 0.00	35.88 -0.28 0.00	30.41 -0.19 0.00	27.89 -0.16 0.00	25.48 -0.15 0.00	26.76 -0.28 0.00	29.16 -0.44 0.00	32.68 -0.45 0.00	29.78 -0.30 0.00	38.58 -0.18 0.00	34.59 0.00 0.00	24.76 -0.04 0.00
CH_RES_NIAGARA 23895	28.20 -0.52 0.00	27.46 -0.07 0.00	25.79 0.36 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.32 0.41 0.00	41.38 1.05 0.00	38.75 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.80 -0.78 0.00	24.50 -0.30 0.00
CH_RES_SYRACUSE 23985	28.52 -0.20 0.00	27.37 -0.16 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.05 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.16 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.07 0.00	24.85 0.05 0.00
CLINTON_WT_PWR 323605	-12.09 -1.08 39.73	10.98 -1.02 15.52	24.45 -0.98 0.00	22.46 -1.01 0.00	13.98 -1.05 10.73	44.88 -1.85 0.00	34.69 -1.23 0.00	36.21 -1.92 0.00	34.88 -1.96 0.00	36.04 -1.74 0.00	34.15 -1.76 0.00	38.17 -2.17 0.00	36.29 -1.79 0.00	34.80 -1.36 0.00	21.69 -0.88 8.03	23.20 -0.90 3.95	24.78 -0.85 0.00	25.91 -1.13 0.00	28.21 -1.40 0.00	31.79 -1.35 0.00	29.38 -0.70 0.00	38.69 -0.07 0.00	35.03 0.44 0.00	25.18 0.38 0.00
CLINTON___LFGE 323618	-12.67 -0.76 40.63	10.84 -0.80 15.88	24.67 -0.77 0.00	22.66 -0.81 0.00	13.95 -0.83 10.97	45.28 -1.45 0.00	35.19 -0.73 0.00	36.73 -1.40 0.00	35.29 -1.54 0.00	36.65 -1.14 0.00	34.64 -1.27 0.00	38.60 -1.73 0.00	36.73 -1.34 0.00	35.17 -0.99 0.00	22.09 -0.47 8.03	23.53 -0.57 3.95	25.11 -0.52 0.00	26.23 -0.80 0.00	28.55 -1.05 0.00	32.11 -1.02 0.00	29.76 -0.32 0.00	39.39 0.62 0.00	35.68 1.10 0.00	25.67 0.87 0.00
COBBLENY_34_KV_TB1 80064	29.63 0.91 0.00	28.74 1.22 0.00	26.97 1.53 0.00	24.87 1.40 0.00	27.52 1.76 0.00	49.53 2.80 0.00	38.24 2.32 0.00	40.57 2.44 0.00	39.24 2.40 0.00	40.26 2.48 0.00	38.39 2.48 0.00	43.70 3.37 0.00	40.87 2.79 0.00	38.57 2.42 0.00	32.31 1.71 0.00	29.60 1.55 0.00	26.71 1.08 0.00	28.30 1.26 0.00	30.86 1.26 0.00	34.29 1.16 0.00	31.08 1.00 0.00	39.88 1.12 0.00	35.56 0.98 0.00	25.67 0.87 0.00
COFFEEN___115KV_TB3 355620	30.82 0.65 -1.45	28.63 0.55 -0.56	25.85 0.41 0.00	23.86 0.38 0.00	26.57 0.42 -0.39	47.72 0.99 0.00	36.68 0.76 0.00	38.29 0.16 0.00	37.59 0.76 0.00	38.62 0.83 0.00	36.35 0.44 0.00	40.59 0.26 0.00	38.05 -0.02 0.00	36.02 -0.14 0.00	30.42 -0.17 0.00	27.97 -0.08 0.00	25.60 -0.03 0.00	27.09 0.05 0.00	29.84 0.24 0.00	34.04 0.91 0.00	31.10 1.03 0.00	39.96 1.20 0.00	35.51 0.92 0.00	25.33 0.52 0.00
COLDSPRG_115KV_BK1 355956	30.60 1.88 0.00	29.52 2.00 0.00	27.65 2.21 0.00	25.53 2.05 0.00	28.06 2.30 0.00	50.83 4.09 0.00	39.44 3.52 0.00	42.26 4.13 0.00	40.72 3.89 0.00	41.73 3.95 0.00	39.95 4.04 0.00	45.52 5.19 0.00	42.48 4.41 0.00	40.13 3.98 0.00	33.61 3.01 0.00	30.80 2.75 0.00	27.76 2.13 0.00	29.44 2.40 0.00	32.07 2.47 0.00	35.44 2.30 0.00	32.06 1.99 0.00	41.20 2.43 0.00	36.64 2.06 0.00	26.49 1.69 0.00
COLONIE_LFGE___ 323577	29.15 0.43 0.00	27.92 0.40 0.00	25.90 0.46 0.00	23.93 0.45 0.00	26.22 0.47 0.00	47.57 0.84 0.00	36.62 0.70 0.00	39.28 1.15 0.00	37.81 0.98 0.00	38.86 1.08 0.00	36.87 0.96 0.00	41.33 1.00 0.00	38.88 0.80 0.00	36.61 0.45 0.00	30.99 0.39 0.00	28.37 0.32 0.00	26.04 0.41 0.00	27.62 0.58 0.00	30.44 0.83 0.00	33.92 0.79 0.00	30.73 0.65 0.00	39.45 0.69 0.00	34.86 0.28 0.00	24.98 0.17 0.00
COOPERNY_115KV_TB1 80082	29.36 0.64 0.00	28.13 0.61 0.00	26.12 0.68 0.00	24.12 0.65 0.00	26.33 0.58 0.00	47.87 1.14 0.00	36.88 0.96 0.00	39.64 1.51 0.00	38.26 1.42 0.00	39.00 1.21 0.00	37.09 1.18 0.00	41.59 1.25 0.00	39.15 1.07 0.00	37.02 0.86 0.00	31.35 0.75 0.00	28.78 0.72 0.00	26.30 0.67 0.00	27.87 0.83 0.00	30.68 1.08 0.00	34.22 1.08 0.00	31.05 0.97 0.00	39.75 0.99 0.00	35.19 0.60 0.00	25.26 0.45 0.00
COPENHAGEN_WT_PWR 323753	30.47 0.38 -1.37	28.33 0.27 -0.53	25.58 0.14 0.00	23.62 0.15 0.00	26.27 0.14 -0.37	47.17 0.43 0.00	36.13 0.21 0.00	37.53 -0.60 0.00	36.97 0.14 0.00	38.06 0.28 0.00	35.92 0.01 0.00	40.18 -0.15 0.00	37.70 -0.37 0.00	35.68 -0.47 0.00	30.15 -0.44 0.00	27.64 -0.41 0.00	25.25 -0.38 0.00	26.71 -0.33 0.00	29.40 -0.20 0.00	33.56 0.43 0.00	30.67 0.60 0.00	39.47 0.71 0.00	35.10 0.51 0.00	25.03 0.22 0.00
CORNELL_____ 23752	28.94 0.23 0.00	27.78 0.26 0.00	25.80 0.36 0.00	23.78 0.31 0.00	26.19 0.43 0.00	47.53 0.80 0.00	36.60 0.68 0.00	38.82 0.69 0.00	37.54 0.71 0.00	38.48 0.69 0.00	36.55 0.64 0.00	41.10 0.77 0.00	38.62 0.54 0.00	36.59 0.44 0.00	30.88 0.28 0.00	28.32 0.27 0.00	25.85 0.22 0.00	27.37 0.33 0.00	30.12 0.52 0.00	34.27 1.14 0.00	31.07 0.99 0.00	39.96 1.20 0.00	35.43 0.84 0.00	25.49 0.68 0.00

CORONA_69_KV_TB1 355595	30.09 1.38 0.00	28.82 1.30 0.00	26.72 1.28 0.00	24.69 1.21 0.00	26.80 1.04 0.00	48.70 1.97 0.00	37.39 1.47 0.00	40.60 2.47 0.00	39.24 2.40 0.00	39.93 2.14 0.00	38.20 2.27 -0.03	42.10 1.76 -0.01	40.10 2.01 -0.02	40.59 1.93 -2.50	33.94 1.67 -1.67	29.49 1.43 -0.02	26.84 1.21 0.00	28.33 1.29 0.00	31.34 1.74 0.00	35.08 1.95 0.00	31.85 1.77 0.00	40.54 1.78 0.00	35.76 1.18 0.00	25.64 0.83 0.00
CORTLAND_115KV_TB3 80093	29.38 0.66 0.00	28.14 0.61 0.00	26.07 0.64 0.00	24.05 0.58 0.00	26.44 0.69 0.00	48.16 1.43 0.00	37.19 1.27 0.00	39.50 1.37 0.00	38.24 1.40 0.00	39.16 1.37 0.00	37.15 1.24 0.00	41.77 1.44 0.00	39.30 1.22 0.00	37.20 1.04 0.00	31.41 0.81 0.00	28.81 0.76 0.00	26.29 0.66 0.00	27.88 0.84 0.00	30.63 1.03 0.00	34.49 1.36 0.00	31.30 1.22 0.00	40.19 1.43 0.00	35.68 1.09 0.00	25.61 0.81 0.00
COXSACKIE___GT 23611	30.12 1.40 0.00	28.87 1.35 0.00	26.75 1.31 0.00	24.73 1.26 0.00	27.15 1.39 0.00	49.44 2.71 0.00	38.21 2.29 0.00	40.98 2.85 0.00	39.64 2.80 0.00	40.69 2.91 0.00	38.37 2.46 0.00	43.04 2.71 0.00	40.39 2.31 0.00	38.10 1.94 0.00	32.21 1.61 0.00	29.29 1.24 0.00	26.84 1.22 0.00	28.81 1.77 0.00	31.93 2.33 0.00	35.71 2.58 0.00	32.25 2.17 0.00	41.33 2.56 0.00	36.44 1.85 0.00	26.03 1.23 0.00
CPV_VALLEY___CC1 323721	29.31 0.59 0.00	28.10 0.58 0.00	26.08 0.64 0.00	24.09 0.62 0.00	26.28 0.52 0.00	47.77 1.04 0.00	36.82 0.90 0.00	39.65 1.52 0.00	38.25 1.42 0.00	39.00 1.21 0.00	37.07 1.16 0.00	41.52 1.19 0.00	39.09 1.02 0.00	36.94 0.78 0.00	31.29 0.69 0.00	28.72 0.67 0.00	26.27 0.64 0.00	27.85 0.81 0.00	30.71 1.11 0.00	34.25 1.12 0.00	31.08 1.00 0.00	39.75 0.98 0.00	35.13 0.54 0.00	25.22 0.41 0.00
CPV_VALLEY___CC2 323722	29.31 0.59 0.00	28.10 0.58 0.00	26.08 0.64 0.00	24.09 0.62 0.00	26.28 0.52 0.00	47.77 1.04 0.00	36.82 0.90 0.00	39.65 1.52 0.00	38.25 1.42 0.00	39.00 1.21 0.00	37.07 1.16 0.00	41.52 1.19 0.00	39.09 1.02 0.00	36.94 0.78 0.00	31.29 0.69 0.00	28.72 0.67 0.00	26.27 0.64 0.00	27.85 0.81 0.00	30.71 1.11 0.00	34.25 1.12 0.00	31.08 1.00 0.00	39.75 0.98 0.00	35.13 0.54 0.00	25.22 0.41 0.00
CRESCENT___HYD 24018	29.15 0.43 0.00	27.92 0.40 0.00	25.90 0.46 0.00	23.93 0.45 0.00	26.22 0.47 0.00	47.57 0.84 0.00	36.62 0.70 0.00	39.28 1.15 0.00	37.81 0.98 0.00	38.86 1.08 0.00	36.87 0.96 0.00	41.33 1.00 0.00	38.88 0.80 0.00	36.61 0.45 0.00	30.99 0.39 0.00	28.37 0.32 0.00	26.04 0.41 0.00	27.62 0.58 0.00	30.44 0.83 0.00	33.92 0.79 0.00	30.73 0.65 0.00	39.45 0.69 0.00	34.86 0.28 0.00	24.98 0.17 0.00
CRICKET___VALLEY_CC1 323756	29.14 0.42 0.00	27.90 0.37 0.00	25.90 0.46 0.00	23.98 0.51 0.00	26.12 0.37 0.00	47.62 0.89 0.00	36.76 0.84 0.00	39.67 1.54 0.00	38.25 1.41 0.00	39.09 1.30 0.00	37.12 1.21 0.00	41.48 1.15 0.00	38.99 0.91 0.00	36.70 0.55 0.00	31.11 0.51 0.00	28.51 0.45 0.00	26.14 0.51 0.00	27.78 0.73 0.00	30.71 1.11 0.00	34.25 1.12 0.00	31.05 0.97 0.00	39.65 0.88 0.00	34.93 0.34 0.00	25.06 0.25 0.00
CRICKET___VALLEY_CC2 323757	29.14 0.42 0.00	27.90 0.37 0.00	25.90 0.46 0.00	23.98 0.51 0.00	26.12 0.37 0.00	47.62 0.89 0.00	36.76 0.84 0.00	39.67 1.54 0.00	38.25 1.41 0.00	39.09 1.30 0.00	37.12 1.21 0.00	41.48 1.15 0.00	38.99 0.91 0.00	36.70 0.55 0.00	31.11 0.51 0.00	28.51 0.45 0.00	26.14 0.51 0.00	27.78 0.73 0.00	30.71 1.11 0.00	34.25 1.12 0.00	31.05 0.97 0.00	39.65 0.88 0.00	34.93 0.34 0.00	25.06 0.25 0.00
CRICKET___VALLEY_CC3 323758	29.14 0.42 0.00	27.90 0.37 0.00	25.90 0.46 0.00	23.98 0.51 0.00	26.12 0.37 0.00	47.62 0.89 0.00	36.76 0.84 0.00	39.67 1.54 0.00	38.25 1.41 0.00	39.09 1.30 0.00	37.12 1.21 0.00	41.48 1.15 0.00	38.99 0.91 0.00	36.70 0.55 0.00	31.11 0.51 0.00	28.51 0.45 0.00	26.14 0.51 0.00	27.78 0.73 0.00	30.71 1.11 0.00	34.25 1.12 0.00	31.05 0.97 0.00	39.65 0.88 0.00	34.93 0.34 0.00	25.06 0.25 0.00
CRUCIBLE_METL_DRP 24180	28.52 -0.20 0.00	27.37 -0.15 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.04 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.15 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.06 0.00	24.85 0.05 0.00
DAHOWA___HYDRO 323763	29.51 0.79 0.00	28.27 0.75 0.00	26.28 0.85 0.00	24.24 0.77 0.00	26.60 0.84 0.00	48.29 1.56 0.00	37.26 1.34 0.00	39.98 1.85 0.00	38.42 1.59 0.00	39.63 1.85 0.00	37.72 1.81 0.00	42.16 1.83 0.00	39.48 1.41 0.00	37.04 0.88 0.00	31.34 0.74 0.00	28.71 0.66 0.00	26.41 0.78 0.00	28.12 1.08 0.00	31.00 1.40 0.00	34.56 1.42 0.00	31.23 1.15 0.00	39.97 1.20 0.00	35.28 0.70 0.00	25.29 0.48 0.00
DANC___LFGE 323619	29.67 0.00 -0.95	27.85 -0.04 -0.37	25.37 -0.07 0.00	23.43 -0.04 0.00	25.97 -0.05 -0.26	46.76 0.03 0.00	35.90 -0.02 0.00	37.60 -0.54 0.00	36.76 -0.07 0.00	37.78 0.00 0.00	35.75 -0.16 0.00	40.07 -0.26 0.00	37.63 -0.44 0.00	35.62 -0.54 0.00	30.09 -0.51 0.00	27.58 -0.47 0.00	25.19 -0.44 0.00	26.62 -0.42 0.00	29.28 -0.32 0.00	33.25 0.12 0.00	30.32 0.24 0.00	38.98 0.22 0.00	34.69 0.11 0.00	24.82 0.02 0.00
DANSKAMMER___1 23586	30.11 1.39 0.00	28.84 1.32 0.00	26.75 1.32 0.00	24.71 1.23 0.00	26.97 1.21 0.00	49.11 2.38 0.00	37.93 2.00 0.00	40.92 2.79 0.00	39.49 2.66 0.00	40.26 2.48 0.00	38.26 2.35 0.00	42.80 2.47 0.00	40.24 2.17 0.00	37.98 1.82 0.00	32.17 1.57 0.00	29.53 1.48 0.00	27.02 1.39 0.00	28.68 1.64 0.00	31.69 2.09 0.00	35.39 2.26 0.00	32.12 2.04 0.00	41.01 2.24 0.00	36.14 1.56 0.00	25.89 1.08 0.00
DANSKAMMER___2 23589	30.11 1.39 0.00	28.84 1.32 0.00	26.75 1.32 0.00	24.71 1.23 0.00	26.97 1.21 0.00	49.11 2.38 0.00	37.93 2.00 0.00	40.92 2.79 0.00	39.49 2.66 0.00	40.26 2.48 0.00	38.26 2.35 0.00	42.80 2.47 0.00	40.24 2.17 0.00	37.98 1.82 0.00	32.17 1.57 0.00	29.53 1.48 0.00	27.02 1.39 0.00	28.68 1.64 0.00	31.69 2.09 0.00	35.39 2.26 0.00	32.12 2.04 0.00	41.01 2.24 0.00	36.14 1.56 0.00	25.89 1.08 0.00
DANSKAMMER___3 23590	30.11 1.39 0.00	28.84 1.32 0.00	26.75 1.32 0.00	24.71 1.23 0.00	26.97 1.21 0.00	49.11 2.38 0.00	37.93 2.00 0.00	40.92 2.79 0.00	39.49 2.66 0.00	40.26 2.48 0.00	38.26 2.35 0.00	42.80 2.47 0.00	40.24 2.17 0.00	37.98 1.82 0.00	32.17 1.57 0.00	29.53 1.48 0.00	27.02 1.39 0.00	28.68 1.64 0.00	31.69 2.09 0.00	35.39 2.26 0.00	32.12 2.04 0.00	41.01 2.24 0.00	36.14 1.56 0.00	25.89 1.08 0.00

DANSKAMMER___4 23591	30.11 1.39 0.00	28.84 1.32 0.00	26.75 1.32 0.00	24.71 1.23 0.00	26.97 1.21 0.00	49.11 2.38 0.00	37.93 2.00 0.00	40.92 2.79 0.00	39.49 2.66 0.00	40.26 2.48 0.00	38.26 2.35 0.00	42.80 2.47 0.00	40.24 2.17 0.00	37.98 1.82 0.00	32.17 1.57 0.00	29.53 1.48 0.00	27.02 1.39 0.00	28.68 1.64 0.00	31.69 2.09 0.00	35.39 2.26 0.00	32.12 2.04 0.00	41.01 2.24 0.00	36.14 1.56 0.00	25.89 1.08 0.00
DANSKAMMER___DIESEL 23592	30.10 1.39 0.00	28.83 1.31 0.00	26.75 1.31 0.00	24.71 1.24 0.00	26.97 1.21 0.00	49.11 2.38 0.00	37.93 2.01 0.00	40.92 2.79 0.00	39.49 2.66 0.00	40.26 2.48 0.00	38.26 2.35 0.00	42.80 2.47 0.00	40.24 2.17 0.00	37.98 1.83 0.00	32.17 1.57 0.00	29.53 1.48 0.00	27.02 1.39 0.00	28.68 1.64 0.00	31.69 2.09 0.00	35.40 2.26 0.00	32.12 2.04 0.00	41.01 2.24 0.00	36.14 1.55 0.00	25.89 1.09 0.00
DARBY___SOLAR 323810	29.50 0.79 0.00	28.27 0.74 0.00	26.27 0.84 0.00	24.23 0.76 0.00	26.58 0.82 0.00	48.26 1.53 0.00	37.21 1.30 0.00	39.91 1.78 0.00	38.38 1.55 0.00	39.55 1.76 0.00	37.61 1.70 0.00	42.04 1.71 0.00	39.42 1.34 0.00	37.00 0.84 0.00	31.31 0.71 0.00	28.69 0.64 0.00	26.37 0.74 0.00	28.06 1.02 0.00	30.93 1.33 0.00	34.48 1.35 0.00	31.18 1.11 0.00	39.93 1.17 0.00	35.27 0.68 0.00	25.28 0.48 0.00
DASHVILLE___HYD 23610	29.68 0.96 0.00	28.41 0.89 0.00	26.37 0.93 0.00	24.36 0.88 0.00	26.56 0.80 0.00	48.37 1.64 0.00	37.34 1.42 0.00	40.31 2.17 0.00	38.89 2.06 0.00	39.60 1.82 0.00	37.64 1.73 0.00	42.10 1.76 0.00	39.59 1.52 0.00	37.37 1.21 0.00	31.69 1.09 0.00	29.10 1.05 0.00	26.62 0.99 0.00	28.23 1.19 0.00	31.18 1.58 0.00	34.83 1.70 0.00	31.63 1.55 0.00	40.38 1.61 0.00	35.59 1.01 0.00	25.52 0.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.73 2.01 0.00	29.38 1.85 0.00	27.35 1.92 0.00	25.37 1.90 0.00	27.36 1.60 0.00	49.72 2.99 0.00	37.62 1.70 0.00	41.43 3.30 0.00	40.24 3.40 0.00	40.91 3.13 0.00	39.13 3.23 0.01	42.95 2.61 0.00	41.15 3.08 0.01	38.78 2.91 0.29	32.90 2.30 -0.01	30.07 2.02 0.01	27.48 1.85 0.00	29.04 2.00 0.00	32.19 2.59 0.00	35.95 2.82 0.00	32.65 2.57 0.00	41.43 2.67 0.00	36.73 2.14 0.00	26.15 1.34 0.00
DELAWARE___LFGE 323621	29.68 0.97 0.00	28.42 0.90 0.00	26.40 0.96 0.00	24.38 0.91 0.00	26.68 0.92 0.00	48.53 1.80 0.00	37.39 1.47 0.00	40.05 1.92 0.00	38.66 1.83 0.00	39.49 1.70 0.00	37.59 1.68 0.00	42.28 1.95 0.00	39.74 1.67 0.00	37.63 1.47 0.00	31.84 1.24 0.00	29.20 1.15 0.00	26.65 1.02 0.00	28.23 1.19 0.00	30.99 1.39 0.00	34.44 1.31 0.00	31.24 1.16 0.00	40.08 1.31 0.00	35.54 0.96 0.00	25.52 0.71 0.00
DERFIELD_115KV_TB7 355931	28.80 0.08 0.00	27.59 0.07 0.00	25.55 0.11 0.00	23.59 0.12 0.00	25.86 0.10 0.00	46.94 0.21 0.00	36.11 0.19 0.00	38.46 0.34 0.00	37.12 0.29 0.00	38.06 0.27 0.00	36.17 0.26 0.00	40.62 0.29 0.00	38.29 0.21 0.00	36.29 0.13 0.00	30.69 0.10 0.00	28.12 0.07 0.00	25.73 0.10 0.00	27.18 0.14 0.00	29.82 0.22 0.00	33.35 0.22 0.00	30.26 0.18 0.00	38.93 0.16 0.00	34.60 0.01 0.00	24.81 0.01 0.00
DOGLEVILLE___HYD 23807	28.15 -0.57 0.00	26.97 -0.55 0.00	25.10 -0.34 0.00	23.34 -0.14 0.00	25.43 -0.33 0.00	46.07 -0.67 0.00	35.73 -0.19 0.00	38.57 0.44 0.00	37.01 0.17 0.00	38.00 0.22 0.00	36.04 0.13 0.00	40.43 0.09 0.00	37.91 -0.16 0.00	35.66 -0.50 0.00	30.14 -0.46 0.00	27.58 -0.47 0.00	25.43 -0.20 0.00	27.10 0.06 0.00	30.00 0.40 0.00	33.44 0.30 0.00	30.24 0.16 0.00	38.72 -0.04 0.00	34.06 -0.53 0.00	24.30 -0.51 0.00
DUNKIRK___115KV_TB_200 55889	29.74 1.03 0.00	28.72 1.20 0.00	26.95 1.51 0.00	24.87 1.40 0.00	27.39 1.63 0.00	49.59 2.86 0.00	38.36 2.44 0.00	40.92 2.79 0.00	39.45 2.62 0.00	40.35 2.56 0.00	38.64 2.73 0.00	44.04 3.71 0.00	41.06 2.98 0.00	38.82 2.66 0.00	32.49 1.89 0.00	29.77 1.72 0.00	26.85 1.22 0.00	28.47 1.43 0.00	30.98 1.38 0.00	34.35 1.21 0.00	31.10 1.02 0.00	40.00 1.24 0.00	35.63 1.04 0.00	25.77 0.97 0.00
DUNKIRK___1 23563	29.74 1.03 0.00	28.72 1.20 0.00	26.95 1.51 0.00	24.87 1.40 0.00	27.39 1.63 0.00	49.59 2.86 0.00	38.36 2.44 0.00	40.92 2.79 0.00	39.45 2.62 0.00	40.35 2.56 0.00	38.64 2.73 0.00	44.04 3.71 0.00	41.06 2.98 0.00	38.82 2.66 0.00	32.49 1.89 0.00	29.77 1.72 0.00	26.85 1.22 0.00	28.47 1.43 0.00	30.98 1.38 0.00	34.35 1.21 0.00	31.10 1.02 0.00	40.00 1.24 0.00	35.63 1.04 0.00	25.77 0.97 0.00
DUNKIRK___2 23564	29.74 1.03 0.00	28.72 1.20 0.00	26.95 1.51 0.00	24.87 1.40 0.00	27.39 1.63 0.00	49.59 2.86 0.00	38.36 2.44 0.00	40.92 2.79 0.00	39.45 2.62 0.00	40.35 2.56 0.00	38.64 2.73 0.00	44.04 3.71 0.00	41.06 2.98 0.00	38.82 2.66 0.00	32.49 1.89 0.00	29.77 1.72 0.00	26.85 1.22 0.00	28.47 1.43 0.00	30.98 1.38 0.00	34.35 1.21 0.00	31.10 1.02 0.00	40.00 1.24 0.00	35.63 1.04 0.00	25.77 0.97 0.00
DUNKIRK___3 23565	29.57 0.85 0.00	28.57 1.05 0.00	26.82 1.38 0.00	24.74 1.27 0.00	27.28 1.52 0.00	49.30 2.57 0.00	38.09 2.17 0.00	40.57 2.44 0.00	39.15 2.31 0.00	40.06 2.28 0.00	38.33 2.42 0.00	43.67 3.34 0.00	40.75 2.68 0.00	38.52 2.36 0.00	32.25 1.65 0.00	29.55 1.50 0.00	26.65 1.02 0.00	28.26 1.22 0.00	30.76 1.16 0.00	34.13 0.99 0.00	30.91 0.83 0.00	39.73 0.96 0.00	35.39 0.80 0.00	25.61 0.80 0.00
DUNKIRK___4 23566	29.57 0.85 0.00	28.57 1.05 0.00	26.82 1.38 0.00	24.74 1.27 0.00	27.28 1.52 0.00	49.30 2.57 0.00	38.09 2.17 0.00	40.57 2.44 0.00	39.15 2.31 0.00	40.06 2.28 0.00	38.33 2.42 0.00	43.67 3.34 0.00	40.75 2.68 0.00	38.52 2.36 0.00	32.25 1.65 0.00	29.55 1.50 0.00	26.65 1.02 0.00	28.26 1.22 0.00	30.76 1.16 0.00	34.13 0.99 0.00	30.91 0.83 0.00	39.73 0.96 0.00	35.39 0.80 0.00	25.61 0.80 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.77 1.05 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.43 0.95 0.00	26.61 0.85 0.00	48.45 1.72 0.00	37.38 1.46 0.00	40.36 2.23 0.00	38.95 2.11 0.00	39.72 1.93 0.00	37.76 1.85 0.00	42.23 1.90 0.00	39.76 1.68 0.00	37.51 1.36 0.00	31.81 1.21 0.00	29.19 1.14 0.00	26.71 1.08 0.00	28.34 1.30 0.00	31.28 1.68 0.00	34.91 1.78 0.00	31.70 1.62 0.00	40.45 1.69 0.00	35.66 1.07 0.00	25.57 0.77 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.78 1.07 0.00	28.53 1.01 0.00	26.49 1.05 0.00	24.46 0.99 0.00	26.68 0.93 0.00	48.56 1.83 0.00	37.47 1.55 0.00	40.41 2.28 0.00	38.99 2.16 0.00	39.73 1.95 0.00	37.75 1.84 0.00	42.25 1.92 0.00	39.75 1.68 0.00	37.54 1.38 0.00	31.80 1.20 0.00	29.20 1.15 0.00	26.71 1.08 0.00	28.34 1.30 0.00	31.30 1.70 0.00	34.94 1.81 0.00	31.71 1.63 0.00	40.49 1.73 0.00	35.73 1.15 0.00	25.62 0.81 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.79 1.08 0.00	28.52 1.00 0.00	26.47 1.03 0.00	24.40 0.92 0.00	26.58 0.83 0.00	48.41 1.67 0.00	37.37 1.44 0.00	40.34 2.21 0.00	38.98 2.15 0.00	39.66 1.87 0.00	37.73 1.82 0.00	42.19 1.86 0.00	39.73 1.65 0.00	37.54 1.38 0.00	31.87 1.27 0.00	29.24 1.19 0.00	26.78 1.15 0.00	28.38 1.34 0.00	31.30 1.70 0.00	34.98 1.85 0.00	31.77 1.69 0.00	40.46 1.69 0.00	35.62 1.04 0.00	25.60 0.80 0.00
E179THST_13_KV_LOAD 356214	29.92 1.20 0.00	28.64 1.11 0.00	26.57 1.13 0.00	24.49 1.02 0.00	26.69 0.93 0.00	48.60 1.86 0.00	37.53 1.61 0.00	40.53 2.40 0.00	39.17 2.34 0.00	39.85 2.06 0.00	37.91 2.00 0.00	42.40 2.07 0.00	39.92 1.85 0.00	37.72 1.56 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.90 1.27 0.00	28.52 1.48 0.00	31.46 1.86 0.00	35.15 2.02 0.00	31.93 1.85 0.00	40.65 1.89 0.00	35.79 1.20 0.00	25.71 0.90 0.00
EAST HAMPTON___GT 23717	30.84 2.12 0.00	29.48 1.96 0.00	27.45 2.01 0.00	25.45 1.98 0.00	27.45 1.69 0.00	49.93 3.20 0.00	37.79 1.87 0.00	41.61 3.47 0.00	40.41 3.58 0.00	41.13 3.34 0.00	39.35 3.45 0.01	43.23 2.90 0.00	41.43 3.36 0.01	38.94 3.08 0.29	32.98 2.37 -0.01	30.11 2.07 0.01	27.53 1.90 0.00	29.25 2.21 0.00	32.44 2.84 0.00	36.24 3.11 0.00	32.89 2.81 0.00	41.73 2.97 0.00	37.00 2.41 0.00	26.41 1.60 0.00
EAST RIVER___6 23660	29.81 1.10 0.00	28.54 1.01 0.00	26.48 1.04 0.00	24.44 0.96 0.00	26.59 0.84 0.00	48.39 1.66 0.00	37.39 1.47 0.00	40.42 2.29 0.00	39.05 2.22 0.00	39.78 2.00 0.00	37.84 1.93 0.00	42.35 2.02 0.00	39.86 1.79 0.00	37.59 1.43 0.00	31.90 1.31 0.00	29.30 1.25 0.00	26.82 1.19 0.00	28.45 1.42 0.00	31.39 1.79 0.00	35.02 1.89 0.00	31.79 1.71 0.00	40.49 1.73 0.00	35.66 1.07 0.00	25.61 0.81 0.00
EAST RIVER___7 23524	29.81 1.10 0.00	28.54 1.01 0.00	26.48 1.04 0.00	24.44 0.96 0.00	26.59 0.84 0.00	48.39 1.66 0.00	37.39 1.47 0.00	40.42 2.29 0.00	39.05 2.22 0.00	39.78 2.00 0.00	37.84 1.93 0.00	42.35 2.02 0.00	39.86 1.79 0.00	37.59 1.43 0.00	31.90 1.31 0.00	29.30 1.25 0.00	26.82 1.19 0.00	28.45 1.42 0.00	31.39 1.79 0.00	35.02 1.89 0.00	31.79 1.71 0.00	40.49 1.73 0.00	35.66 1.07 0.00	25.61 0.81 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.72 1.00 0.00	28.45 0.93 0.00	26.41 0.97 0.00	24.39 0.91 0.00	26.58 0.82 0.00	48.38 1.65 0.00	37.32 1.40 0.00	40.29 2.16 0.00	38.88 2.04 0.00	39.64 1.85 0.00	37.69 1.78 0.00	42.16 1.83 0.00	39.69 1.61 0.00	37.44 1.29 0.00	31.75 1.15 0.00	29.13 1.08 0.00	26.66 1.03 0.00	28.28 1.24 0.00	31.23 1.63 0.00	34.85 1.72 0.00	31.64 1.56 0.00	40.37 1.61 0.00	35.59 1.01 0.00	25.53 0.72 0.00
EAST_HAMPTON___DIESEL 23722	30.83 2.12 0.00	29.46 1.94 0.00	27.44 2.00 0.00	25.44 1.97 0.00	27.44 1.68 0.00	49.91 3.18 0.00	37.79 1.87 0.00	41.60 3.47 0.00	40.41 3.58 0.00	41.12 3.34 0.00	39.35 3.45 0.01	43.23 2.90 0.00	41.43 3.36 0.01	38.94 3.07 0.29	32.97 2.37 -0.01	30.11 2.07 0.01	27.52 1.90 0.00	29.25 2.21 0.00	32.44 2.84 0.00	36.25 3.11 0.00	32.90 2.82 0.00	41.73 2.97 0.00	37.00 2.42 0.00	26.41 1.60 0.00
EAST_POINT___SOLAR 323840	30.72 2.00 0.00	29.44 1.91 0.00	27.25 1.81 0.00	25.29 1.82 0.00	27.74 1.99 0.00	50.50 3.77 0.00	38.84 2.92 0.00	40.97 2.84 0.00	39.71 2.88 0.00	40.68 2.90 0.00	38.70 2.79 0.00	43.60 3.27 0.00	41.19 3.11 0.00	39.06 2.90 0.00	32.92 2.32 0.00	30.22 2.17 0.00	27.70 2.08 0.00	29.23 2.19 0.00	31.96 2.36 0.00	35.83 2.69 0.00	32.55 2.48 0.00	41.86 3.10 0.00	37.43 2.85 0.00	26.88 2.07 0.00
EAST_PULASKI___ESR 323781	28.41 -0.31 0.00	27.22 -0.30 0.00	25.21 -0.22 0.00	23.28 -0.19 0.00	25.57 -0.18 0.00	46.44 -0.29 0.00	35.73 -0.19 0.00	37.71 -0.42 0.00	36.60 -0.23 0.00	37.56 -0.23 0.00	35.64 -0.27 0.00	40.02 -0.31 0.00	37.62 -0.45 0.00	35.61 -0.54 0.00	30.07 -0.53 0.00	27.57 -0.48 0.00	25.17 -0.46 0.00	26.59 -0.45 0.00	29.23 -0.37 0.00	33.02 -0.12 0.00	30.03 -0.05 0.00	38.57 -0.19 0.00	34.33 -0.25 0.00	24.65 -0.16 0.00
EAST_RIVER___1 323558	29.79 1.07 0.00	28.52 0.99 0.00	26.45 1.02 0.00	24.42 0.95 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.37 1.45 0.00	40.37 2.24 0.00	38.98 2.15 0.00	39.72 1.94 0.00	37.78 1.87 0.00	42.29 1.96 0.00	39.81 1.73 0.00	37.55 1.39 0.00	31.87 1.28 0.00	29.25 1.20 0.00	26.77 1.15 0.00	28.41 1.37 0.00	31.35 1.75 0.00	35.00 1.87 0.00	31.78 1.70 0.00	40.49 1.73 0.00	35.67 1.09 0.00	25.59 0.79 0.00
EAST_RIVER___2 323559	29.81 1.10 0.00	28.54 1.01 0.00	26.48 1.04 0.00	24.44 0.96 0.00	26.59 0.84 0.00	48.39 1.66 0.00	37.39 1.47 0.00	40.42 2.29 0.00	39.05 2.22 0.00	39.78 2.00 0.00	37.84 1.93 0.00	42.35 2.02 0.00	39.86 1.79 0.00	37.59 1.43 0.00	31.90 1.31 0.00	29.30 1.25 0.00	26.82 1.19 0.00	28.45 1.42 0.00	31.39 1.79 0.00	35.02 1.89 0.00	31.79 1.71 0.00	40.49 1.73 0.00	35.66 1.07 0.00	25.61 0.81 0.00
EAST___DELAWARE_HYD 23607	30.22 1.50 0.00	28.94 1.42 0.00	26.86 1.42 0.00	24.81 1.34 0.00	27.09 1.33 0.00	49.38 2.65 0.00	38.12 2.20 0.00	41.10 2.97 0.00	39.65 2.82 0.00	40.36 2.58 0.00	38.33 2.42 0.00	42.84 2.51 0.00	40.23 2.16 0.00	38.02 1.86 0.00	32.17 1.57 0.00	29.59 1.53 0.00	27.06 1.44 0.00	28.74 1.70 0.00	31.78 2.18 0.00	35.47 2.33 0.00	32.17 2.09 0.00	41.07 2.30 0.00	36.20 1.62 0.00	25.97 1.16 0.00
EIGHT_POINT___WT_PWR 323820	30.08 1.36 0.00	28.77 1.24 0.00	26.94 1.50 0.00	24.83 1.36 0.00	27.20 1.45 0.00	49.71 2.98 0.00	38.67 2.75 0.00	41.72 3.59 0.00	40.12 3.29 0.00	40.65 2.87 0.00	38.90 2.99 0.00	44.03 3.70 0.00	40.93 2.85 0.00	38.80 2.65 0.00	32.65 2.05 0.00	29.78 1.73 0.00	26.86 1.23 0.00	28.57 1.53 0.00	31.40 1.80 0.00	34.50 1.37 0.00	31.26 1.18 0.00	40.15 1.38 0.00	35.40 0.82 0.00	25.45 0.64 0.00
ELBRIDGE_115KV_TB2 80188	28.38 -0.33 0.00	27.26 -0.27 0.00	25.30 -0.14 0.00	23.33 -0.14 0.00	25.68 -0.08 0.00	46.60 -0.13 0.00	35.81 -0.11 0.00	37.97 -0.16 0.00	36.70 -0.13 0.00	37.61 -0.18 0.00	35.75 -0.16 0.00	40.23 -0.10 0.00	37.86 -0.22 0.00	35.87 -0.29 0.00	30.28 -0.32 0.00	27.76 -0.29 0.00	25.32 -0.31 0.00	26.78 -0.25 0.00	29.39 -0.21 0.00	33.13 -0.01 0.00	30.03 -0.04 0.00	38.59 -0.18 0.00	34.33 -0.25 0.00	24.73 -0.07 0.00
ELEC_TRO_TEK 24086	29.92 1.20 0.00	28.65 1.13 0.00	26.58 1.14 0.00	24.55 1.08 0.00	26.65 0.89 0.00	48.44 1.71 0.00	37.17 1.25 0.00	40.39 2.26 0.00	39.03 2.19 0.00	39.72 1.93 0.00	37.96 2.04 -0.01	41.95 1.62 0.00	39.89 1.81 -0.01	38.85 1.73 -0.96	32.84 1.49 -0.75	29.32 1.26 -0.01	26.70 1.07 0.00	28.17 1.13 0.00	31.19 1.59 0.00	34.88 1.75 0.00	31.66 1.58 0.00	40.31 1.54 0.00	35.56 0.97 0.00	25.49 0.69 0.00

ELLENBURG_WT_PWR 323604	-12.09 -1.08 39.73	10.98 -1.02 15.52	24.45 -0.98 0.00	22.46 -1.01 0.00	13.98 -1.05 10.73	44.88 -1.85 0.00	34.69 -1.23 0.00	36.21 -1.92 0.00	34.88 -1.96 0.00	36.04 -1.74 0.00	34.15 -1.76 0.00	38.17 -2.17 0.00	36.29 -1.79 0.00	34.80 -1.36 0.00	21.69 -0.88 8.03	23.20 -0.90 3.95	24.78 -0.85 0.00	25.91 -1.13 0.00	28.21 -1.40 0.00	31.79 -1.35 0.00	29.38 -0.70 0.00	38.69 -0.07 0.00	35.03 0.44 0.00	25.18 0.38 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.16 0.44 0.00	28.31 0.79 0.00	26.57 1.13 0.00	24.50 1.03 0.00	27.13 1.37 0.00	48.75 2.02 0.00	37.57 1.65 0.00	39.73 1.60 0.00	38.47 1.63 0.00	39.51 1.72 0.00	37.67 1.76 0.00	42.88 2.55 0.00	40.14 2.07 0.00	37.88 1.73 0.00	31.71 1.11 0.00	29.05 1.00 0.00	26.23 0.60 0.00	27.78 0.74 0.00	30.24 0.64 0.00	33.64 0.51 0.00	30.48 0.40 0.00	39.13 0.36 0.00	34.94 0.36 0.00	25.26 0.45 0.00
EMPIRE_CC_1 323656	28.83 0.12 0.00	27.62 0.10 0.00	25.61 0.17 0.00	23.66 0.19 0.00	25.91 0.15 0.00	46.86 0.12 0.00	35.99 0.07 0.00	38.56 0.43 0.00	37.12 0.29 0.00	38.15 0.36 0.00	36.10 0.19 0.00	40.52 0.18 0.00	38.16 0.08 0.00	36.01 -0.15 0.00	30.52 -0.08 0.00	27.94 -0.11 0.00	25.62 0.00 0.00	27.15 0.11 0.00	29.87 0.27 0.00	33.31 0.17 0.00	30.20 0.12 0.00	38.81 0.05 0.00	34.32 -0.26 0.00	24.61 -0.20 0.00
EMPIRE_CC_2 323658	28.83 0.12 0.00	27.62 0.10 0.00	25.61 0.17 0.00	23.66 0.19 0.00	25.91 0.15 0.00	46.86 0.12 0.00	35.99 0.07 0.00	38.56 0.43 0.00	37.12 0.29 0.00	38.15 0.36 0.00	36.10 0.19 0.00	40.52 0.18 0.00	38.16 0.08 0.00	36.01 -0.15 0.00	30.52 -0.08 0.00	27.94 -0.11 0.00	25.62 0.00 0.00	27.15 0.11 0.00	29.87 0.27 0.00	33.31 0.17 0.00	30.20 0.12 0.00	38.81 0.05 0.00	34.32 -0.26 0.00	24.61 -0.20 0.00
ENORWICH_115KV_TB1 80156	31.09 2.37 0.00	29.62 2.10 0.00	27.67 2.23 0.00	25.43 1.96 0.00	27.98 2.22 0.00	51.01 4.28 0.00	39.47 3.55 0.00	42.20 4.07 0.00	40.76 3.93 0.00	41.59 3.81 0.00	39.70 3.79 0.00	44.53 4.20 0.00	41.70 3.62 0.00	39.41 3.25 0.00	33.33 2.73 0.00	30.65 2.60 0.00	27.94 2.31 0.00	29.81 2.77 0.00	32.89 3.28 0.00	36.80 3.66 0.00	33.37 3.29 0.00	42.70 3.93 0.00	37.74 3.15 0.00	27.04 2.23 0.00
ERIE_ST__34_KV_TB1-2 80199	29.77 1.05 0.00	28.86 1.34 0.00	27.07 1.64 0.00	24.96 1.49 0.00	27.61 1.85 0.00	49.66 2.93 0.00	38.37 2.45 0.00	40.67 2.54 0.00	39.32 2.48 0.00	40.36 2.58 0.00	38.52 2.61 0.00	43.86 3.53 0.00	41.06 2.98 0.00	38.73 2.57 0.00	32.41 1.81 0.00	29.69 1.64 0.00	26.81 1.18 0.00	28.42 1.38 0.00	30.94 1.33 0.00	34.38 1.25 0.00	31.16 1.08 0.00	40.01 1.24 0.00	35.65 1.06 0.00	25.75 0.95 0.00
ERIE_WT_PWR 323693	29.41 0.70 0.00	28.50 0.98 0.00	26.78 1.34 0.00	24.70 1.23 0.00	27.34 1.58 0.00	49.13 2.39 0.00	37.89 1.97 0.00	40.11 1.98 0.00	38.83 2.00 0.00	39.88 2.09 0.00	38.02 2.11 0.00	43.27 2.94 0.00	40.51 2.43 0.00	38.23 2.07 0.00	31.99 1.39 0.00	29.30 1.25 0.00	26.43 0.80 0.00	28.00 0.96 0.00	30.49 0.88 0.00	33.91 0.78 0.00	30.74 0.66 0.00	39.48 0.71 0.00	35.23 0.64 0.00	25.47 0.66 0.00
ESPRGFLD_115KV_TB1 80157	30.64 1.92 0.00	29.33 1.81 0.00	27.21 1.78 0.00	25.21 1.73 0.00	27.64 1.88 0.00	50.34 3.61 0.00	38.74 2.82 0.00	41.04 2.91 0.00	39.76 2.92 0.00	40.62 2.83 0.00	38.68 2.77 0.00	43.61 3.28 0.00	41.11 3.04 0.00	39.04 2.88 0.00	32.97 2.37 0.00	30.26 2.22 0.00	27.65 2.02 0.00	29.21 2.17 0.00	31.95 2.35 0.00	35.68 2.55 0.00	32.40 2.33 0.00	41.63 2.87 0.00	37.15 2.57 0.00	26.71 1.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.94 0.23 0.00	27.78 0.26 0.00	25.80 0.36 0.00	23.78 0.31 0.00	26.19 0.43 0.00	47.53 0.80 0.00	36.60 0.68 0.00	38.82 0.69 0.00	37.54 0.71 0.00	38.48 0.69 0.00	36.55 0.64 0.00	41.10 0.77 0.00	38.62 0.54 0.00	36.59 0.44 0.00	30.88 0.28 0.00	28.32 0.27 0.00	25.85 0.22 0.00	27.37 0.33 0.00	30.12 0.52 0.00	34.27 1.14 0.00	31.07 0.99 0.00	39.89 1.13 0.00	35.37 0.78 0.00	25.45 0.64 0.00
ETNA____115KV_TB2 80207	28.94 0.23 0.00	27.78 0.26 0.00	25.80 0.36 0.00	23.78 0.31 0.00	26.19 0.43 0.00	47.53 0.80 0.00	36.60 0.68 0.00	38.82 0.69 0.00	37.54 0.71 0.00	38.48 0.69 0.00	36.55 0.64 0.00	41.10 0.77 0.00	38.62 0.54 0.00	36.59 0.44 0.00	30.88 0.28 0.00	28.32 0.27 0.00	25.85 0.22 0.00	27.37 0.33 0.00	30.12 0.52 0.00	34.27 1.14 0.00	31.07 0.99 0.00	39.89 1.13 0.00	35.37 0.78 0.00	25.45 0.64 0.00
EUCLID____115KV_TB2 356179	28.21 -0.50 0.00	27.10 -0.43 0.00	25.15 -0.29 0.00	23.21 -0.26 0.00	25.52 -0.24 0.00	46.27 -0.46 0.00	35.62 -0.31 0.00	37.76 -0.37 0.00	36.51 -0.33 0.00	37.44 -0.34 0.00	35.60 -0.31 0.00	40.06 -0.27 0.00	37.71 -0.36 0.00	35.70 -0.45 0.00	30.13 -0.47 0.00	27.61 -0.44 0.00	25.16 -0.46 0.00	26.60 -0.44 0.00	29.18 -0.42 0.00	32.84 -0.29 0.00	29.78 -0.29 0.00	38.29 -0.48 0.00	34.09 -0.50 0.00	24.54 -0.27 0.00
E_CANADA_CAP_HY 24051	30.69 1.97 0.00	29.40 1.88 0.00	27.21 1.78 0.00	25.27 1.80 0.00	27.72 1.96 0.00	50.45 3.72 0.00	38.78 2.86 0.00	40.86 2.73 0.00	39.60 2.76 0.00	40.56 2.78 0.00	38.60 2.69 0.00	43.50 3.17 0.00	41.11 3.03 0.00	39.02 2.86 0.00	32.89 2.29 0.00	30.20 2.14 0.00	27.66 2.03 0.00	29.18 2.14 0.00	31.88 2.28 0.00	35.73 2.60 0.00	32.48 2.40 0.00	41.77 3.01 0.00	37.39 2.81 0.00	26.87 2.07 0.00
E_CANADA_MHWK_HY 24050	28.15 -0.57 0.00	26.97 -0.55 0.00	25.10 -0.34 0.00	23.34 -0.14 0.00	25.43 -0.33 0.00	46.07 -0.67 0.00	35.73 -0.19 0.00	38.57 0.44 0.00	37.01 0.17 0.00	38.00 0.22 0.00	36.04 0.13 0.00	40.43 0.09 0.00	37.91 -0.16 0.00	35.66 -0.50 0.00	30.14 -0.46 0.00	27.58 -0.47 0.00	25.43 -0.20 0.00	27.10 0.06 0.00	30.00 0.40 0.00	33.44 0.30 0.00	30.24 0.16 0.00	38.72 -0.04 0.00	34.06 -0.53 0.00	24.30 -0.51 0.00
E_FISHKILL____LBMP 23776	29.50 0.78 0.00	28.24 0.72 0.00	26.22 0.78 0.00	24.22 0.75 0.00	26.41 0.65 0.00	48.08 1.35 0.00	37.08 1.16 0.00	39.98 1.85 0.00	38.56 1.73 0.00	39.36 1.58 0.00	37.41 1.50 0.00	41.86 1.53 0.00	39.39 1.32 0.00	37.16 1.00 0.00	31.50 0.90 0.00	28.90 0.84 0.00	26.45 0.82 0.00	28.06 1.02 0.00	30.98 1.37 0.00	34.57 1.44 0.00	31.36 1.28 0.00	40.06 1.30 0.00	35.34 0.75 0.00	25.35 0.54 0.00
FALCON____SEABRD_CC1 323796	-12.50 -0.93 40.29	10.81 -0.97 15.75	24.54 -0.90 0.00	22.55 -0.92 0.00	13.90 -0.98 10.88	45.02 -1.71 0.00	35.01 -0.91 0.00	36.52 -1.61 0.00	35.04 -1.80 0.00	36.39 -1.39 0.00	34.38 -1.53 0.00	38.27 -2.06 0.00	36.40 -1.68 0.00	34.86 -1.30 0.00	21.87 -0.70 8.03	23.26 -0.85 3.95	24.86 -0.77 0.00	25.93 -1.10 0.00	28.21 -1.39 0.00	31.72 -1.41 0.00	29.40 -0.68 0.00	39.10 0.34 0.00	35.50 0.92 0.00	25.59 0.79 0.00

FALCON___SEABRD_CC2 323797	-12.50 -0.93 40.29	10.81 -0.97 15.75	24.54 -0.90 0.00	22.55 -0.92 0.00	13.90 -0.98 10.88	45.02 -1.71 0.00	35.01 -0.91 0.00	36.52 -1.61 0.00	35.04 -1.80 0.00	36.39 -1.39 0.00	34.38 -1.53 0.00	38.27 -2.06 0.00	36.40 -1.68 0.00	34.86 -1.30 0.00	21.87 -0.70 8.03	23.26 -0.85 3.95	24.86 -0.77 0.00	25.93 -1.10 0.00	28.21 -1.39 0.00	31.72 -1.41 0.00	29.40 -0.68 0.00	39.10 0.34 0.00	35.50 0.92 0.00	25.59 0.79 0.00
FAR ROCKAWAY___4 23548	30.32 1.60 0.00	29.04 1.52 0.00	26.91 1.48 0.00	24.86 1.39 0.00	26.99 1.23 0.00	49.07 2.33 0.00	37.67 1.75 0.00	40.95 2.82 0.00	39.56 2.73 0.00	40.24 2.46 0.00	38.50 2.56 -0.03	42.13 1.79 -0.01	40.31 2.22 -0.02	41.08 2.25 -2.67	34.29 1.92 -1.77	29.72 1.65 -0.02	27.03 1.40 0.00	28.55 1.51 0.00	31.59 1.99 0.00	35.37 2.24 0.00	32.11 2.04 0.00	40.86 2.09 0.00	36.03 1.45 0.00	25.82 1.02 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.80 1.09 0.00	28.52 1.00 0.00	26.47 1.03 0.00	24.43 0.96 0.00	26.62 0.86 0.00	48.47 1.74 0.00	37.40 1.48 0.00	40.41 2.28 0.00	39.01 2.18 0.00	39.75 1.97 0.00	37.80 1.89 0.00	42.32 1.99 0.00	39.83 1.76 0.00	37.57 1.41 0.00	31.89 1.29 0.00	29.26 1.21 0.00	26.79 1.16 0.00	28.43 1.39 0.00	31.37 1.77 0.00	35.02 1.89 0.00	31.79 1.72 0.00	40.53 1.77 0.00	35.69 1.10 0.00	25.62 0.81 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.83 1.11 0.00	28.55 1.02 0.00	26.50 1.06 0.00	24.45 0.98 0.00	26.64 0.88 0.00	48.51 1.78 0.00	37.44 1.51 0.00	40.44 2.31 0.00	39.04 2.21 0.00	39.77 1.99 0.00	37.83 1.92 0.00	42.34 2.01 0.00	39.85 1.78 0.00	37.59 1.44 0.00	31.91 1.32 0.00	29.29 1.24 0.00	26.81 1.18 0.00	28.45 1.41 0.00	31.39 1.79 0.00	35.05 1.92 0.00	31.83 1.75 0.00	40.57 1.80 0.00	35.72 1.14 0.00	25.64 0.83 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.79 1.08 0.00	28.51 0.99 0.00	26.47 1.03 0.00	24.42 0.95 0.00	26.60 0.85 0.00	48.44 1.71 0.00	37.39 1.47 0.00	40.39 2.26 0.00	39.00 2.17 0.00	39.73 1.95 0.00	37.79 1.88 0.00	42.29 1.96 0.00	39.81 1.74 0.00	37.55 1.39 0.00	31.88 1.29 0.00	29.26 1.21 0.00	26.79 1.16 0.00	28.42 1.38 0.00	31.36 1.76 0.00	35.01 1.88 0.00	31.79 1.71 0.00	40.52 1.75 0.00	35.68 1.10 0.00	25.60 0.80 0.00
FARRAGUT___LBMP 323566	29.77 1.06 0.00	28.49 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.96 2.12 0.00	39.69 1.91 0.00	37.75 1.84 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.23 1.18 0.00	26.76 1.13 0.00	28.39 1.35 0.00	31.33 1.73 0.00	34.98 1.85 0.00	31.76 1.69 0.00	40.49 1.72 0.00	35.65 1.07 0.00	25.59 0.78 0.00
FENNER___WINDPWR 24204	29.37 0.65 0.00	28.08 0.55 0.00	26.01 0.57 0.00	23.96 0.48 0.00	26.36 0.60 0.00	48.06 1.33 0.00	37.08 1.16 0.00	39.36 1.23 0.00	38.14 1.31 0.00	39.09 1.30 0.00	37.11 1.20 0.00	41.72 1.39 0.00	39.22 1.14 0.00	37.11 0.95 0.00	31.38 0.78 0.00	28.79 0.75 0.00	26.31 0.68 0.00	27.88 0.84 0.00	30.64 1.03 0.00	34.47 1.33 0.00	31.27 1.19 0.00	40.17 1.41 0.00	35.67 1.09 0.00	25.58 0.77 0.00
FIBERTEK___ENERGY 23856	28.52 -0.20 0.00	27.37 -0.15 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.04 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.15 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.06 0.00	24.85 0.05 0.00
FITZPATRICK____ 23598	27.87 -0.85 0.00	26.75 -0.78 0.00	24.80 -0.64 0.00	22.90 -0.57 0.00	25.16 -0.60 0.00	45.61 -1.12 0.00	35.07 -0.86 0.00	37.15 -0.98 0.00	35.91 -0.92 0.00	36.84 -0.95 0.00	35.02 -0.89 0.00	39.38 -0.95 0.00	37.11 -0.97 0.00	35.16 -0.99 0.00	29.69 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.33 -0.80 0.00	29.32 -0.75 0.00	37.71 -1.05 0.00	33.59 -1.00 0.00	24.19 -0.62 0.00
FLOWRFLD_69_KV_BK1 356044	30.22 1.50 0.00	28.92 1.40 0.00	26.87 1.43 0.00	24.86 1.38 0.00	26.90 1.14 0.00	48.86 2.13 0.00	37.32 1.40 0.00	40.75 2.62 0.00	39.47 2.64 0.00	40.14 2.35 0.00	38.32 2.42 0.01	42.12 1.79 0.00	40.22 2.15 0.01	37.97 2.09 0.28	32.37 1.75 -0.01	29.59 1.54 0.01	26.97 1.34 0.00	28.25 1.21 0.00	31.36 1.76 0.00	35.08 1.95 0.00	31.90 1.83 0.00	40.55 1.78 0.00	35.83 1.24 0.00	25.62 0.81 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	30.15 1.43 0.00	28.86 1.34 0.00	26.79 1.35 0.00	24.74 1.27 0.00	27.00 1.24 0.00	49.19 2.46 0.00	37.99 2.07 0.00	40.98 2.85 0.00	39.56 2.73 0.00	40.34 2.56 0.00	38.33 2.42 0.00	42.88 2.55 0.00	40.32 2.25 0.00	38.04 1.89 0.00	32.22 1.63 0.00	29.58 1.52 0.00	27.06 1.44 0.00	28.73 1.69 0.00	31.74 2.14 0.00	35.45 2.32 0.00	32.17 2.09 0.00	41.07 2.30 0.00	36.19 1.60 0.00	25.93 1.12 0.00
FORT ORANGE____ 23900	28.83 0.11 0.00	27.62 0.09 0.00	25.59 0.16 0.00	23.65 0.18 0.00	25.89 0.14 0.00	47.00 0.27 0.00	36.20 0.28 0.00	38.79 0.66 0.00	37.45 0.61 0.00	38.42 0.64 0.00	36.41 0.50 0.00	40.81 0.48 0.00	38.40 0.33 0.00	36.27 0.11 0.00	30.69 0.10 0.00	28.10 0.06 0.00	25.76 0.13 0.00	27.33 0.29 0.00	30.12 0.52 0.00	33.65 0.52 0.00	30.50 0.42 0.00	39.12 0.36 0.00	34.59 0.01 0.00	24.77 -0.03 0.00
FORT_DRUM_COGEN 23780	30.75 0.50 -1.53	28.52 0.40 -0.60	25.70 0.26 0.00	23.72 0.25 0.00	26.45 0.28 -0.41	47.40 0.67 0.00	36.37 0.45 0.00	37.89 -0.24 0.00	37.23 0.40 0.00	38.28 0.50 0.00	36.10 0.19 0.00	40.38 0.05 0.00	37.89 -0.19 0.00	35.87 -0.29 0.00	30.33 -0.27 0.00	27.85 -0.20 0.00	25.46 -0.17 0.00	26.92 -0.12 0.00	29.63 0.02 0.00	33.77 0.63 0.00	30.85 0.77 0.00	39.67 0.91 0.00	35.29 0.71 0.00	25.18 0.37 0.00
FOX_HILLS___ESR 323835	30.00 1.28 0.00	28.73 1.20 0.00	26.68 1.24 0.00	24.61 1.14 0.00	26.82 1.06 0.00	48.79 2.06 0.00	37.53 1.61 0.00	40.48 2.35 0.00	39.10 2.27 0.00	39.70 1.91 0.00	37.88 1.97 0.00	42.24 1.91 0.00	39.88 1.80 0.00	37.68 1.52 0.00	32.08 1.48 0.00	29.43 1.38 0.00	26.94 1.32 0.00	28.60 1.56 0.00	31.56 1.96 0.00	35.26 2.12 0.00	32.01 1.94 0.00	40.72 1.96 0.00	35.90 1.31 0.00	25.80 1.00 0.00
FPL FAR_ROCK_GT1 24212	30.32 1.61 0.00	29.04 1.52 0.00	26.92 1.48 0.00	24.86 1.39 0.00	26.98 1.23 0.00	49.07 2.33 0.00	37.67 1.75 0.00	40.95 2.82 0.00	39.56 2.73 0.00	40.24 2.45 0.00	38.51 2.57 -0.03	42.13 1.79 -0.01	40.32 2.22 -0.02	41.12 2.30 -2.67	34.30 1.93 -1.77	29.72 1.65 -0.02	27.03 1.40 0.00	28.55 1.51 0.00	31.59 1.99 0.00	35.37 2.24 0.00	32.11 2.04 0.00	40.86 2.09 0.00	36.04 1.46 0.00	25.82 1.01 0.00

FPL FAR_ROCK_GT2 23815	30.32 1.61 0.00	29.04 1.52 0.00	26.92 1.48 0.00	24.86 1.39 0.00	26.98 1.23 0.00	49.07 2.33 0.00	37.67 1.75 0.00	40.95 2.82 0.00	39.56 2.73 0.00	40.24 2.45 0.00	38.51 2.57 -0.03	42.13 1.79 -0.01	40.32 2.22 -0.02	41.12 2.30 -2.67	34.30 1.93 -1.77	29.72 1.65 -0.02	27.03 1.40 0.00	28.55 1.51 0.00	31.59 1.99 0.00	35.37 2.24 0.00	32.11 2.04 0.00	40.86 2.09 0.00	36.04 1.46 0.00	25.82 1.01 0.00
FRANKLIN_FALL_HYD 24054	53.17 -0.30 -24.75	36.91 -0.29 -9.67	25.04 -0.40 0.00	23.00 -0.48 0.00	32.04 -0.40 -6.69	45.93 -0.81 0.00	35.31 -0.61 0.00	36.90 -1.23 0.00	35.69 -1.14 0.00	36.87 -0.91 0.00	34.97 -0.94 0.00	39.14 -1.19 0.00	37.18 -0.89 0.00	35.57 -0.59 0.00	22.23 -0.34 8.03	23.81 -0.29 3.95	25.33 -0.30 0.00	26.50 -0.54 0.00	28.86 -0.74 0.00	32.49 -0.64 0.00	29.93 -0.15 0.00	39.17 0.40 0.00	35.43 0.84 0.00	25.41 0.60 0.00
FREEPORT_EQUS_GT1 23764	30.11 1.39 0.00	28.84 1.32 0.00	26.73 1.29 0.00	24.70 1.23 0.00	26.79 1.03 0.00	48.72 1.99 0.00	37.38 1.45 0.00	40.64 2.51 0.00	39.29 2.45 0.00	39.91 2.13 0.00	38.17 2.25 -0.01	42.11 1.77 0.00	40.09 2.00 -0.01	38.89 1.93 -0.81	32.90 1.64 -0.66	29.45 1.39 -0.01	26.80 1.18 0.00	28.29 1.25 0.00	31.36 1.75 0.00	35.09 1.95 0.00	31.85 1.77 0.00	40.54 1.77 0.00	35.76 1.18 0.00	25.62 0.82 0.00
FREEPORT___CT2 23818	30.11 1.39 0.00	28.84 1.32 0.00	26.73 1.29 0.00	24.70 1.23 0.00	26.79 1.03 0.00	48.72 1.99 0.00	37.38 1.45 0.00	40.64 2.51 0.00	39.29 2.45 0.00	39.91 2.13 0.00	38.17 2.25 -0.01	42.11 1.77 0.00	40.09 2.00 -0.01	38.89 1.93 -0.81	32.90 1.64 -0.66	29.45 1.39 -0.01	26.80 1.18 0.00	28.29 1.25 0.00	31.36 1.75 0.00	35.09 1.95 0.00	31.85 1.77 0.00	40.54 1.77 0.00	35.76 1.18 0.00	25.62 0.82 0.00
FRESHKLS_33_KV_LOAD 356253	30.09 1.37 0.00	28.83 1.30 0.00	26.79 1.36 0.00	24.73 1.26 0.00	26.94 1.18 0.00	48.94 2.21 0.00	37.55 1.63 0.00	40.43 2.30 0.00	39.00 2.16 0.00	39.52 1.74 0.00	37.85 1.94 0.00	42.17 1.84 0.00	39.91 1.84 0.00	37.73 1.57 0.00	32.19 1.60 0.00	29.55 1.49 0.00	27.05 1.42 0.00	28.71 1.67 0.00	31.69 2.09 0.00	35.41 2.28 0.00	32.13 2.05 0.00	40.81 2.05 0.00	36.02 1.44 0.00	25.94 1.13 0.00
FULTON COGEN____ 23766	28.20 -0.52 0.00	27.07 -0.46 0.00	25.12 -0.32 0.00	23.19 -0.28 0.00	25.48 -0.28 0.00	46.25 -0.48 0.00	35.59 -0.33 0.00	37.65 -0.48 0.00	36.41 -0.42 0.00	37.29 -0.50 0.00	35.47 -0.44 0.00	39.91 -0.42 0.00	37.52 -0.55 0.00	35.55 -0.61 0.00	30.00 -0.60 0.00	27.50 -0.55 0.00	25.10 -0.52 0.00	26.54 -0.50 0.00	29.10 -0.50 0.00	32.80 -0.33 0.00	29.73 -0.34 0.00	38.16 -0.60 0.00	33.93 -0.65 0.00	24.43 -0.38 0.00
FULTON___LFGE 323630	31.70 2.99 0.00	30.33 2.81 0.00	28.11 2.67 0.00	26.06 2.59 0.00	28.63 2.87 0.00	52.21 5.48 0.00	40.34 4.42 0.00	42.87 4.74 0.00	41.55 4.72 0.00	42.63 4.85 0.00	40.36 4.44 0.00	45.19 4.85 0.00	42.48 4.40 0.00	40.07 3.91 0.00	33.64 3.04 0.00	30.90 2.86 0.00	28.53 2.91 0.00	30.38 3.34 0.00	33.42 3.81 0.00	37.45 4.32 0.00	33.97 3.90 0.00	43.54 4.78 0.00	38.69 4.10 0.00	27.68 2.87 0.00
G.F.CEMENT___DRP 24184	29.70 0.98 0.00	28.46 0.94 0.00	26.53 1.09 0.00	24.42 0.95 0.00	26.80 1.04 0.00	48.66 1.93 0.00	37.61 1.69 0.00	40.36 2.23 0.00	38.72 1.89 0.00	40.04 2.26 0.00	38.23 2.33 0.00	42.63 2.30 0.00	39.80 1.73 0.00	37.21 1.05 0.00	31.52 0.92 0.00	28.87 0.82 0.00	26.60 0.97 0.00	28.38 1.34 0.00	31.29 1.69 0.00	34.86 1.73 0.00	31.45 1.38 0.00	40.16 1.40 0.00	35.44 0.85 0.00	25.42 0.61 0.00
GARDENVILLE___LBMP 24039	29.29 0.57 0.00	28.43 0.91 0.00	26.68 1.24 0.00	24.60 1.13 0.00	27.22 1.46 0.00	48.94 2.20 0.00	37.74 1.82 0.00	39.96 1.83 0.00	38.67 1.83 0.00	39.69 1.91 0.00	37.86 1.94 0.00	43.10 2.77 0.00	40.33 2.26 0.00	38.07 1.91 0.00	31.86 1.26 0.00	29.19 1.14 0.00	26.34 0.71 0.00	27.91 0.87 0.00	30.39 0.79 0.00	33.79 0.65 0.00	30.62 0.54 0.00	39.32 0.55 0.00	35.11 0.52 0.00	25.38 0.57 0.00
GARDNVLA_35_KV_LD 355827	29.42 0.70 0.00	28.56 1.03 0.00	26.80 1.36 0.00	24.71 1.24 0.00	27.36 1.60 0.00	49.17 2.43 0.00	37.93 2.00 0.00	40.14 2.01 0.00	38.85 2.02 0.00	39.90 2.11 0.00	38.05 2.14 0.00	43.31 2.98 0.00	40.54 2.46 0.00	38.26 2.11 0.00	32.02 1.43 0.00	29.33 1.28 0.00	26.47 0.84 0.00	28.04 1.00 0.00	30.54 0.94 0.00	33.95 0.82 0.00	30.77 0.70 0.00	39.51 0.75 0.00	35.26 0.68 0.00	25.48 0.67 0.00
GELCKHM___115KV_LOAD 80723	28.32 -0.39 0.00	27.20 -0.32 0.00	25.23 -0.20 0.00	23.29 -0.19 0.00	25.60 -0.16 0.00	46.46 -0.27 0.00	35.75 -0.17 0.00	37.90 -0.23 0.00	36.66 -0.18 0.00	37.57 -0.21 0.00	35.72 -0.19 0.00	40.19 -0.14 0.00	37.84 -0.24 0.00	35.84 -0.32 0.00	30.25 -0.35 0.00	27.73 -0.32 0.00	25.29 -0.34 0.00	26.74 -0.31 0.00	29.33 -0.27 0.00	33.02 -0.11 0.00	29.94 -0.13 0.00	38.48 -0.28 0.00	34.25 -0.34 0.00	24.65 -0.16 0.00
GENERAL___MILLS 23808	29.38 0.67 0.00	28.53 1.00 0.00	26.77 1.33 0.00	24.68 1.21 0.00	27.32 1.56 0.00	49.11 2.38 0.00	37.87 1.95 0.00	40.08 1.95 0.00	38.79 1.95 0.00	39.83 2.04 0.00	37.99 2.07 0.00	43.24 2.91 0.00	40.47 2.39 0.00	38.20 2.04 0.00	31.97 1.38 0.00	29.28 1.23 0.00	26.42 0.79 0.00	28.00 0.96 0.00	30.48 0.88 0.00	33.90 0.77 0.00	30.73 0.65 0.00	39.45 0.69 0.00	35.21 0.63 0.00	25.45 0.64 0.00
GE_PLASTICS___DRP 24183	28.86 0.14 0.00	27.64 0.11 0.00	25.62 0.18 0.00	23.67 0.20 0.00	25.92 0.16 0.00	47.03 0.30 0.00	36.20 0.28 0.00	38.76 0.63 0.00	37.40 0.57 0.00	38.34 0.56 0.00	36.37 0.46 0.00	40.80 0.47 0.00	38.42 0.35 0.00	36.31 0.15 0.00	30.74 0.14 0.00	28.16 0.10 0.00	25.78 0.16 0.00	27.32 0.28 0.00	30.07 0.47 0.00	33.58 0.45 0.00	30.45 0.37 0.00	39.09 0.32 0.00	34.60 0.01 0.00	24.80 -0.01 0.00
GILBOA___1 23756	29.18 0.47 0.00	27.95 0.43 0.00	25.93 0.49 0.00	23.95 0.48 0.00	26.20 0.44 0.00	47.59 0.86 0.00	36.60 0.68 0.00	39.24 1.11 0.00	37.85 1.02 0.00	38.73 0.94 0.00	36.81 0.91 0.00	41.34 1.01 0.00	38.88 0.81 0.00	36.79 0.63 0.00	31.15 0.55 0.00	28.55 0.50 0.00	26.11 0.49 0.00	27.65 0.61 0.00	30.39 0.79 0.00	33.88 0.74 0.00	30.73 0.65 0.00	39.48 0.71 0.00	34.96 0.37 0.00	25.08 0.27 0.00
GILBOA___2 23757	29.18 0.47 0.00	27.95 0.43 0.00	25.93 0.49 0.00	23.95 0.48 0.00	26.20 0.44 0.00	47.59 0.86 0.00	36.60 0.68 0.00	39.24 1.11 0.00	37.85 1.02 0.00	38.73 0.94 0.00	36.81 0.91 0.00	41.34 1.01 0.00	38.88 0.81 0.00	36.79 0.63 0.00	31.15 0.55 0.00	28.55 0.50 0.00	26.11 0.49 0.00	27.65 0.61 0.00	30.39 0.79 0.00	33.88 0.74 0.00	30.73 0.65 0.00	39.48 0.71 0.00	34.96 0.37 0.00	25.08 0.27 0.00

GILBOA___3 23758	29.18 0.47 0.00	27.95 0.43 0.00	25.93 0.49 0.00	23.95 0.48 0.00	26.20 0.44 0.00	47.59 0.86 0.00	36.60 0.68 0.00	39.24 1.11 0.00	37.85 1.02 0.00	38.73 0.94 0.00	36.81 0.91 0.00	41.34 1.01 0.00	38.88 0.81 0.00	36.79 0.63 0.00	31.15 0.55 0.00	28.55 0.50 0.00	26.11 0.49 0.00	27.65 0.61 0.00	30.39 0.79 0.00	33.88 0.74 0.00	30.73 0.65 0.00	39.48 0.71 0.00	34.96 0.37 0.00	25.08 0.27 0.00
GILBOA___4 23759	29.18 0.47 0.00	27.95 0.43 0.00	25.93 0.49 0.00	23.95 0.48 0.00	26.20 0.44 0.00	47.59 0.86 0.00	36.60 0.68 0.00	39.24 1.11 0.00	37.85 1.02 0.00	38.73 0.94 0.00	36.81 0.91 0.00	41.34 1.01 0.00	38.88 0.81 0.00	36.79 0.63 0.00	31.15 0.55 0.00	28.55 0.50 0.00	26.11 0.49 0.00	27.65 0.61 0.00	30.39 0.79 0.00	33.88 0.74 0.00	30.73 0.65 0.00	39.48 0.71 0.00	34.96 0.37 0.00	25.08 0.27 0.00
GILBOA___ 23599	29.18 0.47 0.00	27.95 0.43 0.00	25.93 0.49 0.00	23.95 0.48 0.00	26.20 0.44 0.00	47.59 0.86 0.00	36.60 0.68 0.00	39.24 1.11 0.00	37.85 1.02 0.00	38.73 0.94 0.00	36.81 0.90 0.00	41.35 1.02 0.00	38.88 0.80 0.00	36.79 0.63 0.00	31.15 0.55 0.00	28.55 0.50 0.00	26.11 0.49 0.00	27.65 0.61 0.00	30.39 0.79 0.00	33.88 0.74 0.00	30.73 0.65 0.00	39.48 0.71 0.00	34.96 0.37 0.00	25.08 0.27 0.00
GINNA___ 23603	27.35 -1.37 0.00	26.40 -1.12 0.00	24.63 -0.82 0.00	22.72 -0.76 0.00	25.10 -0.66 0.00	45.36 -1.37 0.00	34.96 -0.96 0.00	37.02 -1.11 0.00	35.84 -1.00 0.00	36.81 -0.98 0.00	35.02 -0.89 0.00	39.59 -0.74 0.00	37.21 -0.87 0.00	35.19 -0.96 0.00	29.59 -1.01 0.00	27.12 -0.93 0.00	24.65 -0.98 0.00	26.11 -0.93 0.00	28.54 -1.06 0.00	31.97 -1.17 0.00	28.94 -1.13 0.00	37.13 -1.64 0.00	33.03 -1.55 0.00	23.78 -1.03 0.00
GLEN PARK___ 23778	30.75 0.58 -1.46	28.57 0.47 -0.57	25.78 0.34 0.00	23.79 0.32 0.00	26.51 0.36 -0.39	47.59 0.86 0.00	36.56 0.64 0.00	38.15 0.02 0.00	37.47 0.64 0.00	38.49 0.71 0.00	36.25 0.34 0.00	40.49 0.16 0.00	37.96 -0.11 0.00	35.94 -0.22 0.00	30.36 -0.24 0.00	27.90 -0.15 0.00	25.53 -0.10 0.00	27.01 -0.03 0.00	29.75 0.15 0.00	33.94 0.80 0.00	31.00 0.93 0.00	39.84 1.08 0.00	35.41 0.83 0.00	25.25 0.44 0.00
GLENDALE_27_KV_LOAD 356172	29.92 1.20 0.00	28.63 1.11 0.00	26.57 1.13 0.00	24.51 1.04 0.00	26.70 0.94 0.00	48.64 1.91 0.00	37.55 1.63 0.00	40.57 2.44 0.00	39.21 2.38 0.00	39.94 2.15 0.00	37.99 2.09 0.00	42.49 2.15 0.00	40.00 1.92 0.00	37.71 1.56 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.49 0.00	31.48 1.88 0.00	35.16 2.03 0.00	31.94 1.86 0.00	40.69 1.93 0.00	35.83 1.25 0.00	25.72 0.91 0.00
GLENWOOD_IC_1_G5 23712	29.98 1.26 0.00	28.70 1.17 0.00	26.63 1.19 0.00	24.60 1.13 0.00	26.75 0.99 0.00	48.65 1.91 0.00	37.47 1.55 0.00	40.60 2.47 0.00	39.21 2.38 0.00	39.93 2.15 0.00	38.08 2.17 0.00	42.33 1.99 0.00	40.05 1.97 0.00	38.40 1.76 -0.48	32.59 1.52 -0.47	29.40 1.35 0.00	26.82 1.19 0.00	28.39 1.35 0.00	31.41 1.81 0.00	35.10 1.96 0.00	31.85 1.77 0.00	40.58 1.82 0.00	35.78 1.19 0.00	25.64 0.84 0.00
GLENWOOD_IC_2_G1 23688	29.85 1.13 0.00	28.58 1.06 0.00	26.52 1.08 0.00	24.49 1.02 0.00	26.64 0.88 0.00	48.48 1.75 0.00	37.36 1.44 0.00	40.44 2.31 0.00	39.04 2.21 0.00	39.76 1.98 0.00	37.89 1.98 0.00	42.20 1.87 0.00	39.87 1.80 -0.15	37.86 1.55 -0.27	32.22 1.35 0.00	29.25 1.20 0.00	26.72 1.09 0.00	28.30 1.26 0.00	31.30 1.70 0.00	34.96 1.83 0.00	31.74 1.66 0.00	40.46 1.69 0.00	35.67 1.09 0.00	25.57 0.77 0.00
GLENWOOD_IC_3_G1 23689	29.85 1.13 0.00	28.58 1.06 0.00	26.52 1.08 0.00	24.49 1.02 0.00	26.64 0.88 0.00	48.48 1.75 0.00	37.36 1.44 0.00	40.44 2.31 0.00	39.04 2.21 0.00	39.76 1.98 0.00	37.89 1.98 0.00	42.20 1.87 0.00	39.87 1.80 -0.15	37.86 1.55 -0.27	32.22 1.35 0.00	29.25 1.20 0.00	26.72 1.09 0.00	28.30 1.26 0.00	31.30 1.70 0.00	34.96 1.83 0.00	31.74 1.66 0.00	40.46 1.69 0.00	35.67 1.09 0.00	25.57 0.77 0.00
GLENWOOD___4 23550	29.98 1.26 0.00	28.70 1.17 0.00	26.63 1.19 0.00	24.60 1.13 0.00	26.75 0.99 0.00	48.65 1.91 0.00	37.47 1.55 0.00	40.60 2.47 0.00	39.21 2.38 0.00	39.93 2.15 0.00	38.08 2.17 0.00	42.33 1.99 0.00	40.05 1.97 0.00	38.40 1.76 -0.48	32.59 1.52 -0.47	29.40 1.35 0.00	26.82 1.19 0.00	28.39 1.35 0.00	31.41 1.81 0.00	35.10 1.96 0.00	31.85 1.77 0.00	40.58 1.82 0.00	35.78 1.19 0.00	25.64 0.84 0.00
GLENWOOD___5 23614	29.98 1.26 0.00	28.70 1.17 0.00	26.63 1.19 0.00	24.60 1.13 0.00	26.75 0.99 0.00	48.65 1.91 0.00	37.47 1.55 0.00	40.60 2.47 0.00	39.21 2.38 0.00	39.93 2.15 0.00	38.08 2.17 0.00	42.33 1.99 0.00	40.05 1.97 0.00	38.40 1.76 -0.48	32.59 1.52 -0.47	29.40 1.35 0.00	26.82 1.19 0.00	28.39 1.35 0.00	31.41 1.81 0.00	35.10 1.96 0.00	31.85 1.77 0.00	40.58 1.82 0.00	35.78 1.19 0.00	25.64 0.84 0.00
GLOBAL GREEN_PORT_GT1 23814	30.81 2.09 0.00	29.46 1.93 0.00	27.42 1.98 0.00	25.42 1.95 0.00	27.42 1.66 0.00	49.86 3.13 0.00	37.75 1.83 0.00	41.55 3.42 0.00	40.37 3.54 0.00	41.06 3.28 0.00	39.29 3.38 0.01	43.12 2.79 0.00	41.33 3.26 0.01	38.90 3.04 0.29	32.85 2.24 -0.01	29.97 1.92 0.01	27.42 1.79 0.00	29.18 2.14 0.00	32.35 2.75 0.00	36.15 3.01 0.00	32.80 2.73 0.00	41.62 2.86 0.00	36.90 2.32 0.00	26.33 1.53 0.00
GLOBE___DSASP 323697	28.12 -0.60 0.00	27.38 -0.14 0.00	25.72 0.28 0.00	23.73 0.25 0.00	26.32 0.56 0.00	47.14 0.41 0.00	36.22 0.30 0.00	38.11 -0.03 0.00	36.96 0.12 0.00	38.00 0.22 0.00	36.21 0.30 0.00	41.26 0.93 0.00	38.64 0.57 0.00	36.47 0.31 0.00	30.53 -0.07 0.00	28.06 0.01 0.00	25.38 -0.25 0.00	26.78 -0.26 0.00	29.07 -0.53 0.00	32.36 -0.77 0.00	29.31 -0.76 0.00	37.62 -1.15 0.00	33.70 -0.88 0.00	24.45 -0.36 0.00
GOETHSLN___LBMP 323567	29.64 0.92 0.00	28.38 0.86 0.00	26.35 0.91 0.00	24.32 0.85 0.00	26.49 0.73 0.00	48.20 1.47 0.00	37.17 1.26 0.00	40.17 2.04 0.00	38.75 1.91 0.00	39.44 1.66 0.00	37.53 1.62 0.00	42.00 1.68 0.00	39.54 1.46 0.00	37.33 1.17 0.00	31.68 1.09 0.00	29.08 1.03 0.00	26.62 0.99 0.00	28.25 1.21 0.00	31.18 1.58 0.00	34.81 1.68 0.00	31.61 1.54 0.00	40.29 1.52 0.00	35.49 0.90 0.00	25.47 0.67 0.00
GOLAH___69_KV_TB 1_2 80279	29.17 0.45 0.00	28.23 0.70 0.00	26.38 0.94 0.00	24.35 0.88 0.00	26.93 1.17 0.00	48.60 1.87 0.00	37.55 1.63 0.00	39.69 1.56 0.00	38.38 1.55 0.00	39.44 1.66 0.00	37.51 1.60 0.00	42.52 2.19 0.00	39.86 1.79 0.00	37.57 1.41 0.00	31.56 0.96 0.00	28.90 0.85 0.00	26.22 0.59 0.00	27.78 0.73 0.00	30.35 0.75 0.00	33.92 0.79 0.00	30.77 0.69 0.00	39.46 0.70 0.00	35.17 0.58 0.00	25.34 0.54 0.00

GOODYEAR_LAKE_HYD 323669	30.13 1.42 0.00	28.85 1.33 0.00	26.80 1.37 0.00	24.76 1.29 0.00	27.12 1.36 0.00	49.38 2.65 0.00	38.05 2.13 0.00	40.64 2.51 0.00	39.29 2.46 0.00	40.12 2.33 0.00	38.20 2.29 0.00	43.00 2.67 0.00	40.44 2.37 0.00	38.33 2.17 0.00	32.41 1.82 0.00	29.74 1.68 0.00	27.14 1.52 0.00	28.74 1.70 0.00	31.52 1.91 0.00	35.08 1.94 0.00	31.80 1.72 0.00	40.82 2.05 0.00	36.24 1.65 0.00	26.03 1.22 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.54 0.82 0.00	28.24 0.72 0.00	26.38 0.94 0.00	24.33 0.85 0.00	26.61 0.85 0.00	48.49 1.75 0.00	37.51 1.59 0.00	40.34 2.21 0.00	38.86 2.03 0.00	39.54 1.76 0.00	37.81 1.90 0.00	42.74 2.41 0.00	39.94 1.86 0.00	37.82 1.66 0.00	31.93 1.34 0.00	29.24 1.19 0.00	26.55 0.92 0.00	28.20 1.17 0.00	30.87 1.27 0.00	33.93 0.80 0.00	30.75 0.67 0.00	39.52 0.76 0.00	35.01 0.42 0.00	25.22 0.42 0.00
GOUDEY___7 23579	29.57 0.85 0.00	28.27 0.74 0.00	26.40 0.96 0.00	24.35 0.88 0.00	26.63 0.87 0.00	48.50 1.77 0.00	37.54 1.62 0.00	40.38 2.25 0.00	38.90 2.07 0.00	39.58 1.80 0.00	37.85 1.94 0.00	42.79 2.46 0.00	39.99 1.91 0.00	37.86 1.70 0.00	31.97 1.37 0.00	29.28 1.22 0.00	26.58 0.95 0.00	28.24 1.20 0.00	30.90 1.30 0.00	33.97 0.83 0.00	30.78 0.70 0.00	39.57 0.81 0.00	35.04 0.45 0.00	25.24 0.44 0.00
GOUDEY___8 23580	29.54 0.82 0.00	28.24 0.72 0.00	26.38 0.94 0.00	24.33 0.85 0.00	26.61 0.85 0.00	48.49 1.75 0.00	37.51 1.59 0.00	40.34 2.21 0.00	38.86 2.03 0.00	39.54 1.76 0.00	37.81 1.90 0.00	42.74 2.41 0.00	39.94 1.86 0.00	37.82 1.66 0.00	31.93 1.34 0.00	29.24 1.19 0.00	26.55 0.92 0.00	28.20 1.17 0.00	30.87 1.27 0.00	33.93 0.80 0.00	30.75 0.67 0.00	39.52 0.76 0.00	35.01 0.42 0.00	25.22 0.42 0.00
GOWANUS_GT1_1 24077	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_2 24078	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_3 24079	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_4 24080	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_5 24084	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_6 24111	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_7 24112	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT1_8 24113	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT2_1 24114	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
GOWANUS_GT2_2 24115	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
GOWANUS_GT2_3 24116	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00

GOWANUS_GT2_4 24117	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT2_5 24118	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT2_6 24119	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT2_7 24120	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT2_8 24121	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_1 24122	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_2 24123	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_3 24124	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_4 24125	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_5 24126	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_6 24127	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_7 24128	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT3_8 24129	29.95 <u>1.24</u> 0.00	28.68 <u>1.16</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.53 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.83</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.05</u> 0.00	31.96 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.85 <u>1.26</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT4_1 24130	29.95 <u>1.24</u> 0.00	28.67 <u>1.15</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.52 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.82</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.04</u> 0.00	31.95 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.84 <u>1.25</u> 0.00	25.74 <u>0.93</u> 0.00
GOWANUS_GT4_2 24131	29.95 <u>1.24</u> 0.00	28.67 <u>1.15</u> 0.00	26.62 <u>1.18</u> 0.00	24.56 <u>1.08</u> 0.00	26.76 <u>1.00</u> 0.00	48.70 <u>1.97</u> 0.00	37.53 <u>1.61</u> 0.00	40.52 <u>2.39</u> 0.00	39.14 <u>2.31</u> 0.00	39.79 <u>2.01</u> 0.00	37.89 <u>1.98</u> 0.00	42.33 <u>2.00</u> 0.00	39.90 <u>1.82</u> 0.00	37.67 <u>1.51</u> 0.00	32.02 <u>1.42</u> 0.00	29.38 <u>1.33</u> 0.00	26.89 <u>1.27</u> 0.00	28.54 <u>1.50</u> 0.00	31.50 <u>1.90</u> 0.00	35.18 <u>2.04</u> 0.00	31.95 <u>1.88</u> 0.00	40.68 <u>1.92</u> 0.00	35.84 <u>1.25</u> 0.00	25.74 <u>0.93</u> 0.00

GOWANUS_GT4_3 24132	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT4_4 24133	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT4_5 24134	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT4_6 24135	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT4_7 24136	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GOWANUS_GT4_8 24137	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GREENBSH_115KV_TB3 55895	28.66 -0.06 0.00	27.44 -0.08 0.00	25.44 0.00 0.00	23.50 0.02 0.00	25.74 -0.02 0.00	46.67 -0.06 0.00	35.93 0.01 0.00	38.49 0.36 0.00	37.13 0.30 0.00	38.11 0.33 0.00	36.12 0.21 0.00	40.52 0.18 0.00	38.14 0.07 0.00	36.03 -0.13 0.00	30.50 -0.10 0.00	27.94 -0.10 0.00	25.60 -0.02 0.00	27.14 0.10 0.00	29.88 0.28 0.00	33.35 0.22 0.00	30.24 0.16 0.00	38.81 0.05 0.00	34.33 -0.26 0.00	24.60 -0.20 0.00
GREENIDGE_115KV_TB5 80291	29.42 0.71 0.00	28.21 0.69 0.00	26.34 0.90 0.00	24.28 0.81 0.00	26.69 0.94 0.00	48.30 1.57 0.00	37.40 1.48 0.00	40.02 1.90 0.00	38.60 1.77 0.00	39.34 1.56 0.00	37.54 1.63 0.00	42.38 2.05 0.00	39.54 1.46 0.00	37.46 1.30 0.00	31.71 1.11 0.00	29.13 1.08 0.00	26.45 0.82 0.00	28.09 1.05 0.00	30.80 1.19 0.00	34.20 1.06 0.00	30.91 0.84 0.00	39.64 0.88 0.00	35.07 0.48 0.00	25.42 0.61 0.00
GREENIDGE___3 23582	29.42 0.71 0.00	28.21 0.69 0.00	26.34 0.90 0.00	24.28 0.81 0.00	26.69 0.94 0.00	48.30 1.57 0.00	37.40 1.48 0.00	40.02 1.90 0.00	38.60 1.77 0.00	39.34 1.56 0.00	37.54 1.63 0.00	42.38 2.05 0.00	39.54 1.46 0.00	37.46 1.30 0.00	31.71 1.11 0.00	29.13 1.08 0.00	26.45 0.82 0.00	28.09 1.05 0.00	30.80 1.19 0.00	34.20 1.06 0.00	30.91 0.84 0.00	39.64 0.88 0.00	35.07 0.48 0.00	25.42 0.61 0.00
GREENIDGE___4 23583	29.42 0.70 0.00	28.20 0.67 0.00	26.34 0.90 0.00	24.28 0.81 0.00	26.70 0.94 0.00	48.30 1.57 0.00	37.40 1.48 0.00	40.02 1.89 0.00	38.60 1.77 0.00	39.34 1.56 0.00	37.53 1.62 0.00	42.39 2.06 0.00	39.54 1.46 0.00	37.45 1.29 0.00	31.71 1.11 0.00	29.13 1.08 0.00	26.45 0.82 0.00	28.09 1.05 0.00	30.80 1.20 0.00	34.20 1.06 0.00	30.91 0.84 0.00	39.65 0.88 0.00	35.06 0.48 0.00	25.42 0.61 0.00
GREENLWN_69_KV_BK 3 55738	29.89 1.17 0.00	28.65 1.13 0.00	26.59 1.15 0.00	24.57 1.10 0.00	26.62 0.86 0.00	48.33 1.60 0.00	36.95 1.03 0.00	40.20 2.07 0.00	38.88 2.05 0.00	39.53 1.75 0.00	37.77 1.86 0.00	41.63 1.30 0.00	39.67 1.60 0.00	37.51 1.61 0.25	32.08 1.45 -0.03	29.31 1.26 0.00	26.65 1.03 0.00	27.98 0.93 0.00	31.01 1.41 0.00	34.70 1.56 0.00	31.49 1.41 0.00	40.05 1.28 0.00	35.37 0.78 0.00	25.38 0.58 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00
GRISSOM___SOLAR 323813	31.70 2.99 0.00	30.33 2.81 0.00	28.11 2.67 0.00	26.06 2.59 0.00	28.63 2.87 0.00	52.21 5.48 0.00	40.34 4.42 0.00	42.87 4.74 0.00	41.55 4.72 0.00	42.63 4.85 0.00	40.36 4.44 0.00	45.19 4.85 0.00	42.48 4.40 0.00	40.07 3.91 0.00	33.64 3.04 0.00	30.90 2.86 0.00	28.53 2.91 0.00	30.38 3.34 0.00	33.42 3.81 0.00	37.45 4.32 0.00	33.97 3.90 0.00	43.54 4.78 0.00	38.69 4.10 0.00	27.68 2.87 0.00
GROVEVILLE___HYD 323602	30.15 1.43 0.00	28.86 1.34 0.00	26.79 1.35 0.00	24.74 1.27 0.00	27.00 1.24 0.00	49.19 2.46 0.00	37.99 2.07 0.00	40.98 2.85 0.00	39.56 2.73 0.00	40.34 2.56 0.00	38.33 2.42 0.00	42.88 2.55 0.00	40.32 2.25 0.00	38.04 1.89 0.00	32.22 1.63 0.00	29.58 1.52 0.00	27.06 1.44 0.00	28.73 1.69 0.00	31.74 2.14 0.00	35.45 2.32 0.00	32.17 2.09 0.00	41.07 2.30 0.00	36.19 1.60 0.00	25.93 1.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.52 -0.20 0.00	27.37 -0.15 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.04 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.15 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.06 0.00	24.85 0.05 0.00

HAMLTNNY_34_KV_TB 80303	28.60 -0.12 0.00	27.47 -0.05 0.00	25.50 0.07 0.00	23.53 0.06 0.00	25.91 0.15 0.00	47.01 0.28 0.00	36.15 0.23 0.00	38.33 0.20 0.00	37.06 0.22 0.00	37.97 0.18 0.00	36.09 0.18 0.00	40.61 0.28 0.00	38.22 0.15 0.00	36.21 0.06 0.00	30.56 -0.04 0.00	28.02 -0.03 0.00	25.56 -0.07 0.00	27.04 0.00 0.00	29.68 0.07 0.00	33.43 0.30 0.00	30.31 0.23 0.00	38.92 0.15 0.00	34.62 0.03 0.00	24.93 0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	32.72 0.21 -3.79	29.16 0.15 -1.48	25.41 -0.04 0.00	23.40 -0.08 0.00	26.76 -0.02 -1.02	46.49 -0.25 0.00	35.51 -0.41 0.00	37.05 -1.08 0.00	36.18 -0.65 0.00	37.27 -0.51 0.00	35.30 -0.61 0.00	39.66 -0.67 0.00	37.46 -0.62 0.00	35.65 -0.51 0.00	30.22 -0.38 0.00	27.74 -0.31 0.00	25.29 -0.34 0.00	26.57 -0.47 0.00	29.09 -0.51 0.00	32.89 -0.24 0.00	30.04 -0.04 0.00	38.81 0.05 0.00	34.92 0.33 0.00	24.98 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	28.11 -0.61 0.00	26.95 -0.57 0.00	25.09 -0.36 0.00	23.43 -0.04 0.00	25.51 -0.25 0.00	46.12 -0.61 0.00	35.74 -0.18 0.00	38.42 0.29 0.00	36.83 0.00 0.00	37.89 0.10 0.00	35.96 0.05 0.00	40.41 0.08 0.00	37.95 -0.12 0.00	35.79 -0.37 0.00	30.25 -0.35 0.00	27.69 -0.36 0.00	25.54 -0.08 0.00	27.18 0.14 0.00	30.03 0.42 0.00	33.49 0.36 0.00	30.31 0.23 0.00	38.84 0.08 0.00	34.24 -0.34 0.00	24.46 -0.35 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.74 1.02 0.00	28.50 0.97 0.00	26.46 1.02 0.00	24.43 0.96 0.00	26.65 0.89 0.00	48.50 1.77 0.00	37.40 1.48 0.00	40.36 2.23 0.00	38.91 2.08 0.00	39.64 1.86 0.00	37.72 1.81 0.00	42.24 1.91 0.00	39.75 1.68 0.00	37.54 1.39 0.00	31.81 1.21 0.00	29.20 1.15 0.00	26.70 1.07 0.00	28.32 1.29 0.00	31.28 1.68 0.00	34.90 1.77 0.00	31.67 1.59 0.00	40.44 1.68 0.00	35.68 1.09 0.00	25.59 0.78 0.00
HARSNRAD_115KV_TB1 81005	28.97 0.25 0.00	28.19 0.67 0.00	26.46 1.03 0.00	24.41 0.94 0.00	27.07 1.31 0.00	48.54 1.81 0.00	37.29 1.37 0.00	39.32 1.19 0.00	38.11 1.28 0.00	39.16 1.37 0.00	37.31 1.41 0.00	42.49 2.16 0.00	39.81 1.73 0.00	37.55 1.39 0.00	31.41 0.82 0.00	28.77 0.72 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.98 0.38 0.00	33.39 0.25 0.00	30.25 0.17 0.00	38.80 0.04 0.00	34.70 0.12 0.00	25.11 0.31 0.00
HARZA MOOSE___RIVER 24016	30.47 0.68 -1.07	28.55 0.61 -0.42	25.95 0.51 0.00	23.94 0.47 0.00	26.56 0.52 -0.29	47.75 1.02 0.00	36.70 0.78 0.00	38.52 0.39 0.00	37.59 0.76 0.00	38.64 0.86 0.00	36.65 0.74 0.00	41.17 0.83 0.00	38.67 0.60 0.00	36.64 0.49 0.00	31.04 0.44 0.00	28.47 0.42 0.00	25.99 0.36 0.00	27.48 0.44 0.00	30.20 0.59 0.00	34.07 0.93 0.00	31.02 0.95 0.00	39.90 1.13 0.00	35.49 0.90 0.00	25.37 0.56 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.34 -0.37 0.00	27.23 -0.30 0.00	25.25 -0.18 0.00	23.32 -0.15 0.00	25.64 -0.12 0.00	46.50 -0.23 0.00	35.81 -0.11 0.00	37.97 -0.16 0.00	36.72 -0.11 0.00	37.65 -0.13 0.00	35.79 -0.12 0.00	40.29 -0.04 0.00	37.93 -0.14 0.00	35.91 -0.25 0.00	30.30 -0.30 0.00	27.76 -0.30 0.00	25.27 -0.36 0.00	26.72 -0.32 0.00	29.31 -0.29 0.00	33.02 -0.11 0.00	29.94 -0.14 0.00	38.50 -0.27 0.00	34.28 -0.30 0.00	24.68 -0.12 0.00
HELLGATE_13_KV_LD 55870	29.79 1.07 0.00	28.51 0.99 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.59 0.83 0.00	48.41 1.67 0.00	37.37 1.45 0.00	40.36 2.22 0.00	39.00 2.17 0.00	39.71 1.93 0.00	37.78 1.87 0.00	42.24 1.91 0.00	39.74 1.67 0.00	37.48 1.32 0.00	31.84 1.24 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.36 1.32 0.00	31.29 1.69 0.00	34.95 1.82 0.00	31.76 1.69 0.00	40.49 1.72 0.00	35.64 1.06 0.00	25.60 0.79 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.79 1.07 0.00	28.51 0.99 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.59 0.83 0.00	48.41 1.67 0.00	37.37 1.45 0.00	40.36 2.22 0.00	39.00 2.17 0.00	39.71 1.93 0.00	37.78 1.87 0.00	42.24 1.91 0.00	39.74 1.67 0.00	37.48 1.32 0.00	31.84 1.24 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.36 1.32 0.00	31.29 1.69 0.00	34.95 1.82 0.00	31.76 1.69 0.00	40.49 1.72 0.00	35.64 1.06 0.00	25.60 0.79 0.00
HEMPSTEAD____ 23647	29.90 1.18 0.00	28.63 1.11 0.00	26.55 1.11 0.00	24.53 1.06 0.00	26.63 0.87 0.00	48.42 1.69 0.00	37.18 1.26 0.00	40.39 2.26 0.00	39.04 2.20 0.00	39.71 1.93 0.00	37.93 2.02 -0.01	41.96 1.63 0.00	39.85 1.77 -0.01	38.41 1.68 -0.57	32.55 1.43 -0.52	29.27 1.22 -0.01	26.68 1.05 0.00	28.16 1.12 0.00	31.19 1.59 0.00	34.88 1.75 0.00	31.66 1.58 0.00	40.31 1.54 0.00	35.57 0.98 0.00	25.48 0.67 0.00
HEWLETT_69_KV_BK3 55828	30.19 1.47 0.00	28.92 1.39 0.00	26.80 1.37 0.00	24.75 1.28 0.00	26.87 1.11 0.00	48.84 2.11 0.00	37.48 1.57 0.00	40.72 2.59 0.00	39.35 2.52 0.00	40.04 2.26 0.00	38.32 2.38 -0.03	42.10 1.75 -0.01	40.18 2.09 -0.02	40.90 2.07 -2.67	34.14 1.77 -1.77	29.58 1.51 -0.02	26.92 1.29 0.00	28.41 1.36 0.00	31.43 1.83 0.00	35.19 2.06 0.00	31.94 1.87 0.00	40.66 1.89 0.00	35.85 1.27 0.00	25.70 0.89 0.00
HICKLING___1 23621	29.74 1.02 0.00	28.41 0.89 0.00	26.62 1.18 0.00	24.54 1.07 0.00	26.86 1.10 0.00	49.05 2.32 0.00	38.11 2.18 0.00	41.06 2.93 0.00	39.49 2.66 0.00	40.05 2.26 0.00	38.39 2.48 0.00	43.55 3.22 0.00	40.50 2.42 0.00	38.39 2.23 0.00	32.34 1.74 0.00	29.58 1.52 0.00	26.76 1.13 0.00	28.46 1.42 0.00	31.17 1.57 0.00	34.35 1.22 0.00	31.10 1.02 0.00	40.00 1.24 0.00	35.28 0.70 0.00	25.47 0.66 0.00
HICKLING___2 23622	29.74 1.02 0.00	28.41 0.89 0.00	26.62 1.18 0.00	24.54 1.07 0.00	26.86 1.10 0.00	49.05 2.32 0.00	38.11 2.18 0.00	41.06 2.93 0.00	39.49 2.66 0.00	40.05 2.26 0.00	38.39 2.48 0.00	43.55 3.22 0.00	40.50 2.42 0.00	38.39 2.23 0.00	32.34 1.74 0.00	29.58 1.52 0.00	26.76 1.13 0.00	28.46 1.42 0.00	31.17 1.57 0.00	34.35 1.22 0.00	31.10 1.02 0.00	40.00 1.24 0.00	35.28 0.70 0.00	25.47 0.66 0.00
HIGH FALLS___HY 23754	30.31 1.59 0.00	29.01 1.48 0.00	26.93 1.49 0.00	24.87 1.40 0.00	27.12 1.36 0.00	49.44 2.71 0.00	38.19 2.27 0.00	41.26 3.12 0.00	39.81 2.98 0.00	40.49 2.71 0.00	38.45 2.54 0.00	42.91 2.58 0.00	40.31 2.24 0.00	38.09 1.93 0.00	32.26 1.66 0.00	29.67 1.62 0.00	27.16 1.54 0.00	28.82 1.77 0.00	31.88 2.28 0.00	35.62 2.49 0.00	32.34 2.26 0.00	41.27 2.51 0.00	36.36 1.78 0.00	26.06 1.25 0.00
HILLBURN___GT 23639	29.68 0.97 0.00	28.46 0.94 0.00	26.42 0.98 0.00	24.40 0.92 0.00	26.59 0.83 0.00	48.38 1.65 0.00	37.29 1.38 0.00	40.27 2.13 0.00	38.79 1.95 0.00	39.49 1.70 0.00	37.59 1.68 0.00	42.10 1.77 0.00	39.62 1.55 0.00	37.44 1.29 0.00	31.73 1.13 0.00	29.13 1.08 0.00	26.63 1.00 0.00	28.26 1.22 0.00	31.20 1.60 0.00	34.80 1.67 0.00	31.58 1.51 0.00	40.32 1.55 0.00	35.58 1.00 0.00	25.51 0.71 0.00

HILLSIDE_115KV_TB1 80332	29.29 0.57 0.00	27.95 0.42 0.00	26.20 0.76 0.00	24.15 0.68 0.00	26.41 0.65 0.00	48.22 1.49 0.00	37.42 1.50 0.00	40.35 2.22 0.00	38.83 1.99 0.00	39.35 1.56 0.00	37.75 1.84 0.00	42.84 2.50 0.00	39.85 1.78 0.00	37.77 1.61 0.00	31.85 1.25 0.00	29.13 1.08 0.00	26.34 0.71 0.00	28.02 0.99 0.00	30.66 1.06 0.00	33.78 0.64 0.00	30.57 0.49 0.00	39.36 0.59 0.00	34.73 0.14 0.00	25.09 0.29 0.00
HISHELDN_WT_PWR 323625	29.08 0.36 0.00	28.25 0.73 0.00	26.55 1.11 0.00	24.49 1.01 0.00	27.10 1.34 0.00	48.68 1.95 0.00	37.54 1.63 0.00	39.72 1.59 0.00	38.44 1.60 0.00	39.48 1.69 0.00	37.64 1.73 0.00	42.84 2.51 0.00	40.11 2.04 0.00	37.81 1.65 0.00	31.64 1.04 0.00	28.99 0.94 0.00	26.13 0.50 0.00	27.65 0.60 0.00	30.13 0.53 0.00	33.51 0.38 0.00	30.39 0.32 0.00	39.02 0.26 0.00	34.86 0.28 0.00	25.22 0.42 0.00
HOLTSVILLE_IC_1 23690	30.15 1.43 0.00	28.86 1.34 0.00	26.80 1.37 0.00	24.81 1.34 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.17 1.25 0.00	40.59 2.46 0.00	39.32 2.49 0.00	39.94 2.15 0.00	38.14 2.24 0.01	41.89 1.57 0.00	40.04 1.97 0.01	37.78 1.92 0.29	32.18 1.58 -0.01	29.42 1.37 0.01	26.84 1.21 0.00	28.19 1.15 0.00	31.26 1.66 0.00	34.95 1.82 0.00	31.74 1.66 0.00	40.34 1.57 0.00	35.70 1.12 0.00	25.51 0.71 0.00
HOLTSVILLE_IC_10 23699	30.28 1.56 0.00	28.97 1.45 0.00	26.91 1.47 0.00	24.91 1.44 0.00	26.91 1.15 0.00	48.91 2.18 0.00	37.27 1.35 0.00	40.77 2.64 0.00	39.49 2.66 0.00	40.15 2.36 0.00	38.33 2.43 0.01	42.10 1.77 0.00	40.25 2.18 0.01	37.97 2.09 0.28	32.28 1.67 -0.01	29.56 1.51 0.01	26.98 1.35 0.00	28.33 1.29 0.00	31.42 1.82 0.00	35.14 2.01 0.00	31.92 1.84 0.00	40.55 1.79 0.00	35.89 1.30 0.00	25.63 0.82 0.00
HOLTSVILLE_IC_2 23691	30.15 1.43 0.00	28.86 1.34 0.00	26.80 1.37 0.00	24.81 1.34 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.17 1.25 0.00	40.59 2.46 0.00	39.32 2.49 0.00	39.94 2.15 0.00	38.14 2.24 0.01	41.89 1.57 0.00	40.04 1.97 0.01	37.78 1.92 0.29	32.18 1.58 -0.01	29.42 1.37 0.01	26.84 1.21 0.00	28.19 1.15 0.00	31.26 1.66 0.00	34.95 1.82 0.00	31.74 1.66 0.00	40.34 1.57 0.00	35.70 1.12 0.00	25.51 0.71 0.00
HOLTSVILLE_IC_3 23692	30.15 1.43 0.00	28.86 1.34 0.00	26.80 1.37 0.00	24.81 1.34 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.17 1.25 0.00	40.59 2.46 0.00	39.32 2.49 0.00	39.94 2.15 0.00	38.14 2.24 0.01	41.89 1.57 0.00	40.04 1.97 0.01	37.78 1.92 0.29	32.18 1.58 -0.01	29.42 1.37 0.01	26.84 1.21 0.00	28.19 1.15 0.00	31.26 1.66 0.00	34.95 1.82 0.00	31.74 1.66 0.00	40.34 1.57 0.00	35.70 1.12 0.00	25.51 0.71 0.00
HOLTSVILLE_IC_4 23693	30.15 1.43 0.00	28.86 1.34 0.00	26.80 1.37 0.00	24.81 1.34 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.17 1.25 0.00	40.59 2.46 0.00	39.32 2.49 0.00	39.94 2.15 0.00	38.14 2.24 0.01	41.89 1.57 0.00	40.04 1.97 0.01	37.78 1.92 0.29	32.18 1.58 -0.01	29.42 1.37 0.01	26.84 1.21 0.00	28.19 1.15 0.00	31.26 1.66 0.00	34.95 1.82 0.00	31.74 1.66 0.00	40.34 1.57 0.00	35.70 1.12 0.00	25.51 0.71 0.00
HOLTSVILLE_IC_5 23694	30.15 1.43 0.00	28.86 1.34 0.00	26.80 1.37 0.00	24.81 1.34 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.17 1.25 0.00	40.59 2.46 0.00	39.32 2.49 0.00	39.94 2.15 0.00	38.14 2.24 0.01	41.89 1.57 0.00	40.04 1.97 0.01	37.78 1.92 0.29	32.18 1.58 -0.01	29.42 1.37 0.01	26.84 1.21 0.00	28.19 1.15 0.00	31.26 1.66 0.00	34.95 1.82 0.00	31.74 1.66 0.00	40.34 1.57 0.00	35.70 1.12 0.00	25.51 0.71 0.00
HOLTSVILLE_IC_6 23695	30.28 1.56 0.00	28.97 1.45 0.00	26.91 1.47 0.00	24.91 1.44 0.00	26.91 1.15 0.00	48.91 2.18 0.00	37.27 1.35 0.00	40.77 2.64 0.00	39.49 2.66 0.00	40.15 2.36 0.00	38.33 2.43 0.01	42.10 1.77 0.00	40.25 2.18 0.01	37.97 2.09 0.28	32.28 1.67 -0.01	29.56 1.51 0.01	26.98 1.35 0.00	28.33 1.29 0.00	31.42 1.82 0.00	35.14 2.01 0.00	31.92 1.84 0.00	40.55 1.79 0.00	35.89 1.30 0.00	25.63 0.82 0.00
HOLTSVILLE_IC_7 23696	30.28 1.56 0.00	28.97 1.45 0.00	26.91 1.47 0.00	24.91 1.44 0.00	26.91 1.15 0.00	48.91 2.18 0.00	37.27 1.35 0.00	40.77 2.64 0.00	39.49 2.66 0.00	40.15 2.36 0.00	38.33 2.43 0.01	42.10 1.77 0.00	40.25 2.18 0.01	37.97 2.09 0.28	32.28 1.67 -0.01	29.56 1.51 0.01	26.98 1.35 0.00	28.33 1.29 0.00	31.42 1.82 0.00	35.14 2.01 0.00	31.92 1.84 0.00	40.55 1.79 0.00	35.89 1.30 0.00	25.63 0.82 0.00
HOLTSVILLE_IC_8 23697	30.28 1.56 0.00	28.97 1.45 0.00	26.91 1.47 0.00	24.91 1.44 0.00	26.91 1.15 0.00	48.91 2.18 0.00	37.27 1.35 0.00	40.77 2.64 0.00	39.49 2.66 0.00	40.15 2.36 0.00	38.33 2.43 0.01	42.10 1.77 0.00	40.25 2.18 0.01	37.97 2.09 0.28	32.28 1.67 -0.01	29.56 1.51 0.01	26.98 1.35 0.00	28.33 1.29 0.00	31.42 1.82 0.00	35.14 2.01 0.00	31.92 1.84 0.00	40.55 1.79 0.00	35.89 1.30 0.00	25.63 0.82 0.00
HOLTSVILLE_IC_9 23698	30.28 1.56 0.00	28.97 1.45 0.00	26.91 1.47 0.00	24.91 1.44 0.00	26.91 1.15 0.00	48.91 2.18 0.00	37.27 1.35 0.00	40.77 2.64 0.00	39.49 2.66 0.00	40.15 2.36 0.00	38.33 2.43 0.01	42.10 1.77 0.00	40.25 2.18 0.01	37.97 2.09 0.28	32.28 1.67 -0.01	29.56 1.51 0.01	26.98 1.35 0.00	28.33 1.29 0.00	31.42 1.82 0.00	35.14 2.01 0.00	31.92 1.84 0.00	40.55 1.79 0.00	35.89 1.30 0.00	25.63 0.82 0.00
HOMER_HL_115KV_TB2 355744	29.99 1.27 0.00	28.97 1.44 0.00	27.16 1.73 0.00	25.03 1.56 0.00	27.50 1.74 0.00	49.59 2.86 0.00	38.49 2.57 0.00	41.25 3.12 0.00	39.72 2.89 0.00	40.70 2.91 0.00	38.93 3.02 0.00	44.33 4.00 0.00	41.44 3.37 0.00	39.19 3.04 0.00	32.88 2.28 0.00	30.11 2.06 0.00	27.10 1.48 0.00	28.81 1.77 0.00	31.44 1.84 0.00	34.66 1.52 0.00	31.35 1.27 0.00	40.27 1.50 0.00	35.80 1.22 0.00	25.92 1.12 0.00
HOWARD_WT_PWR 323690	30.11 1.39 0.00	28.81 1.28 0.00	26.98 1.54 0.00	24.87 1.40 0.00	27.26 1.50 0.00	49.75 3.02 0.00	38.72 2.80 0.00	41.75 3.62 0.00	40.15 3.32 0.00	40.71 2.93 0.00	38.94 3.03 0.00	44.08 3.75 0.00	40.99 2.91 0.00	38.87 2.71 0.00	32.69 2.09 0.00	29.81 1.76 0.00	26.88 1.26 0.00	28.59 1.54 0.00	31.43 1.83 0.00	34.54 1.40 0.00	31.29 1.22 0.00	40.19 1.43 0.00	35.45 0.86 0.00	25.48 0.67 0.00
HQ_GEN_CEDARS 23644	30.46 0.15 -1.60	28.26 0.11 -0.63	25.31 -0.13 0.00	23.27 -0.20 0.00	26.10 -0.09 -0.43	46.37 -0.36 0.00	35.44 -0.48 0.00	37.18 -0.95 0.00	36.02 -0.81 0.00	37.13 -0.66 0.00	35.26 -0.64 0.00	39.61 -0.72 0.00	37.57 -0.50 0.00	35.93 -0.23 0.00	22.43 -0.14 8.03	24.03 -0.08 3.95	25.52 -0.10 0.00	26.74 -0.30 0.00	29.09 -0.51 0.00	32.65 -0.48 0.00	29.75 -0.33 0.00	38.65 -0.12 0.00	34.91 0.33 0.00	25.00 0.19 0.00

HQ_GEN_CEDARS_PROXY 323590	30.47 0.15 -1.60	28.26 0.12 -0.63	25.31 -0.13 0.00	23.27 -0.20 0.00	26.10 -0.09 -0.43	46.37 -0.36 0.00	35.44 -0.48 0.00	37.18 -0.95 0.00	35.92 -0.81 0.10	37.13 -0.66 0.00	35.26 -0.64 0.00	39.62 -0.72 0.00	37.57 -0.50 0.00	36.28 -0.23 -0.35	22.43 -0.14 8.03	24.03 -0.08 3.95	25.52 -0.10 0.00	26.74 -0.30 0.00	29.09 -0.51 0.00	32.65 -0.48 0.00	28.67 -0.33 1.08	38.65 -0.12 0.00	34.91 0.33 0.00	25.00 0.19 0.00
HQ_GEN_IMPORT 323601	28.72 0.00 0.00	27.51 -0.01 0.00	25.28 -0.16 0.00	23.28 -0.19 0.00	25.62 -0.14 0.00	46.43 -0.31 0.00	35.60 -0.32 0.00	38.80 -0.65 -1.32	36.25 -0.58 0.00	37.28 -0.50 0.00	35.43 -0.48 0.00	39.78 -0.55 0.00	37.27 -0.35 0.45	36.04 -0.12 0.00	30.53 -0.07 0.00	28.00 -0.05 0.00	25.57 -0.05 0.00	26.85 -0.19 0.00	29.22 -0.38 0.00	32.13 -0.39 0.61	29.77 -0.30 0.00	38.60 -0.16 0.00	34.73 0.15 0.00	24.86 0.05 0.00
HQ_GEN_WHEEL 23651	28.72 0.00 0.00	27.51 -0.01 0.00	25.28 -0.16 0.00	23.28 -0.19 0.00	25.62 -0.14 0.00	46.43 -0.31 0.00	35.60 -0.32 0.00	38.80 -0.65 -1.32	36.25 -0.58 0.00	37.28 -0.50 0.00	35.43 -0.48 0.00	39.78 -0.55 0.00	37.27 -0.35 0.45	36.04 -0.12 0.00	30.53 -0.07 0.00	28.00 -0.05 0.00	25.57 -0.05 0.00	26.85 -0.19 0.00	29.22 -0.38 0.00	32.13 -0.39 0.61	29.77 -0.30 0.00	38.60 -0.16 0.00	34.73 0.15 0.00	24.86 0.05 0.00
HUDSON_AVE_GT_3 23810	29.84 1.12 0.00	28.55 1.02 0.00	26.50 1.06 0.00	24.45 0.98 0.00	26.64 0.88 0.00	48.51 1.78 0.00	37.44 1.51 0.00	40.44 2.32 0.00	39.04 2.21 0.00	39.79 2.00 0.00	37.84 1.93 0.00	42.37 2.04 0.00	39.87 1.80 0.00	37.61 1.45 0.00	31.92 1.32 0.00	29.29 1.24 0.00	26.81 1.19 0.00	28.46 1.42 0.00	31.40 1.80 0.00	35.05 1.92 0.00	31.83 1.76 0.00	40.57 1.80 0.00	35.73 1.14 0.00	25.64 0.84 0.00
HUDSON_AVE_GT_4 23540	29.84 1.12 0.00	28.55 1.02 0.00	26.50 1.06 0.00	24.45 0.98 0.00	26.64 0.88 0.00	48.51 1.78 0.00	37.44 1.51 0.00	40.44 2.32 0.00	39.04 2.21 0.00	39.79 2.00 0.00	37.84 1.93 0.00	42.37 2.04 0.00	39.87 1.80 0.00	37.61 1.45 0.00	31.92 1.32 0.00	29.29 1.24 0.00	26.81 1.19 0.00	28.46 1.42 0.00	31.40 1.80 0.00	35.05 1.92 0.00	31.83 1.76 0.00	40.57 1.80 0.00	35.73 1.14 0.00	25.64 0.84 0.00
HUDSON_AVE_GT_5 23657	29.84 1.12 0.00	28.55 1.02 0.00	26.50 1.06 0.00	24.45 0.98 0.00	26.64 0.88 0.00	48.51 1.78 0.00	37.44 1.51 0.00	40.44 2.32 0.00	39.04 2.21 0.00	39.79 2.00 0.00	37.84 1.93 0.00	42.37 2.04 0.00	39.87 1.80 0.00	37.61 1.45 0.00	31.92 1.32 0.00	29.29 1.24 0.00	26.81 1.19 0.00	28.46 1.42 0.00	31.40 1.80 0.00	35.05 1.92 0.00	31.83 1.76 0.00	40.57 1.80 0.00	35.73 1.14 0.00	25.64 0.84 0.00
HUDSON_AVE_10 24168	29.76 1.04 0.00	28.47 0.95 0.00	26.42 0.98 0.00	24.37 0.90 0.00	26.55 0.80 0.00	48.34 1.61 0.00	37.32 1.40 0.00	40.30 2.17 0.00	38.92 2.09 0.00	39.66 1.87 0.00	37.70 1.79 0.00	42.21 1.87 0.00	39.72 1.65 0.00	37.47 1.31 0.00	31.81 1.21 0.00	29.18 1.13 0.00	26.72 1.10 0.00	28.36 1.32 0.00	31.29 1.69 0.00	34.94 1.80 0.00	31.73 1.65 0.00	40.45 1.69 0.00	35.61 1.03 0.00	25.55 0.75 0.00
HUDSON___115KV_TB 4 355613	29.24 0.53 0.00	28.04 0.51 0.00	25.98 0.54 0.00	24.02 0.55 0.00	26.33 0.57 0.00	47.84 1.10 0.00	36.90 0.97 0.00	39.54 1.41 0.00	38.20 1.37 0.00	39.22 1.43 0.00	37.13 1.22 0.00	41.62 1.29 0.00	39.15 1.07 0.00	36.93 0.78 0.00	31.24 0.64 0.00	28.56 0.51 0.00	26.17 0.54 0.00	27.85 0.81 0.00	30.78 1.18 0.00	34.41 1.28 0.00	31.14 1.07 0.00	39.92 1.15 0.00	35.26 0.68 0.00	25.23 0.42 0.00
HUNTER MOUNT___DRP 323613	29.39 0.67 0.00	28.17 0.65 0.00	26.10 0.66 0.00	24.14 0.67 0.00	26.48 0.73 0.00	48.14 1.41 0.00	37.14 1.22 0.00	39.78 1.65 0.00	38.45 1.61 0.00	39.49 1.71 0.00	37.36 1.44 0.00	41.91 1.58 0.00	39.39 1.32 0.00	37.15 0.99 0.00	31.42 0.82 0.00	28.66 0.61 0.00	26.27 0.65 0.00	28.02 0.98 0.00	30.97 1.37 0.00	34.63 1.50 0.00	31.32 1.24 0.00	40.17 1.41 0.00	35.47 0.89 0.00	25.37 0.56 0.00
HUNTINGTON_RES_REC 323705	30.07 1.36 0.00	28.81 1.29 0.00	26.75 1.31 0.00	24.73 1.26 0.00	26.76 1.01 0.00	48.62 1.90 0.00	37.16 1.24 0.00	40.50 2.37 0.00	39.20 2.37 0.00	39.84 2.06 0.00	38.06 2.16 0.01	41.86 1.53 0.00	39.95 1.88 0.01	37.76 1.88 0.28	32.23 1.62 -0.01	29.43 1.39 0.01	26.81 1.18 0.00	28.11 1.07 0.00	31.20 1.60 0.00	34.91 1.78 0.00	31.71 1.63 0.00	40.32 1.55 0.00	35.65 1.06 0.00	25.51 0.70 0.00
HUNTLEY___63 23557	29.08 0.36 0.00	28.28 0.75 0.00	26.55 1.11 0.00	24.48 1.01 0.00	27.14 1.38 0.00	48.70 1.97 0.00	37.47 1.55 0.00	39.55 1.43 0.00	38.34 1.50 0.00	39.37 1.59 0.00	37.55 1.64 0.00	42.75 2.42 0.00	40.04 1.96 0.00	37.81 1.65 0.00	31.62 1.03 0.00	28.99 0.94 0.00	26.18 0.56 0.00	27.71 0.67 0.00	30.15 0.55 0.00	33.58 0.44 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.91 0.32 0.00	25.24 0.43 0.00
HUNTLEY___64 23558	29.08 0.36 0.00	28.28 0.75 0.00	26.55 1.11 0.00	24.48 1.01 0.00	27.14 1.38 0.00	48.70 1.97 0.00	37.47 1.55 0.00	39.55 1.43 0.00	38.34 1.50 0.00	39.37 1.59 0.00	37.55 1.64 0.00	42.75 2.42 0.00	40.04 1.96 0.00	37.81 1.65 0.00	31.62 1.03 0.00	28.99 0.94 0.00	26.18 0.56 0.00	27.71 0.67 0.00	30.15 0.55 0.00	33.58 0.44 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.91 0.32 0.00	25.24 0.43 0.00
HUNTLEY___65 23559	29.08 0.36 0.00	28.28 0.75 0.00	26.55 1.11 0.00	24.48 1.01 0.00	27.14 1.38 0.00	48.70 1.97 0.00	37.47 1.55 0.00	39.55 1.43 0.00	38.34 1.50 0.00	39.37 1.59 0.00	37.55 1.64 0.00	42.75 2.42 0.00	40.04 1.96 0.00	37.81 1.65 0.00	31.62 1.03 0.00	28.99 0.94 0.00	26.18 0.56 0.00	27.71 0.67 0.00	30.15 0.55 0.00	33.58 0.44 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.91 0.32 0.00	25.24 0.43 0.00
HUNTLEY___66 23560	29.08 0.36 0.00	28.28 0.75 0.00	26.55 1.11 0.00	24.48 1.01 0.00	27.14 1.38 0.00	48.70 1.97 0.00	37.47 1.55 0.00	39.55 1.43 0.00	38.34 1.50 0.00	39.37 1.59 0.00	37.55 1.64 0.00	42.75 2.42 0.00	40.04 1.96 0.00	37.81 1.65 0.00	31.62 1.03 0.00	28.99 0.94 0.00	26.18 0.56 0.00	27.71 0.67 0.00	30.15 0.55 0.00	33.58 0.44 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.91 0.32 0.00	25.24 0.43 0.00
HUNTLEY___67 23561	28.91 0.20 0.00	28.10 0.58 0.00	26.37 0.94 0.00	24.32 0.85 0.00	26.94 1.18 0.00	48.36 1.63 0.00	37.24 1.32 0.00	39.35 1.22 0.00	38.10 1.26 0.00	39.14 1.35 0.00	37.31 1.40 0.00	42.47 2.14 0.00	39.77 1.69 0.00	37.52 1.37 0.00	31.41 0.81 0.00	28.77 0.71 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.96 0.36 0.00	33.33 0.20 0.00	30.21 0.13 0.00	38.77 0.01 0.00	34.66 0.07 0.00	25.05 0.24 0.00

HUNTLEY___68 23562	28.91 0.20 0.00	28.10 0.58 0.00	26.37 0.94 0.00	24.32 0.85 0.00	26.94 1.18 0.00	48.36 1.63 0.00	37.24 1.32 0.00	39.35 1.22 0.00	38.10 1.26 0.00	39.14 1.35 0.00	37.31 1.40 0.00	42.47 2.14 0.00	39.77 1.69 0.00	37.52 1.37 0.00	31.41 0.81 0.00	28.77 0.71 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.96 0.36 0.00	33.33 0.20 0.00	30.21 0.13 0.00	38.77 0.01 0.00	34.66 0.07 0.00	25.05 0.24 0.00
HYLAND___LFGE 323620	30.73 2.01 0.00	29.54 2.02 0.00	27.61 2.17 0.00	25.47 2.00 0.00	28.08 2.32 0.00	51.02 4.29 0.00	39.68 3.76 0.00	42.48 4.35 0.00	40.85 4.01 0.00	41.35 3.56 0.00	39.08 3.17 0.00	43.85 3.52 0.00	41.20 3.13 0.00	39.16 3.00 0.00	32.78 2.18 0.00	29.71 1.66 0.00	27.19 1.57 0.00	29.16 2.12 0.00	32.29 2.69 0.00	35.87 2.74 0.00	32.64 2.56 0.00	41.79 3.02 0.00	36.90 2.31 0.00	26.46 1.65 0.00
INDECK___CORINTH 23802	29.59 0.87 0.00	28.36 0.84 0.00	26.46 1.02 0.00	24.31 0.84 0.00	26.68 0.92 0.00	48.41 1.68 0.00	37.34 1.42 0.00	40.06 1.92 0.00	38.45 1.62 0.00	39.78 1.99 0.00	38.06 2.15 0.00	42.44 2.11 0.00	39.60 1.53 0.00	37.01 0.86 0.00	31.34 0.75 0.00	28.73 0.68 0.00	26.45 0.82 0.00	28.19 1.15 0.00	31.06 1.46 0.00	34.63 1.50 0.00	31.26 1.18 0.00	39.91 1.15 0.00	35.25 0.67 0.00	25.28 0.48 0.00
INDECK___ILION 23567	28.61 -0.11 0.00	27.42 -0.11 0.00	25.42 -0.01 0.00	23.54 0.07 0.00	25.75 -0.01 0.00	46.70 -0.03 0.00	36.05 0.13 0.00	38.60 0.47 0.00	37.17 0.34 0.00	38.13 0.35 0.00	36.21 0.30 0.00	40.65 0.31 0.00	38.23 0.16 0.00	36.13 -0.02 0.00	30.56 -0.04 0.00	27.99 -0.06 0.00	25.68 0.05 0.00	27.23 0.19 0.00	29.98 0.37 0.00	33.48 0.35 0.00	30.34 0.26 0.00	38.96 0.19 0.00	34.48 -0.10 0.00	24.68 -0.12 0.00
INDECK___OLEAN 23982	29.99 1.27 0.00	28.92 1.40 0.00	27.16 1.72 0.00	25.03 1.56 0.00	27.50 1.74 0.00	49.59 2.86 0.00	38.49 2.57 0.00	41.25 3.12 0.00	39.73 2.89 0.00	40.70 2.91 0.00	38.93 3.02 0.00	44.33 4.00 0.00	41.45 3.38 0.00	39.19 3.04 0.00	32.88 2.28 0.00	30.11 2.06 0.00	27.10 1.48 0.00	28.81 1.77 0.00	31.44 1.84 0.00	34.65 1.52 0.00	31.35 1.27 0.00	40.27 1.50 0.00	35.79 1.21 0.00	25.93 1.12 0.00
INDECK___OSWEGO 23783	28.03 -0.69 0.00	26.91 -0.62 0.00	24.94 -0.49 0.00	23.04 -0.43 0.00	25.31 -0.45 0.00	45.92 -0.81 0.00	35.30 -0.62 0.00	37.38 -0.75 0.00	36.16 -0.67 0.00	37.08 -0.71 0.00	35.24 -0.67 0.00	39.62 -0.71 0.00	37.30 -0.78 0.00	35.31 -0.84 0.00	29.83 -0.77 0.00	27.34 -0.70 0.00	24.96 -0.67 0.00	26.38 -0.66 0.00	28.96 -0.64 0.00	32.61 -0.53 0.00	29.59 -0.49 0.00	38.01 -0.76 0.00	33.82 -0.76 0.00	24.34 -0.46 0.00
INDECK___YERKES 23781	29.10 0.38 0.00	28.27 0.74 0.00	26.58 1.14 0.00	24.51 1.04 0.00	27.17 1.41 0.00	48.77 2.04 0.00	37.52 1.60 0.00	39.60 1.47 0.00	38.37 1.54 0.00	39.42 1.64 0.00	37.58 1.67 0.00	42.81 2.47 0.00	40.09 2.01 0.00	37.85 1.69 0.00	31.66 1.07 0.00	29.03 0.97 0.00	26.22 0.59 0.00	27.74 0.71 0.00	30.19 0.59 0.00	33.61 0.48 0.00	30.47 0.39 0.00	39.09 0.33 0.00	34.94 0.35 0.00	25.28 0.47 0.00
INDIAN POINT_GT_1 24139	29.70 0.98 0.00	28.43 0.91 0.00	26.39 0.95 0.00	24.37 0.90 0.00	26.56 0.80 0.00	48.35 1.62 0.00	37.29 1.37 0.00	40.26 2.13 0.00	38.84 2.01 0.00	39.60 1.82 0.00	37.65 1.74 0.00	42.11 1.78 0.00	39.65 1.57 0.00	37.41 1.25 0.00	31.72 1.12 0.00	29.11 1.06 0.00	26.63 1.01 0.00	28.26 1.22 0.00	31.20 1.60 0.00	34.82 1.69 0.00	31.61 1.54 0.00	40.35 1.58 0.00	35.57 0.98 0.00	25.52 0.71 0.00
INDIAN POINT_GT_2 23659	29.70 0.98 0.00	28.43 0.91 0.00	26.39 0.95 0.00	24.37 0.90 0.00	26.56 0.80 0.00	48.35 1.62 0.00	37.29 1.37 0.00	40.26 2.13 0.00	38.84 2.01 0.00	39.60 1.82 0.00	37.65 1.74 0.00	42.11 1.78 0.00	39.65 1.57 0.00	37.41 1.25 0.00	31.72 1.12 0.00	29.11 1.06 0.00	26.63 1.01 0.00	28.26 1.22 0.00	31.20 1.60 0.00	34.82 1.69 0.00	31.61 1.54 0.00	40.35 1.58 0.00	35.57 0.98 0.00	25.52 0.71 0.00
INDIAN POINT_GT_3 24019	29.70 0.98 0.00	28.43 0.91 0.00	26.39 0.95 0.00	24.37 0.90 0.00	26.56 0.80 0.00	48.35 1.62 0.00	37.29 1.37 0.00	40.26 2.13 0.00	38.84 2.01 0.00	39.60 1.82 0.00	37.65 1.74 0.00	42.11 1.78 0.00	39.65 1.57 0.00	37.41 1.25 0.00	31.72 1.12 0.00	29.11 1.06 0.00	26.63 1.01 0.00	28.26 1.22 0.00	31.20 1.60 0.00	34.82 1.69 0.00	31.61 1.54 0.00	40.35 1.58 0.00	35.57 0.98 0.00	25.52 0.71 0.00
INDIAN POINT___2 23530	29.72 1.00 0.00	28.46 0.94 0.00	26.41 0.97 0.00	24.38 0.91 0.00	26.58 0.82 0.00	48.37 1.64 0.00	37.32 1.40 0.00	40.28 2.15 0.00	38.88 2.04 0.00	39.63 1.85 0.00	37.68 1.77 0.00	42.15 1.82 0.00	39.68 1.61 0.00	37.45 1.29 0.00	31.75 1.15 0.00	29.14 1.09 0.00	26.66 1.03 0.00	28.28 1.24 0.00	31.23 1.63 0.00	34.84 1.71 0.00	31.64 1.56 0.00	40.37 1.61 0.00	35.59 1.01 0.00	25.52 0.72 0.00
INDIAN POINT___3 23531	29.62 0.90 0.00	28.38 0.86 0.00	26.34 0.91 0.00	24.33 0.86 0.00	26.51 0.75 0.00	48.26 1.53 0.00	37.21 1.29 0.00	40.17 2.03 0.00	38.72 1.89 0.00	39.46 1.67 0.00	37.53 1.62 0.00	42.00 1.67 0.00	39.54 1.47 0.00	37.33 1.18 0.00	31.64 1.04 0.00	29.04 0.99 0.00	26.57 0.94 0.00	28.19 1.15 0.00	31.12 1.52 0.00	34.72 1.59 0.00	31.52 1.44 0.00	40.23 1.46 0.00	35.49 0.91 0.00	25.46 0.65 0.00
INGHAM_C_115KV_TB7 356103	28.15 -0.57 0.00	26.97 -0.55 0.00	25.10 -0.34 0.00	23.33 -0.14 0.00	25.43 -0.33 0.00	46.07 -0.67 0.00	35.73 -0.19 0.00	38.57 0.44 0.00	37.01 0.17 0.00	38.00 0.22 0.00	36.04 0.13 0.00	40.42 0.09 0.00	37.91 -0.17 0.00	35.66 -0.50 0.00	30.14 -0.46 0.00	27.58 -0.47 0.00	25.43 -0.20 0.00	27.10 0.06 0.00	30.00 0.40 0.00	33.44 0.30 0.00	30.24 0.16 0.00	38.72 -0.04 0.00	34.05 -0.53 0.00	24.30 -0.51 0.00
IP CORINTH___1 23988	29.59 0.87 0.00	28.35 0.83 0.00	26.46 1.02 0.00	24.31 0.84 0.00	26.68 0.92 0.00	48.41 1.68 0.00	37.34 1.42 0.00	40.06 1.93 0.00	38.46 1.62 0.00	39.78 1.99 0.00	38.07 2.15 0.00	42.44 2.11 0.00	39.60 1.52 0.00	37.01 0.86 0.00	31.34 0.74 0.00	28.73 0.68 0.00	26.45 0.82 0.00	28.19 1.15 0.00	31.06 1.46 0.00	34.63 1.50 0.00	31.26 1.18 0.00	39.91 1.15 0.00	35.25 0.67 0.00	25.28 0.48 0.00
IP___TICONDEROGA 23804	30.62 1.91 0.00	29.39 1.87 0.00	27.43 1.99 0.00	25.32 1.85 0.00	27.82 2.06 0.00	50.79 4.06 0.00	39.69 3.77 0.00	42.65 4.52 0.00	40.61 3.77 0.00	42.10 4.32 0.00	40.33 4.43 0.00	44.79 4.46 0.00	41.56 3.49 0.00	38.27 2.12 0.00	32.63 2.03 0.00	29.72 1.67 0.00	27.70 2.08 0.00	29.91 2.87 0.00	33.29 3.69 0.00	36.84 3.71 0.00	32.89 2.81 0.00	41.70 2.93 0.00	36.49 1.91 0.00	26.34 1.54 0.00

ISLIP_RES_REC 323679	30.40 1.69 0.00	29.08 1.56 0.00	27.01 1.57 0.00	25.00 1.53 0.00	27.02 1.26 0.00	49.12 2.39 0.00	37.45 1.53 0.00	40.97 2.84 0.00	39.71 2.88 0.00	40.38 2.59 0.00	38.54 2.64 0.01	42.31 1.98 0.00	40.47 2.40 0.01	38.16 2.27 0.27	32.46 1.84 -0.02	29.69 1.64 0.01	27.09 1.46 0.00	28.43 1.40 0.00	31.56 1.96 0.00	35.32 2.18 0.00	32.08 2.00 0.00	40.73 1.96 0.00	36.04 1.45 0.00	25.72 0.92 0.00
JAMAICA__27_KV_LOAD 355505	29.94 1.23 0.00	28.65 1.13 0.00	26.57 1.14 0.00	24.51 1.04 0.00	26.68 0.92 0.00	48.57 1.84 0.00	37.52 1.60 0.00	40.50 2.37 0.00	39.10 2.27 0.00	39.85 2.06 0.00	37.87 1.96 0.00	42.41 2.08 0.00	39.87 1.79 0.00	37.62 1.46 0.00	31.93 1.33 0.00	29.27 1.22 0.00	26.82 1.20 0.00	28.50 1.46 0.00	31.40 1.80 0.00	35.08 1.94 0.00	31.87 1.80 0.00	40.66 1.89 0.00	35.77 1.19 0.00	25.67 0.87 0.00
JANIS___SOLAR 323808	29.99 1.28 0.00	28.68 1.16 0.00	26.71 1.27 0.00	24.59 1.12 0.00	27.09 1.33 0.00	49.27 2.54 0.00	38.06 2.14 0.00	40.50 2.37 0.00	39.13 2.29 0.00	40.01 2.22 0.00	38.01 2.10 0.00	42.61 2.28 0.00	39.93 1.86 0.00	37.79 1.63 0.00	31.93 1.34 0.00	29.37 1.32 0.00	26.81 1.18 0.00	28.51 1.47 0.00	31.45 1.85 0.00	35.58 2.44 0.00	32.27 2.19 0.00	41.36 2.60 0.00	36.60 2.01 0.00	26.27 1.47 0.00
JARVIS____ 23743	28.80 0.08 0.00	27.60 0.08 0.00	25.55 0.11 0.00	23.59 0.12 0.00	25.86 0.10 0.00	46.94 0.21 0.00	36.11 0.19 0.00	38.46 0.33 0.00	37.12 0.29 0.00	38.06 0.27 0.00	36.18 0.26 0.00	40.62 0.29 0.00	38.29 0.21 0.00	36.29 0.13 0.00	30.69 0.10 0.00	28.12 0.07 0.00	25.73 0.10 0.00	27.18 0.14 0.00	29.82 0.22 0.00	33.36 0.22 0.00	30.26 0.18 0.00	38.93 0.16 0.00	34.60 0.01 0.00	24.81 0.01 0.00
JENNISON___1 23625	30.54 1.82 0.00	29.14 1.61 0.00	27.20 1.76 0.00	25.03 1.56 0.00	27.45 1.69 0.00	49.93 3.20 0.00	38.62 2.70 0.00	41.44 3.31 0.00	40.01 3.18 0.00	40.84 3.05 0.00	39.00 3.09 0.00	43.91 3.58 0.00	41.12 3.05 0.00	38.90 2.74 0.00	32.88 2.29 0.00	30.19 2.14 0.00	27.47 1.84 0.00	29.24 2.20 0.00	32.13 2.53 0.00	35.67 2.53 0.00	32.31 2.24 0.00	41.42 2.66 0.00	36.66 2.07 0.00	26.31 1.50 0.00
JENNISON___2 23626	30.54 1.82 0.00	29.14 1.61 0.00	27.20 1.76 0.00	25.03 1.56 0.00	27.45 1.69 0.00	49.93 3.20 0.00	38.62 2.70 0.00	41.44 3.31 0.00	40.01 3.18 0.00	40.84 3.05 0.00	39.00 3.09 0.00	43.91 3.58 0.00	41.12 3.05 0.00	38.90 2.74 0.00	32.88 2.29 0.00	30.19 2.14 0.00	27.47 1.84 0.00	29.24 2.20 0.00	32.13 2.53 0.00	35.67 2.53 0.00	32.31 2.24 0.00	41.42 2.66 0.00	36.66 2.07 0.00	26.31 1.50 0.00
JERICHO_RISE_WT_PWR 323719	-14.63 -0.88 42.46	10.09 -0.84 16.59	24.57 -0.86 0.00	22.57 -0.90 0.00	13.38 -0.90 11.47	45.11 -1.62 0.00	34.78 -1.14 0.00	36.29 -1.83 0.00	35.01 -1.83 0.00	36.17 -1.62 0.00	34.30 -1.62 0.00	38.37 -1.96 0.00	36.49 -1.59 0.00	35.00 -1.16 0.00	21.80 -0.77 8.03	23.36 -0.74 3.95	24.93 -0.70 0.00	26.05 -0.98 0.00	28.34 -1.26 0.00	31.91 -1.22 0.00	29.45 -0.63 0.00	38.69 -0.07 0.00	35.01 0.42 0.00	25.13 0.32 0.00
KATONAH__115KV_46KV_TB4 355592	29.82 1.11 0.00	28.56 1.03 0.00	26.50 1.06 0.00	24.48 1.01 0.00	26.69 0.93 0.00	48.63 1.90 0.00	37.53 1.61 0.00	40.51 2.38 0.00	39.09 2.26 0.00	39.87 2.09 0.00	37.90 1.99 0.00	42.40 2.07 0.00	39.89 1.82 0.00	37.63 1.47 0.00	31.89 1.29 0.00	29.26 1.22 0.00	26.79 1.16 0.00	28.42 1.38 0.00	31.38 1.78 0.00	35.03 1.90 0.00	31.79 1.71 0.00	40.57 1.81 0.00	35.76 1.17 0.00	25.64 0.83 0.00
KCE_NY_1 323755	29.61 0.90 0.00	28.36 0.84 0.00	26.31 0.87 0.00	24.31 0.83 0.00	26.64 0.88 0.00	48.43 1.70 0.00	37.29 1.37 0.00	39.99 1.86 0.00	38.53 1.69 0.00	39.67 1.89 0.00	37.72 1.82 0.00	42.17 1.84 0.00	39.60 1.53 0.00	37.23 1.07 0.00	31.44 0.84 0.00	28.85 0.80 0.00	26.47 0.84 0.00	28.14 1.10 0.00	31.01 1.41 0.00	34.57 1.43 0.00	31.27 1.19 0.00	40.10 1.34 0.00	35.43 0.85 0.00	25.41 0.60 0.00
KCE_NY_6_ESR 323823	29.41 0.70 0.00	28.50 0.98 0.00	26.78 1.34 0.00	24.70 1.23 0.00	27.34 1.58 0.00	49.13 2.39 0.00	37.89 1.97 0.00	40.11 1.98 0.00	38.83 2.00 0.00	39.88 2.09 0.00	38.02 2.11 0.00	43.27 2.94 0.00	40.51 2.43 0.00	38.23 2.07 0.00	31.99 1.39 0.00	29.30 1.25 0.00	26.43 0.80 0.00	28.00 0.96 0.00	30.49 0.88 0.00	33.91 0.78 0.00	30.74 0.66 0.00	39.48 0.71 0.00	35.23 0.64 0.00	25.47 0.66 0.00
KEDC_PORT_JEFF_GT2 24210	30.23 1.51 0.00	28.92 1.40 0.00	26.87 1.43 0.00	24.87 1.40 0.00	26.88 1.12 0.00	48.85 2.12 0.00	37.23 1.31 0.00	40.70 2.57 0.00	39.44 2.60 0.00	40.08 2.30 0.00	38.27 2.36 0.01	42.03 1.70 0.00	40.19 2.12 0.01	37.93 2.06 0.29	32.29 1.69 -0.01	29.53 1.48 0.01	26.94 1.31 0.00	28.20 1.16 0.00	31.28 1.68 0.00	34.99 1.86 0.00	31.86 1.78 0.00	40.47 1.71 0.00	35.82 1.24 0.00	25.59 0.78 0.00
KEDC_PORT_JEFF_GT3 24211	30.23 1.51 0.00	28.92 1.40 0.00	26.87 1.43 0.00	24.87 1.40 0.00	26.88 1.12 0.00	48.85 2.12 0.00	37.23 1.31 0.00	40.70 2.57 0.00	39.44 2.60 0.00	40.08 2.30 0.00	38.27 2.36 0.01	42.03 1.70 0.00	40.19 2.12 0.01	37.93 2.06 0.29	32.29 1.69 -0.01	29.53 1.48 0.01	26.94 1.31 0.00	28.20 1.16 0.00	31.28 1.68 0.00	34.99 1.86 0.00	31.86 1.78 0.00	40.47 1.71 0.00	35.82 1.24 0.00	25.59 0.78 0.00
KEDC_GLWD_GT4 24219	29.98 1.26 0.00	28.71 1.18 0.00	26.63 1.19 0.00	24.60 1.13 0.00	26.74 0.99 0.00	48.64 1.91 0.00	37.47 1.55 0.00	40.60 2.47 0.00	39.21 2.38 0.00	39.93 2.15 0.00	38.09 2.18 0.00	42.33 2.00 0.00	40.05 1.98 0.00	38.41 1.78 -0.48	32.59 1.53 -0.47	29.40 1.35 0.00	26.82 1.19 0.00	28.39 1.35 0.00	31.41 1.81 0.00	35.10 1.96 0.00	31.85 1.77 0.00	40.58 1.82 0.00	35.79 1.20 0.00	25.64 0.84 0.00
KEDC_GLWD_GT5 24220	29.98 1.26 0.00	28.71 1.18 0.00	26.63 1.19 0.00	24.60 1.13 0.00	26.74 0.99 0.00	48.64 1.91 0.00	37.47 1.55 0.00	40.60 2.47 0.00	39.21 2.38 0.00	39.93 2.15 0.00	38.09 2.18 0.00	42.33 2.00 0.00	40.05 1.98 0.00	38.41 1.78 -0.48	32.59 1.53 -0.47	29.40 1.35 0.00	26.82 1.19 0.00	28.39 1.35 0.00	31.41 1.81 0.00	35.10 1.96 0.00	31.85 1.77 0.00	40.58 1.82 0.00	35.79 1.20 0.00	25.64 0.84 0.00
KENSICO____ 23655	29.72 1.00 0.00	28.45 0.93 0.00	26.41 0.97 0.00	24.39 0.91 0.00	26.58 0.82 0.00	48.38 1.65 0.00	37.32 1.40 0.00	40.29 2.16 0.00	38.88 2.04 0.00	39.64 1.85 0.00	37.69 1.78 0.00	42.16 1.83 0.00	39.69 1.61 0.00	37.44 1.29 0.00	31.75 1.15 0.00	29.13 1.08 0.00	26.66 1.03 0.00	28.28 1.24 0.00	31.23 1.63 0.00	34.85 1.72 0.00	31.64 1.56 0.00	40.37 1.61 0.00	35.59 1.01 0.00	25.53 0.72 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	30.30 1.59 0.00	29.01 1.48 0.00	26.93 1.49 0.00	24.87 1.40 0.00	27.14 1.38 0.00	49.47 2.73 0.00	38.20 2.28 0.00	41.24 3.11 0.00	39.80 2.97 0.00	40.51 2.73 0.00	38.45 2.54 0.00	42.92 2.59 0.00	40.31 2.24 0.00	38.09 1.93 0.00	32.24 1.64 0.00	29.65 1.60 0.00	27.14 1.52 0.00	28.82 1.77 0.00	31.88 2.28 0.00	35.62 2.49 0.00	32.33 2.25 0.00	41.27 2.51 0.00	36.36 1.78 0.00	26.05 1.25 0.00
KIAC_JFK_GT1 23816	29.77 1.05 0.00	28.48 0.96 0.00	26.42 0.98 0.00	24.37 0.90 0.00	26.52 0.77 0.00	48.28 1.55 0.00	37.29 1.37 0.00	40.23 2.10 0.00	38.87 2.03 0.00	39.61 1.83 0.00	37.63 1.72 0.00	42.14 1.81 0.00	39.62 1.55 0.00	37.38 1.22 0.00	31.74 1.14 0.00	29.10 1.05 0.00	26.67 1.04 0.00	28.33 1.29 0.00	31.21 1.61 0.00	34.86 1.73 0.00	31.67 1.60 0.00	40.40 1.64 0.00	35.56 0.97 0.00	25.52 0.72 0.00
KIAC_JFK_GT2 23817	29.77 1.05 0.00	28.48 0.96 0.00	26.42 0.98 0.00	24.37 0.90 0.00	26.52 0.77 0.00	48.28 1.55 0.00	37.29 1.37 0.00	40.23 2.10 0.00	38.87 2.03 0.00	39.61 1.83 0.00	37.63 1.72 0.00	42.14 1.81 0.00	39.62 1.55 0.00	37.38 1.22 0.00	31.74 1.14 0.00	29.10 1.05 0.00	26.67 1.04 0.00	28.33 1.29 0.00	31.21 1.61 0.00	34.86 1.73 0.00	31.67 1.60 0.00	40.40 1.64 0.00	35.56 0.97 0.00	25.52 0.72 0.00
KIAC_JFK____ 323774	29.77 1.05 0.00	28.49 0.97 0.00	26.42 0.98 0.00	24.37 0.90 0.00	26.52 0.77 0.00	48.28 1.55 0.00	37.29 1.37 0.00	40.23 2.10 0.00	38.86 2.03 0.00	39.61 1.83 0.00	37.64 1.73 0.00	42.15 1.82 0.00	39.62 1.55 0.00	37.38 1.23 0.00	31.74 1.14 0.00	29.10 1.05 0.00	26.67 1.04 0.00	28.33 1.29 0.00	31.21 1.61 0.00	34.86 1.72 0.00	31.67 1.60 0.00	40.40 1.64 0.00	35.56 0.97 0.00	25.52 0.71 0.00
KINTIGH____ 23543	28.51 -0.20 0.00	27.68 0.15 0.00	25.93 0.49 0.00	23.91 0.43 0.00	26.46 0.70 0.00	47.56 0.83 0.00	36.62 0.69 0.00	38.71 0.58 0.00	37.47 0.64 0.00	38.51 0.73 0.00	36.68 0.77 0.00	41.68 1.35 0.00	39.06 0.99 0.00	36.88 0.72 0.00	30.91 0.32 0.00	28.32 0.27 0.00	25.61 -0.02 0.00	27.14 0.10 0.00	29.60 0.00 0.00	32.98 -0.16 0.00	29.87 -0.21 0.00	38.35 -0.42 0.00	34.25 -0.34 0.00	24.72 -0.09 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-12.67 -0.76 40.63	10.84 -0.81 15.88	24.67 -0.77 0.00	22.66 -0.81 0.00	13.95 -0.83 10.97	45.28 -1.45 0.00	35.19 -0.73 0.00	36.73 -1.40 0.00	35.29 -1.54 0.00	36.65 -1.13 0.00	34.64 -1.27 0.00	38.60 -1.73 0.00	36.73 -1.34 0.00	35.17 -0.99 0.00	22.09 -0.47 8.03	23.53 -0.57 3.95	25.11 -0.52 0.00	26.23 -0.80 0.00	28.55 -1.05 0.00	32.11 -1.02 0.00	29.76 -0.32 0.00	39.39 0.62 0.00	35.69 1.10 0.00	25.67 0.87 0.00
LACHUTE____HYDRO 323717	30.63 1.91 0.00	29.39 1.87 0.00	27.43 1.99 0.00	25.32 1.84 0.00	27.82 2.06 0.00	50.79 4.06 0.00	39.69 3.77 0.00	42.65 4.52 0.00	40.61 3.77 0.00	42.10 4.32 0.00	40.33 4.42 0.00	44.79 4.46 0.00	41.56 3.48 0.00	38.27 2.12 0.00	32.63 2.03 0.00	29.72 1.67 0.00	27.70 2.07 0.00	29.91 2.87 0.00	33.29 3.69 0.00	36.84 3.71 0.00	32.89 2.81 0.00	41.70 2.93 0.00	36.49 1.91 0.00	26.34 1.54 0.00
LAWRNCALV_115KV_TB1 80681	33.31 -0.02 -4.61	29.27 -0.06 -1.80	25.13 -0.31 0.00	23.10 -0.37 0.00	26.73 -0.28 -1.25	45.80 -0.93 0.00	34.87 -1.05 0.00	36.49 -1.64 0.00	35.42 -1.42 0.00	36.52 -1.27 0.00	34.66 -1.25 0.00	38.98 -1.35 0.00	37.04 -1.04 0.00	35.41 -0.75 0.00	30.04 -0.56 0.00	27.59 -0.46 0.00	25.12 -0.51 0.00	26.27 -0.77 0.00	28.61 -1.00 0.00	32.18 -0.95 0.00	29.37 -0.71 0.00	38.17 -0.59 0.00	34.63 0.05 0.00	24.83 0.02 0.00
LEDERLE____ 23769	29.76 1.05 0.00	28.53 1.01 0.00	26.49 1.05 0.00	24.46 0.98 0.00	26.66 0.90 0.00	48.52 1.79 0.00	37.40 1.48 0.00	40.39 2.26 0.00	38.92 2.08 0.00	39.61 1.83 0.00	37.71 1.81 0.00	42.23 1.90 0.00	39.76 1.69 0.00	37.56 1.40 0.00	31.83 1.23 0.00	29.22 1.17 0.00	26.72 1.09 0.00	28.35 1.31 0.00	31.30 1.70 0.00	34.91 1.78 0.00	31.68 1.61 0.00	40.45 1.69 0.00	35.68 1.10 0.00	25.59 0.78 0.00
LIGHTHSE_115KV_TB6 355974	28.47 -0.25 0.00	27.29 -0.23 0.00	25.25 -0.18 0.00	23.32 -0.15 0.00	25.61 -0.15 0.00	46.53 -0.20 0.00	35.77 -0.15 0.00	37.71 -0.42 0.00	36.66 -0.18 0.00	37.62 -0.16 0.00	35.67 -0.23 0.00	40.05 -0.28 0.00	37.65 -0.42 0.00	35.63 -0.52 0.00	30.09 -0.51 0.00	27.59 -0.46 0.00	25.18 -0.45 0.00	26.60 -0.44 0.00	29.24 -0.36 0.00	33.06 -0.08 0.00	30.10 0.02 0.00	38.67 -0.10 0.00	34.43 -0.15 0.00	24.70 -0.10 0.00
LINDEN COGEN____ 23786	29.62 0.91 0.00	28.37 0.85 0.00	26.34 0.90 0.00	24.31 0.83 0.00	26.47 0.72 0.00	48.16 1.43 0.00	37.15 1.23 0.00	40.15 2.02 0.00	38.73 1.90 0.00	39.42 1.64 0.00	37.52 1.61 0.00	41.99 1.66 0.00	39.53 1.45 0.00	37.31 1.15 0.00	31.67 1.07 0.00	29.07 1.02 0.00	26.61 0.98 0.00	28.24 1.20 0.00	31.17 1.57 0.00	34.80 1.66 0.00	31.59 1.52 0.00	40.27 1.51 0.00	35.48 0.89 0.00	25.46 0.65 0.00
LINDHRST_69_KV_BK1 356055	30.32 1.60 0.00	29.01 1.49 0.00	26.91 1.48 0.00	24.88 1.41 0.00	26.96 1.20 0.00	49.02 2.29 0.00	37.55 1.63 0.00	40.91 2.79 0.00	39.59 2.75 0.00	40.21 2.43 0.00	38.42 2.52 0.00	42.30 1.97 0.00	40.36 2.28 0.00	38.35 2.19 -0.01	32.63 1.85 -0.19	29.64 1.59 0.00	26.98 1.35 0.00	28.42 1.38 0.00	31.56 1.96 0.00	35.32 2.19 0.00	32.06 1.99 0.00	40.75 1.99 0.00	35.98 1.40 0.00	25.76 0.95 0.00
LIPA_MISC_IPP 23656	30.13 1.41 0.00	28.83 1.31 0.00	26.82 1.38 0.00	24.85 1.38 0.00	26.81 1.05 0.00	48.70 1.97 0.00	36.90 0.98 0.00	40.50 2.38 0.00	39.30 2.47 0.00	39.94 2.16 0.00	38.19 2.29 0.01	41.91 1.58 0.00	40.16 2.09 0.01	37.91 2.05 0.29	32.27 1.67 -0.01	29.49 1.44 0.01	26.95 1.33 0.00	28.32 1.28 0.00	31.35 1.76 0.00	35.00 1.86 0.00	31.78 1.71 0.00	40.38 1.62 0.00	35.79 1.20 0.00	25.53 0.72 0.00
LISF____SOLAR 323691	30.19 1.47 0.00	28.88 1.35 0.00	26.86 1.43 0.00	24.89 1.42 0.00	26.84 1.08 0.00	48.76 2.03 0.00	36.96 1.04 0.00	40.57 2.44 0.00	39.37 2.54 0.00	40.00 2.22 0.00	38.25 2.34 0.01	41.95 1.62 0.00	40.21 2.14 0.01	38.00 2.13 0.29	32.33 1.72 -0.01	29.53 1.49 0.01	26.99 1.36 0.00	28.36 1.32 0.00	31.41 1.81 0.00	35.06 1.93 0.00	31.84 1.76 0.00	40.44 1.68 0.00	35.86 1.28 0.00	25.56 0.75 0.00
LITTLE FALLS____HYD 24013	28.15 -0.57 0.00	26.97 -0.55 0.00	25.10 -0.34 0.00	23.33 -0.14 0.00	25.43 -0.33 0.00	46.07 -0.67 0.00	35.73 -0.19 0.00	38.57 0.44 0.00	37.01 0.17 0.00	38.00 0.22 0.00	36.04 0.13 0.00	40.42 0.09 0.00	37.91 -0.17 0.00	35.66 -0.50 0.00	30.14 -0.46 0.00	27.58 -0.47 0.00	25.43 -0.20 0.00	27.10 0.06 0.00	30.00 0.40 0.00	33.44 0.30 0.00	30.24 0.16 0.00	38.72 -0.04 0.00	34.05 -0.53 0.00	24.30 -0.51 0.00

LITTLRIV_115KV_TB1 356100	34.16 0.33 -5.11	29.79 0.27 -2.00	25.40 -0.04 0.00	23.36 -0.11 0.00	27.16 0.02 -1.38	46.39 -0.34 0.00	35.36 -0.56 0.00	37.02 -1.11 0.00	35.92 -0.91 0.00	37.01 -0.78 0.00	35.09 -0.82 0.00	39.42 -0.91 0.00	37.39 -0.68 0.00	35.77 -0.39 0.00	30.36 -0.23 0.00	27.88 -0.17 0.00	25.40 -0.23 0.00	26.60 -0.44 0.00	29.01 -0.59 0.00	32.66 -0.47 0.00	29.81 -0.26 0.00	38.72 -0.04 0.00	35.11 0.52 0.00	25.15 0.34 0.00
LI_NEWBRDGE___DRP 323616	29.82 1.11 0.00	28.56 1.04 0.00	26.50 1.06 0.00	24.49 1.02 0.00	26.56 0.80 0.00	48.25 1.52 0.00	36.98 1.06 0.00	40.22 2.08 0.00	38.88 2.04 0.00	39.53 1.75 0.00	37.78 1.87 0.01	41.69 1.36 0.00	39.70 1.63 0.01	37.31 1.60 0.45	31.90 1.39 0.08	29.20 1.15 0.01	26.59 0.96 0.00	28.02 0.98 0.00	31.05 1.44 0.00	34.72 1.59 0.00	31.50 1.43 0.00	40.08 1.31 0.00	35.40 0.82 0.00	25.37 0.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.01 0.29 0.00	28.23 0.71 0.00	26.50 1.06 0.00	24.44 0.97 0.00	27.10 1.35 0.00	48.61 1.88 0.00	37.33 1.41 0.00	39.37 1.24 0.00	38.16 1.32 0.00	39.20 1.42 0.00	37.36 1.45 0.00	42.55 2.22 0.00	39.85 1.78 0.00	37.59 1.43 0.00	31.47 0.87 0.00	28.81 0.76 0.00	26.02 0.39 0.00	27.56 0.52 0.00	30.02 0.42 0.00	33.44 0.30 0.00	30.30 0.22 0.00	38.86 0.09 0.00	34.75 0.17 0.00	25.16 0.36 0.00
LOCKPORT___CC1 323769	28.96 0.25 0.00	28.14 0.62 0.00	26.47 1.03 0.00	24.41 0.94 0.00	27.07 1.31 0.00	48.54 1.81 0.00	37.29 1.37 0.00	39.32 1.19 0.00	38.11 1.28 0.00	39.15 1.37 0.00	37.31 1.40 0.00	42.49 2.16 0.00	39.81 1.74 0.00	37.54 1.39 0.00	31.41 0.82 0.00	28.77 0.72 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.98 0.38 0.00	33.39 0.25 0.00	30.24 0.16 0.00	38.80 0.04 0.00	34.69 0.10 0.00	25.12 0.31 0.00
LOCKPORT___CC2 323770	28.96 0.25 0.00	28.14 0.62 0.00	26.47 1.03 0.00	24.41 0.94 0.00	27.07 1.31 0.00	48.54 1.81 0.00	37.29 1.37 0.00	39.32 1.19 0.00	38.11 1.28 0.00	39.15 1.37 0.00	37.31 1.40 0.00	42.49 2.16 0.00	39.81 1.74 0.00	37.54 1.39 0.00	31.41 0.82 0.00	28.77 0.72 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.98 0.38 0.00	33.39 0.25 0.00	30.24 0.16 0.00	38.80 0.04 0.00	34.69 0.10 0.00	25.12 0.31 0.00
LOCKPORT___CC3 323771	28.96 0.25 0.00	28.14 0.62 0.00	26.47 1.03 0.00	24.41 0.94 0.00	27.07 1.31 0.00	48.54 1.81 0.00	37.29 1.37 0.00	39.32 1.19 0.00	38.11 1.28 0.00	39.15 1.37 0.00	37.31 1.40 0.00	42.49 2.16 0.00	39.81 1.74 0.00	37.54 1.39 0.00	31.41 0.82 0.00	28.77 0.72 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.98 0.38 0.00	33.39 0.25 0.00	30.24 0.16 0.00	38.80 0.04 0.00	34.69 0.10 0.00	25.12 0.31 0.00
LONG_LAKE_PHOENIX 24014	28.20 -0.52 0.00	27.07 -0.46 0.00	25.12 -0.32 0.00	23.19 -0.28 0.00	25.48 -0.28 0.00	46.25 -0.48 0.00	35.59 -0.33 0.00	37.65 -0.48 0.00	36.41 -0.42 0.00	37.29 -0.50 0.00	35.47 -0.44 0.00	39.91 -0.42 0.00	37.52 -0.55 0.00	35.55 -0.61 0.00	30.00 -0.60 0.00	27.50 -0.55 0.00	25.10 -0.52 0.00	26.54 -0.50 0.00	29.10 -0.50 0.00	32.80 -0.33 0.00	29.73 -0.34 0.00	38.16 -0.60 0.00	33.93 -0.65 0.00	24.43 -0.38 0.00
LOVETT___3 23632	29.62 0.90 0.00	28.39 0.87 0.00	26.36 0.92 0.00	24.34 0.87 0.00	26.53 0.77 0.00	48.27 1.54 0.00	37.19 1.28 0.00	40.15 2.02 0.00	38.69 1.86 0.00	39.39 1.60 0.00	37.49 1.58 0.00	41.97 1.64 0.00	39.52 1.45 0.00	37.33 1.17 0.00	31.63 1.04 0.00	29.04 0.99 0.00	26.56 0.93 0.00	28.18 1.14 0.00	31.11 1.51 0.00	34.70 1.57 0.00	31.50 1.42 0.00	40.22 1.45 0.00	35.48 0.90 0.00	25.45 0.65 0.00
LOVETT___4 23642	29.62 0.90 0.00	28.39 0.87 0.00	26.36 0.92 0.00	24.34 0.87 0.00	26.53 0.77 0.00	48.27 1.54 0.00	37.19 1.28 0.00	40.15 2.02 0.00	38.69 1.86 0.00	39.39 1.60 0.00	37.49 1.58 0.00	41.97 1.64 0.00	39.52 1.45 0.00	37.33 1.17 0.00	31.63 1.04 0.00	29.04 0.99 0.00	26.56 0.93 0.00	28.18 1.14 0.00	31.11 1.51 0.00	34.70 1.57 0.00	31.50 1.42 0.00	40.22 1.45 0.00	35.48 0.90 0.00	25.45 0.65 0.00
LOVETT___5 23593	29.62 0.90 0.00	28.39 0.87 0.00	26.36 0.92 0.00	24.34 0.87 0.00	26.53 0.77 0.00	48.27 1.54 0.00	37.19 1.28 0.00	40.15 2.02 0.00	38.69 1.86 0.00	39.39 1.60 0.00	37.49 1.58 0.00	41.97 1.64 0.00	39.52 1.45 0.00	37.33 1.17 0.00	31.63 1.04 0.00	29.04 0.99 0.00	26.56 0.93 0.00	28.18 1.14 0.00	31.11 1.51 0.00	34.70 1.57 0.00	31.50 1.42 0.00	40.22 1.45 0.00	35.48 0.90 0.00	25.45 0.65 0.00
LOWER RAQUET___HYD 24057	34.21 -0.08 -5.57	29.59 -0.11 -2.18	25.07 -0.37 0.00	23.05 -0.42 0.00	26.92 -0.34 -1.51	45.63 -1.10 0.00	34.68 -1.24 0.00	36.27 -1.86 0.00	35.22 -1.61 0.00	36.33 -1.46 0.00	34.46 -1.45 0.00	38.79 -1.55 0.00	36.86 -1.22 0.00	35.24 -0.91 0.00	29.91 -0.69 0.00	27.46 -0.58 0.00	24.99 -0.63 0.00	26.12 -0.92 0.00	28.45 -1.15 0.00	32.03 -1.10 0.00	29.25 -0.83 0.00	38.02 -0.75 0.00	34.54 -0.04 0.00	24.78 -0.02 0.00
LOWER___HUDSON 24059	29.15 0.43 0.00	27.92 0.40 0.00	25.90 0.46 0.00	23.93 0.45 0.00	26.22 0.47 0.00	47.57 0.84 0.00	36.62 0.70 0.00	39.28 1.15 0.00	37.81 0.98 0.00	38.86 1.08 0.00	36.87 0.96 0.00	41.33 1.00 0.00	38.88 0.80 0.00	36.61 0.45 0.00	30.99 0.39 0.00	28.37 0.32 0.00	26.04 0.41 0.00	27.62 0.58 0.00	30.44 0.83 0.00	33.92 0.79 0.00	30.73 0.65 0.00	39.45 0.69 0.00	34.86 0.28 0.00	24.98 0.17 0.00
LOWVILLE_115KV_TB2 356335	31.02 0.70 -1.60	28.76 0.61 -0.63	25.91 0.47 0.00	23.88 0.41 0.00	26.64 0.45 -0.43	47.61 0.88 0.00	36.52 0.60 0.00	37.98 -0.15 0.00	37.27 0.43 0.00	38.38 0.59 0.00	36.33 0.42 0.00	40.82 0.49 0.00	38.33 0.25 0.00	36.33 0.18 0.00	30.79 0.20 0.00	28.25 0.20 0.00	25.77 0.14 0.00	27.21 0.17 0.00	29.92 0.32 0.00	33.89 0.76 0.00	30.94 0.86 0.00	39.82 1.06 0.00	35.47 0.88 0.00	25.31 0.51 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.60 0.88 0.00	28.35 0.83 0.00	26.32 0.89 0.00	24.30 0.83 0.00	26.65 0.89 0.00	48.40 1.67 0.00	37.29 1.37 0.00	39.97 1.84 0.00	38.49 1.66 0.00	39.63 1.84 0.00	37.66 1.75 0.00	42.15 1.82 0.00	39.58 1.50 0.00	37.22 1.06 0.00	31.46 0.86 0.00	28.83 0.78 0.00	26.47 0.84 0.00	28.13 1.09 0.00	30.99 1.39 0.00	34.56 1.43 0.00	31.27 1.20 0.00	40.08 1.32 0.00	35.43 0.84 0.00	25.39 0.59 0.00
LUTHERNY_35_KV_BK2 355980	29.61 0.89 0.00	28.36 0.83 0.00	26.31 0.87 0.00	24.31 0.83 0.00	26.64 0.88 0.00	48.43 1.70 0.00	37.29 1.37 0.00	39.99 1.86 0.00	38.53 1.69 0.00	39.68 1.89 0.00	37.72 1.81 0.00	42.17 1.84 0.00	39.60 1.53 0.00	37.22 1.07 0.00	31.44 0.84 0.00	28.85 0.80 0.00	26.47 0.84 0.00	28.14 1.10 0.00	31.01 1.41 0.00	34.57 1.43 0.00	31.27 1.19 0.00	40.10 1.34 0.00	35.43 0.84 0.00	25.41 0.60 0.00

LWR___OSWEGATCHIE_HYD 23850	32.72 0.21 -3.79	29.16 0.15 -1.48	25.41 -0.04 0.00	23.40 -0.08 0.00	26.76 -0.02 -1.02	46.48 -0.25 0.00	35.51 -0.42 0.00	37.05 -1.08 0.00	36.18 -0.65 0.00	37.27 -0.52 0.00	35.30 -0.61 0.00	39.66 -0.67 0.00	37.46 -0.61 0.00	35.65 -0.51 0.00	30.22 -0.38 0.00	27.74 -0.31 0.00	25.29 -0.34 0.00	26.57 -0.47 0.00	29.09 -0.51 0.00	32.89 -0.24 0.00	30.04 -0.04 0.00	38.81 0.05 0.00	34.92 0.33 0.00	24.98 0.18 0.00
LYONS_FALL_HYD 23570	30.47 0.68 -1.07	28.54 0.60 -0.42	25.95 0.51 0.00	23.94 0.47 0.00	26.56 0.52 -0.29	47.75 1.02 0.00	36.71 0.78 0.00	38.52 0.39 0.00	37.59 0.76 0.00	38.64 0.86 0.00	36.65 0.74 0.00	41.17 0.83 0.00	38.67 0.59 0.00	36.64 0.49 0.00	31.04 0.44 0.00	28.47 0.42 0.00	25.99 0.36 0.00	27.48 0.44 0.00	30.20 0.59 0.00	34.07 0.93 0.00	31.02 0.95 0.00	39.90 1.13 0.00	35.49 0.90 0.00	25.36 0.56 0.00
MADISON___COUNTY_LFGE 323628	29.51 0.79 0.00	28.25 0.73 0.00	26.15 0.71 0.00	24.12 0.65 0.00	26.51 0.75 0.00	48.28 1.55 0.00	37.25 1.32 0.00	39.55 1.42 0.00	38.32 1.49 0.00	39.28 1.50 0.00	37.31 1.40 0.00	41.94 1.61 0.00	39.39 1.31 0.00	37.23 1.07 0.00	31.49 0.90 0.00	28.90 0.85 0.00	26.42 0.79 0.00	27.96 0.92 0.00	30.73 1.13 0.00	34.54 1.41 0.00	31.33 1.26 0.00	40.25 1.48 0.00	35.74 1.15 0.00	25.61 0.81 0.00
MALONE___115KV_TB1 356076	53.17 -0.30 -24.75	36.91 -0.29 -9.67	25.04 -0.40 0.00	23.00 -0.48 0.00	32.04 -0.40 -6.69	45.93 -0.81 0.00	35.31 -0.61 0.00	36.90 -1.23 0.00	35.69 -1.14 0.00	36.87 -0.91 0.00	34.97 -0.94 0.00	39.14 -1.19 0.00	37.18 -0.89 0.00	35.57 -0.59 0.00	22.23 -0.34 8.03	23.81 -0.29 3.95	25.33 -0.30 0.00	26.50 -0.54 0.00	28.86 -0.74 0.00	32.49 -0.64 0.00	29.93 -0.15 0.00	39.17 0.40 0.00	35.43 0.84 0.00	25.41 0.60 0.00
MAPLEWOD_115KV_TB3 80458	28.99 0.28 0.00	27.76 0.24 0.00	25.74 0.31 0.00	23.78 0.31 0.00	26.05 0.29 0.00	47.26 0.53 0.00	36.38 0.46 0.00	38.99 0.86 0.00	37.62 0.78 0.00	38.62 0.84 0.00	36.62 0.71 0.00	41.08 0.75 0.00	38.68 0.60 0.00	36.51 0.35 0.00	30.89 0.29 0.00	28.29 0.24 0.00	25.94 0.31 0.00	27.50 0.46 0.00	30.27 0.67 0.00	33.78 0.65 0.00	30.61 0.53 0.00	39.29 0.52 0.00	34.74 0.16 0.00	24.89 0.08 0.00
MAPLE RIDGE_WT_1 323574	28.67 -0.05 0.00	27.47 -0.05 0.00	25.28 -0.15 0.00	23.30 -0.16 0.00	25.56 -0.19 0.00	46.30 -0.43 0.00	35.52 -0.40 0.00	37.32 -0.81 0.00	35.97 -0.87 0.00	37.22 -0.56 0.00	35.41 -0.50 0.00	39.87 -0.46 0.00	37.79 -0.29 0.00	35.92 -0.23 0.00	30.44 -0.16 0.00	27.92 -0.13 0.00	25.52 -0.11 0.00	26.80 -0.23 0.00	29.23 -0.37 0.00	32.77 -0.36 0.00	29.87 -0.21 0.00	38.65 -0.12 0.00	34.58 -0.01 0.00	24.76 -0.05 0.00
MAPLE RIDGE_WT_2 323611	28.67 -0.05 0.00	27.47 -0.05 0.00	25.28 -0.15 0.00	23.30 -0.16 0.00	25.56 -0.19 0.00	46.30 -0.43 0.00	35.52 -0.40 0.00	37.32 -0.81 0.00	35.97 -0.87 0.00	37.22 -0.56 0.00	35.41 -0.50 0.00	39.87 -0.46 0.00	37.79 -0.29 0.00	35.92 -0.23 0.00	30.44 -0.16 0.00	27.92 -0.13 0.00	25.52 -0.11 0.00	26.80 -0.23 0.00	29.23 -0.37 0.00	32.77 -0.36 0.00	29.87 -0.21 0.00	38.65 -0.12 0.00	34.58 -0.01 0.00	24.76 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	-13.03 -1.46 40.29	10.17 -1.61 15.74	23.94 -1.50 0.00	22.01 -1.46 0.00	13.30 -1.57 10.88	43.98 -2.75 0.00	34.23 -1.70 0.00	35.66 -2.48 0.00	34.19 -2.64 0.00	35.50 -2.29 0.00	33.55 -2.36 0.00	37.34 -2.99 0.00	35.60 -2.48 0.00	34.12 -2.04 0.00	21.30 -1.27 8.03	22.70 -1.41 3.95	24.36 -1.27 0.00	25.43 -1.61 0.00	27.70 -1.91 0.00	31.25 -1.88 0.00	29.07 -1.00 0.00	38.71 -0.05 0.00	35.14 0.56 0.00	25.36 0.55 0.00
MARSHVLE_115KV_TB1 80742	30.72 2.00 0.00	29.44 1.91 0.00	27.25 1.81 0.00	25.29 1.82 0.00	27.74 1.99 0.00	50.50 3.77 0.00	38.84 2.92 0.00	40.97 2.84 0.00	39.71 2.88 0.00	40.68 2.90 0.00	38.70 2.79 0.00	43.60 3.27 0.00	41.19 3.11 0.00	39.06 2.90 0.00	32.92 2.32 0.00	30.22 2.17 0.00	27.70 2.08 0.00	29.23 2.19 0.00	31.96 2.36 0.00	35.83 2.69 0.00	32.55 2.48 0.00	41.86 3.10 0.00	37.43 2.85 0.00	26.88 2.07 0.00
MARSH_HILL_WT_PWR 323713	30.08 1.36 0.00	28.77 1.24 0.00	26.94 1.50 0.00	24.83 1.36 0.00	27.20 1.45 0.00	49.71 2.98 0.00	38.67 2.75 0.00	41.72 3.59 0.00	40.12 3.29 0.00	40.65 2.87 0.00	38.90 2.99 0.00	44.03 3.70 0.00	40.93 2.85 0.00	38.80 2.65 0.00	32.65 2.05 0.00	29.78 1.73 0.00	26.86 1.23 0.00	28.57 1.53 0.00	31.40 1.80 0.00	34.50 1.37 0.00	31.26 1.18 0.00	40.15 1.38 0.00	35.40 0.82 0.00	25.45 0.64 0.00
MCINTYRE_115KV_TB2 80467	33.66 0.58 -4.36	29.74 0.51 -1.70	25.62 0.18 0.00	23.54 0.07 0.00	27.19 0.25 -1.18	46.93 0.20 0.00	35.83 -0.09 0.00	37.55 -0.58 0.00	36.40 -0.43 0.00	37.47 -0.31 0.00	35.51 -0.40 0.00	39.84 -0.50 0.00	37.73 -0.34 0.00	36.11 -0.05 0.00	30.65 0.06 0.00	28.14 0.09 0.00	25.68 0.05 0.00	26.95 -0.10 0.00	29.40 -0.21 0.00	33.09 -0.05 0.00	30.18 0.10 0.00	39.19 0.43 0.00	35.47 0.88 0.00	25.37 0.57 0.00
MECO____69_KV_BK1 80468	31.70 2.98 0.00	30.33 2.81 0.00	28.10 2.67 0.00	26.06 2.59 0.00	28.63 2.87 0.00	52.21 5.48 0.00	40.34 4.42 0.00	42.87 4.75 0.00	41.55 4.71 0.00	42.63 4.85 0.00	40.36 4.44 0.00	45.19 4.86 0.00	42.48 4.40 0.00	40.07 3.91 0.00	33.64 3.04 0.00	30.90 2.86 0.00	28.53 2.91 0.00	30.38 3.34 0.00	33.42 3.81 0.00	37.45 4.32 0.00	33.98 3.90 0.00	43.54 4.78 0.00	38.69 4.10 0.00	27.68 2.87 0.00
MENANDS__115KV_TB5 355628	28.83 0.11 0.00	27.61 0.09 0.00	25.59 0.15 0.00	23.64 0.17 0.00	25.89 0.14 0.00	46.96 0.23 0.00	36.15 0.23 0.00	38.75 0.61 0.00	37.37 0.53 0.00	38.36 0.58 0.00	36.36 0.45 0.00	40.79 0.46 0.00	38.40 0.33 0.00	36.26 0.10 0.00	30.69 0.09 0.00	28.12 0.07 0.00	25.77 0.15 0.00	27.31 0.27 0.00	30.07 0.46 0.00	33.54 0.41 0.00	30.41 0.33 0.00	39.03 0.27 0.00	34.51 -0.07 0.00	24.73 -0.08 0.00
MG INDUSTRY___DRP 24185	28.98 0.26 0.00	27.78 0.25 0.00	25.74 0.30 0.00	23.78 0.31 0.00	26.07 0.31 0.00	47.31 0.58 0.00	36.40 0.48 0.00	38.92 0.79 0.00	37.57 0.74 0.00	38.55 0.76 0.00	36.56 0.65 0.00	41.03 0.70 0.00	38.64 0.56 0.00	36.51 0.35 0.00	30.87 0.27 0.00	28.25 0.20 0.00	25.87 0.25 0.00	27.44 0.40 0.00	30.20 0.60 0.00	33.75 0.61 0.00	30.59 0.51 0.00	39.29 0.52 0.00	34.80 0.21 0.00	24.95 0.14 0.00
MID___OSWEGATCHIE_HYD 23849	32.72 0.21 -3.79	29.16 0.15 -1.48	25.41 -0.04 0.00	23.40 -0.08 0.00	26.76 -0.02 -1.02	46.48 -0.25 0.00	35.51 -0.42 0.00	37.05 -1.08 0.00	36.18 -0.65 0.00	37.27 -0.52 0.00	35.30 -0.61 0.00	39.66 -0.67 0.00	37.46 -0.61 0.00	35.65 -0.51 0.00	30.22 -0.38 0.00	27.74 -0.31 0.00	25.29 -0.34 0.00	26.57 -0.47 0.00	29.09 -0.51 0.00	32.89 -0.24 0.00	30.04 -0.04 0.00	38.81 0.05 0.00	34.92 0.33 0.00	24.98 0.18 0.00

MID___RAQUETTE_HYD 23851	34.21 -0.08 -5.57	29.59 -0.11 -2.18	25.07 -0.37 0.00	23.05 -0.42 0.00	26.93 -0.34 -1.51	45.63 -1.10 0.00	34.68 -1.24 0.00	36.27 -1.86 0.00	35.22 -1.61 0.00	36.33 -1.46 0.00	34.46 -1.45 0.00	38.78 -1.55 0.00	36.86 -1.22 0.00	35.24 -0.91 0.00	29.91 -0.69 0.00	27.46 -0.58 0.00	24.99 -0.63 0.00	26.12 -0.92 0.00	28.45 -1.15 0.00	32.03 -1.10 0.00	29.25 -0.83 0.00	38.02 -0.74 0.00	34.54 -0.04 0.00	24.78 -0.02 0.00
MILLIKEN___1 23584	29.01 0.29 0.00	27.84 0.32 0.00	25.86 0.42 0.00	23.84 0.36 0.00	26.27 0.51 0.00	47.67 0.94 0.00	36.68 0.76 0.00	38.90 0.77 0.00	37.61 0.78 0.00	38.53 0.74 0.00	36.61 0.70 0.00	41.18 0.85 0.00	38.69 0.61 0.00	36.66 0.51 0.00	30.93 0.33 0.00	28.37 0.32 0.00	25.89 0.27 0.00	27.42 0.38 0.00	30.16 0.56 0.00	34.27 1.13 0.00	31.06 0.99 0.00	39.88 1.11 0.00	35.38 0.79 0.00	25.46 0.66 0.00
MILLIKEN___2 23585	29.01 0.29 0.00	27.84 0.32 0.00	25.86 0.42 0.00	23.84 0.36 0.00	26.27 0.51 0.00	47.67 0.94 0.00	36.68 0.76 0.00	38.90 0.77 0.00	37.61 0.78 0.00	38.53 0.74 0.00	36.61 0.70 0.00	41.18 0.85 0.00	38.69 0.61 0.00	36.66 0.51 0.00	30.93 0.33 0.00	28.37 0.32 0.00	25.89 0.27 0.00	27.42 0.38 0.00	30.16 0.56 0.00	34.27 1.13 0.00	31.06 0.99 0.00	39.88 1.11 0.00	35.38 0.79 0.00	25.46 0.66 0.00
MILLIKEN___DIESEL 23629	29.01 0.29 0.00	27.84 0.32 0.00	25.86 0.42 0.00	23.84 0.36 0.00	26.27 0.51 0.00	47.67 0.94 0.00	36.68 0.76 0.00	38.90 0.77 0.00	37.61 0.78 0.00	38.53 0.74 0.00	36.61 0.70 0.00	41.18 0.85 0.00	38.69 0.61 0.00	36.66 0.51 0.00	30.93 0.33 0.00	28.37 0.32 0.00	25.89 0.27 0.00	27.42 0.38 0.00	30.16 0.56 0.00	34.27 1.13 0.00	31.06 0.99 0.00	39.88 1.11 0.00	35.38 0.79 0.00	25.46 0.66 0.00
MILLSEAT___LFGE 323607	29.39 0.67 0.00	28.50 0.98 0.00	26.77 1.33 0.00	24.69 1.22 0.00	27.37 1.61 0.00	49.20 2.47 0.00	37.87 1.95 0.00	40.01 1.88 0.00	38.80 1.97 0.00	39.82 2.03 0.00	37.93 2.02 0.00	43.17 2.84 0.00	40.47 2.39 0.00	38.13 1.98 0.00	31.93 1.34 0.00	29.26 1.21 0.00	26.46 0.83 0.00	28.03 0.99 0.00	30.56 0.96 0.00	34.08 0.95 0.00	30.87 0.79 0.00	39.57 0.80 0.00	35.30 0.71 0.00	25.52 0.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.67 0.96 0.00	28.42 0.89 0.00	26.38 0.94 0.00	24.36 0.89 0.00	26.55 0.79 0.00	48.33 1.60 0.00	37.28 1.36 0.00	40.24 2.11 0.00	38.81 1.98 0.00	39.57 1.78 0.00	37.63 1.73 0.00	42.10 1.77 0.00	39.63 1.55 0.00	37.39 1.23 0.00	31.70 1.11 0.00	29.09 1.04 0.00	26.62 0.99 0.00	28.24 1.20 0.00	31.18 1.58 0.00	34.80 1.67 0.00	31.58 1.51 0.00	40.32 1.56 0.00	35.55 0.96 0.00	25.50 0.69 0.00
MILLWOOD_13_KV_LOAD 356217	29.74 1.03 0.00	28.48 0.96 0.00	26.44 1.00 0.00	24.42 0.94 0.00	26.61 0.85 0.00	48.46 1.73 0.00	37.38 1.45 0.00	40.34 2.21 0.00	38.92 2.09 0.00	39.68 1.90 0.00	37.73 1.82 0.00	42.20 1.87 0.00	39.73 1.66 0.00	37.48 1.32 0.00	31.79 1.19 0.00	29.17 1.12 0.00	26.69 1.06 0.00	28.31 1.27 0.00	31.26 1.66 0.00	34.89 1.76 0.00	31.67 1.60 0.00	40.43 1.66 0.00	35.63 1.05 0.00	25.56 0.75 0.00
MODEL_CITY_ENERGY 24167	28.73 0.01 0.00	27.92 0.39 0.00	26.25 0.81 0.00	24.22 0.75 0.00	26.86 1.10 0.00	48.15 1.42 0.00	36.91 0.99 0.00	38.88 0.74 0.00	37.68 0.84 0.00	38.71 0.93 0.00	36.89 0.98 0.00	42.03 1.70 0.00	39.36 1.29 0.00	37.14 0.98 0.00	31.08 0.48 0.00	28.46 0.41 0.00	25.69 0.06 0.00	27.22 0.18 0.00	29.63 0.03 0.00	33.00 -0.14 0.00	29.89 -0.18 0.00	38.36 -0.41 0.00	34.31 -0.27 0.00	24.90 0.09 0.00
MODERN_LFGE___ 323580	28.73 0.01 0.00	27.92 0.39 0.00	26.25 0.81 0.00	24.22 0.75 0.00	26.86 1.10 0.00	48.15 1.42 0.00	36.91 0.99 0.00	38.88 0.74 0.00	37.68 0.84 0.00	38.71 0.93 0.00	36.89 0.98 0.00	42.03 1.70 0.00	39.36 1.29 0.00	37.14 0.98 0.00	31.08 0.48 0.00	28.46 0.41 0.00	25.69 0.06 0.00	27.22 0.18 0.00	29.63 0.03 0.00	33.00 -0.14 0.00	29.89 -0.18 0.00	38.36 -0.41 0.00	34.31 -0.27 0.00	24.90 0.09 0.00
MOHAWK_PAPER___DRP 24187	28.99 0.28 0.00	27.76 0.24 0.00	25.74 0.31 0.00	23.78 0.31 0.00	26.05 0.29 0.00	47.26 0.53 0.00	36.38 0.46 0.00	38.99 0.86 0.00	37.62 0.78 0.00	38.62 0.84 0.00	36.62 0.71 0.00	41.08 0.75 0.00	38.68 0.60 0.00	36.51 0.35 0.00	30.89 0.29 0.00	28.29 0.24 0.00	25.94 0.31 0.00	27.50 0.46 0.00	30.27 0.67 0.00	33.78 0.65 0.00	30.61 0.53 0.00	39.29 0.52 0.00	34.74 0.16 0.00	24.89 0.08 0.00
MOHICAN__35_KV_115KV_LD 80490	29.70 0.98 0.00	28.46 0.94 0.00	26.53 1.09 0.00	24.42 0.95 0.00	26.80 1.04 0.00	48.66 1.93 0.00	37.61 1.69 0.00	40.36 2.23 0.00	38.72 1.89 0.00	40.04 2.26 0.00	38.23 2.33 0.00	42.63 2.30 0.00	39.80 1.73 0.00	37.21 1.05 0.00	31.52 0.92 0.00	28.87 0.82 0.00	26.60 0.97 0.00	28.38 1.34 0.00	31.29 1.69 0.00	34.86 1.73 0.00	31.45 1.38 0.00	40.16 1.40 0.00	35.44 0.85 0.00	25.42 0.61 0.00
MONGAUP___HYD 23641	29.46 0.75 0.00	28.23 0.71 0.00	26.23 0.79 0.00	24.21 0.73 0.00	26.39 0.63 0.00	47.62 0.89 0.00	36.80 0.88 0.00	39.66 1.53 0.00	38.24 1.41 0.00	38.91 1.12 0.00	36.88 0.98 0.00	41.28 0.95 0.00	38.89 0.82 0.00	36.61 0.45 0.00	31.05 0.46 0.00	28.50 0.45 0.00	26.09 0.46 0.00	27.72 0.67 0.00	30.67 1.07 0.00	34.24 1.11 0.00	31.08 1.00 0.00	39.75 0.98 0.00	35.07 0.48 0.00	25.15 0.35 0.00
MONTAUK___DIESEL 23721	30.84 2.12 0.00	29.48 1.95 0.00	27.45 2.01 0.00	25.45 1.98 0.00	27.45 1.69 0.00	49.93 3.20 0.00	37.79 1.87 0.00	41.61 3.47 0.00	40.41 3.58 0.00	41.13 3.35 0.00	39.35 3.45 0.01	43.23 2.90 0.00	41.42 3.35 0.01	38.90 3.03 0.29	32.97 2.36 -0.01	30.11 2.07 0.01	27.53 1.90 0.00	29.25 2.21 0.00	32.44 2.84 0.00	36.24 3.11 0.00	32.89 2.81 0.00	41.73 2.97 0.00	36.98 2.40 0.00	26.41 1.61 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.25 1.53 0.00	29.17 1.65 0.00	27.27 1.83 0.00	25.23 1.76 0.00	27.68 1.92 0.00	50.31 3.58 0.00	39.02 3.10 0.00	41.81 3.67 0.00	40.23 3.40 0.00	41.29 3.50 0.00	39.55 3.64 0.00	45.07 4.74 0.00	42.01 3.93 0.00	39.69 3.53 0.00	33.17 2.57 0.00	30.40 2.35 0.00	27.45 1.82 0.00	29.07 2.03 0.00	31.60 2.00 0.00	34.91 1.78 0.00	31.56 1.48 0.00	40.63 1.86 0.00	36.24 1.65 0.00	26.22 1.41 0.00
MORTIMER_115KV_TB3 55949	28.79 0.07 0.00	27.86 0.34 0.00	26.01 0.57 0.00	23.99 0.52 0.00	26.52 0.76 0.00	47.83 1.10 0.00	36.87 0.95 0.00	39.04 0.91 0.00	37.81 0.97 0.00	38.85 1.06 0.00	36.96 1.06 0.00	41.88 1.55 0.00	39.29 1.22 0.00	37.13 0.97 0.00	31.18 0.58 0.00	28.57 0.52 0.00	25.92 0.30 0.00	27.47 0.43 0.00	30.02 0.42 0.00	33.56 0.43 0.00	30.40 0.32 0.00	39.00 0.23 0.00	34.74 0.15 0.00	25.02 0.21 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.77 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.42 0.94 0.00	26.60 0.85 0.00	48.43 1.70 0.00	37.37 1.45 0.00	40.36 2.23 0.00	38.96 2.13 0.00	39.72 1.93 0.00	37.77 1.86 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.52 1.36 0.00	31.84 1.24 0.00	29.21 1.16 0.00	26.74 1.11 0.00	28.37 1.33 0.00	31.31 1.71 0.00	34.95 1.82 0.00	31.74 1.66 0.00	40.47 1.71 0.00	35.65 1.07 0.00	25.58 0.78 0.00
MUNSVILLE_WIND_PWR 323609	31.28 2.56 0.00	29.75 2.23 0.00	27.84 2.40 0.00	25.55 2.08 0.00	28.14 2.38 0.00	51.34 4.61 0.00	39.72 3.80 0.00	42.48 4.34 0.00	41.01 4.17 0.00	41.85 4.06 0.00	39.98 4.07 0.00	44.83 4.50 0.00	41.97 3.89 0.00	39.66 3.50 0.00	33.55 2.96 0.00	30.86 2.81 0.00	28.13 2.51 0.00	30.04 3.01 0.00	33.15 3.55 0.00	37.08 3.95 0.00	33.63 3.55 0.00	43.01 4.24 0.00	37.99 3.41 0.00	27.22 2.42 0.00
N SALMON___HYD 24042	53.17 -0.31 -24.75	36.91 -0.29 -9.67	25.04 -0.40 0.00	23.00 -0.48 0.00	32.04 -0.40 -6.69	45.93 -0.81 0.00	35.31 -0.61 0.00	36.90 -1.23 0.00	35.69 -1.14 0.00	36.87 -0.91 0.00	34.97 -0.94 0.00	39.15 -1.18 0.00	37.18 -0.89 0.00	35.56 -0.59 0.00	22.23 -0.33 8.03	23.81 -0.29 3.95	25.33 -0.30 0.00	26.50 -0.54 0.00	28.86 -0.74 0.00	32.49 -0.64 0.00	29.93 -0.15 0.00	39.17 0.41 0.00	35.43 0.84 0.00	25.41 0.60 0.00
N.AKRON___115KV_KNAPP 355671	29.40 0.68 0.00	28.57 1.04 0.00	26.79 1.35 0.00	24.70 1.23 0.00	27.39 1.63 0.00	49.22 2.49 0.00	37.89 1.97 0.00	40.03 1.90 0.00	38.80 1.97 0.00	39.84 2.05 0.00	37.95 2.04 0.00	43.20 2.87 0.00	40.48 2.40 0.00	38.15 2.00 0.00	31.95 1.35 0.00	29.27 1.22 0.00	26.46 0.83 0.00	28.04 0.99 0.00	30.56 0.96 0.00	34.08 0.95 0.00	30.87 0.80 0.00	39.57 0.81 0.00	35.33 0.74 0.00	25.53 0.72 0.00
N.BELMOR_69_KV_BK1 55787	30.06 1.34 0.00	28.78 1.26 0.00	26.69 1.25 0.00	24.66 1.19 0.00	26.76 1.00 0.00	48.65 1.92 0.00	37.33 1.41 0.00	40.58 2.45 0.00	39.23 2.40 0.00	39.87 2.09 0.00	38.11 2.19 -0.01	42.06 1.73 0.00	40.02 1.94 -0.01	38.66 1.84 -0.66	32.74 1.57 -0.58	29.40 1.35 -0.01	26.77 1.14 0.00	28.25 1.21 0.00	31.32 1.71 0.00	35.04 1.91 0.00	31.81 1.73 0.00	40.47 1.70 0.00	35.71 1.12 0.00	25.59 0.78 0.00
N.E_GEN_SANDY PD 24062	29.20 0.49 0.00	27.96 0.44 0.00	25.96 0.53 0.00	24.03 0.56 0.00	26.23 0.48 0.00	46.13 0.99 1.59	36.13 0.86 0.64	40.98 1.53 -1.32	38.16 1.33 0.00	39.98 1.30 -0.90	37.08 1.17 0.00	40.86 1.17 0.64	38.56 0.94 0.45	36.68 0.52 0.00	31.09 0.49 0.00	28.29 0.41 0.17	26.11 0.49 0.00	27.74 0.70 0.00	30.67 1.07 0.00	33.54 1.02 0.61	31.10 0.88 -0.15	40.61 0.84 -1.00	34.89 0.30 0.00	25.01 0.21 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.68 0.96 0.00	28.44 0.92 0.00	26.40 0.97 0.00	24.38 0.90 0.00	26.57 0.82 0.00	48.36 1.63 0.00	37.27 1.35 0.00	40.24 2.11 0.00	38.77 1.93 0.00	39.47 1.68 0.00	37.57 1.66 0.00	42.06 1.73 0.00	39.60 1.53 0.00	37.41 1.25 0.00	31.70 1.10 0.00	29.10 1.05 0.00	26.62 0.99 0.00	28.24 1.20 0.00	31.18 1.58 0.00	34.78 1.65 0.00	31.56 1.48 0.00	40.30 1.53 0.00	35.56 0.97 0.00	25.50 0.70 0.00
N.QUEENS_27_KV_LOAD 356247	29.92 1.20 0.00	28.64 1.12 0.00	26.57 1.14 0.00	24.47 1.00 0.00	26.63 0.88 0.00	48.50 1.77 0.00	37.44 1.52 0.00	40.44 2.31 0.00	39.11 2.28 0.00	39.77 1.99 0.00	37.84 1.93 0.00	42.32 1.99 0.00	39.84 1.77 0.00	37.65 1.50 0.00	32.00 1.40 0.00	29.35 1.31 0.00	26.89 1.26 0.00	28.49 1.45 0.00	31.40 1.80 0.00	35.08 1.95 0.00	31.86 1.78 0.00	40.57 1.81 0.00	35.72 1.13 0.00	25.69 0.88 0.00
N.TROY___115KV_TB1 355778	29.15 0.43 0.00	27.92 0.40 0.00	25.90 0.46 0.00	23.93 0.45 0.00	26.22 0.47 0.00	47.57 0.84 0.00	36.62 0.70 0.00	39.28 1.15 0.00	37.81 0.98 0.00	38.86 1.08 0.00	36.87 0.96 0.00	41.33 1.00 0.00	38.88 0.80 0.00	36.61 0.45 0.00	30.99 0.39 0.00	28.37 0.32 0.00	26.04 0.41 0.00	27.62 0.58 0.00	30.44 0.83 0.00	33.92 0.79 0.00	30.73 0.65 0.00	39.45 0.69 0.00	34.86 0.28 0.00	24.98 0.17 0.00
NARROWS_GT1_1 24228	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT1_2 24229	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT1_3 24230	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT1_4 24231	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT1_5 24232	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT1_6 24233	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00

NARROWS_GT1_7 24234	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT1_8 24235	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_1 24236	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_2 24237	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_3 24238	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_4 24239	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_5 24240	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_6 24241	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_7 24242	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NARROWS_GT2_8 24243	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.39 0.67 0.00	28.17 0.65 0.00	26.10 0.66 0.00	24.14 0.67 0.00	26.48 0.73 0.00	48.14 1.41 0.00	37.14 1.22 0.00	39.78 1.65 0.00	38.45 1.61 0.00	39.49 1.71 0.00	37.36 1.44 0.00	41.91 1.58 0.00	39.39 1.32 0.00	37.15 0.99 0.00	31.42 0.82 0.00	28.66 0.61 0.00	26.27 0.65 0.00	28.02 0.98 0.00	30.97 1.37 0.00	34.63 1.50 0.00	31.32 1.24 0.00	40.17 1.41 0.00	35.47 0.89 0.00	25.37 0.56 0.00
NCHELSEA_115KV_TR2 355582	30.12 1.40 0.00	28.84 1.31 0.00	26.76 1.33 0.00	24.72 1.25 0.00	26.97 1.22 0.00	49.14 2.41 0.00	37.94 2.02 0.00	40.94 2.81 0.00	39.51 2.68 0.00	40.29 2.50 0.00	38.28 2.37 0.00	42.83 2.50 0.00	40.26 2.19 0.00	38.00 1.84 0.00	32.19 1.59 0.00	29.54 1.49 0.00	27.03 1.41 0.00	28.70 1.66 0.00	31.71 2.11 0.00	35.41 2.27 0.00	32.12 2.05 0.00	41.02 2.26 0.00	36.15 1.57 0.00	25.90 1.10 0.00
NEG CAPITAL___MECHNVIL 23645	29.62 0.90 0.00	28.35 0.83 0.00	26.28 0.84 0.00	24.28 0.80 0.00	26.66 0.90 0.00	48.41 1.68 0.00	37.25 1.33 0.00	39.96 1.83 0.00	38.54 1.70 0.00	39.66 1.87 0.00	37.61 1.71 0.00	42.12 1.79 0.00	39.62 1.55 0.00	37.26 1.10 0.00	31.44 0.84 0.00	28.80 0.75 0.00	26.46 0.83 0.00	28.12 1.08 0.00	30.99 1.39 0.00	34.55 1.42 0.00	31.26 1.19 0.00	40.08 1.31 0.00	35.43 0.84 0.00	25.37 0.56 0.00
NEG CENTRAL_HIGH_ACRES 23767	28.12 -0.60 0.00	27.13 -0.39 0.00	25.31 -0.13 0.00	23.35 -0.12 0.00	25.78 0.02 0.00	46.62 -0.11 0.00	35.92 0.00 0.00	38.06 -0.07 0.00	36.85 0.02 0.00	37.82 0.03 0.00	35.98 0.07 0.00	40.69 0.36 0.00	38.23 0.15 0.00	36.15 -0.01 0.00	30.40 -0.20 0.00	27.86 -0.18 0.00	25.33 -0.30 0.00	26.82 -0.22 0.00	29.33 -0.27 0.00	32.86 -0.28 0.00	29.74 -0.33 0.00	38.15 -0.62 0.00	33.95 -0.64 0.00	24.45 -0.36 0.00
NEG CENTRAL___DRP 24199	29.00 0.28 0.00	27.83 0.31 0.00	25.93 0.49 0.00	23.91 0.44 0.00	26.32 0.56 0.00	47.75 1.02 0.00	36.84 0.92 0.00	39.25 1.12 0.00	37.90 1.07 0.00	38.73 0.95 0.00	36.90 0.99 0.00	41.60 1.27 0.00	38.97 0.90 0.00	36.92 0.77 0.00	31.18 0.58 0.00	28.58 0.53 0.00	26.00 0.37 0.00	27.57 0.53 0.00	30.24 0.64 0.00	33.83 0.70 0.00	30.64 0.56 0.00	39.33 0.56 0.00	34.87 0.28 0.00	25.16 0.36 0.00

NEG CENTRAL___INDECK 23768	30.28 1.56 0.00	29.12 1.60 0.00	27.22 1.78 0.00	25.12 1.65 0.00	27.68 1.92 0.00	50.27 3.54 0.00	39.02 3.10 0.00	41.76 3.63 0.00	40.25 3.41 0.00	40.92 3.14 0.00	38.81 2.91 0.00	43.83 3.51 0.00	41.08 3.00 0.00	38.91 2.76 0.00	32.61 2.01 0.00	29.72 1.67 0.00	27.10 1.47 0.00	28.91 1.87 0.00	31.84 2.24 0.00	35.32 2.19 0.00	32.06 1.98 0.00	41.05 2.29 0.00	36.29 1.71 0.00	26.05 1.24 0.00
NEG CENTRAL___SENECA 23627	29.26 0.55 0.00	28.07 0.55 0.00	26.19 0.75 0.00	24.16 0.69 0.00	26.57 0.82 0.00	48.18 1.45 0.00	37.30 1.38 0.00	39.85 1.72 0.00	38.47 1.64 0.00	39.25 1.47 0.00	37.44 1.53 0.00	42.27 1.94 0.00	39.49 1.41 0.00	37.41 1.25 0.00	31.61 1.01 0.00	28.97 0.91 0.00	26.32 0.69 0.00	27.94 0.90 0.00	30.63 1.03 0.00	34.12 0.98 0.00	30.88 0.81 0.00	39.64 0.87 0.00	35.08 0.50 0.00	25.34 0.54 0.00
NEG CENTRAL___STATE_STREET 24147	28.87 0.15 0.00	27.71 0.19 0.00	25.76 0.32 0.00	23.70 0.23 0.00	26.18 0.42 0.00	47.55 0.82 0.00	36.44 0.51 0.00	38.64 0.52 0.00	37.36 0.52 0.00	38.23 0.45 0.00	36.35 0.44 0.00	40.93 0.60 0.00	38.46 0.39 0.00	36.45 0.29 0.00	30.76 0.16 0.00	28.19 0.14 0.00	25.72 0.09 0.00	27.22 0.19 0.00	29.88 0.28 0.00	33.68 0.54 0.00	30.53 0.45 0.00	39.20 0.43 0.00	34.90 0.31 0.00	25.16 0.35 0.00
NEG MILLWOOD___DRP 24198	30.11 1.39 0.00	28.83 1.30 0.00	26.75 1.31 0.00	24.71 1.24 0.00	26.95 1.19 0.00	49.10 2.37 0.00	37.94 2.02 0.00	40.95 2.82 0.00	39.53 2.70 0.00	40.32 2.53 0.00	38.31 2.40 0.00	42.86 2.53 0.00	40.30 2.23 0.00	38.01 1.85 0.00	32.20 1.60 0.00	29.55 1.50 0.00	27.05 1.42 0.00	28.70 1.66 0.00	31.71 2.11 0.00	35.43 2.29 0.00	32.15 2.08 0.00	41.03 2.27 0.00	36.14 1.56 0.00	25.90 1.09 0.00
NEG NORTH_FLCN_SEA 23793	-12.50 -0.92 40.29	10.81 -0.97 15.75	24.54 -0.90 0.00	22.55 -0.92 0.00	13.90 -0.98 10.88	45.02 -1.71 0.00	35.01 -0.91 0.00	36.52 -1.61 0.00	35.04 -1.80 0.00	36.39 -1.39 0.00	34.38 -1.53 0.00	38.27 -2.06 0.00	36.40 -1.68 0.00	34.85 -1.30 0.00	21.87 -0.70 8.03	23.26 -0.85 3.95	24.86 -0.77 0.00	25.94 -1.10 0.00	28.21 -1.40 0.00	31.72 -1.41 0.00	29.40 -0.68 0.00	39.10 0.34 0.00	35.50 0.92 0.00	25.59 0.79 0.00
NEG NORTH_KES_CHATEGAY 23792	-14.47 -0.78 42.41	10.20 -0.75 16.57	24.66 -0.78 0.00	22.65 -0.83 0.00	13.48 -0.82 11.46	45.25 -1.48 0.00	34.90 -1.02 0.00	36.45 -1.02 0.00	35.16 -1.67 0.00	36.32 -1.47 0.00	34.44 -1.47 0.00	38.52 -1.81 0.00	36.61 -1.46 0.00	35.10 -1.06 0.00	21.89 -0.68 8.03	23.45 -0.66 3.95	25.00 -0.62 0.00	26.16 -0.88 0.00	28.45 -1.15 0.00	32.05 -1.08 0.00	29.57 -0.51 0.00	38.85 0.09 0.00	35.16 0.57 0.00	25.24 0.43 0.00
NEG NORTH___ALICE_FALLS 23915	-12.67 -0.76 40.63	10.84 -0.81 15.88	24.67 -0.77 0.00	22.66 -0.81 0.00	13.95 -0.83 10.97	45.28 -1.45 0.00	35.19 -0.73 0.00	36.73 -1.40 0.00	35.29 -1.54 0.00	36.65 -1.13 0.00	34.64 -1.27 0.00	38.60 -1.73 0.00	36.73 -1.34 0.00	35.17 -0.99 0.00	22.09 -0.47 8.03	23.53 -0.57 3.95	25.11 -0.52 0.00	26.23 -0.80 0.00	28.55 -1.05 0.00	32.11 -1.02 0.00	29.76 -0.32 0.00	39.39 0.62 0.00	35.69 1.10 0.00	25.67 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	-12.67 -0.76 40.63	10.84 -0.81 15.88	24.67 -0.77 0.00	22.66 -0.81 0.00	13.95 -0.83 10.97	45.28 -1.45 0.00	35.19 -0.73 0.00	36.73 -1.40 0.00	35.29 -1.54 0.00	36.65 -1.13 0.00	34.64 -1.27 0.00	38.60 -1.73 0.00	36.73 -1.34 0.00	35.17 -0.99 0.00	22.09 -0.47 8.03	23.53 -0.57 3.95	25.11 -0.52 0.00	26.23 -0.80 0.00	28.55 -1.05 0.00	32.11 -1.02 0.00	29.76 -0.32 0.00	39.39 0.62 0.00	35.69 1.10 0.00	25.67 0.87 0.00
NEG NORTH___PLATTSBURG 23628	-12.67 -0.76 40.63	10.84 -0.80 15.88	24.67 -0.77 0.00	22.66 -0.81 0.00	13.95 -0.83 10.97	45.28 -1.45 0.00	35.19 -0.73 0.00	36.73 -1.40 0.00	35.29 -1.54 0.00	36.65 -1.14 0.00	34.64 -1.27 0.00	38.60 -1.73 0.00	36.73 -1.34 0.00	35.17 -0.99 0.00	22.09 -0.47 8.03	23.53 -0.57 3.95	25.11 -0.52 0.00	26.23 -0.80 0.00	28.55 -1.05 0.00	32.11 -1.02 0.00	29.76 -0.32 0.00	39.39 0.62 0.00	35.68 1.10 0.00	25.67 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	28.97 0.25 0.00	28.19 0.67 0.00	26.46 1.03 0.00	24.41 0.94 0.00	27.07 1.31 0.00	48.54 1.81 0.00	37.29 1.37 0.00	39.32 1.19 0.00	38.11 1.28 0.00	39.16 1.37 0.00	37.31 1.41 0.00	42.49 2.16 0.00	39.81 1.73 0.00	37.55 1.39 0.00	31.41 0.82 0.00	28.77 0.72 0.00	25.98 0.35 0.00	27.52 0.48 0.00	29.98 0.38 0.00	33.39 0.25 0.00	30.25 0.17 0.00	38.80 0.04 0.00	34.70 0.12 0.00	25.11 0.31 0.00
NEG WEST___LANCASTR 23811	29.83 1.11 0.00	28.88 1.36 0.00	27.10 1.66 0.00	24.98 1.51 0.00	27.60 1.84 0.00	49.69 2.95 0.00	38.41 2.49 0.00	40.75 2.62 0.00	39.34 2.51 0.00	40.39 2.61 0.00	38.55 2.64 0.00	43.87 3.54 0.00	41.03 2.95 0.00	38.76 2.60 0.00	32.47 1.87 0.00	29.74 1.69 0.00	26.85 1.22 0.00	28.50 1.46 0.00	31.04 1.44 0.00	34.42 1.28 0.00	31.17 1.09 0.00	40.05 1.28 0.00	35.69 1.11 0.00	25.80 0.99 0.00
NEG_PENN_ALLEGHNY 23528	29.62 0.90 0.00	28.31 0.78 0.00	26.44 1.00 0.00	24.39 0.91 0.00	26.67 0.92 0.00	48.59 1.86 0.00	37.60 1.68 0.00	40.45 2.32 0.00	38.96 2.13 0.00	39.64 1.86 0.00	37.90 1.99 0.00	42.84 2.51 0.00	40.05 1.98 0.00	37.92 1.76 0.00	32.01 1.41 0.00	29.33 1.27 0.00	26.62 0.99 0.00	28.28 1.24 0.00	30.95 1.35 0.00	34.03 0.90 0.00	30.84 0.76 0.00	39.62 0.85 0.00	35.11 0.52 0.00	25.28 0.48 0.00
NEG___GEN_MONROE 24207	29.17 0.45 0.00	28.23 0.70 0.00	26.38 0.94 0.00	24.35 0.88 0.00	26.93 1.17 0.00	48.60 1.87 0.00	37.55 1.63 0.00	39.69 1.56 0.00	38.38 1.55 0.00	39.44 1.66 0.00	37.51 1.60 0.00	42.52 2.19 0.00	39.86 1.79 0.00	37.57 1.41 0.00	31.56 0.96 0.00	28.90 0.85 0.00	26.22 0.59 0.00	27.78 0.73 0.00	30.35 0.75 0.00	33.92 0.79 0.00	30.77 0.69 0.00	39.46 0.70 0.00	35.17 0.58 0.00	25.34 0.54 0.00
NEPA___ENERGY 23901	29.49 0.77 0.00	28.38 0.86 0.00	26.69 1.26 0.00	24.61 1.13 0.00	27.05 1.29 0.00	49.07 2.34 0.00	37.96 2.04 0.00	40.59 2.46 0.00	39.09 2.26 0.00	39.80 2.01 0.00	38.21 2.30 0.00	43.58 3.25 0.00	40.59 2.51 0.00	38.42 2.26 0.00	32.22 1.62 0.00	29.51 1.46 0.00	26.57 0.94 0.00	28.23 1.19 0.00	30.74 1.14 0.00	34.07 0.93 0.00	30.83 0.75 0.00	39.68 0.92 0.00	35.24 0.66 0.00	25.54 0.73 0.00
NEVERSINK___HYD 23608	30.36 1.64 0.00	29.07 1.55 0.00	26.98 1.54 0.00	24.92 1.45 0.00	27.22 1.46 0.00	49.61 2.88 0.00	38.29 2.37 0.00	41.27 3.14 0.00	39.83 2.99 0.00	40.53 2.75 0.00	38.50 2.59 0.00	43.04 2.71 0.00	40.42 2.35 0.00	38.20 2.04 0.00	32.32 1.72 0.00	29.73 1.68 0.00	27.19 1.56 0.00	28.87 1.83 0.00	31.91 2.31 0.00	35.61 2.48 0.00	32.29 2.21 0.00	41.22 2.46 0.00	36.36 1.77 0.00	26.07 1.27 0.00

NEWKRMKL_115KV_TB1 55635	28.71 -0.01 0.00	27.49 -0.03 0.00	25.49 0.05 0.00	23.55 0.07 0.00	25.79 0.03 0.00	46.80 0.07 0.00	36.02 0.10 0.00	38.61 0.47 0.00	37.26 0.42 0.00	38.25 0.46 0.00	36.24 0.33 0.00	40.66 0.32 0.00	38.29 0.21 0.00	36.15 0.00 0.00	30.60 0.00 0.00	28.03 -0.02 0.00	25.69 0.07 0.00	27.24 0.20 0.00	29.98 0.38 0.00	33.46 0.32 0.00	30.33 0.25 0.00	38.90 0.14 0.00	34.40 -0.18 0.00	24.65 -0.16 0.00
NEWTON___FALLS_HYD 23847	32.72 0.21 -3.79	29.16 0.15 -1.48	25.41 -0.04 0.00	23.40 -0.08 0.00	26.76 -0.02 -1.02	46.48 -0.25 0.00	35.51 -0.42 0.00	37.05 -1.08 0.00	36.18 -0.65 0.00	37.27 -0.52 0.00	35.30 -0.61 0.00	39.66 -0.67 0.00	37.46 -0.61 0.00	35.65 -0.51 0.00	30.22 -0.38 0.00	27.74 -0.31 0.00	25.29 -0.34 0.00	26.57 -0.47 0.00	29.09 -0.51 0.00	32.89 -0.24 0.00	30.04 -0.04 0.00	38.81 0.05 0.00	34.92 0.33 0.00	24.98 0.18 0.00
NGRID_A1_DSASP 323792	28.20 -0.52 0.00	27.41 -0.12 0.00	25.79 0.35 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.31 0.40 0.00	41.37 1.04 0.00	38.76 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.78 -0.80 0.00	24.51 -0.30 0.00
NGRID_A2_DSASP 323793	28.20 -0.52 0.00	27.41 -0.12 0.00	25.79 0.35 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.31 0.40 0.00	41.37 1.04 0.00	38.76 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.78 -0.80 0.00	24.51 -0.30 0.00
NGRID_A4_DSASP 323807	28.20 -0.52 0.00	27.41 -0.12 0.00	25.79 0.35 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.31 0.40 0.00	41.37 1.04 0.00	38.76 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.78 -0.80 0.00	24.51 -0.30 0.00
NIAGARA_115E_LBMP 323715	28.59 -0.13 0.00	27.78 0.26 0.00	26.13 0.69 0.00	24.10 0.63 0.00	26.73 0.97 0.00	47.91 1.18 0.00	36.67 0.75 0.00	38.60 0.47 0.00	37.42 0.58 0.00	38.45 0.66 0.00	36.63 0.73 0.00	41.74 1.41 0.00	39.10 1.03 0.00	36.90 0.74 0.00	30.88 0.29 0.00	28.27 0.22 0.00	25.52 -0.11 0.00	27.03 0.00 0.00	29.42 -0.18 0.00	32.76 -0.37 0.00	29.68 -0.40 0.00	38.09 -0.68 0.00	34.09 -0.50 0.00	24.76 -0.05 0.00
NIAGARA_115W_LBMP 323714	28.12 -0.60 0.00	27.34 -0.18 0.00	25.72 0.29 0.00	23.73 0.25 0.00	26.32 0.56 0.00	47.14 0.41 0.00	36.22 0.30 0.00	38.11 -0.03 0.00	36.96 0.12 0.00	38.00 0.21 0.00	36.21 0.30 0.00	41.26 0.93 0.00	38.65 0.57 0.00	36.48 0.32 0.00	30.52 -0.08 0.00	28.06 0.01 0.00	25.38 -0.25 0.00	26.78 -0.26 0.00	29.07 -0.53 0.00	32.36 -0.77 0.00	29.31 -0.76 0.00	37.61 -1.15 0.00	33.68 -0.90 0.00	24.45 -0.36 0.00
NIAGARA_230_LBMP 323716	28.48 -0.24 0.00	27.66 0.14 0.00	26.01 0.57 0.00	23.99 0.52 0.00	26.60 0.84 0.00	47.67 0.94 0.00	36.67 0.75 0.00	38.66 0.53 0.00	37.45 0.61 0.00	38.50 0.72 0.00	36.67 0.77 0.00	41.75 1.42 0.00	39.11 1.04 0.00	36.89 0.74 0.00	30.88 0.29 0.00	28.29 0.24 0.00	25.55 -0.08 0.00	27.08 0.04 0.00	29.47 -0.13 0.00	32.80 -0.34 0.00	29.71 -0.36 0.00	38.15 -0.61 0.00	34.12 -0.46 0.00	24.68 -0.13 0.00
NIAGARA___115KV_198_GIBSON 55903	28.12 -0.60 0.00	27.38 -0.14 0.00	25.72 0.28 0.00	23.73 0.25 0.00	26.32 0.56 0.00	47.14 0.41 0.00	36.22 0.30 0.00	38.11 -0.03 0.00	36.96 0.12 0.00	38.00 0.22 0.00	36.21 0.30 0.00	41.26 0.93 0.00	38.64 0.57 0.00	36.47 0.31 0.00	30.53 -0.07 0.00	28.06 0.01 0.00	25.38 -0.25 0.00	26.78 -0.26 0.00	29.07 -0.53 0.00	32.36 -0.77 0.00	29.31 -0.76 0.00	37.62 -1.15 0.00	33.70 -0.88 0.00	24.45 -0.36 0.00
NIAGARA____ 23760	28.48 -0.24 0.00	27.66 0.14 0.00	26.01 0.57 0.00	23.99 0.52 0.00	26.60 0.84 0.00	47.67 0.94 0.00	36.67 0.75 0.00	38.66 0.53 0.00	37.45 0.61 0.00	38.50 0.72 0.00	36.67 0.77 0.00	41.75 1.42 0.00	39.11 1.04 0.00	36.89 0.74 0.00	30.88 0.29 0.00	28.29 0.24 0.00	25.55 -0.08 0.00	27.08 0.04 0.00	29.47 -0.13 0.00	32.80 -0.34 0.00	29.71 -0.36 0.00	38.15 -0.61 0.00	34.12 -0.46 0.00	24.68 -0.13 0.00
NINE_MILE_1 23575	27.87 -0.85 0.00	26.75 -0.78 0.00	24.80 -0.64 0.00	22.90 -0.57 0.00	25.16 -0.60 0.00	45.61 -1.12 0.00	35.07 -0.86 0.00	37.15 -0.98 0.00	35.91 -0.92 0.00	36.84 -0.95 0.00	35.02 -0.89 0.00	39.38 -0.95 0.00	37.11 -0.97 0.00	35.16 -0.99 0.00	29.69 -0.91 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.77 -0.83 0.00	32.33 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -1.00 0.00	24.19 -0.62 0.00
NINE_MILE_2 23744	27.87 -0.85 0.00	26.75 -0.77 0.00	24.80 -0.63 0.00	22.90 -0.57 0.00	25.16 -0.60 0.00	45.61 -1.12 0.00	35.07 -0.86 0.00	37.15 -0.98 0.00	35.91 -0.92 0.00	36.84 -0.94 0.00	35.02 -0.89 0.00	39.39 -0.95 0.00	37.11 -0.97 0.00	35.16 -0.99 0.00	29.70 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.34 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -1.00 0.00	24.19 -0.62 0.00
NM_CAPITAL___DRP 24208	28.76 0.05 0.00	27.54 0.02 0.00	25.54 0.10 0.00	23.59 0.12 0.00	25.84 0.08 0.00	46.86 0.13 0.00	36.06 0.14 0.00	38.65 0.52 0.00	37.28 0.45 0.00	38.27 0.48 0.00	36.27 0.36 0.00	40.69 0.35 0.00	38.32 0.25 0.00	36.18 0.02 0.00	30.62 0.02 0.00	28.05 0.00 0.00	25.71 0.08 0.00	27.25 0.20 0.00	29.99 0.39 0.00	33.47 0.33 0.00	30.34 0.26 0.00	38.94 0.17 0.00	34.44 -0.15 0.00	24.68 -0.13 0.00
NM_CENTRAL___DRP 24181	28.38 -0.33 0.00	27.26 -0.27 0.00	25.30 -0.14 0.00	23.35 -0.12 0.00	25.67 -0.09 0.00	46.58 -0.15 0.00	35.86 -0.06 0.00	38.03 -0.10 0.00	36.79 -0.05 0.00	37.72 -0.07 0.00	35.86 -0.05 0.00	40.35 0.02 0.00	37.99 -0.08 0.00	35.97 -0.19 0.00	30.34 -0.25 0.00	27.79 -0.26 0.00	25.31 -0.32 0.00	26.75 -0.29 0.00	29.35 -0.25 0.00	33.06 -0.08 0.00	29.97 -0.11 0.00	38.53 -0.23 0.00	34.32 -0.26 0.00	24.71 -0.10 0.00
NM_FRONTIER___DRP 24179	28.12 -0.60 0.00	27.38 -0.14 0.00	25.72 0.28 0.00	23.73 0.25 0.00	26.32 0.56 0.00	47.14 0.41 0.00	36.22 0.30 0.00	38.11 -0.03 0.00	36.96 0.12 0.00	38.00 0.22 0.00	36.21 0.30 0.00	41.26 0.93 0.00	38.64 0.57 0.00	36.47 0.31 0.00	30.53 -0.07 0.00	28.06 0.01 0.00	25.38 -0.25 0.00	26.78 -0.26 0.00	29.07 -0.53 0.00	32.36 -0.77 0.00	29.31 -0.76 0.00	37.62 -1.15 0.00	33.70 -0.88 0.00	24.45 -0.36 0.00

NM_ST_REGIS___HYD 24053	38.12 -0.12 -9.52	31.10 -0.15 -3.72	25.07 -0.37 0.00	23.04 -0.44 0.00	27.98 -0.35 -2.57	45.71 -1.02 0.00	34.85 -1.07 0.00	36.43 -1.70 0.00	35.34 -1.50 0.00	36.47 -1.32 0.00	34.60 -1.31 0.00	38.88 -1.45 0.00	36.96 -1.12 0.00	35.34 -0.82 0.00	21.98 -0.59 8.03	23.61 -0.49 3.95	25.09 -0.53 0.00	26.22 -0.82 0.00	28.56 -1.04 0.00	32.16 -0.98 0.00	29.44 -0.64 0.00	38.34 -0.42 0.00	34.80 0.22 0.00	24.96 0.16 0.00
NORTHPORT___1 23551	30.00 1.29 0.00	28.74 1.22 0.00	26.68 1.24 0.00	24.67 1.20 0.00	26.71 0.95 0.00	48.49 1.76 0.00	37.07 1.15 0.00	40.37 2.24 0.00	39.05 2.21 0.00	39.68 1.90 0.00	37.90 2.00 0.01	41.74 1.41 0.00	39.85 1.78 0.01	37.59 1.76 0.32	32.10 1.51 0.01	29.37 1.32 0.01	26.76 1.13 0.00	28.08 1.03 0.00	31.12 1.52 0.00	34.78 1.65 0.00	31.55 1.47 0.00	40.13 1.36 0.00	35.51 0.92 0.00	25.44 0.63 0.00
NORTHPORT___2 23552	30.00 1.29 0.00	28.74 1.22 0.00	26.68 1.24 0.00	24.67 1.20 0.00	26.71 0.95 0.00	48.49 1.76 0.00	37.07 1.15 0.00	40.37 2.24 0.00	39.05 2.21 0.00	39.68 1.90 0.00	37.90 2.00 0.01	41.74 1.41 0.00	39.85 1.78 0.01	37.59 1.76 0.32	32.10 1.51 0.01	29.37 1.32 0.01	26.76 1.13 0.00	28.08 1.03 0.00	31.12 1.52 0.00	34.78 1.65 0.00	31.55 1.47 0.00	40.13 1.36 0.00	35.51 0.92 0.00	25.44 0.63 0.00
NORTHPORT___3 23553	29.84 1.13 0.00	28.62 1.10 0.00	26.55 1.11 0.00	24.54 1.07 0.00	26.57 0.81 0.00	48.24 1.50 0.00	36.86 0.94 0.00	40.10 1.97 0.00	38.79 1.95 0.00	39.43 1.65 0.00	37.68 1.77 0.01	41.51 1.18 0.00	39.58 1.51 0.01	37.37 1.54 0.33	31.97 1.39 0.02	29.25 1.21 0.01	26.60 0.97 0.00	27.90 0.86 0.00	30.93 1.33 0.00	34.59 1.46 0.00	31.40 1.32 0.00	39.93 1.17 0.00	35.32 0.73 0.00	25.33 0.52 0.00
NORTHPORT___4 23650	29.84 1.13 0.00	28.62 1.10 0.00	26.55 1.11 0.00	24.54 1.07 0.00	26.57 0.81 0.00	48.24 1.50 0.00	36.86 0.94 0.00	40.10 1.97 0.00	38.79 1.95 0.00	39.43 1.65 0.00	37.68 1.77 0.01	41.51 1.18 0.00	39.58 1.51 0.01	37.37 1.54 0.33	31.97 1.39 0.02	29.25 1.21 0.01	26.60 0.97 0.00	27.90 0.86 0.00	30.93 1.33 0.00	34.59 1.46 0.00	31.40 1.32 0.00	39.93 1.17 0.00	35.32 0.73 0.00	25.33 0.52 0.00
NORTHPORT___IC 23718	30.00 1.29 0.00	28.74 1.21 0.00	26.68 1.24 0.00	24.68 1.20 0.00	26.71 0.95 0.00	48.49 1.76 0.00	37.07 1.15 0.00	40.37 2.24 0.00	39.05 2.22 0.00	39.69 1.90 0.00	37.89 1.99 0.01	41.74 1.41 0.00	39.84 1.77 0.01	37.56 1.72 0.32	32.09 1.50 0.01	29.37 1.32 0.01	26.76 1.13 0.00	28.08 1.04 0.00	31.12 1.52 0.00	34.78 1.65 0.00	31.55 1.47 0.00	40.13 1.36 0.00	35.49 0.91 0.00	25.44 0.63 0.00
NORTH___COUNTRY_ESR 323785	-14.63 -0.88 42.46	10.09 -0.84 16.59	24.57 -0.86 0.00	22.57 -0.90 0.00	13.38 -0.90 11.47	45.11 -1.62 0.00	34.78 -1.14 0.00	36.29 -1.83 0.00	35.01 -1.83 0.00	36.17 -1.62 0.00	34.30 -1.62 0.00	38.37 -1.96 0.00	36.49 -1.59 0.00	35.00 -1.16 0.00	21.80 -0.77 8.03	23.36 -0.74 3.95	24.93 -0.70 0.00	26.05 -0.98 0.00	28.34 -1.26 0.00	31.91 -1.22 0.00	29.45 -0.63 0.00	38.69 -0.07 0.00	35.01 0.42 0.00	25.13 0.32 0.00
NPX_GEN_1385_PROXY 323591	29.90 1.18 0.00	28.66 1.14 0.00	26.60 1.16 0.00	24.60 1.13 0.00	26.62 0.87 0.00	48.17 1.44 0.00	37.04 1.12 0.00	40.19 2.06 0.00	38.77 2.04 0.10	39.41 1.63 0.00	37.65 1.74 0.01	41.46 1.13 0.00	39.70 1.63 0.01	37.80 1.61 -0.03	31.97 1.39 0.01	29.16 1.12 0.01	26.68 1.05 0.00	27.95 0.91 0.00	30.99 1.39 0.00	34.43 1.30 0.00	30.03 1.03 1.08	39.66 0.90 0.00	35.18 0.59 0.00	25.26 0.45 0.00
NPX_GEN_CSC 323557	30.10 1.39 0.00	28.80 1.28 0.00	26.84 1.40 0.00	24.87 1.40 0.00	26.76 1.00 0.00	48.63 1.90 0.00	36.59 0.66 0.00	40.40 2.27 0.00	39.19 2.46 0.10	39.92 2.13 0.00	38.26 2.35 0.01	41.95 1.63 0.00	40.33 2.26 0.01	38.49 2.28 -0.06	32.40 1.79 -0.01	29.57 1.52 0.01	27.08 1.45 0.00	28.47 1.42 0.00	31.44 1.84 0.00	35.02 1.89 0.00	30.73 1.73 1.08	40.40 1.63 0.00	35.89 1.30 0.00	25.51 0.71 0.00
NSINS_S_GLNS_FALLS 23858	29.68 0.97 0.00	28.44 0.92 0.00	26.52 1.08 0.00	24.39 0.92 0.00	26.77 1.01 0.00	48.60 1.87 0.00	37.54 1.62 0.00	40.28 2.15 0.00	38.65 1.82 0.00	39.99 2.20 0.00	38.21 2.30 0.00	42.60 2.27 0.00	39.77 1.69 0.00	37.17 1.02 0.00	31.49 0.89 0.00	28.84 0.79 0.00	26.57 0.94 0.00	28.34 1.30 0.00	31.23 1.63 0.00	34.81 1.67 0.00	31.42 1.34 0.00	40.11 1.34 0.00	35.39 0.81 0.00	25.39 0.58 0.00
NUCOR_STEEL___DRP 24197	28.82 0.10 0.00	27.67 0.15 0.00	25.71 0.27 0.00	23.64 0.17 0.00	26.13 0.37 0.00	47.47 0.74 0.00	36.34 0.42 0.00	38.52 0.39 0.00	37.24 0.41 0.00	38.12 0.34 0.00	36.24 0.33 0.00	40.79 0.45 0.00	38.35 0.28 0.00	36.35 0.19 0.00	30.67 0.07 0.00	28.11 0.06 0.00	25.65 0.02 0.00	27.15 0.11 0.00	29.80 0.20 0.00	33.59 0.46 0.00	30.47 0.39 0.00	39.11 0.35 0.00	34.85 0.26 0.00	25.12 0.31 0.00
NUMBER_THREE_WT_PWR 323818	31.04 0.66 -1.66	28.75 0.58 -0.65	25.87 0.43 0.00	23.84 0.37 0.00	26.63 0.42 -0.45	47.54 0.81 0.00	36.44 0.52 0.00	37.87 -0.26 0.00	37.19 0.35 0.00	38.30 0.52 0.00	36.26 0.35 0.00	40.74 0.41 0.00	38.26 0.19 0.00	36.28 0.12 0.00	30.75 0.15 0.00	28.20 0.15 0.00	25.72 0.09 0.00	27.15 0.11 0.00	29.85 0.25 0.00	33.83 0.70 0.00	30.90 0.82 0.00	39.77 1.01 0.00	35.42 0.83 0.00	25.28 0.47 0.00
NYISO_LBMP_REFERENCE 24008	28.71 0.00 0.00	27.52 0.00 0.00	25.44 0.00 0.00	23.47 0.00 0.00	25.76 0.00 0.00	46.73 0.00 0.00	35.92 0.00 0.00	38.13 0.00 0.00	36.83 0.00 0.00	37.78 0.00 0.00	35.91 0.00 0.00	40.33 0.00 0.00	38.07 0.00 0.00	36.16 0.00 0.00	30.60 0.00 0.00	28.05 0.00 0.00	25.63 0.00 0.00	27.04 0.00 0.00	29.60 0.00 0.00	33.13 0.00 0.00	30.08 0.00 0.00	38.76 0.00 0.00	34.59 0.00 0.00	24.81 0.00 0.00
NYPA_BRENTWD____GT 24164	30.33 1.61 0.00	29.03 1.51 0.00	26.94 1.51 0.00	24.92 1.45 0.00	26.98 1.22 0.00	49.03 2.30 0.00	37.51 1.59 0.00	40.90 2.77 0.00	39.58 2.75 0.00	40.22 2.43 0.00	38.41 2.51 0.00	42.23 1.90 0.00	40.33 2.26 0.00	38.11 2.21 0.25	32.48 1.85 -0.03	29.65 1.60 0.00	27.03 1.40 0.00	28.41 1.37 0.00	31.54 1.94 0.00	35.29 2.15 0.00	32.02 1.94 0.00	40.69 1.93 0.00	35.96 1.38 0.00	25.74 0.93 0.00
NYPA_GOWANUS____GT5 24156	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00

NYPA_GOWANUS____GT6 24157	29.95 1.24 0.00	28.68 1.16 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.53 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.83 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.05 0.00	31.96 1.88 0.00	40.68 1.92 0.00	35.85 1.26 0.00	25.74 0.93 0.00
NYPA_HARLEM__RVR__GT1 24160	29.85 1.13 0.00	28.58 1.06 0.00	26.52 1.08 0.00	24.42 0.95 0.00	26.60 0.83 0.00	48.41 1.68 0.00	37.38 1.46 0.00	40.35 2.21 0.00	39.00 2.17 0.00	39.68 1.90 0.00	37.76 1.85 0.00	42.23 1.90 0.00	39.76 1.69 0.00	37.55 1.39 0.00	31.92 1.32 0.00	29.28 1.23 0.00	26.81 1.19 0.00	28.41 1.37 0.00	31.32 1.72 0.00	34.98 1.85 0.00	31.78 1.70 0.00	40.48 1.71 0.00	35.66 1.07 0.00	25.63 0.83 0.00
NYPA_HARLEM__RVR__GT2 24161	29.85 1.13 0.00	28.58 1.06 0.00	26.52 1.08 0.00	24.42 0.95 0.00	26.60 0.83 0.00	48.41 1.68 0.00	37.38 1.46 0.00	40.35 2.21 0.00	39.00 2.17 0.00	39.68 1.90 0.00	37.76 1.85 0.00	42.23 1.90 0.00	39.76 1.69 0.00	37.55 1.39 0.00	31.92 1.32 0.00	29.28 1.23 0.00	26.81 1.19 0.00	28.41 1.37 0.00	31.32 1.72 0.00	34.98 1.85 0.00	31.78 1.70 0.00	40.48 1.71 0.00	35.66 1.07 0.00	25.63 0.83 0.00
NYPA_KENT____GT 24152	29.90 1.18 0.00	28.62 1.10 0.00	26.56 1.12 0.00	24.50 1.03 0.00	26.70 0.94 0.00	48.59 1.86 0.00	37.48 1.56 0.00	40.47 2.34 0.00	39.11 2.27 0.00	39.79 2.00 0.00	37.87 1.96 0.00	42.29 1.97 0.00	39.84 1.77 0.00	37.61 1.45 0.00	31.96 1.36 0.00	29.33 1.28 0.00	26.84 1.22 0.00	28.49 1.45 0.00	31.43 1.82 0.00	35.11 1.98 0.00	31.88 1.81 0.00	40.62 1.85 0.00	35.77 1.19 0.00	25.68 0.88 0.00
NYPA_POUCH1____GT 24155	30.01 1.29 0.00	28.74 1.22 0.00	26.69 1.25 0.00	24.63 1.15 0.00	26.83 1.07 0.00	48.80 2.07 0.00	37.52 1.60 0.00	40.45 2.32 0.00	39.05 2.22 0.00	39.64 1.86 0.00	37.85 1.94 0.00	42.20 1.87 0.00	39.86 1.79 0.00	37.67 1.52 0.00	32.09 1.49 0.00	29.45 1.40 0.00	26.95 1.33 0.00	28.60 1.57 0.00	31.57 1.97 0.00	35.27 2.14 0.00	32.02 1.94 0.00	40.72 1.95 0.00	35.92 1.33 0.00	25.82 1.01 0.00
NYPA_VERNON____GT2 24162	29.83 1.11 0.00	28.55 1.03 0.00	26.49 1.06 0.00	24.44 0.97 0.00	26.63 0.87 0.00	48.50 1.76 0.00	37.43 1.51 0.00	40.40 2.27 0.00	39.06 2.23 0.00	39.78 2.00 0.00	37.85 1.94 0.00	42.32 1.99 0.00	39.83 1.75 0.00	37.56 1.40 0.00	31.90 1.30 0.00	29.27 1.22 0.00	26.79 1.16 0.00	28.43 1.39 0.00	31.36 1.76 0.00	35.02 1.88 0.00	31.81 1.74 0.00	40.55 1.78 0.00	35.71 1.13 0.00	25.63 0.82 0.00
NYPA_VERNON____GT3 24163	29.83 1.11 0.00	28.55 1.03 0.00	26.49 1.06 0.00	24.44 0.97 0.00	26.63 0.87 0.00	48.50 1.76 0.00	37.43 1.51 0.00	40.40 2.27 0.00	39.06 2.23 0.00	39.78 2.00 0.00	37.85 1.94 0.00	42.32 1.99 0.00	39.83 1.75 0.00	37.56 1.40 0.00	31.90 1.30 0.00	29.27 1.22 0.00	26.79 1.16 0.00	28.43 1.39 0.00	31.36 1.76 0.00	35.02 1.88 0.00	31.81 1.74 0.00	40.55 1.78 0.00	35.71 1.13 0.00	25.63 0.82 0.00
NYPA__ASTORIA_CC1 323568	29.77 1.06 0.00	28.50 0.98 0.00	26.44 1.00 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.19 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.77 1.86 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.73 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.58 0.78 0.00
NYPA__ASTORIA_CC2 323569	29.77 1.06 0.00	28.50 0.98 0.00	26.44 1.00 0.00	24.39 0.92 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.35 1.43 0.00	40.33 2.19 0.00	38.98 2.15 0.00	39.70 1.91 0.00	37.77 1.86 0.00	42.22 1.89 0.00	39.73 1.66 0.00	37.46 1.31 0.00	31.82 1.22 0.00	29.19 1.14 0.00	26.73 1.10 0.00	28.35 1.31 0.00	31.27 1.67 0.00	34.94 1.81 0.00	31.75 1.67 0.00	40.46 1.70 0.00	35.64 1.05 0.00	25.58 0.78 0.00
NYPA__HOLTSVILL 23794	30.15 1.43 0.00	28.86 1.34 0.00	26.80 1.37 0.00	24.81 1.34 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.17 1.25 0.00	40.59 2.46 0.00	39.32 2.49 0.00	39.94 2.15 0.00	38.13 2.23 0.01	41.87 1.54 0.00	40.01 1.94 0.01	37.77 1.91 0.29	32.17 1.57 -0.01	29.41 1.36 0.01	26.83 1.21 0.00	28.18 1.14 0.00	31.25 1.65 0.00	34.94 1.81 0.00	31.73 1.65 0.00	40.32 1.55 0.00	35.68 1.10 0.00	25.50 0.70 0.00
NYPA____HELLGATE_GT1 24158	29.85 1.13 0.00	28.58 1.06 0.00	26.52 1.08 0.00	24.42 0.95 0.00	26.60 0.83 0.00	48.41 1.68 0.00	37.38 1.46 0.00	40.34 2.21 0.00	39.00 2.17 0.00	39.68 1.90 0.00	37.76 1.85 0.00	42.19 1.86 0.00	39.73 1.65 0.00	37.54 1.39 0.00	31.92 1.32 0.00	29.28 1.23 0.00	26.81 1.19 0.00	28.41 1.37 0.00	31.32 1.72 0.00	34.98 1.85 0.00	31.78 1.71 0.00	40.49 1.72 0.00	35.66 1.07 0.00	25.63 0.83 0.00
NYPA____HELLGATE_GT2 24159	29.85 1.13 0.00	28.58 1.06 0.00	26.52 1.08 0.00	24.42 0.95 0.00	26.60 0.83 0.00	48.41 1.68 0.00	37.38 1.46 0.00	40.34 2.21 0.00	39.00 2.17 0.00	39.68 1.90 0.00	37.76 1.85 0.00	42.19 1.86 0.00	39.73 1.65 0.00	37.54 1.39 0.00	31.92 1.32 0.00	29.28 1.23 0.00	26.81 1.19 0.00	28.41 1.37 0.00	31.32 1.72 0.00	34.98 1.85 0.00	31.78 1.71 0.00	40.49 1.72 0.00	35.66 1.07 0.00	25.63 0.83 0.00
NYS_BARGE__HYD 23848	29.01 0.29 0.00	28.18 0.66 0.00	26.50 1.06 0.00	24.44 0.97 0.00	27.10 1.35 0.00	48.61 1.88 0.00	37.33 1.41 0.00	39.37 1.24 0.00	38.15 1.32 0.00	39.20 1.42 0.00	37.35 1.44 0.00	42.55 2.22 0.00	39.85 1.78 0.00	37.59 1.43 0.00	31.46 0.86 0.00	28.81 0.76 0.00	26.02 0.39 0.00	27.56 0.52 0.00	30.02 0.42 0.00	33.44 0.30 0.00	30.30 0.22 0.00	38.86 0.09 0.00	34.74 0.15 0.00	25.17 0.36 0.00
OAK ORCHARD__HYD 24046	28.79 0.08 0.00	27.83 0.31 0.00	26.01 0.58 0.00	23.99 0.52 0.00	26.52 0.76 0.00	47.83 1.10 0.00	36.87 0.95 0.00	39.04 0.91 0.00	37.80 0.97 0.00	38.85 1.06 0.00	36.96 1.05 0.00	41.88 1.55 0.00	39.30 1.22 0.00	37.13 0.97 0.00	31.18 0.58 0.00	28.57 0.52 0.00	25.92 0.30 0.00	27.47 0.43 0.00	30.02 0.42 0.00	33.56 0.43 0.00	30.40 0.32 0.00	39.00 0.23 0.00	34.73 0.14 0.00	25.02 0.21 0.00
OAKDALE__35_KV_LOAD 356122	29.48 0.76 0.00	28.19 0.66 0.00	26.32 0.88 0.00	24.27 0.80 0.00	26.55 0.79 0.00	48.36 1.63 0.00	37.41 1.49 0.00	40.23 2.10 0.00	38.76 1.93 0.00	39.44 1.66 0.00	37.71 1.80 0.00	42.61 2.28 0.00	39.85 1.77 0.00	37.73 1.58 0.00	31.86 1.26 0.00	29.17 1.12 0.00	26.49 0.86 0.00	28.15 1.10 0.00	30.80 1.20 0.00	33.83 0.69 0.00	30.65 0.58 0.00	39.41 0.64 0.00	34.91 0.32 0.00	25.15 0.34 0.00

OCC_CHEM___DRP 24175	28.20 -0.52 0.00	27.46 -0.07 0.00	25.79 0.36 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.32 0.41 0.00	41.38 1.05 0.00	38.75 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.80 -0.78 0.00	24.50 -0.30 0.00
OH_GEN_PROXY 24063	28.50 -0.21 0.00	27.67 0.14 0.00	26.01 0.57 0.00	23.98 0.51 0.00	26.57 0.81 0.00	47.66 0.93 0.00	36.69 0.77 0.00	38.75 0.62 0.00	37.41 0.68 0.10	38.55 0.77 0.00	36.73 0.82 0.00	41.80 1.47 0.00	39.15 1.08 0.00	37.29 0.78 -0.35	30.92 0.32 0.00	28.32 0.27 0.00	25.59 -0.04 0.00	27.12 0.08 0.00	29.54 -0.06 0.00	32.86 -0.27 0.00	28.68 -0.32 1.08	38.23 -0.53 0.00	34.15 -0.43 0.00	24.69 -0.12 0.00
OLIN_CORP_DRP 24177	28.61 -0.11 0.00	27.84 0.32 0.00	26.15 0.71 0.00	24.11 0.64 0.00	26.75 0.99 0.00	47.95 1.22 0.00	36.72 0.80 0.00	38.66 0.53 0.00	37.47 0.64 0.00	38.50 0.71 0.00	36.69 0.78 0.00	41.79 1.46 0.00	39.14 1.06 0.00	36.93 0.78 0.00	30.92 0.32 0.00	28.30 0.25 0.00	25.56 -0.07 0.00	27.06 0.02 0.00	29.47 -0.13 0.00	32.80 -0.33 0.00	29.72 -0.36 0.00	38.15 -0.62 0.00	34.15 -0.44 0.00	24.77 -0.03 0.00
OLIN_CORP_DSASP 323712	28.20 -0.52 0.00	27.41 -0.12 0.00	25.79 0.35 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.31 0.40 0.00	41.37 1.04 0.00	38.76 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.78 -0.80 0.00	24.51 -0.30 0.00
ONEIDA_HERK_LFGE 323681	30.18 0.69 -0.77	28.45 0.62 -0.30	25.99 0.56 0.00	23.98 0.51 0.00	26.53 0.57 -0.21	47.85 1.12 0.00	36.83 0.91 0.00	38.83 0.71 0.00	37.78 0.95 0.00	38.80 1.02 0.00	36.82 0.91 0.00	41.35 1.02 0.00	38.86 0.79 0.00	36.81 0.65 0.00	31.17 0.58 0.00	28.60 0.55 0.00	26.12 0.49 0.00	27.63 0.59 0.00	30.36 0.76 0.00	34.17 1.03 0.00	31.07 0.99 0.00	39.95 1.19 0.00	35.51 0.93 0.00	25.40 0.60 0.00
ONEIDA___115KV_TB4 55905	29.51 0.79 0.00	28.25 0.73 0.00	26.15 0.71 0.00	24.12 0.65 0.00	26.51 0.75 0.00	48.28 1.55 0.00	37.25 1.32 0.00	39.55 1.42 0.00	38.32 1.49 0.00	39.28 1.50 0.00	37.31 1.40 0.00	41.94 1.61 0.00	39.39 1.31 0.00	37.23 1.07 0.00	31.49 0.90 0.00	28.90 0.85 0.00	26.42 0.79 0.00	27.96 0.92 0.00	30.73 1.13 0.00	34.54 1.41 0.00	31.33 1.26 0.00	40.25 1.48 0.00	35.74 1.15 0.00	25.61 0.81 0.00
ONONDAGA_REF_OCCRA 23987	28.64 -0.08 0.00	27.49 -0.03 0.00	25.50 0.06 0.00	23.53 0.06 0.00	25.87 0.11 0.00	46.98 0.25 0.00	36.20 0.28 0.00	38.40 0.27 0.00	37.14 0.31 0.00	38.07 0.29 0.00	36.18 0.27 0.00	40.70 0.37 0.00	38.31 0.24 0.00	36.28 0.12 0.00	30.61 0.02 0.00	28.05 0.00 0.00	25.57 -0.06 0.00	27.05 0.01 0.00	29.69 0.09 0.00	33.44 0.31 0.00	30.32 0.24 0.00	38.98 0.21 0.00	34.68 0.10 0.00	24.95 0.15 0.00
ONONDAGA___COGEN 23986	28.52 -0.20 0.00	27.37 -0.15 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.04 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.15 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.06 0.00	24.85 0.05 0.00
ONTARIO___LFGE 23819	29.26 0.55 0.00	28.06 0.54 0.00	26.19 0.75 0.00	24.16 0.69 0.00	26.57 0.82 0.00	48.18 1.45 0.00	37.31 1.39 0.00	39.85 1.72 0.00	38.47 1.64 0.00	39.25 1.47 0.00	37.44 1.53 0.00	42.27 1.94 0.00	39.49 1.42 0.00	37.40 1.25 0.00	31.61 1.01 0.00	28.97 0.92 0.00	26.32 0.69 0.00	27.94 0.90 0.00	30.63 1.03 0.00	34.12 0.98 0.00	30.88 0.81 0.00	39.64 0.87 0.00	35.08 0.49 0.00	25.34 0.54 0.00
ORANGEVILLE_WT_PWR 323706	29.06 0.34 0.00	28.25 0.72 0.00	26.54 1.10 0.00	24.49 1.01 0.00	27.09 1.34 0.00	48.66 1.93 0.00	37.54 1.62 0.00	39.72 1.59 0.00	38.43 1.60 0.00	39.49 1.70 0.00	37.64 1.73 0.00	42.83 2.50 0.00	40.11 2.04 0.00	37.79 1.64 0.00	31.63 1.03 0.00	28.98 0.93 0.00	26.10 0.47 0.00	27.62 0.58 0.00	30.11 0.51 0.00	33.49 0.36 0.00	30.38 0.30 0.00	38.99 0.23 0.00	34.83 0.25 0.00	25.21 0.40 0.00
ORANGEVILLE___ESR 323794	29.06 0.34 0.00	28.25 0.72 0.00	26.54 1.10 0.00	24.49 1.01 0.00	27.09 1.34 0.00	48.66 1.93 0.00	37.54 1.62 0.00	39.72 1.59 0.00	38.43 1.60 0.00	39.49 1.70 0.00	37.64 1.73 0.00	42.83 2.50 0.00	40.11 2.04 0.00	37.79 1.64 0.00	31.63 1.03 0.00	28.98 0.93 0.00	26.10 0.47 0.00	27.62 0.58 0.00	30.11 0.51 0.00	33.49 0.36 0.00	30.38 0.30 0.00	38.99 0.23 0.00	34.83 0.25 0.00	25.21 0.40 0.00
OSWEGATCHIE___HYD 24044	32.72 0.21 -3.79	29.16 0.15 -1.48	25.41 -0.04 0.00	23.40 -0.08 0.00	26.76 -0.02 -1.02	46.49 -0.25 0.00	35.51 -0.41 0.00	37.05 -1.08 0.00	36.18 -0.65 0.00	37.27 -0.51 0.00	35.30 -0.61 0.00	39.66 -0.67 0.00	37.46 -0.62 0.00	35.65 -0.51 0.00	30.22 -0.38 0.00	27.74 -0.31 0.00	25.29 -0.34 0.00	26.57 -0.47 0.00	29.09 -0.51 0.00	32.89 -0.24 0.00	30.04 -0.04 0.00	38.81 0.05 0.00	34.92 0.33 0.00	24.98 0.18 0.00
OSWEGO___5 23606	28.06 -0.66 0.00	26.93 -0.59 0.00	24.97 -0.46 0.00	23.05 -0.41 0.00	25.34 -0.42 0.00	45.94 -0.79 0.00	35.33 -0.59 0.00	37.44 -0.69 0.00	36.20 -0.64 0.00	37.11 -0.67 0.00	35.28 -0.63 0.00	39.69 -0.64 0.00	37.38 -0.70 0.00	35.42 -0.74 0.00	29.92 -0.68 0.00	27.42 -0.63 0.00	25.02 -0.61 0.00	26.44 -0.60 0.00	29.00 -0.60 0.00	32.60 -0.54 0.00	29.57 -0.51 0.00	38.02 -0.74 0.00	33.85 -0.73 0.00	24.37 -0.44 0.00
OSWEGO___6 23613	28.06 -0.66 0.00	26.93 -0.59 0.00	24.97 -0.46 0.00	23.05 -0.41 0.00	25.34 -0.42 0.00	45.94 -0.79 0.00	35.33 -0.59 0.00	37.44 -0.69 0.00	36.20 -0.64 0.00	37.11 -0.67 0.00	35.28 -0.63 0.00	39.69 -0.64 0.00	37.38 -0.70 0.00	35.42 -0.74 0.00	29.92 -0.68 0.00	27.42 -0.63 0.00	25.02 -0.61 0.00	26.44 -0.60 0.00	29.00 -0.60 0.00	32.60 -0.54 0.00	29.57 -0.51 0.00	38.02 -0.74 0.00	33.85 -0.73 0.00	24.37 -0.44 0.00
OUTOKUMPU-AB___DRP 24206	29.08 0.36 0.00	28.28 0.75 0.00	26.55 1.11 0.00	24.48 1.01 0.00	27.14 1.38 0.00	48.70 1.97 0.00	37.47 1.55 0.00	39.55 1.43 0.00	38.34 1.50 0.00	39.37 1.59 0.00	37.55 1.64 0.00	42.75 2.42 0.00	40.04 1.96 0.00	37.81 1.65 0.00	31.62 1.03 0.00	28.99 0.94 0.00	26.18 0.56 0.00	27.71 0.67 0.00	30.15 0.55 0.00	33.58 0.44 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.91 0.32 0.00	25.24 0.43 0.00

OXBOW___BTM 323836	28.65 -0.07 0.00	27.84 0.31 0.00	26.18 0.74 0.00	24.14 0.67 0.00	26.77 1.02 0.00	48.01 1.28 0.00	36.93 1.01 0.00	38.92 0.79 0.00	37.72 0.89 0.00	38.77 0.98 0.00	36.95 1.04 0.00	42.09 1.76 0.00	39.43 1.35 0.00	37.20 1.04 0.00	31.12 0.53 0.00	28.57 0.52 0.00	25.81 0.19 0.00	27.29 0.25 0.00	29.68 0.08 0.00	33.04 -0.09 0.00	29.94 -0.13 0.00	38.41 -0.36 0.00	34.36 -0.23 0.00	24.89 0.08 0.00
OXBOW____ 24026	28.65 -0.07 0.00	27.88 0.35 0.00	26.18 0.74 0.00	24.14 0.67 0.00	26.77 1.02 0.00	48.01 1.28 0.00	36.93 1.01 0.00	38.92 0.79 0.00	37.72 0.89 0.00	38.76 0.98 0.00	36.96 1.05 0.00	42.09 1.76 0.00	39.43 1.35 0.00	37.20 1.04 0.00	31.12 0.53 0.00	28.57 0.52 0.00	25.82 0.19 0.00	27.29 0.25 0.00	29.68 0.07 0.00	33.04 -0.09 0.00	29.94 -0.14 0.00	38.41 -0.35 0.00	34.37 -0.21 0.00	24.88 0.07 0.00
OXY_CHEM_DSASP 323612	28.20 -0.52 0.00	27.46 -0.07 0.00	25.79 0.36 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.32 0.41 0.00	41.38 1.05 0.00	38.75 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.80 -0.78 0.00	24.50 -0.30 0.00
OZONE_PARK_ESR 323760	30.07 1.35 0.00	28.77 1.25 0.00	26.70 1.26 0.00	24.63 1.16 0.00	26.84 1.08 0.00	48.90 2.16 0.00	37.76 1.84 0.00	40.82 2.69 0.00	39.41 2.57 0.00	40.13 2.35 0.00	38.19 2.27 0.00	42.73 2.40 0.00	40.22 2.15 0.00	37.94 1.79 0.00	32.19 1.59 0.00	29.54 1.48 0.00	27.03 1.40 0.00	28.69 1.66 0.00	31.68 2.07 0.00	35.37 2.23 0.00	32.12 2.05 0.00	40.94 2.17 0.00	36.04 1.46 0.00	25.85 1.04 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.20 -0.52 0.00	27.46 -0.07 0.00	25.79 0.36 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.32 0.41 0.00	41.38 1.05 0.00	38.75 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.80 -0.78 0.00	24.50 -0.30 0.00
PACKARD__115KV_DUPONT_184 80571	28.20 -0.52 0.00	27.46 -0.07 0.00	25.79 0.36 0.00	23.79 0.32 0.00	26.39 0.63 0.00	47.27 0.54 0.00	36.32 0.40 0.00	38.22 0.09 0.00	37.06 0.23 0.00	38.11 0.32 0.00	36.32 0.41 0.00	41.38 1.05 0.00	38.75 0.68 0.00	36.58 0.42 0.00	30.61 0.01 0.00	28.13 0.08 0.00	25.43 -0.19 0.00	26.85 -0.19 0.00	29.15 -0.44 0.00	32.45 -0.68 0.00	29.40 -0.68 0.00	37.73 -1.04 0.00	33.80 -0.78 0.00	24.50 -0.30 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.79 1.07 0.00	28.52 1.00 0.00	26.47 1.03 0.00	24.40 0.92 0.00	26.58 0.83 0.00	48.41 1.68 0.00	37.37 1.44 0.00	40.33 2.20 0.00	38.98 2.15 0.00	39.65 1.86 0.00	37.71 1.80 0.00	42.19 1.85 0.00	39.72 1.64 0.00	37.54 1.38 0.00	31.87 1.27 0.00	29.23 1.18 0.00	26.77 1.14 0.00	28.38 1.34 0.00	31.30 1.70 0.00	34.98 1.85 0.00	31.76 1.69 0.00	40.45 1.69 0.00	35.62 1.03 0.00	25.60 0.79 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.99 1.27 0.00	28.73 1.21 0.00	26.67 1.24 0.00	24.59 1.11 0.00	26.82 1.06 0.00	48.87 2.14 0.00	37.74 1.82 0.00	40.71 2.58 0.00	39.30 2.47 0.00	39.90 2.11 0.00	37.95 2.04 0.00	42.45 2.11 0.00	39.95 1.87 0.00	37.76 1.60 0.00	32.05 1.46 0.00	29.37 1.32 0.00	26.90 1.27 0.00	28.52 1.48 0.00	31.45 1.85 0.00	35.20 2.06 0.00	31.95 1.87 0.00	40.69 1.93 0.00	35.80 1.21 0.00	25.73 0.93 0.00
PATROON__115KV_TB1 80586	28.80 0.08 0.00	27.58 0.05 0.00	25.57 0.13 0.00	23.62 0.15 0.00	25.87 0.11 0.00	46.94 0.21 0.00	36.15 0.23 0.00	38.75 0.61 0.00	37.40 0.56 0.00	38.39 0.60 0.00	36.38 0.47 0.00	40.81 0.48 0.00	38.43 0.36 0.00	36.28 0.13 0.00	30.70 0.11 0.00	28.13 0.08 0.00	25.79 0.16 0.00	27.33 0.29 0.00	30.07 0.47 0.00	33.57 0.43 0.00	30.42 0.34 0.00	39.03 0.27 0.00	34.51 -0.07 0.00	24.72 -0.08 0.00
PATTRSNVILLE__SOLAR 323815	29.61 0.90 0.00	28.37 0.85 0.00	26.29 0.85 0.00	24.31 0.83 0.00	26.64 0.88 0.00	48.41 1.68 0.00	37.27 1.35 0.00	39.77 1.65 0.00	38.38 1.55 0.00	39.35 1.56 0.00	37.37 1.46 0.00	41.93 1.60 0.00	39.46 1.39 0.00	37.26 1.10 0.00	31.47 0.88 0.00	28.88 0.82 0.00	26.49 0.87 0.00	28.08 1.04 0.00	30.87 1.26 0.00	34.50 1.37 0.00	31.29 1.21 0.00	40.16 1.40 0.00	35.64 1.06 0.00	25.56 0.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.74 1.02 0.00	28.82 1.29 0.00	27.04 1.60 0.00	24.94 1.47 0.00	27.56 1.81 0.00	49.61 2.88 0.00	38.32 2.39 0.00	40.62 2.49 0.00	39.24 2.41 0.00	40.28 2.50 0.00	38.44 2.53 0.00	43.77 3.44 0.00	40.96 2.88 0.00	38.66 2.50 0.00	32.37 1.77 0.00	29.65 1.60 0.00	26.77 1.14 0.00	28.40 1.36 0.00	30.92 1.32 0.00	34.34 1.21 0.00	31.11 1.03 0.00	39.95 1.19 0.00	35.62 1.03 0.00	25.74 0.94 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	30.11 1.39 0.00	28.83 1.30 0.00	26.75 1.31 0.00	24.71 1.24 0.00	26.95 1.19 0.00	49.10 2.37 0.00	37.94 2.02 0.00	40.95 2.82 0.00	39.53 2.70 0.00	40.32 2.53 0.00	38.31 2.40 0.00	42.86 2.53 0.00	40.30 2.23 0.00	38.01 1.85 0.00	32.20 1.60 0.00	29.55 1.50 0.00	27.05 1.42 0.00	28.70 1.66 0.00	31.71 2.11 0.00	35.43 2.29 0.00	32.15 2.08 0.00	41.03 2.27 0.00	36.14 1.56 0.00	25.90 1.09 0.00
PEEKSKILL____ 23653	29.70 0.98 0.00	28.44 0.92 0.00	26.39 0.95 0.00	24.37 0.90 0.00	26.56 0.80 0.00	48.35 1.62 0.00	37.29 1.37 0.00	40.26 2.13 0.00	38.84 2.01 0.00	39.60 1.82 0.00	37.65 1.74 0.00	42.12 1.79 0.00	39.65 1.57 0.00	37.41 1.25 0.00	31.72 1.12 0.00	29.11 1.06 0.00	26.63 1.01 0.00	28.26 1.22 0.00	31.20 1.60 0.00	34.82 1.69 0.00	31.61 1.54 0.00	40.35 1.58 0.00	35.58 0.99 0.00	25.51 0.71 0.00
PGE MADISON__WINDPWR 24146	31.28 2.56 0.00	29.75 2.23 0.00	27.84 2.40 0.00	25.55 2.08 0.00	28.14 2.38 0.00	51.34 4.61 0.00	39.72 3.80 0.00	42.48 4.34 0.00	41.01 4.17 0.00	41.85 4.06 0.00	39.98 4.07 0.00	44.83 4.50 0.00	41.97 3.89 0.00	39.66 3.50 0.00	33.55 2.96 0.00	30.86 2.81 0.00	28.13 2.51 0.00	30.04 3.01 0.00	33.15 3.55 0.00	37.08 3.95 0.00	33.63 3.55 0.00	43.01 4.24 0.00	37.99 3.41 0.00	27.22 2.42 0.00
PIERCEFIELD__HYD 23852	34.21 -0.08 -5.57	29.59 -0.11 -2.18	25.07 -0.37 0.00	23.05 -0.42 0.00	26.93 -0.34 -1.51	45.63 -1.10 0.00	34.68 -1.24 0.00	36.27 -1.86 0.00	35.22 -1.61 0.00	36.33 -1.46 0.00	34.46 -1.45 0.00	38.78 -1.55 0.00	36.86 -1.22 0.00	35.24 -0.91 0.00	29.91 -0.69 0.00	27.46 -0.58 0.00	24.99 -0.63 0.00	26.12 -0.92 0.00	28.45 -1.15 0.00	32.03 -1.10 0.00	29.25 -0.83 0.00	38.02 -0.74 0.00	34.54 -0.04 0.00	24.78 -0.02 0.00

PINELAWN_CC_1 323563	30.15 1.43 0.00	28.86 1.33 0.00	26.77 1.34 0.00	24.75 1.28 0.00	26.81 1.05 0.00	48.72 1.99 0.00	37.33 1.41 0.00	40.69 2.55 0.00	39.35 2.52 0.00	39.98 2.20 0.00	38.21 2.31 0.00	42.05 1.72 0.00	40.13 2.05 0.00	38.09 2.00 0.06	32.41 1.67 -0.14	29.49 1.44 0.00	26.84 1.21 0.00	28.26 1.22 0.00	31.36 1.76 0.00	35.09 1.96 0.00	31.85 1.77 0.00	40.48 1.72 0.00	35.77 1.19 0.00	25.60 0.79 0.00
PJM_GEN_HTP_PROXY 323702	29.77 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.60 0.85 0.00	48.42 1.69 0.00	37.38 1.45 0.00	41.69 2.24 -1.32	38.96 2.13 0.00	39.71 1.92 0.00	37.76 1.85 0.00	42.26 1.93 0.00	39.33 1.71 0.45	37.52 1.37 0.00	31.85 1.25 0.00	29.23 1.18 0.00	26.76 1.13 0.00	28.39 1.35 0.00	31.34 1.73 0.00	34.37 1.85 0.61	31.77 1.69 0.00	40.49 1.73 0.00	35.67 1.09 0.00	25.59 0.79 0.00
PJM_GEN_KEystone 24065	29.21 0.49 0.00	28.07 0.55 0.00	26.20 0.77 0.00	24.16 0.69 0.00	26.44 0.68 0.00	47.96 1.23 0.00	-72.97 1.11 110.00	254.37 1.70 -214.54	40.23 1.53 -1.86	36.14 1.29 2.94	37.30 1.39 0.00	42.11 1.78 0.00	39.04 1.42 0.45	37.34 1.18 0.00	31.50 0.90 0.00	28.89 0.83 0.00	26.23 0.61 0.00	27.87 0.83 0.00	30.61 1.00 0.00	33.39 0.87 0.61	30.81 0.74 0.00	39.47 0.70 0.00	34.93 0.35 0.00	25.17 0.36 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.80 1.09 0.00	28.55 1.03 0.00	26.48 1.04 0.00	24.47 1.00 0.00	26.53 0.77 0.00	48.24 1.50 0.00	36.95 1.03 0.00	41.51 2.06 -1.32	38.84 2.01 0.00	39.50 1.72 0.00	37.76 1.86 0.01	41.66 1.33 0.00	39.22 1.60 0.46	37.28 1.60 0.48	31.83 1.38 0.15	29.17 1.13 0.01	26.57 0.94 0.00	28.00 0.96 0.00	31.02 1.42 0.00	34.08 1.56 0.61	31.48 1.40 0.00	40.05 1.29 0.00	35.39 0.81 0.00	25.36 0.55 0.00
PJM_GEN_VFT_PROXY 323633	29.62 0.91 0.00	28.37 0.85 0.00	26.34 0.90 0.00	24.31 0.83 0.00	26.47 0.72 0.00	48.16 1.43 0.00	37.15 1.23 0.00	41.46 2.02 -1.32	38.73 1.90 0.00	39.42 1.64 0.00	37.52 1.61 0.00	41.99 1.66 0.00	39.08 1.45 0.45	37.31 1.15 0.00	31.67 1.07 0.00	29.07 1.02 0.00	26.61 0.98 0.00	28.24 1.20 0.00	31.17 1.57 0.00	34.19 1.66 0.61	31.59 1.52 0.00	40.27 1.51 0.00	35.48 0.89 0.00	25.46 0.65 0.00
PLATSBURG_115KV_PMLD1 355749	-12.51 -0.94 40.29	10.79 -0.98 15.74	24.52 -0.92 0.00	22.54 -0.94 0.00	13.88 -1.00 10.88	44.99 -1.75 0.00	34.98 -0.94 0.00	36.48 -1.65 0.00	35.00 -1.83 0.00	36.36 -1.42 0.00	34.36 -1.55 0.00	38.23 -2.10 0.00	36.38 -1.70 0.00	34.84 -1.32 0.00	21.86 -0.71 8.03	23.26 -0.84 3.95	24.87 -0.76 0.00	25.97 -1.07 0.00	28.26 -1.34 0.00	31.78 -1.35 0.00	29.46 -0.62 0.00	39.11 0.35 0.00	35.49 0.91 0.00	25.58 0.77 0.00
PLEASANTVLY___LBMP 24000	29.45 0.73 0.00	28.20 0.68 0.00	26.18 0.74 0.00	24.19 0.72 0.00	26.38 0.62 0.00	48.02 1.29 0.00	37.03 1.11 0.00	39.93 1.80 0.00	38.51 1.68 0.00	39.31 1.52 0.00	37.36 1.45 0.00	41.80 1.47 0.00	39.33 1.26 0.00	37.09 0.94 0.00	31.45 0.85 0.00	28.84 0.79 0.00	26.40 0.77 0.00	28.02 0.98 0.00	30.93 1.33 0.00	34.51 1.38 0.00	31.31 1.23 0.00	39.99 1.23 0.00	35.27 0.69 0.00	25.30 0.50 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.70 0.99 0.00	28.44 0.92 0.00	26.39 0.96 0.00	24.38 0.91 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.34 1.42 0.00	40.29 2.16 0.00	38.88 2.05 0.00	39.64 1.86 0.00	37.70 1.79 0.00	42.15 1.82 0.00	39.69 1.62 0.00	37.44 1.28 0.00	31.75 1.15 0.00	29.13 1.08 0.00	26.66 1.03 0.00	28.28 1.24 0.00	31.23 1.63 0.00	34.84 1.71 0.00	31.62 1.55 0.00	40.37 1.60 0.00	35.59 1.00 0.00	25.52 0.71 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.70 0.99 0.00	28.44 0.92 0.00	26.39 0.96 0.00	24.38 0.91 0.00	26.58 0.82 0.00	48.40 1.67 0.00	37.34 1.42 0.00	40.29 2.16 0.00	38.88 2.05 0.00	39.64 1.86 0.00	37.70 1.79 0.00	42.15 1.82 0.00	39.69 1.62 0.00	37.44 1.28 0.00	31.75 1.15 0.00	29.13 1.08 0.00	26.66 1.03 0.00	28.28 1.24 0.00	31.23 1.63 0.00	34.84 1.71 0.00	31.62 1.55 0.00	40.37 1.60 0.00	35.59 1.00 0.00	25.52 0.71 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	30.17 1.45 0.00	28.87 1.35 0.00	26.79 1.35 0.00	24.76 1.29 0.00	27.02 1.26 0.00	49.24 2.51 0.00	38.06 2.13 0.00	41.06 2.93 0.00	39.64 2.80 0.00	40.43 2.65 0.00	38.40 2.49 0.00	42.95 2.62 0.00	40.36 2.28 0.00	38.08 1.92 0.00	32.24 1.64 0.00	29.59 1.54 0.00	27.09 1.46 0.00	28.78 1.74 0.00	31.80 2.20 0.00	35.54 2.41 0.00	32.25 2.17 0.00	41.18 2.41 0.00	36.28 1.69 0.00	25.98 1.17 0.00
POLETTI____ 23519	29.72 1.00 0.00	28.44 0.91 0.00	26.39 0.96 0.00	24.36 0.89 0.00	26.53 0.78 0.00	48.30 1.57 0.00	37.28 1.36 0.00	40.27 2.14 0.00	38.88 2.05 0.00	39.61 1.83 0.00	37.67 1.76 0.00	42.17 1.83 0.00	39.69 1.61 0.00	37.44 1.28 0.00	31.78 1.18 0.00	29.17 1.12 0.00	26.71 1.08 0.00	28.33 1.30 0.00	31.26 1.66 0.00	34.91 1.77 0.00	31.70 1.62 0.00	40.41 1.64 0.00	35.58 0.99 0.00	25.54 0.73 0.00
POMONA___ESR 323819	29.68 0.96 0.00	28.45 0.93 0.00	26.41 0.97 0.00	24.37 0.90 0.00	26.57 0.81 0.00	48.36 1.63 0.00	37.27 1.35 0.00	40.24 2.11 0.00	38.77 1.93 0.00	39.47 1.68 0.00	37.57 1.66 0.00	42.06 1.73 0.00	39.60 1.53 0.00	37.41 1.25 0.00	31.70 1.10 0.00	29.10 1.05 0.00	26.62 0.99 0.00	28.24 1.20 0.00	31.18 1.58 0.00	34.78 1.64 0.00	31.56 1.48 0.00	40.30 1.53 0.00	35.56 0.97 0.00	25.50 0.70 0.00
PORT_JEFF_3 23555	30.23 1.51 0.00	28.91 1.39 0.00	26.86 1.42 0.00	24.86 1.38 0.00	26.86 1.10 0.00	48.82 2.09 0.00	37.24 1.32 0.00	40.68 2.55 0.00	39.41 2.57 0.00	40.04 2.26 0.00	38.24 2.33 0.01	42.00 1.67 0.00	40.14 2.07 0.01	37.89 2.02 0.29	32.26 1.66 -0.01	29.50 1.45 0.01	26.91 1.28 0.00	28.23 1.19 0.00	31.32 1.71 0.00	35.02 1.89 0.00	31.83 1.75 0.00	40.45 1.69 0.00	35.79 1.20 0.00	25.58 0.77 0.00
PORT_JEFF_4 23616	30.23 1.51 0.00	28.91 1.39 0.00	26.86 1.42 0.00	24.86 1.38 0.00	26.86 1.10 0.00	48.82 2.09 0.00	37.24 1.32 0.00	40.68 2.55 0.00	39.41 2.57 0.00	40.04 2.26 0.00	38.24 2.33 0.01	42.00 1.67 0.00	40.14 2.07 0.01	37.89 2.02 0.29	32.26 1.66 -0.01	29.50 1.45 0.01	26.91 1.28 0.00	28.23 1.19 0.00	31.32 1.71 0.00	35.02 1.89 0.00	31.83 1.75 0.00	40.45 1.69 0.00	35.79 1.20 0.00	25.58 0.77 0.00
PORT_JEFF_IC 23713	30.23 1.52 0.00	28.92 1.40 0.00	26.87 1.43 0.00	24.87 1.40 0.00	26.89 1.13 0.00	48.85 2.12 0.00	37.23 1.31 0.00	40.70 2.57 0.00	39.44 2.60 0.00	40.08 2.30 0.00	38.26 2.36 0.01	42.03 1.70 0.00	40.17 2.10 0.01	37.91 2.03 0.29	32.28 1.67 -0.01	29.53 1.48 0.01	26.94 1.31 0.00	28.20 1.16 0.00	31.28 1.68 0.00	34.99 1.85 0.00	31.86 1.78 0.00	40.47 1.71 0.00	35.80 1.22 0.00	25.59 0.78 0.00

PPL PILGRIM_ST_GT1 24216	30.33 1.61 0.00	29.03 1.51 0.00	26.94 1.51 0.00	24.92 1.45 0.00	26.98 1.22 0.00	49.03 2.30 0.00	37.51 1.59 0.00	40.90 2.77 0.00	39.58 2.75 0.00	40.22 2.43 0.00	38.41 2.51 0.00	42.23 1.90 0.00	40.33 2.26 0.00	38.11 2.21 0.25	32.48 1.85 -0.03	29.65 1.60 0.00	27.03 1.40 0.00	28.41 1.37 0.00	31.54 1.94 0.00	35.29 2.15 0.00	32.02 1.94 0.00	40.69 1.93 0.00	35.96 1.38 0.00	25.74 0.93 0.00
PPL PILGRIM_ST_GT2 24217	30.33 1.61 0.00	29.03 1.51 0.00	26.94 1.51 0.00	24.92 1.45 0.00	26.98 1.22 0.00	49.03 2.30 0.00	37.51 1.59 0.00	40.90 2.77 0.00	39.58 2.75 0.00	40.22 2.43 0.00	38.41 2.51 0.00	42.23 1.90 0.00	40.33 2.26 0.00	38.11 2.21 0.25	32.48 1.85 -0.03	29.65 1.60 0.00	27.03 1.40 0.00	28.41 1.37 0.00	31.54 1.94 0.00	35.29 2.15 0.00	32.02 1.94 0.00	40.69 1.93 0.00	35.96 1.38 0.00	25.74 0.93 0.00
PPL_SHRM_GT3 24213	30.13 1.41 0.00	28.82 1.30 0.00	26.86 1.42 0.00	24.90 1.43 0.00	26.79 1.03 0.00	48.68 1.95 0.00	36.67 0.75 0.00	40.44 2.31 0.00	39.33 2.50 0.00	39.95 2.17 0.00	38.27 2.36 0.01	41.95 1.63 0.00	40.31 2.24 0.01	38.13 2.26 0.29	32.40 1.79 -0.01	29.57 1.52 0.01	27.07 1.45 0.00	28.46 1.42 0.00	31.46 1.86 0.00	35.05 1.92 0.00	31.82 1.74 0.00	40.41 1.65 0.00	35.89 1.30 0.00	25.53 0.72 0.00
PPL_SHRM_GT4 24214	30.13 1.41 0.00	28.82 1.30 0.00	26.86 1.42 0.00	24.90 1.43 0.00	26.79 1.03 0.00	48.68 1.95 0.00	36.67 0.75 0.00	40.44 2.31 0.00	39.33 2.50 0.00	39.95 2.17 0.00	38.27 2.36 0.01	41.95 1.63 0.00	40.31 2.24 0.01	38.13 2.26 0.29	32.40 1.79 -0.01	29.57 1.52 0.01	27.07 1.45 0.00	28.46 1.42 0.00	31.46 1.86 0.00	35.05 1.92 0.00	31.82 1.74 0.00	40.41 1.65 0.00	35.89 1.30 0.00	25.53 0.72 0.00
PROJECT___ORANGE 1 24174	28.40 -0.31 0.00	27.27 -0.25 0.00	25.31 -0.13 0.00	23.37 -0.11 0.00	25.68 -0.07 0.00	46.59 -0.14 0.00	35.89 -0.03 0.00	38.06 -0.07 0.00	36.81 -0.02 0.00	37.75 -0.03 0.00	35.89 -0.02 0.00	40.39 0.06 0.00	38.02 -0.05 0.00	36.00 -0.16 0.00	30.37 -0.23 0.00	27.82 -0.23 0.00	25.32 -0.30 0.00	26.77 -0.27 0.00	29.37 -0.23 0.00	33.08 -0.05 0.00	29.99 -0.09 0.00	38.55 -0.21 0.00	34.34 -0.24 0.00	24.72 -0.08 0.00
PROJECT___ORANGE 2 24166	28.40 -0.31 0.00	27.27 -0.25 0.00	25.31 -0.13 0.00	23.37 -0.11 0.00	25.68 -0.07 0.00	46.59 -0.14 0.00	35.89 -0.03 0.00	38.06 -0.07 0.00	36.81 -0.02 0.00	37.75 -0.03 0.00	35.89 -0.02 0.00	40.39 0.06 0.00	38.02 -0.05 0.00	36.00 -0.16 0.00	30.37 -0.23 0.00	27.82 -0.23 0.00	25.32 -0.30 0.00	26.77 -0.27 0.00	29.37 -0.23 0.00	33.08 -0.05 0.00	29.99 -0.09 0.00	38.55 -0.21 0.00	34.34 -0.24 0.00	24.72 -0.08 0.00
PUCKETT___SOLAR 323809	29.94 1.22 0.00	28.60 1.07 0.00	26.71 1.27 0.00	24.62 1.15 0.00	26.96 1.20 0.00	49.08 2.35 0.00	37.99 2.07 0.00	40.83 2.70 0.00	39.35 2.52 0.00	40.03 2.25 0.00	38.24 2.33 0.00	43.10 2.77 0.00	40.32 2.24 0.00	38.18 2.02 0.00	32.26 1.66 0.00	29.55 1.50 0.00	26.87 1.25 0.00	28.58 1.54 0.00	31.35 1.75 0.00	34.60 1.47 0.00	31.36 1.28 0.00	40.26 1.49 0.00	35.64 1.05 0.00	25.63 0.82 0.00
PYRITES___HYD 24023	34.18 0.49 -4.97	29.88 0.42 -1.94	25.54 0.10 0.00	23.48 0.01 0.00	27.26 0.16 -1.34	46.71 -0.02 0.00	35.62 -0.30 0.00	37.30 -0.83 0.00	36.18 -0.65 0.00	37.26 -0.52 0.00	35.32 -0.59 0.00	39.64 -0.69 0.00	37.58 -0.50 0.00	35.96 -0.20 0.00	30.52 -0.08 0.00	28.02 -0.03 0.00	25.54 -0.09 0.00	26.78 -0.26 0.00	29.22 -0.39 0.00	32.90 -0.24 0.00	30.02 -0.05 0.00	38.99 0.22 0.00	35.33 0.74 0.00	25.29 0.49 0.00
QUAKERRD_115KV_BK1 80622	27.98 -0.74 0.00	27.02 -0.51 0.00	25.19 -0.25 0.00	23.24 -0.23 0.00	25.66 -0.10 0.00	46.35 -0.38 0.00	35.72 -0.20 0.00	37.82 -0.31 0.00	36.61 -0.23 0.00	37.60 -0.19 0.00	35.77 -0.14 0.00	40.44 0.11 0.00	37.99 -0.08 0.00	35.94 -0.22 0.00	30.22 -0.37 0.00	27.69 -0.36 0.00	25.17 -0.46 0.00	26.65 -0.39 0.00	29.15 -0.45 0.00	32.63 -0.50 0.00	29.56 -0.52 0.00	37.94 -0.83 0.00	33.78 -0.81 0.00	24.31 -0.49 0.00
QUENSBRY_115KV_TB8 356137	29.73 1.01 0.00	28.48 0.96 0.00	26.57 1.13 0.00	24.45 0.97 0.00	26.83 1.07 0.00	48.71 1.98 0.00	37.65 1.73 0.00	40.39 2.26 0.00	38.73 1.89 0.00	40.06 2.28 0.00	38.34 2.43 0.00	42.74 2.41 0.00	39.86 1.79 0.00	37.21 1.05 0.00	31.53 0.94 0.00	28.88 0.84 0.00	26.63 1.00 0.00	28.43 1.39 0.00	31.33 1.73 0.00	34.91 1.78 0.00	31.48 1.40 0.00	40.16 1.40 0.00	35.44 0.85 0.00	25.42 0.62 0.00
RAMAPO___LBMP 323565	29.57 0.85 0.00	28.35 0.83 0.00	26.33 0.89 0.00	24.30 0.83 0.00	26.49 0.73 0.00	48.20 1.47 0.00	37.15 1.23 0.00	40.09 1.96 0.00	38.62 1.79 0.00	39.31 1.52 0.00	37.42 1.51 0.00	41.89 1.56 0.00	39.45 1.38 0.00	37.27 1.11 0.00	31.58 0.98 0.00	28.99 0.94 0.00	26.51 0.88 0.00	28.13 1.09 0.00	31.05 1.45 0.00	34.63 1.50 0.00	31.44 1.36 0.00	40.14 1.37 0.00	35.42 0.84 0.00	25.42 0.61 0.00
RANKINE____ 23646	29.38 0.67 0.00	28.53 1.00 0.00	26.77 1.33 0.00	24.68 1.21 0.00	27.32 1.56 0.00	49.11 2.38 0.00	37.87 1.95 0.00	40.08 1.95 0.00	38.79 1.95 0.00	39.83 2.04 0.00	37.99 2.07 0.00	43.24 2.91 0.00	40.47 2.39 0.00	38.20 2.04 0.00	31.97 1.38 0.00	29.28 1.23 0.00	26.42 0.79 0.00	28.00 0.96 0.00	30.48 0.88 0.00	33.90 0.77 0.00	30.73 0.65 0.00	39.45 0.69 0.00	35.21 0.63 0.00	25.45 0.64 0.00
RAVENSWOOD_GT2_1 24244	29.77 1.06 0.00	28.50 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.97 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.24 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.32 1.72 0.00	34.97 1.83 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.06 0.00	25.59 0.78 0.00
RAVENSWOOD_GT2_2 24245	29.77 1.06 0.00	28.50 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.97 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.24 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.32 1.72 0.00	34.97 1.83 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.06 0.00	25.59 0.78 0.00
RAVENSWOOD_GT2_3 24246	29.79 1.07 0.00	28.51 0.99 0.00	26.46 1.02 0.00	24.42 0.94 0.00	26.60 0.85 0.00	48.43 1.70 0.00	37.38 1.46 0.00	40.37 2.24 0.00	38.98 2.15 0.00	39.72 1.93 0.00	37.77 1.86 0.00	42.28 1.95 0.00	39.80 1.72 0.00	37.53 1.37 0.00	31.86 1.26 0.00	29.23 1.18 0.00	26.76 1.13 0.00	28.39 1.36 0.00	31.34 1.73 0.00	34.99 1.85 0.00	31.77 1.69 0.00	40.49 1.73 0.00	35.67 1.09 0.00	25.60 0.79 0.00

RAVENSWOOD_GT2_4 24247	29.79 1.07 0.00	28.51 0.99 0.00	26.46 1.02 0.00	24.42 0.94 0.00	26.60 0.85 0.00	48.43 1.70 0.00	37.38 1.46 0.00	40.37 2.24 0.00	38.98 2.15 0.00	39.72 1.93 0.00	37.77 1.86 0.00	42.28 1.95 0.00	39.80 1.72 0.00	37.53 1.37 0.00	31.86 1.26 0.00	29.23 1.18 0.00	26.76 1.13 0.00	28.39 1.36 0.00	31.34 1.73 0.00	34.99 1.85 0.00	31.77 1.69 0.00	40.49 1.73 0.00	35.67 1.09 0.00	25.60 0.79 0.00
RAVENSWOOD_GT3_1 24248	29.77 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.97 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.32 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.06 0.00	25.59 0.78 0.00
RAVENSWOOD_GT3_2 24249	29.77 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.97 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.32 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.06 0.00	25.59 0.78 0.00
RAVENSWOOD_GT3_3 24250	29.82 1.10 0.00	28.54 1.01 0.00	26.48 1.05 0.00	24.44 0.97 0.00	26.63 0.87 0.00	48.48 1.75 0.00	37.43 1.51 0.00	40.42 2.29 0.00	39.03 2.20 0.00	39.77 1.98 0.00	37.83 1.91 0.00	42.33 2.00 0.00	39.85 1.78 0.00	37.58 1.43 0.00	31.90 1.30 0.00	29.27 1.22 0.00	26.79 1.17 0.00	28.43 1.39 0.00	31.38 1.78 0.00	35.03 1.89 0.00	31.80 1.73 0.00	40.54 1.78 0.00	35.72 1.13 0.00	25.62 0.82 0.00
RAVENSWOOD_GT3_4 24251	29.82 1.10 0.00	28.54 1.01 0.00	26.48 1.05 0.00	24.44 0.97 0.00	26.63 0.87 0.00	48.48 1.75 0.00	37.43 1.51 0.00	40.42 2.29 0.00	39.03 2.20 0.00	39.77 1.98 0.00	37.83 1.91 0.00	42.33 2.00 0.00	39.85 1.78 0.00	37.58 1.43 0.00	31.90 1.30 0.00	29.27 1.22 0.00	26.79 1.17 0.00	28.43 1.39 0.00	31.38 1.78 0.00	35.03 1.89 0.00	31.80 1.73 0.00	40.54 1.78 0.00	35.72 1.13 0.00	25.62 0.82 0.00
RAVENSWOOD_GT_1 23729	29.83 1.11 0.00	28.55 1.03 0.00	26.50 1.06 0.00	24.44 0.97 0.00	26.63 0.87 0.00	48.50 1.77 0.00	37.43 1.51 0.00	40.41 2.28 0.00	39.06 2.23 0.00	39.79 2.00 0.00	37.85 1.94 0.00	42.32 1.99 0.00	39.83 1.75 0.00	37.55 1.40 0.00	31.90 1.30 0.00	29.27 1.22 0.00	26.79 1.16 0.00	28.43 1.39 0.00	31.36 1.76 0.00	35.02 1.88 0.00	31.81 1.74 0.00	40.55 1.78 0.00	35.71 1.12 0.00	25.63 0.83 0.00
RAVENSWOOD_GT_10 24258	29.77 1.06 0.00	28.50 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.96 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.33 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_11 24259	29.77 1.06 0.00	28.50 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.96 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.33 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_4 24252	29.78 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.36 2.23 0.00	38.96 2.13 0.00	39.71 1.92 0.00	37.77 1.86 0.00	42.26 1.93 0.00	39.78 1.71 0.00	37.52 1.36 0.00	31.85 1.25 0.00	29.23 1.17 0.00	26.75 1.13 0.00	28.38 1.34 0.00	31.33 1.73 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.49 1.72 0.00	35.66 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_5 24254	29.78 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.36 2.23 0.00	38.96 2.13 0.00	39.71 1.92 0.00	37.77 1.86 0.00	42.26 1.93 0.00	39.78 1.71 0.00	37.52 1.36 0.00	31.85 1.25 0.00	29.23 1.17 0.00	26.75 1.13 0.00	28.38 1.34 0.00	31.33 1.73 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.49 1.72 0.00	35.66 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_6 24253	29.78 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.36 2.23 0.00	38.96 2.13 0.00	39.71 1.92 0.00	37.77 1.86 0.00	42.26 1.93 0.00	39.78 1.71 0.00	37.52 1.36 0.00	31.85 1.25 0.00	29.23 1.17 0.00	26.75 1.13 0.00	28.38 1.34 0.00	31.33 1.73 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.49 1.72 0.00	35.66 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_7 24255	29.78 1.06 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.36 2.23 0.00	38.96 2.13 0.00	39.71 1.92 0.00	37.77 1.86 0.00	42.26 1.93 0.00	39.78 1.71 0.00	37.52 1.36 0.00	31.85 1.25 0.00	29.23 1.17 0.00	26.75 1.13 0.00	28.38 1.34 0.00	31.33 1.73 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.49 1.72 0.00	35.66 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.77 1.06 0.00	28.50 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.96 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.33 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD_GT_9 24257	29.77 1.06 0.00	28.50 0.97 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.35 2.22 0.00	38.96 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.77 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.74 1.11 0.00	28.38 1.34 0.00	31.33 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD___1 23533	29.78 1.07 0.00	28.51 0.99 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.59 0.83 0.00	48.40 1.67 0.00	37.37 1.45 0.00	40.36 2.23 0.00	38.99 2.16 0.00	39.71 1.92 0.00	37.78 1.87 0.00	42.25 1.92 0.00	39.77 1.69 0.00	37.51 1.35 0.00	31.84 1.25 0.00	29.22 1.17 0.00	26.75 1.12 0.00	28.38 1.34 0.00	31.31 1.71 0.00	34.97 1.84 0.00	31.76 1.69 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.79 0.00

RAVENSWOOD___2 23534	29.78 1.07 0.00	28.51 0.99 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.59 0.83 0.00	48.40 1.67 0.00	37.37 1.45 0.00	40.36 2.23 0.00	38.99 2.16 0.00	39.71 1.92 0.00	37.78 1.87 0.00	42.25 1.92 0.00	39.77 1.69 0.00	37.51 1.35 0.00	31.84 1.25 0.00	29.22 1.17 0.00	26.75 1.12 0.00	28.38 1.34 0.00	31.31 1.71 0.00	34.97 1.84 0.00	31.76 1.69 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.79 0.00
RAVENSWOOD___3 23535	29.77 1.06 0.00	28.51 0.98 0.00	26.45 1.01 0.00	24.41 0.94 0.00	26.59 0.84 0.00	48.42 1.69 0.00	37.36 1.44 0.00	40.36 2.22 0.00	38.97 2.13 0.00	39.70 1.91 0.00	37.76 1.85 0.00	42.25 1.92 0.00	39.78 1.70 0.00	37.51 1.36 0.00	31.85 1.25 0.00	29.23 1.17 0.00	26.74 1.12 0.00	28.38 1.34 0.00	31.33 1.72 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.66 1.07 0.00	25.59 0.78 0.00
RAVENSWOOD___4 23820	29.78 1.07 0.00	28.51 0.99 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.59 0.83 0.00	48.40 1.67 0.00	37.37 1.45 0.00	40.36 2.23 0.00	38.99 2.16 0.00	39.71 1.92 0.00	37.78 1.87 0.00	42.25 1.92 0.00	39.77 1.69 0.00	37.51 1.35 0.00	31.84 1.25 0.00	29.22 1.17 0.00	26.75 1.12 0.00	28.38 1.34 0.00	31.31 1.71 0.00	34.97 1.84 0.00	31.76 1.69 0.00	40.48 1.72 0.00	35.65 1.07 0.00	25.59 0.79 0.00
RCPI_TRUST___DRP 24196	29.80 1.09 0.00	28.52 0.99 0.00	26.47 1.03 0.00	24.42 0.95 0.00	26.62 0.86 0.00	48.47 1.74 0.00	37.41 1.49 0.00	40.41 2.29 0.00	39.01 2.18 0.00	39.76 1.97 0.00	37.80 1.89 0.00	42.33 2.00 0.00	39.84 1.76 0.00	37.57 1.41 0.00	31.89 1.29 0.00	29.26 1.21 0.00	26.79 1.16 0.00	28.43 1.39 0.00	31.37 1.77 0.00	35.03 1.90 0.00	31.80 1.73 0.00	40.53 1.77 0.00	35.70 1.12 0.00	25.62 0.82 0.00
RED___ROCHESTER 323720	28.92 0.21 0.00	27.95 0.43 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.16 1.25 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.32 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.64 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.47 0.00	34.92 0.33 0.00	25.14 0.33 0.00
REGAN___SOLAR 323812	31.70 2.99 0.00	30.33 2.81 0.00	28.11 2.67 0.00	26.06 2.59 0.00	28.63 2.87 0.00	52.21 5.48 0.00	40.34 4.42 0.00	42.87 4.74 0.00	41.55 4.72 0.00	42.63 4.85 0.00	40.36 4.44 0.00	45.19 4.85 0.00	42.48 4.40 0.00	40.07 3.91 0.00	33.64 3.04 0.00	30.90 2.86 0.00	28.53 2.91 0.00	30.38 3.34 0.00	33.42 3.81 0.00	37.45 4.32 0.00	33.97 3.90 0.00	43.54 4.78 0.00	38.69 4.10 0.00	27.68 2.87 0.00
RENSSELAER___COGEN 23796	28.66 -0.06 0.00	27.44 -0.08 0.00	25.44 0.00 0.00	23.50 0.02 0.00	25.74 -0.02 0.00	46.67 -0.06 0.00	35.93 0.01 0.00	38.49 0.36 0.00	37.14 0.30 0.00	38.11 0.33 0.00	36.12 0.21 0.00	40.52 0.19 0.00	38.14 0.07 0.00	36.03 -0.13 0.00	30.50 -0.10 0.00	27.95 -0.10 0.00	25.60 -0.02 0.00	27.14 0.10 0.00	29.88 0.28 0.00	33.36 0.22 0.00	30.24 0.16 0.00	38.81 0.05 0.00	34.33 -0.26 0.00	24.60 -0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.77 2.06 0.00	29.55 2.02 0.00	27.58 2.14 0.00	25.45 1.98 0.00	27.98 2.23 0.00	51.12 4.38 0.00	39.96 4.04 0.00	42.97 4.84 0.00	40.93 4.10 0.00	42.48 4.69 0.00	40.65 4.74 0.00	45.14 4.80 0.00	41.89 3.81 0.00	38.51 2.36 0.00	32.83 2.23 0.00	29.91 1.86 0.00	27.89 2.26 0.00	30.11 3.07 0.00	33.61 4.01 0.00	37.18 4.05 0.00	33.11 3.04 0.00	41.95 3.19 0.00	36.68 2.10 0.00	26.50 1.69 0.00
REVERE_CPPR_DRP 24186	29.83 1.11 0.00	28.53 1.01 0.00	26.38 0.94 0.00	24.33 0.86 0.00	26.74 0.98 0.00	48.69 1.96 0.00	37.58 1.66 0.00	39.82 1.69 0.00	38.67 1.83 0.00	39.67 1.89 0.00	37.68 1.77 0.00	42.34 2.01 0.00	39.74 1.67 0.00	37.60 1.44 0.00	31.81 1.21 0.00	29.19 1.14 0.00	26.68 1.05 0.00	28.24 1.20 0.00	31.04 1.44 0.00	34.92 1.78 0.00	31.69 1.61 0.00	40.71 1.95 0.00	36.14 1.56 0.00	25.87 1.06 0.00
REYNOLDS_115KV_TB3 80639	28.84 0.12 0.00	27.62 0.09 0.00	25.60 0.17 0.00	23.66 0.19 0.00	25.90 0.14 0.00	46.96 0.23 0.00	36.14 0.22 0.00	38.73 0.59 0.00	37.33 0.50 0.00	38.34 0.55 0.00	36.33 0.42 0.00	40.75 0.42 0.00	38.37 0.30 0.00	36.22 0.06 0.00	30.67 0.07 0.00	28.09 0.04 0.00	25.75 0.12 0.00	27.29 0.25 0.00	30.04 0.44 0.00	33.51 0.38 0.00	30.38 0.30 0.00	39.01 0.24 0.00	34.49 -0.09 0.00	24.72 -0.08 0.00
RIVERBAY____ 323610	29.99 1.27 0.00	28.73 1.21 0.00	26.67 1.24 0.00	24.59 1.11 0.00	26.82 1.06 0.00	48.87 2.14 0.00	37.74 1.82 0.00	40.71 2.58 0.00	39.30 2.47 0.00	39.90 2.11 0.00	37.95 2.04 0.00	42.45 2.11 0.00	39.95 1.87 0.00	37.76 1.60 0.00	32.05 1.46 0.00	29.37 1.32 0.00	26.90 1.27 0.00	28.52 1.48 0.00	31.45 1.85 0.00	35.20 2.06 0.00	31.95 1.87 0.00	40.69 1.93 0.00	35.80 1.21 0.00	25.73 0.93 0.00
RIVERSDE_115KV_TB3 55908	28.76 0.05 0.00	27.54 0.02 0.00	25.54 0.10 0.00	23.59 0.12 0.00	25.84 0.08 0.00	46.86 0.13 0.00	36.06 0.14 0.00	38.65 0.52 0.00	37.28 0.45 0.00	38.27 0.48 0.00	36.27 0.36 0.00	40.69 0.35 0.00	38.32 0.25 0.00	36.18 0.02 0.00	30.62 0.02 0.00	28.05 0.00 0.00	25.71 0.08 0.00	27.25 0.20 0.00	29.99 0.39 0.00	33.47 0.33 0.00	30.34 0.26 0.00	38.94 0.17 0.00	34.44 -0.15 0.00	24.68 -0.13 0.00
ROARING___BROOK_WT_PWR 323790	28.67 -0.05 0.00	27.47 -0.05 0.00	25.28 -0.15 0.00	23.30 -0.16 0.00	25.56 -0.19 0.00	46.30 -0.43 0.00	35.52 -0.40 0.00	37.32 -0.81 0.00	35.97 -0.87 0.00	37.22 -0.56 0.00	35.41 -0.50 0.00	39.87 -0.46 0.00	37.79 -0.29 0.00	35.92 -0.23 0.00	30.44 -0.16 0.00	27.92 -0.13 0.00	25.52 -0.11 0.00	26.80 -0.23 0.00	29.23 -0.37 0.00	32.77 -0.36 0.00	29.87 -0.21 0.00	38.65 -0.12 0.00	34.58 -0.01 0.00	24.76 -0.05 0.00
ROCHESRG_115KV_T4 355643	28.66 -0.06 0.00	27.72 0.20 0.00	25.88 0.44 0.00	23.87 0.40 0.00	26.38 0.62 0.00	47.57 0.84 0.00	36.67 0.75 0.00	38.81 0.68 0.00	37.58 0.75 0.00	38.61 0.83 0.00	36.74 0.83 0.00	41.63 1.30 0.00	39.06 0.98 0.00	36.92 0.76 0.00	31.00 0.40 0.00	28.41 0.36 0.00	25.77 0.14 0.00	27.31 0.27 0.00	29.84 0.24 0.00	33.36 0.23 0.00	30.22 0.14 0.00	38.78 0.01 0.00	34.55 -0.03 0.00	24.88 0.08 0.00
ROCHESTER_9_IC 23652	28.82 0.10 0.00	27.88 0.36 0.00	26.02 0.59 0.00	24.00 0.53 0.00	26.52 0.77 0.00	47.85 1.12 0.00	36.89 0.97 0.00	39.05 0.92 0.00	37.84 1.01 0.00	38.87 1.09 0.00	37.00 1.09 0.00	41.92 1.59 0.00	39.32 1.25 0.00	37.17 1.01 0.00	31.22 0.62 0.00	28.60 0.55 0.00	25.95 0.32 0.00	27.50 0.46 0.00	30.04 0.44 0.00	33.59 0.46 0.00	30.43 0.35 0.00	39.03 0.27 0.00	34.77 0.19 0.00	25.03 0.22 0.00

ROCKVIEW_13_KV_LD 356306	29.85 1.13 0.00	28.57 1.05 0.00	26.52 1.08 0.00	24.48 1.01 0.00	26.68 0.92 0.00	48.56 1.83 0.00	37.50 1.57 0.00	40.49 2.36 0.00	39.08 2.24 0.00	39.83 2.05 0.00	37.88 1.97 0.00	42.36 2.03 0.00	39.88 1.81 0.00	37.63 1.47 0.00	31.90 1.31 0.00	29.27 1.22 0.00	26.79 1.16 0.00	28.42 1.38 0.00	31.38 1.78 0.00	35.04 1.90 0.00	31.80 1.72 0.00	40.58 1.82 0.00	35.76 1.17 0.00	25.64 0.83 0.00
ROME____115KV_TB2 80656	29.83 1.11 0.00	28.53 1.01 0.00	26.38 0.94 0.00	24.33 0.86 0.00	26.74 0.98 0.00	48.69 1.96 0.00	37.58 1.66 0.00	39.82 1.69 0.00	38.67 1.83 0.00	39.67 1.89 0.00	37.68 1.77 0.00	42.34 2.01 0.00	39.74 1.67 0.00	37.60 1.44 0.00	31.81 1.21 0.00	29.19 1.14 0.00	26.68 1.05 0.00	28.24 1.20 0.00	31.04 1.44 0.00	34.92 1.78 0.00	31.69 1.61 0.00	40.71 1.95 0.00	36.14 1.56 0.00	25.87 1.06 0.00
ROSETON___1 23587	29.48 0.76 0.00	28.24 0.71 0.00	26.20 0.77 0.00	24.21 0.74 0.00	26.40 0.64 0.00	48.04 1.31 0.00	37.05 1.13 0.00	39.94 1.82 0.00	38.52 1.69 0.00	39.30 1.52 0.00	37.37 1.46 0.00	41.82 1.48 0.00	39.36 1.28 0.00	37.14 0.98 0.00	31.48 0.88 0.00	28.88 0.83 0.00	26.43 0.80 0.00	28.03 0.99 0.00	30.94 1.34 0.00	34.52 1.39 0.00	31.32 1.24 0.00	40.02 1.26 0.00	35.32 0.74 0.00	25.34 0.53 0.00
ROSETON___2 23588	29.48 0.76 0.00	28.24 0.71 0.00	26.20 0.77 0.00	24.21 0.74 0.00	26.40 0.64 0.00	48.04 1.31 0.00	37.05 1.13 0.00	39.94 1.82 0.00	38.52 1.69 0.00	39.30 1.52 0.00	37.37 1.46 0.00	41.82 1.48 0.00	39.36 1.28 0.00	37.14 0.98 0.00	31.48 0.88 0.00	28.88 0.83 0.00	26.43 0.80 0.00	28.03 0.99 0.00	30.94 1.34 0.00	34.52 1.39 0.00	31.32 1.24 0.00	40.02 1.26 0.00	35.32 0.74 0.00	25.34 0.53 0.00
ROTTTRDAM_115KV_TB3 80664	29.29 0.57 0.00	28.06 0.53 0.00	26.01 0.57 0.00	24.02 0.55 0.00	26.32 0.56 0.00	47.79 1.06 0.00	36.80 0.88 0.00	39.36 1.23 0.00	37.95 1.12 0.00	38.94 1.16 0.00	37.00 1.10 0.00	41.49 1.16 0.00	39.05 0.97 0.00	36.87 0.71 0.00	31.19 0.59 0.00	28.58 0.53 0.00	26.19 0.56 0.00	27.75 0.71 0.00	30.52 0.92 0.00	34.09 0.95 0.00	30.90 0.82 0.00	39.65 0.88 0.00	35.15 0.56 0.00	25.20 0.40 0.00
RUSSELL___1 23602	28.93 0.21 0.00	27.99 0.46 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.17 1.26 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.33 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.63 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.46 0.00	34.93 0.34 0.00	25.13 0.33 0.00
RUSSELL___2 23532	28.93 0.21 0.00	27.99 0.46 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.17 1.26 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.33 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.63 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.46 0.00	34.93 0.34 0.00	25.13 0.33 0.00
RUSSELL___3 23549	28.93 0.21 0.00	27.99 0.46 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.17 1.26 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.33 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.63 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.46 0.00	34.93 0.34 0.00	25.13 0.33 0.00
RUSSELL___4 23556	28.93 0.21 0.00	27.99 0.46 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.17 1.26 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.33 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.63 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.46 0.00	34.93 0.34 0.00	25.13 0.33 0.00
RUSSELL___STATION 23914	28.93 0.21 0.00	27.99 0.46 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.17 1.26 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.33 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.63 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.46 0.00	34.93 0.34 0.00	25.13 0.33 0.00
S SALMON___HYD 24043	28.47 -0.25 0.00	27.29 -0.23 0.00	25.25 -0.18 0.00	23.32 -0.15 0.00	25.61 -0.15 0.00	46.53 -0.20 0.00	35.77 -0.15 0.00	37.71 -0.42 0.00	36.66 -0.18 0.00	37.62 -0.16 0.00	35.67 -0.24 0.00	40.05 -0.28 0.00	37.65 -0.42 0.00	35.63 -0.53 0.00	30.08 -0.51 0.00	27.59 -0.46 0.00	25.18 -0.45 0.00	26.60 -0.44 0.00	29.24 -0.36 0.00	33.06 -0.08 0.00	30.10 0.02 0.00	38.67 -0.10 0.00	34.43 -0.16 0.00	24.70 -0.10 0.00
S.PERRY___115KV_TB1 80734	30.28 1.56 0.00	29.14 1.62 0.00	27.22 1.78 0.00	25.12 1.65 0.00	27.68 1.92 0.00	50.27 3.54 0.00	39.02 3.10 0.00	41.76 3.63 0.00	40.25 3.41 0.00	40.92 3.14 0.00	38.82 2.91 0.00	43.84 3.51 0.00	41.08 3.00 0.00	38.91 2.76 0.00	32.62 2.02 0.00	29.73 1.67 0.00	27.10 1.48 0.00	28.91 1.87 0.00	31.84 2.24 0.00	35.33 2.19 0.00	32.06 1.98 0.00	41.05 2.29 0.00	36.30 1.71 0.00	26.05 1.24 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.99 0.27 0.00	28.17 0.64 0.00	26.44 1.00 0.00	24.38 0.91 0.00	27.01 1.25 0.00	48.49 1.76 0.00	37.34 1.42 0.00	39.46 1.33 0.00	38.20 1.37 0.00	39.25 1.46 0.00	37.41 1.50 0.00	42.59 2.26 0.00	39.88 1.81 0.00	37.64 1.48 0.00	31.50 0.90 0.00	28.85 0.80 0.00	26.05 0.42 0.00	27.60 0.56 0.00	30.05 0.45 0.00	33.44 0.30 0.00	30.30 0.22 0.00	38.91 0.14 0.00	34.76 0.17 0.00	25.12 0.31 0.00
SAWYER___23_KV_LOAD 55526	28.99 0.27 0.00	28.17 0.64 0.00	26.44 1.00 0.00	24.38 0.91 0.00	27.01 1.25 0.00	48.49 1.76 0.00	37.34 1.42 0.00	39.46 1.33 0.00	38.20 1.37 0.00	39.25 1.46 0.00	37.41 1.50 0.00	42.59 2.26 0.00	39.88 1.81 0.00	37.64 1.48 0.00	31.50 0.90 0.00	28.85 0.80 0.00	26.05 0.42 0.00	27.60 0.56 0.00	30.05 0.45 0.00	33.44 0.30 0.00	30.30 0.22 0.00	38.91 0.14 0.00	34.76 0.17 0.00	25.12 0.31 0.00
SELKIRK___I 23801	28.99 0.26 0.00	27.78 0.26 0.00	25.74 0.30 0.00	23.78 0.31 0.00	26.07 0.31 0.00	47.31 0.58 0.00	36.40 0.49 0.00	38.92 0.79 0.00	37.57 0.74 0.00	38.54 0.76 0.00	36.55 0.65 0.00	41.03 0.70 0.00	38.63 0.56 0.00	36.51 0.35 0.00	30.87 0.27 0.00	28.25 0.20 0.00	25.88 0.25 0.00	27.44 0.40 0.00	30.20 0.60 0.00	33.75 0.61 0.00	30.59 0.51 0.00	39.29 0.52 0.00	34.80 0.21 0.00	24.95 0.14 0.00

SELKIRK___II 23799	28.86 0.14 0.00	27.64 0.12 0.00	25.62 0.18 0.00	23.67 0.20 0.00	25.92 0.16 0.00	47.04 0.30 0.00	36.20 0.28 0.00	38.76 0.63 0.00	37.40 0.57 0.00	38.34 0.56 0.00	36.37 0.46 0.00	40.80 0.47 0.00	38.41 0.34 0.00	36.31 0.15 0.00	30.74 0.14 0.00	28.16 0.10 0.00	25.78 0.16 0.00	27.32 0.28 0.00	30.07 0.46 0.00	33.58 0.45 0.00	30.45 0.37 0.00	39.09 0.32 0.00	34.60 0.01 0.00	24.80 -0.01 0.00
SENECA OSWGO___HYD 24041	28.20 -0.52 0.00	27.06 -0.46 0.00	25.12 -0.32 0.00	23.19 -0.28 0.00	25.48 -0.28 0.00	46.25 -0.48 0.00	35.59 -0.33 0.00	37.65 -0.48 0.00	36.41 -0.42 0.00	37.29 -0.50 0.00	35.47 -0.44 0.00	39.91 -0.42 0.00	37.52 -0.55 0.00	35.55 -0.60 0.00	30.00 -0.60 0.00	27.50 -0.55 0.00	25.10 -0.52 0.00	26.54 -0.50 0.00	29.10 -0.50 0.00	32.80 -0.33 0.00	29.74 -0.34 0.00	38.16 -0.60 0.00	33.93 -0.66 0.00	24.43 -0.38 0.00
SENECA___115KV_TB3 355854	29.43 0.71 0.00	28.56 1.04 0.00	26.80 1.37 0.00	24.72 1.25 0.00	27.36 1.60 0.00	49.18 2.45 0.00	37.93 2.01 0.00	40.15 2.02 0.00	38.86 2.03 0.00	39.90 2.11 0.00	38.05 2.14 0.00	43.31 2.98 0.00	40.54 2.47 0.00	38.27 2.11 0.00	32.03 1.43 0.00	29.33 1.28 0.00	26.47 0.84 0.00	28.04 1.00 0.00	30.54 0.94 0.00	33.95 0.82 0.00	30.78 0.70 0.00	39.52 0.75 0.00	35.28 0.69 0.00	25.49 0.68 0.00
SENECA___ENERGY 23797	28.82 0.10 0.00	27.68 0.16 0.00	25.79 0.35 0.00	23.79 0.31 0.00	26.20 0.44 0.00	47.52 0.79 0.00	36.61 0.69 0.00	38.97 0.84 0.00	37.66 0.82 0.00	38.51 0.72 0.00	36.68 0.77 0.00	41.34 1.01 0.00	38.77 0.70 0.00	36.72 0.56 0.00	30.98 0.38 0.00	28.40 0.35 0.00	25.84 0.21 0.00	27.39 0.35 0.00	30.04 0.44 0.00	33.63 0.50 0.00	30.44 0.36 0.00	39.07 0.30 0.00	34.66 0.07 0.00	25.00 0.20 0.00
SHOEMAKER___GT 23640	29.49 0.77 0.00	28.26 0.73 0.00	26.23 0.79 0.00	24.22 0.75 0.00	26.44 0.68 0.00	48.07 1.34 0.00	37.06 1.14 0.00	39.91 1.78 0.00	38.50 1.66 0.00	39.23 1.44 0.00	37.26 1.35 0.00	41.74 1.41 0.00	39.30 1.22 0.00	37.10 0.94 0.00	31.43 0.84 0.00	28.84 0.79 0.00	26.39 0.76 0.00	27.96 0.92 0.00	30.89 1.28 0.00	34.47 1.33 0.00	31.27 1.20 0.00	40.00 1.24 0.00	35.33 0.75 0.00	25.35 0.54 0.00
SHOEMAKR_138KV_BK 111 55601	29.48 0.76 0.00	28.23 0.71 0.00	26.21 0.77 0.00	24.21 0.74 0.00	26.42 0.66 0.00	48.04 1.31 0.00	37.04 1.12 0.00	39.88 1.75 0.00	38.47 1.64 0.00	39.21 1.42 0.00	37.26 1.35 0.00	41.73 1.40 0.00	39.29 1.22 0.00	37.10 0.94 0.00	31.44 0.84 0.00	28.84 0.79 0.00	26.39 0.76 0.00	27.97 0.93 0.00	30.87 1.27 0.00	34.45 1.31 0.00	31.26 1.18 0.00	39.98 1.22 0.00	35.31 0.73 0.00	25.34 0.53 0.00
SHOREHAM_IC_1 23715	30.13 1.41 0.00	28.82 1.30 0.00	26.86 1.42 0.00	24.90 1.43 0.00	26.79 1.03 0.00	48.68 1.95 0.00	36.67 0.75 0.00	40.44 2.31 0.00	39.33 2.50 0.00	39.95 2.17 0.00	38.27 2.36 0.01	41.95 1.63 0.00	40.31 2.24 0.01	38.13 2.26 0.29	32.40 1.79 -0.01	29.57 1.52 0.01	27.07 1.45 0.00	28.46 1.42 0.00	31.46 1.86 0.00	35.05 1.92 0.00	31.82 1.74 0.00	40.41 1.65 0.00	35.89 1.30 0.00	25.53 0.72 0.00
SHOREHAM_IC_2 23716	30.13 1.41 0.00	28.82 1.30 0.00	26.86 1.42 0.00	24.90 1.43 0.00	26.79 1.03 0.00	48.68 1.95 0.00	36.67 0.75 0.00	40.44 2.31 0.00	39.33 2.50 0.00	39.95 2.17 0.00	38.27 2.36 0.01	41.95 1.63 0.00	40.31 2.24 0.01	38.13 2.26 0.29	32.40 1.79 -0.01	29.57 1.52 0.01	27.07 1.45 0.00	28.46 1.42 0.00	31.46 1.86 0.00	35.05 1.92 0.00	31.82 1.74 0.00	40.41 1.65 0.00	35.89 1.30 0.00	25.53 0.72 0.00
SISSONVILLE____ 23735	34.21 -0.08 -5.57	29.59 -0.11 -2.18	25.07 -0.37 0.00	23.05 -0.42 0.00	26.93 -0.34 -1.51	45.63 -1.10 0.00	34.68 -1.24 0.00	36.27 -1.86 0.00	35.22 -1.61 0.00	36.33 -1.46 0.00	34.46 -1.45 0.00	38.78 -1.55 0.00	36.86 -1.22 0.00	35.24 -0.91 0.00	29.91 -0.69 0.00	27.46 -0.58 0.00	24.99 -0.63 0.00	26.12 -0.92 0.00	28.45 -1.15 0.00	32.03 -1.10 0.00	29.25 -0.83 0.00	38.02 -0.74 0.00	34.54 -0.04 0.00	24.78 -0.02 0.00
SITHE_IND_GS1 24169	27.88 -0.84 0.00	26.76 -0.76 0.00	24.82 -0.62 0.00	22.91 -0.56 0.00	25.17 -0.58 0.00	45.65 -1.09 0.00	35.08 -0.84 0.00	37.16 -0.97 0.00	35.92 -0.91 0.00	36.84 -0.94 0.00	35.02 -0.89 0.00	39.39 -0.94 0.00	37.11 -0.97 0.00	35.17 -0.99 0.00	29.70 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.34 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -0.99 0.00	24.21 -0.60 0.00
SITHE_IND_GS2 24170	27.88 -0.84 0.00	26.76 -0.76 0.00	24.82 -0.62 0.00	22.91 -0.56 0.00	25.17 -0.58 0.00	45.65 -1.09 0.00	35.08 -0.84 0.00	37.16 -0.97 0.00	35.92 -0.91 0.00	36.84 -0.94 0.00	35.02 -0.89 0.00	39.39 -0.94 0.00	37.11 -0.97 0.00	35.17 -0.99 0.00	29.70 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.34 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -0.99 0.00	24.21 -0.60 0.00
SITHE_IND_GS3 24171	27.88 -0.84 0.00	26.76 -0.76 0.00	24.82 -0.62 0.00	22.91 -0.56 0.00	25.17 -0.58 0.00	45.65 -1.09 0.00	35.08 -0.84 0.00	37.16 -0.97 0.00	35.92 -0.91 0.00	36.84 -0.94 0.00	35.02 -0.89 0.00	39.39 -0.94 0.00	37.11 -0.97 0.00	35.17 -0.99 0.00	29.70 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.34 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -0.99 0.00	24.21 -0.60 0.00
SITHE_IND_GS4 24172	27.88 -0.84 0.00	26.76 -0.76 0.00	24.82 -0.62 0.00	22.91 -0.56 0.00	25.17 -0.58 0.00	45.65 -1.09 0.00	35.08 -0.84 0.00	37.16 -0.97 0.00	35.92 -0.91 0.00	36.84 -0.94 0.00	35.02 -0.89 0.00	39.39 -0.94 0.00	37.11 -0.97 0.00	35.17 -0.99 0.00	29.70 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.34 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -0.99 0.00	24.21 -0.60 0.00
SITHE___BATAVIA 24024	29.58 0.86 0.00	28.67 1.15 0.00	26.91 1.47 0.00	24.81 1.34 0.00	27.50 1.74 0.00	49.51 2.78 0.00	38.14 2.23 0.00	40.35 2.22 0.00	39.13 2.29 0.00	40.14 2.36 0.00	38.22 2.31 0.00	43.48 3.15 0.00	40.76 2.69 0.00	38.41 2.25 0.00	32.17 1.57 0.00	29.49 1.44 0.00	26.68 1.06 0.00	28.27 1.23 0.00	30.84 1.24 0.00	34.42 1.29 0.00	31.18 1.10 0.00	39.94 1.17 0.00	35.60 1.01 0.00	25.71 0.91 0.00
SITHE___INDEPEND 23800	27.88 -0.84 0.00	26.77 -0.75 0.00	24.81 -0.62 0.00	22.91 -0.56 0.00	25.17 -0.59 0.00	45.65 -1.08 0.00	35.08 -0.84 0.00	37.16 -0.97 0.00	35.92 -0.91 0.00	36.84 -0.94 0.00	35.02 -0.89 0.00	39.39 -0.94 0.00	37.11 -0.97 0.00	35.17 -0.99 0.00	29.70 -0.90 0.00	27.22 -0.83 0.00	24.84 -0.79 0.00	26.25 -0.79 0.00	28.78 -0.82 0.00	32.34 -0.80 0.00	29.33 -0.75 0.00	37.71 -1.05 0.00	33.59 -0.99 0.00	24.20 -0.60 0.00

SITHE___MASSENA 23902	29.92 0.18 -1.03	28.07 0.14 -0.40	25.34 -0.10 0.00	23.30 -0.17 0.00	25.98 -0.05 -0.28	46.47 -0.26 0.00	35.54 -0.38 0.00	37.29 -0.84 0.00	36.13 -0.70 0.00	37.23 -0.55 0.00	35.37 -0.54 0.00	39.72 -0.61 0.00	37.67 -0.41 0.00	36.00 -0.15 0.00	22.50 -0.07 8.03	24.08 -0.02 3.95	25.59 -0.04 0.00	26.82 -0.22 0.00	29.17 -0.43 0.00	32.73 -0.41 0.00	29.82 -0.26 0.00	38.73 -0.03 0.00	34.96 0.38 0.00	25.02 0.22 0.00
SITHE___OGDNSBRG 24021	33.06 0.53 -3.81	29.48 0.47 -1.49	25.58 0.14 0.00	23.52 0.04 0.00	27.00 0.21 -1.03	46.88 0.15 0.00	35.81 -0.11 0.00	37.52 -0.61 0.00	36.38 -0.45 0.00	37.46 -0.32 0.00	35.51 -0.40 0.00	39.84 -0.50 0.00	37.73 -0.35 0.00	36.11 -0.05 0.00	30.64 0.04 0.00	28.13 0.08 0.00	25.67 0.04 0.00	26.94 -0.10 0.00	29.38 -0.22 0.00	33.05 -0.08 0.00	30.14 0.07 0.00	39.14 0.37 0.00	35.41 0.82 0.00	25.33 0.53 0.00
SITHE___STERLING 23777	29.51 0.79 0.00	28.24 0.72 0.00	26.15 0.71 0.00	24.12 0.65 0.00	26.51 0.75 0.00	48.28 1.55 0.00	37.25 1.32 0.00	39.55 1.42 0.00	38.32 1.49 0.00	39.28 1.50 0.00	37.30 1.40 0.00	41.94 1.60 0.00	39.38 1.31 0.00	37.22 1.07 0.00	31.49 0.90 0.00	28.90 0.85 0.00	26.41 0.79 0.00	27.96 0.92 0.00	30.73 1.13 0.00	34.54 1.41 0.00	31.33 1.26 0.00	40.25 1.48 0.00	35.73 1.15 0.00	25.61 0.80 0.00
SLEIGHT__34_KV_TB1 80719	28.52 -0.19 0.00	27.50 -0.03 0.00	25.61 0.17 0.00	23.60 0.13 0.00	26.07 0.31 0.00	47.19 0.46 0.00	36.35 0.43 0.00	38.54 0.41 0.00	37.32 0.49 0.00	38.29 0.50 0.00	36.43 0.52 0.00	41.11 0.78 0.00	38.65 0.57 0.00	36.58 0.42 0.00	30.77 0.17 0.00	28.22 0.17 0.00	25.65 0.03 0.00	27.17 0.13 0.00	29.75 0.15 0.00	33.36 0.22 0.00	30.21 0.13 0.00	38.74 -0.03 0.00	34.47 -0.12 0.00	24.81 0.01 0.00
SOUTH CAIRO___GT 23612	29.80 1.08 0.00	28.57 1.04 0.00	26.46 1.02 0.00	24.48 1.00 0.00	26.86 1.10 0.00	48.87 2.14 0.00	37.73 1.81 0.00	40.44 2.31 0.00	39.09 2.25 0.00	40.14 2.36 0.00	37.95 2.04 0.00	42.59 2.26 0.00	40.00 1.92 0.00	37.73 1.57 0.00	31.88 1.28 0.00	29.04 0.98 0.00	26.61 0.99 0.00	28.46 1.42 0.00	31.51 1.91 0.00	35.23 2.10 0.00	31.85 1.77 0.00	40.82 2.06 0.00	36.01 1.43 0.00	25.74 0.94 0.00
SOUTH HAMPTN___IC 23720	30.63 1.91 0.00	29.29 1.77 0.00	27.27 1.83 0.00	25.28 1.81 0.00	27.25 1.49 0.00	49.54 2.81 0.00	37.47 1.55 0.00	41.25 3.12 0.00	40.08 3.24 0.00	40.75 2.97 0.00	38.98 3.08 0.01	42.76 2.44 0.00	41.00 2.93 0.01	38.69 2.82 0.29	32.83 2.22 -0.01	29.99 1.94 0.01	27.41 1.78 0.00	28.93 1.89 0.00	32.04 2.44 0.00	35.78 2.64 0.00	32.49 2.41 0.00	41.24 2.47 0.00	36.57 1.99 0.00	26.00 1.19 0.00
SOUTHDOW__115KV_TB1 355954	30.66 1.94 0.00	29.58 2.06 0.00	27.69 2.25 0.00	25.58 2.11 0.00	28.12 2.36 0.00	51.03 4.30 0.00	39.60 3.68 0.00	42.41 4.28 0.00	40.86 4.03 0.00	41.89 4.11 0.00	40.11 4.20 0.00	45.72 5.38 0.00	42.63 4.56 0.00	40.27 4.11 0.00	33.70 3.10 0.00	30.89 2.84 0.00	27.84 2.22 0.00	29.51 2.47 0.00	32.12 2.52 0.00	35.52 2.39 0.00	32.14 2.06 0.00	41.31 2.54 0.00	36.76 2.18 0.00	26.56 1.76 0.00
SOUTHOLD_69_KV_BK 2 55809	30.81 2.09 0.00	29.45 1.93 0.00	27.42 1.98 0.00	25.42 1.95 0.00	27.42 1.66 0.00	49.86 3.13 0.00	37.75 1.83 0.00	41.55 3.42 0.00	40.37 3.54 0.00	41.07 3.28 0.00	39.29 3.38 0.01	43.12 2.79 0.00	41.32 3.24 0.01	38.86 2.99 0.29	32.83 2.23 -0.01	29.97 1.92 0.01	27.42 1.79 0.00	29.18 2.14 0.00	32.35 2.75 0.00	36.15 3.02 0.00	32.80 2.73 0.00	41.62 2.86 0.00	36.89 2.30 0.00	26.34 1.53 0.00
SOUTHOLD___IC 23719	30.81 2.09 0.00	29.46 1.93 0.00	27.42 1.98 0.00	25.42 1.95 0.00	27.42 1.66 0.00	49.86 3.13 0.00	37.75 1.83 0.00	41.55 3.42 0.00	40.37 3.54 0.00	41.06 3.28 0.00	39.29 3.38 0.01	43.12 2.79 0.00	41.33 3.26 0.01	38.90 3.04 0.29	32.85 2.24 -0.01	29.97 1.92 0.01	27.42 1.79 0.00	29.18 2.14 0.00	32.35 2.75 0.00	36.15 3.01 0.00	32.80 2.73 0.00	41.62 2.86 0.00	36.90 2.32 0.00	26.33 1.53 0.00
SOUTH_FORK_WT_PWR 323839	30.83 2.12 0.00	29.46 1.94 0.00	27.44 2.00 0.00	25.44 1.97 0.00	27.44 1.68 0.00	49.91 3.18 0.00	37.79 1.87 0.00	41.60 3.47 0.00	40.41 3.58 0.00	41.12 3.34 0.00	39.35 3.45 0.01	43.23 2.90 0.00	41.43 3.36 0.01	38.94 3.07 0.29	32.97 2.37 -0.01	30.11 2.07 0.01	27.52 1.90 0.00	29.25 2.21 0.00	32.44 2.84 0.00	36.25 3.11 0.00	32.90 2.82 0.00	41.73 2.97 0.00	37.00 2.42 0.00	26.41 1.60 0.00
SPIERFLS_115KV_TB 1 80737	29.59 0.87 0.00	28.35 0.83 0.00	26.46 1.02 0.00	24.31 0.84 0.00	26.68 0.92 0.00	48.41 1.68 0.00	37.34 1.42 0.00	40.06 1.93 0.00	38.46 1.62 0.00	39.78 1.99 0.00	38.07 2.15 0.00	42.44 2.11 0.00	39.60 1.52 0.00	37.01 0.86 0.00	31.34 0.74 0.00	28.73 0.68 0.00	26.45 0.82 0.00	28.19 1.15 0.00	31.06 1.46 0.00	34.63 1.50 0.00	31.26 1.18 0.00	39.91 1.15 0.00	35.25 0.67 0.00	25.28 0.48 0.00
ST LAWRENCE____ 23600	28.57 -0.15 0.00	27.36 -0.17 0.00	25.06 -0.38 0.00	23.06 -0.41 0.00	25.42 -0.34 0.00	46.01 -0.72 0.00	35.22 -0.70 0.00	36.99 -1.14 0.00	35.82 -1.01 0.00	36.91 -0.88 0.00	35.07 -0.84 0.00	39.36 -0.97 0.00	37.35 -0.73 0.00	35.71 -0.44 0.00	22.24 -0.33 8.03	23.83 -0.28 3.95	25.37 -0.26 0.00	26.60 -0.44 0.00	28.93 -0.67 0.00	32.43 -0.70 0.00	29.54 -0.54 0.00	38.37 -0.40 0.00	34.60 0.01 0.00	24.76 -0.05 0.00
STATE_CA_115KV_115_LB 55624	28.80 0.08 0.00	27.58 0.06 0.00	25.57 0.13 0.00	23.63 0.15 0.00	25.87 0.11 0.00	46.95 0.21 0.00	36.15 0.24 0.00	38.75 0.61 0.00	37.40 0.57 0.00	38.40 0.61 0.00	36.38 0.48 0.00	40.81 0.48 0.00	38.44 0.36 0.00	36.29 0.13 0.00	30.70 0.11 0.00	28.14 0.09 0.00	25.79 0.17 0.00	27.34 0.30 0.00	30.09 0.48 0.00	33.58 0.44 0.00	30.43 0.35 0.00	39.04 0.27 0.00	34.51 -0.07 0.00	24.72 -0.08 0.00
STATE_ST_34_KV_LOAD 55959	28.87 0.15 0.00	27.71 0.19 0.00	25.76 0.32 0.00	23.70 0.23 0.00	26.18 0.42 0.00	47.55 0.82 0.00	36.44 0.51 0.00	38.64 0.52 0.00	37.36 0.52 0.00	38.23 0.45 0.00	36.35 0.44 0.00	40.93 0.60 0.00	38.46 0.39 0.00	36.45 0.29 0.00	30.76 0.16 0.00	28.19 0.14 0.00	25.72 0.09 0.00	27.22 0.19 0.00	29.88 0.28 0.00	33.68 0.54 0.00	30.53 0.45 0.00	39.20 0.43 0.00	34.90 0.31 0.00	25.16 0.35 0.00
STATION 5_MISC_HYD 23604	28.81 0.10 0.00	27.86 0.33 0.00	26.02 0.58 0.00	24.00 0.53 0.00	26.52 0.76 0.00	47.85 1.12 0.00	36.89 0.97 0.00	39.05 0.92 0.00	37.83 1.00 0.00	38.87 1.09 0.00	36.99 1.08 0.00	41.92 1.58 0.00	39.33 1.25 0.00	37.17 1.01 0.00	31.22 0.62 0.00	28.60 0.55 0.00	25.95 0.32 0.00	27.50 0.46 0.00	30.04 0.44 0.00	33.59 0.46 0.00	30.43 0.36 0.00	39.03 0.27 0.00	34.76 0.17 0.00	25.03 0.22 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.00 0.28 0.00	27.94 0.41 0.00	26.05 0.61 0.00	24.03 0.55 0.00	26.50 0.74 0.00	47.98 1.25 0.00	37.05 1.13 0.00	39.35 1.22 0.00	38.09 1.25 0.00	39.05 1.26 0.00	37.16 1.25 0.00	41.99 1.67 0.00	39.39 1.32 0.00	37.29 1.13 0.00	31.39 0.79 0.00	28.76 0.71 0.00	26.15 0.52 0.00	27.71 0.67 0.00	30.33 0.73 0.00	33.93 0.80 0.00	30.73 0.65 0.00	39.41 0.65 0.00	35.01 0.43 0.00	25.21 0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.44 -0.28 0.00	27.48 -0.05 0.00	25.63 0.19 0.00	23.64 0.17 0.00	26.12 0.36 0.00	47.16 0.43 0.00	36.35 0.43 0.00	38.50 0.37 0.00	37.28 0.45 0.00	38.30 0.52 0.00	36.45 0.54 0.00	41.25 0.92 0.00	38.75 0.67 0.00	36.64 0.48 0.00	30.78 0.18 0.00	28.21 0.16 0.00	25.61 -0.01 0.00	27.14 0.10 0.00	29.66 0.06 0.00	33.19 0.06 0.00	30.06 -0.02 0.00	38.56 -0.20 0.00	34.33 -0.26 0.00	24.71 -0.10 0.00
STA_56____34_KV_BUS2 355983	28.44 -0.28 0.00	27.48 -0.05 0.00	25.63 0.19 0.00	23.64 0.17 0.00	26.12 0.36 0.00	47.16 0.43 0.00	36.35 0.43 0.00	38.50 0.37 0.00	37.28 0.45 0.00	38.30 0.52 0.00	36.45 0.54 0.00	41.25 0.92 0.00	38.75 0.67 0.00	36.64 0.48 0.00	30.78 0.18 0.00	28.21 0.16 0.00	25.61 -0.01 0.00	27.14 0.10 0.00	29.66 0.06 0.00	33.19 0.06 0.00	30.06 -0.02 0.00	38.56 -0.20 0.00	34.33 -0.26 0.00	24.71 -0.10 0.00
STA_67____115KV_BK2 355882	28.76 0.04 0.00	27.83 0.31 0.00	25.98 0.54 0.00	23.96 0.48 0.00	26.48 0.72 0.00	47.75 1.02 0.00	36.81 0.89 0.00	38.98 0.85 0.00	37.75 0.91 0.00	38.79 1.00 0.00	36.92 1.01 0.00	41.81 1.48 0.00	39.24 1.17 0.00	37.08 0.92 0.00	31.14 0.54 0.00	28.53 0.48 0.00	25.88 0.25 0.00	27.43 0.39 0.00	29.97 0.37 0.00	33.50 0.37 0.00	30.36 0.28 0.00	38.94 0.17 0.00	34.70 0.11 0.00	24.97 0.17 0.00
STA_7____115KV_9TRANS 80674	28.93 0.21 0.00	27.99 0.46 0.00	26.11 0.67 0.00	24.08 0.61 0.00	26.61 0.85 0.00	48.02 1.29 0.00	37.03 1.10 0.00	39.22 1.09 0.00	37.99 1.16 0.00	39.05 1.27 0.00	37.17 1.26 0.00	42.09 1.76 0.00	39.49 1.42 0.00	37.33 1.17 0.00	31.35 0.75 0.00	28.74 0.69 0.00	26.07 0.44 0.00	27.63 0.59 0.00	30.20 0.60 0.00	33.76 0.62 0.00	30.59 0.51 0.00	39.23 0.46 0.00	34.93 0.34 0.00	25.13 0.33 0.00
STA_82____115KV_TB1 80780	28.78 0.07 0.00	27.86 0.33 0.00	26.00 0.57 0.00	23.99 0.51 0.00	26.50 0.74 0.00	47.80 1.07 0.00	36.85 0.93 0.00	39.01 0.88 0.00	37.79 0.95 0.00	38.83 1.04 0.00	36.95 1.04 0.00	41.86 1.52 0.00	39.28 1.21 0.00	37.11 0.96 0.00	31.17 0.57 0.00	28.56 0.50 0.00	25.90 0.28 0.00	27.46 0.42 0.00	30.00 0.40 0.00	33.54 0.40 0.00	30.39 0.31 0.00	38.98 0.21 0.00	34.73 0.14 0.00	25.00 0.19 0.00
STEEL____WIND 323596	29.41 0.70 0.00	28.50 0.98 0.00	26.78 1.34 0.00	24.70 1.23 0.00	27.34 1.58 0.00	49.13 2.39 0.00	37.89 1.97 0.00	40.11 1.98 0.00	38.83 2.00 0.00	39.88 2.09 0.00	38.02 2.11 0.00	43.27 2.94 0.00	40.51 2.43 0.00	38.23 2.07 0.00	31.99 1.39 0.00	29.30 1.25 0.00	26.43 0.80 0.00	28.00 0.96 0.00	30.49 0.88 0.00	33.91 0.78 0.00	30.74 0.66 0.00	39.48 0.71 0.00	35.23 0.64 0.00	25.47 0.66 0.00
STEPHTWN_115KV_BK_2 55603	29.00 0.28 0.00	27.51 -0.01 0.00	25.42 -0.02 0.00	23.47 0.00 0.00	25.73 -0.03 0.00	46.73 0.00 0.00	35.98 0.06 0.00	38.57 0.44 0.00	37.18 0.35 0.00	38.25 0.47 0.00	36.12 0.21 0.00	40.55 0.22 0.00	38.17 0.10 0.00	36.08 -0.07 0.00	30.55 -0.05 0.00	28.01 -0.04 0.00	25.64 0.01 0.00	27.24 0.19 0.00	30.01 0.41 0.00	33.53 0.40 0.00	30.42 0.35 0.00	39.08 0.31 0.00	34.53 -0.05 0.00	24.70 -0.11 0.00
STEUBEN_REC_LFGE 323667	30.19 1.48 0.00	28.96 1.43 0.00	27.09 1.65 0.00	24.97 1.50 0.00	27.40 1.64 0.00	49.91 3.17 0.00	38.84 2.92 0.00	41.82 3.69 0.00	40.24 3.41 0.00	40.88 3.10 0.00	39.08 3.17 0.00	44.24 3.91 0.00	41.18 3.11 0.00	39.03 2.88 0.00	32.80 2.20 0.00	29.94 1.89 0.00	27.02 1.39 0.00	28.72 1.68 0.00	31.56 1.96 0.00	34.73 1.60 0.00	31.47 1.39 0.00	40.40 1.64 0.00	35.66 1.07 0.00	25.66 0.85 0.00
STILLWATER____SOLAR 323814	29.55 0.83 0.00	28.30 0.78 0.00	26.28 0.84 0.00	24.26 0.79 0.00	26.61 0.85 0.00	48.31 1.58 0.00	37.23 1.31 0.00	39.91 1.78 0.00	38.42 1.59 0.00	39.56 1.77 0.00	37.59 1.68 0.00	42.04 1.71 0.00	39.48 1.40 0.00	37.11 0.96 0.00	31.38 0.78 0.00	28.76 0.71 0.00	26.41 0.79 0.00	28.08 1.04 0.00	30.94 1.34 0.00	34.50 1.37 0.00	31.22 1.14 0.00	40.00 1.24 0.00	35.36 0.77 0.00	25.35 0.54 0.00
STONY____BROOK 24151	30.20 1.49 0.00	28.91 1.38 0.00	26.85 1.41 0.00	24.85 1.37 0.00	26.87 1.11 0.00	48.84 2.11 0.00	37.27 1.35 0.00	40.70 2.57 0.00	39.45 2.61 0.00	40.11 2.32 0.00	38.30 2.39 0.01	42.07 1.74 0.00	40.20 2.13 0.01	37.96 2.08 0.28	32.34 1.73 -0.01	29.56 1.51 0.01	26.95 1.32 0.00	28.23 1.19 0.00	31.33 1.72 0.00	35.04 1.91 0.00	31.88 1.80 0.00	40.51 1.74 0.00	35.82 1.23 0.00	25.59 0.78 0.00
STURGEON_POOL_HYD 23609	29.81 1.10 0.00	28.54 1.02 0.00	26.49 1.06 0.00	24.47 1.00 0.00	26.68 0.92 0.00	48.58 1.85 0.00	37.50 1.58 0.00	40.49 2.36 0.00	39.07 2.23 0.00	39.79 2.00 0.00	37.82 1.91 0.00	42.28 1.95 0.00	39.76 1.69 0.00	37.55 1.39 0.00	31.84 1.24 0.00	29.24 1.19 0.00	26.74 1.12 0.00	28.36 1.32 0.00	31.33 1.73 0.00	34.99 1.86 0.00	31.77 1.69 0.00	40.55 1.79 0.00	35.75 1.17 0.00	25.63 0.82 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.55 0.83 0.00	28.31 0.79 0.00	26.29 0.85 0.00	24.28 0.81 0.00	26.48 0.72 0.00	48.18 1.45 0.00	37.14 1.22 0.00	40.04 1.91 0.00	38.61 1.77 0.00	39.33 1.55 0.00	37.41 1.50 0.00	41.90 1.57 0.00	39.44 1.37 0.00	37.25 1.09 0.00	31.56 0.96 0.00	28.97 0.92 0.00	26.49 0.86 0.00	28.10 1.06 0.00	31.02 1.42 0.00	34.61 1.48 0.00	31.41 1.33 0.00	40.12 1.36 0.00	35.42 0.83 0.00	25.42 0.61 0.00
SWANROAD_115KV_TB1 355699	28.60 -0.12 0.00	27.83 0.31 0.00	26.14 0.70 0.00	24.11 0.64 0.00	26.74 0.98 0.00	47.92 1.19 0.00	36.69 0.77 0.00	38.62 0.49 0.00	37.44 0.61 0.00	38.46 0.68 0.00	36.66 0.75 0.00	41.76 1.43 0.00	39.11 1.04 0.00	36.91 0.75 0.00	30.90 0.30 0.00	28.27 0.22 0.00	25.53 -0.10 0.00	27.04 0.01 0.00	29.44 -0.16 0.00	32.78 -0.36 0.00	29.70 -0.38 0.00	38.11 -0.65 0.00	34.12 -0.46 0.00	24.77 -0.04 0.00
SYNERGY____BIOGAS 323694	29.58 0.86 0.00	28.67 1.15 0.00	26.91 1.47 0.00	24.81 1.34 0.00	27.50 1.74 0.00	49.51 2.78 0.00	38.14 2.23 0.00	40.35 2.22 0.00	39.13 2.29 0.00	40.14 2.36 0.00	38.22 2.31 0.00	43.48 3.15 0.00	40.76 2.69 0.00	38.41 2.25 0.00	32.17 1.57 0.00	29.49 1.44 0.00	26.68 1.06 0.00	28.27 1.23 0.00	30.84 1.24 0.00	34.42 1.29 0.00	31.18 1.10 0.00	39.94 1.17 0.00	35.60 1.01 0.00	25.71 0.91 0.00

SYRACUSE___ENERGY_ST1 323597	28.52 -0.20 0.00	27.37 -0.15 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.04 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.15 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.06 0.00	24.85 0.05 0.00
SYRACUSE___ENERGY_ST2 323598	28.52 -0.20 0.00	27.37 -0.15 0.00	25.40 -0.04 0.00	23.44 -0.03 0.00	25.78 0.02 0.00	46.80 0.07 0.00	36.01 0.09 0.00	38.17 0.04 0.00	36.91 0.07 0.00	37.82 0.04 0.00	35.93 0.02 0.00	40.43 0.10 0.00	38.07 -0.01 0.00	36.07 -0.09 0.00	30.46 -0.14 0.00	27.92 -0.13 0.00	25.47 -0.15 0.00	26.94 -0.10 0.00	29.57 -0.03 0.00	33.30 0.17 0.00	30.20 0.12 0.00	38.81 0.04 0.00	34.52 -0.06 0.00	24.85 0.05 0.00
SYRACUSE___POWER 24017	28.59 -0.13 0.00	27.45 -0.08 0.00	25.45 0.01 0.00	23.50 0.02 0.00	25.83 0.07 0.00	46.90 0.16 0.00	36.12 0.20 0.00	38.32 0.18 0.00	37.06 0.23 0.00	37.99 0.21 0.00	36.11 0.20 0.00	40.62 0.29 0.00	38.24 0.16 0.00	36.21 0.05 0.00	30.56 -0.04 0.00	28.00 -0.06 0.00	25.52 -0.11 0.00	26.99 -0.05 0.00	29.62 0.02 0.00	33.37 0.23 0.00	30.25 0.17 0.00	38.89 0.12 0.00	34.61 0.03 0.00	24.90 0.10 0.00
TALLMAN___138KV_BK151 55660	29.65 0.93 0.00	28.42 0.89 0.00	26.39 0.95 0.00	24.36 0.89 0.00	26.56 0.80 0.00	48.32 1.59 0.00	37.23 1.31 0.00	40.20 2.07 0.00	38.72 1.89 0.00	39.42 1.63 0.00	37.53 1.62 0.00	42.01 1.68 0.00	39.56 1.49 0.00	37.38 1.22 0.00	31.67 1.07 0.00	29.08 1.03 0.00	26.59 0.96 0.00	28.22 1.18 0.00	31.15 1.55 0.00	34.74 1.61 0.00	31.53 1.45 0.00	40.26 1.49 0.00	35.52 0.93 0.00	25.48 0.67 0.00
TEALLAVE_115KV_TB7 355573	28.38 -0.33 0.00	27.26 -0.27 0.00	25.30 -0.14 0.00	23.35 -0.12 0.00	25.67 -0.09 0.00	46.58 -0.15 0.00	35.86 -0.06 0.00	38.03 -0.10 0.00	36.79 -0.05 0.00	37.72 -0.07 0.00	35.86 -0.05 0.00	40.35 0.02 0.00	37.99 -0.08 0.00	35.97 -0.19 0.00	30.34 -0.25 0.00	27.79 -0.26 0.00	25.31 -0.32 0.00	26.75 -0.29 0.00	29.35 -0.25 0.00	33.06 -0.08 0.00	29.97 -0.11 0.00	38.53 -0.23 0.00	34.32 -0.26 0.00	24.71 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	29.22 0.50 0.00	28.40 0.88 0.00	26.64 1.20 0.00	24.56 1.09 0.00	27.22 1.46 0.00	48.90 2.17 0.00	37.60 1.68 0.00	39.71 1.58 0.00	38.49 1.66 0.00	39.53 1.75 0.00	37.67 1.76 0.00	42.87 2.54 0.00	40.16 2.08 0.00	37.88 1.72 0.00	31.71 1.11 0.00	29.05 0.99 0.00	26.26 0.63 0.00	27.82 0.78 0.00	30.33 0.73 0.00	33.81 0.68 0.00	30.63 0.55 0.00	39.27 0.50 0.00	35.07 0.49 0.00	25.36 0.55 0.00
TEMPLE___115KV_TB 2 55572	28.40 -0.31 0.00	27.27 -0.25 0.00	25.31 -0.13 0.00	23.37 -0.11 0.00	25.68 -0.07 0.00	46.59 -0.14 0.00	35.89 -0.03 0.00	38.06 -0.07 0.00	36.81 -0.02 0.00	37.75 -0.03 0.00	35.89 -0.02 0.00	40.39 0.06 0.00	38.02 -0.05 0.00	36.00 -0.16 0.00	30.37 -0.23 0.00	27.82 -0.23 0.00	25.32 -0.30 0.00	26.77 -0.27 0.00	29.37 -0.23 0.00	33.08 -0.05 0.00	29.99 -0.09 0.00	38.55 -0.21 0.00	34.34 -0.24 0.00	24.72 -0.08 0.00
TIANA___69_KV_BK 1 55817	30.52 1.80 0.00	29.18 1.66 0.00	27.17 1.73 0.00	25.19 1.72 0.00	27.15 1.40 0.00	49.35 2.62 0.00	37.33 1.41 0.00	41.08 2.96 0.00	39.92 3.09 0.00	40.57 2.79 0.00	38.81 2.91 0.01	42.57 2.24 0.00	40.81 2.74 0.01	38.51 2.64 0.29	32.72 2.11 -0.01	29.90 1.85 0.01	27.33 1.71 0.00	28.82 1.78 0.00	31.91 2.31 0.00	35.65 2.51 0.00	32.34 2.26 0.00	41.05 2.29 0.00	36.39 1.81 0.00	25.89 1.09 0.00
TILDEN___115KV_TB1 80814	28.59 -0.13 0.00	27.45 -0.08 0.00	25.45 0.01 0.00	23.50 0.02 0.00	25.83 0.07 0.00	46.90 0.16 0.00	36.12 0.20 0.00	38.32 0.18 0.00	37.06 0.23 0.00	37.99 0.21 0.00	36.11 0.20 0.00	40.62 0.29 0.00	38.24 0.16 0.00	36.21 0.05 0.00	30.56 -0.04 0.00	28.00 -0.06 0.00	25.52 -0.11 0.00	26.99 -0.05 0.00	29.62 0.02 0.00	33.37 0.23 0.00	30.25 0.17 0.00	38.89 0.12 0.00	34.61 0.03 0.00	24.90 0.10 0.00
TRIGEN___CC 323695	29.92 1.20 0.00	28.65 1.13 0.00	26.58 1.14 0.00	24.55 1.08 0.00	26.65 0.89 0.00	48.44 1.71 0.00	37.17 1.25 0.00	40.39 2.26 0.00	39.03 2.19 0.00	39.72 1.93 0.00	37.96 2.04 -0.01	41.95 1.62 0.00	39.89 1.81 -0.01	38.85 1.73 -0.96	32.84 1.49 -0.75	29.32 1.26 -0.01	26.70 1.07 0.00	28.17 1.13 0.00	31.19 1.59 0.00	34.88 1.75 0.00	31.66 1.58 0.00	40.31 1.54 0.00	35.56 0.97 0.00	25.49 0.69 0.00
TRINITY___115KV__ 4 BK 55933	28.68 -0.03 0.00	27.47 -0.05 0.00	25.47 0.03 0.00	23.53 0.06 0.00	25.77 0.01 0.00	46.73 0.00 0.00	35.97 0.05 0.00	38.54 0.41 0.00	37.18 0.35 0.00	38.16 0.37 0.00	36.18 0.27 0.00	40.58 0.24 0.00	38.21 0.14 0.00	36.08 -0.08 0.00	30.54 -0.06 0.00	27.98 -0.07 0.00	25.65 0.02 0.00	27.18 0.14 0.00	29.92 0.31 0.00	33.40 0.26 0.00	30.27 0.19 0.00	38.85 0.08 0.00	34.36 -0.23 0.00	24.62 -0.19 0.00
UNION___PROCESSING_DRP 323587	28.79 0.07 0.00	27.86 0.34 0.00	26.01 0.57 0.00	23.99 0.52 0.00	26.52 0.76 0.00	47.83 1.10 0.00	36.87 0.95 0.00	39.04 0.91 0.00	37.81 0.97 0.00	38.85 1.06 0.00	36.96 1.06 0.00	41.88 1.55 0.00	39.29 1.22 0.00	37.13 0.97 0.00	31.18 0.58 0.00	28.57 0.52 0.00	25.92 0.30 0.00	27.47 0.43 0.00	30.02 0.42 0.00	33.56 0.43 0.00	30.40 0.32 0.00	39.00 0.23 0.00	34.74 0.15 0.00	25.02 0.21 0.00
UPPER HUDSON___HYD 24058	29.59 0.87 0.00	28.36 0.84 0.00	26.46 1.02 0.00	24.31 0.84 0.00	26.68 0.92 0.00	48.41 1.68 0.00	37.34 1.42 0.00	40.06 1.92 0.00	38.45 1.62 0.00	39.78 1.99 0.00	38.06 2.15 0.00	42.44 2.11 0.00	39.60 1.53 0.00	37.01 0.86 0.00	31.34 0.75 0.00	28.73 0.68 0.00	26.45 0.82 0.00	28.19 1.15 0.00	31.06 1.46 0.00	34.63 1.50 0.00	31.26 1.18 0.00	39.91 1.15 0.00	35.25 0.67 0.00	25.28 0.48 0.00
UPPER RAQUET___HYD 24056	34.21 -0.08 -5.57	29.59 -0.11 -2.18	25.07 -0.37 0.00	23.05 -0.42 0.00	26.92 -0.34 -1.51	45.63 -1.10 0.00	34.68 -1.24 0.00	36.27 -1.86 0.00	35.22 -1.61 0.00	36.33 -1.46 0.00	34.46 -1.45 0.00	38.79 -1.55 0.00	36.86 -1.22 0.00	35.24 -0.91 0.00	29.91 -0.69 0.00	27.46 -0.58 0.00	24.99 -0.63 0.00	26.12 -0.92 0.00	28.45 -1.15 0.00	32.03 -1.10 0.00	29.25 -0.83 0.00	38.02 -0.75 0.00	34.54 -0.04 0.00	24.78 -0.02 0.00
VALLEY44_115KV_TB2 355964	29.89 1.17 0.00	28.88 1.35 0.00	27.09 1.65 0.00	24.97 1.49 0.00	27.46 1.70 0.00	49.49 2.76 0.00	38.38 2.46 0.00	41.05 2.92 0.00	39.55 2.71 0.00	40.53 2.74 0.00	38.76 2.85 0.00	44.14 3.81 0.00	41.28 3.20 0.00	39.02 2.86 0.00	32.74 2.14 0.00	29.97 1.92 0.00	26.99 1.37 0.00	28.68 1.64 0.00	31.29 1.69 0.00	34.52 1.39 0.00	31.23 1.15 0.00	40.13 1.36 0.00	35.69 1.11 0.00	25.85 1.04 0.00

VALLEY___115KV_TB 1-4 80826	28.36 -0.36 0.00	27.19 -0.34 0.00	25.27 -0.17 0.00	23.53 0.05 0.00	25.65 -0.10 0.00	46.45 -0.28 0.00	35.95 0.03 0.00	38.55 0.42 0.00	37.02 0.19 0.00	38.05 0.27 0.00	36.13 0.23 0.00	40.60 0.27 0.00	38.16 0.08 0.00	36.02 -0.14 0.00	30.46 -0.14 0.00	27.88 -0.17 0.00	25.66 0.03 0.00	27.25 0.21 0.00	30.04 0.44 0.00	33.54 0.40 0.00	30.36 0.28 0.00	38.94 0.17 0.00	34.39 -0.19 0.00	24.60 -0.21 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.04 1.32 0.00	28.78 1.25 0.00	26.73 1.29 0.00	24.70 1.23 0.00	27.03 1.27 0.00	49.19 2.46 0.00	37.92 2.00 0.00	40.61 2.48 0.00	39.19 2.36 0.00	40.00 2.22 0.00	38.08 2.17 0.00	42.76 2.43 0.00	40.20 2.12 0.00	38.06 1.90 0.00	32.19 1.59 0.00	29.54 1.48 0.00	26.96 1.33 0.00	28.58 1.54 0.00	31.38 1.78 0.00	34.89 1.75 0.00	31.64 1.56 0.00	40.57 1.81 0.00	35.96 1.38 0.00	25.81 1.01 0.00
VISCHER___FERRY HYD 24020	29.15 0.43 0.00	27.92 0.40 0.00	25.90 0.46 0.00	23.93 0.45 0.00	26.22 0.47 0.00	47.57 0.84 0.00	36.62 0.70 0.00	39.28 1.15 0.00	37.81 0.98 0.00	38.86 1.08 0.00	36.87 0.96 0.00	41.33 1.00 0.00	38.88 0.80 0.00	36.61 0.45 0.00	30.99 0.39 0.00	28.37 0.32 0.00	26.04 0.41 0.00	27.62 0.58 0.00	30.44 0.83 0.00	33.92 0.79 0.00	30.73 0.65 0.00	39.45 0.69 0.00	34.86 0.28 0.00	24.98 0.17 0.00
V_A_10_SYNC_DSASP 323832	28.51 -0.20 0.00	27.64 0.12 0.00	25.93 0.49 0.00	23.90 0.43 0.00	26.46 0.70 0.00	47.56 0.83 0.00	36.62 0.69 0.00	38.71 0.58 0.00	37.47 0.64 0.00	38.51 0.72 0.00	36.68 0.77 0.00	41.68 1.35 0.00	39.07 1.00 0.00	36.88 0.72 0.00	30.91 0.31 0.00	28.32 0.27 0.00	25.61 -0.02 0.00	27.14 0.10 0.00	29.60 0.00 0.00	32.98 -0.16 0.00	29.87 -0.21 0.00	38.35 -0.41 0.00	34.23 -0.35 0.00	24.72 -0.08 0.00
V_CMM_10_SYNC_DSASP 323787	28.71 0.00 0.00	27.49 -0.03 0.00	25.19 -0.25 0.00	23.17 -0.30 0.00	25.56 -0.20 0.00	46.25 -0.48 0.00	35.40 -0.52 0.00	37.19 -0.94 0.00	36.01 -0.82 0.00	37.10 -0.68 0.00	35.26 -0.65 0.00	39.58 -0.75 0.00	37.54 -0.53 0.00	35.90 -0.26 0.00	22.34 -0.23 8.03	23.93 -0.17 3.95	25.50 -0.13 0.00	26.74 -0.30 0.00	29.07 -0.52 0.00	32.60 -0.54 0.00	29.69 -0.38 0.00	38.56 -0.20 0.00	34.77 0.18 0.00	24.88 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	-12.51 -0.94 40.29	10.79 -0.99 15.74	24.52 -0.92 0.00	22.53 -0.94 0.00	13.88 -1.00 10.88	44.99 -1.75 0.00	34.98 -0.94 0.00	36.48 -1.65 0.00	35.00 -1.83 0.00	36.36 -1.42 0.00	34.36 -1.55 0.00	38.23 -2.10 0.00	36.38 -1.70 0.00	34.84 -1.31 0.00	21.86 -0.71 8.03	23.26 -0.85 3.95	24.87 -0.76 0.00	25.98 -1.07 0.00	28.26 -1.34 0.00	31.78 -1.35 0.00	29.46 -0.62 0.00	39.11 0.35 0.00	35.49 0.91 0.00	25.58 0.77 0.00
V_D_10_SYNC_DSASP 323841	29.86 0.18 -0.96	28.04 0.14 -0.38	25.34 -0.10 0.00	23.30 -0.17 0.00	25.97 -0.05 -0.26	46.48 -0.25 0.00	35.55 -0.37 0.00	37.30 -0.83 0.00	36.14 -0.70 0.00	37.24 -0.55 0.00	35.39 -0.52 0.00	39.74 -0.60 0.00	37.67 -0.40 0.00	36.02 -0.14 0.00	22.50 -0.07 8.03	24.09 -0.01 3.95	25.59 -0.04 0.00	26.82 -0.22 0.00	29.18 -0.42 0.00	32.73 -0.40 0.00	29.83 -0.25 0.00	38.74 -0.03 0.00	34.97 0.38 0.00	25.02 0.22 0.00
V_E_10_SYNC_DSASP 323830	31.28 2.56 0.00	29.75 2.23 0.00	27.84 2.40 0.00	25.55 2.08 0.00	28.14 2.38 0.00	51.34 4.61 0.00	39.72 3.80 0.00	42.48 4.34 0.00	41.01 4.17 0.00	41.85 4.06 0.00	39.98 4.07 0.00	44.83 4.50 0.00	41.97 3.89 0.00	39.66 3.50 0.00	33.55 2.96 0.00	30.86 2.81 0.00	28.13 2.51 0.00	30.04 3.01 0.00	33.15 3.55 0.00	37.08 3.95 0.00	33.63 3.55 0.00	43.01 4.24 0.00	37.99 3.41 0.00	27.22 2.42 0.00
V_F_30_NSYNC___DSASP 323816	29.60 0.88 0.00	28.36 0.83 0.00	26.32 0.89 0.00	24.30 0.83 0.00	26.65 0.89 0.00	48.40 1.67 0.00	37.29 1.37 0.00	39.97 1.84 0.00	38.49 1.66 0.00	39.63 1.84 0.00	37.66 1.75 0.00	42.15 1.82 0.00	39.57 1.50 0.00	37.22 1.06 0.00	31.46 0.86 0.00	28.83 0.78 0.00	26.47 0.84 0.00	28.13 1.09 0.00	30.99 1.39 0.00	34.56 1.43 0.00	31.27 1.20 0.00	40.08 1.32 0.00	35.43 0.85 0.00	25.39 0.59 0.00
V_F_30_SYNC_DSASP 323786	28.80 0.08 0.00	27.58 0.05 0.00	25.57 0.13 0.00	23.62 0.15 0.00	25.87 0.11 0.00	46.94 0.21 0.00	36.15 0.23 0.00	38.75 0.61 0.00	37.40 0.56 0.00	38.39 0.60 0.00	36.38 0.47 0.00	40.81 0.48 0.00	38.43 0.36 0.00	36.28 0.13 0.00	30.70 0.11 0.00	28.13 0.08 0.00	25.79 0.16 0.00	27.33 0.29 0.00	30.07 0.47 0.00	33.57 0.43 0.00	30.42 0.34 0.00	39.03 0.27 0.00	34.51 -0.07 0.00	24.72 -0.08 0.00
V_XM_10_SYNC_DSASP 323789	-12.51 -0.94 40.29	10.79 -0.99 15.74	24.52 -0.92 0.00	22.53 -0.94 0.00	13.88 -1.00 10.88	44.99 -1.75 0.00	34.98 -0.94 0.00	36.48 -1.65 0.00	35.00 -1.83 0.00	36.36 -1.42 0.00	34.36 -1.55 0.00	38.23 -2.10 0.00	36.38 -1.70 0.00	34.84 -1.31 0.00	21.86 -0.71 8.03	23.26 -0.85 3.95	24.87 -0.76 0.00	25.98 -1.07 0.00	28.26 -1.34 0.00	31.78 -1.35 0.00	29.46 -0.62 0.00	39.11 0.35 0.00	35.49 0.91 0.00	25.58 0.77 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.73 1.02 0.00	28.50 0.98 0.00	26.46 1.02 0.00	24.43 0.96 0.00	26.63 0.87 0.00	48.47 1.73 0.00	37.37 1.45 0.00	40.34 2.21 0.00	38.88 2.05 0.00	39.58 1.79 0.00	37.67 1.76 0.00	42.18 1.85 0.00	39.71 1.64 0.00	37.51 1.36 0.00	31.79 1.19 0.00	29.18 1.13 0.00	26.68 1.05 0.00	28.31 1.27 0.00	31.26 1.66 0.00	34.87 1.74 0.00	31.64 1.56 0.00	40.40 1.63 0.00	35.63 1.05 0.00	25.56 0.76 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.81 1.09 0.00	28.53 1.00 0.00	26.47 1.03 0.00	24.43 0.95 0.00	26.63 0.87 0.00	48.47 1.74 0.00	37.43 1.51 0.00	40.42 2.29 0.00	39.02 2.19 0.00	39.76 1.98 0.00	37.82 1.91 0.00	42.33 2.00 0.00	39.85 1.77 0.00	37.58 1.43 0.00	31.90 1.30 0.00	29.28 1.23 0.00	26.79 1.17 0.00	28.43 1.39 0.00	31.38 1.78 0.00	35.04 1.91 0.00	31.81 1.74 0.00	40.55 1.79 0.00	35.72 1.13 0.00	25.62 0.82 0.00
W50THST__13_KV_LOAD 356117	29.94 1.22 0.00	28.65 1.12 0.00	26.59 1.15 0.00	24.53 1.06 0.00	26.75 0.99 0.00	48.71 1.97 0.00	37.62 1.70 0.00	40.65 2.52 0.00	39.26 2.43 0.00	40.03 2.24 0.00	38.09 2.18 0.00	42.63 2.30 0.00	40.12 2.04 0.00	37.82 1.67 0.00	32.11 1.51 0.00	29.47 1.42 0.00	26.97 1.34 0.00	28.62 1.58 0.00	31.57 1.97 0.00	35.24 2.10 0.00	31.98 1.90 0.00	40.76 2.00 0.00	35.89 1.31 0.00	25.74 0.94 0.00
WADING RIVER_IC_1 23522	30.10 1.39 0.00	28.80 1.27 0.00	26.84 1.40 0.00	24.88 1.40 0.00	26.76 1.00 0.00	48.63 1.90 0.00	36.56 0.64 0.00	40.39 2.26 0.00	39.29 2.46 0.00	39.92 2.13 0.00	38.27 2.36 0.01	41.96 1.63 0.00	40.34 2.27 0.01	38.15 2.29 0.29	32.41 1.80 -0.01	29.58 1.53 0.01	27.09 1.46 0.00	28.48 1.44 0.00	31.45 1.85 0.00	35.02 1.89 0.00	31.81 1.73 0.00	40.40 1.64 0.00	35.89 1.31 0.00	25.52 0.71 0.00

WADING RIVER_IC_2 23547	30.10 1.39 0.00	28.80 1.27 0.00	26.84 1.40 0.00	24.88 1.40 0.00	26.76 1.00 0.00	48.63 1.90 0.00	36.56 0.64 0.00	40.39 2.26 0.00	39.29 2.46 0.00	39.92 2.13 0.00	38.27 2.36 0.01	41.96 1.63 0.00	40.34 2.27 0.01	38.15 2.29 0.29	32.41 1.80 -0.01	29.58 1.53 0.01	27.09 1.46 0.00	28.48 1.44 0.00	31.45 1.85 0.00	35.02 1.89 0.00	31.81 1.73 0.00	40.40 1.64 0.00	35.89 1.31 0.00	25.52 0.71 0.00
WADING RIVER_IC_3 23601	30.10 1.39 0.00	28.80 1.27 0.00	26.84 1.40 0.00	24.88 1.40 0.00	26.76 1.00 0.00	48.63 1.90 0.00	36.56 0.64 0.00	40.39 2.26 0.00	39.29 2.46 0.00	39.92 2.13 0.00	38.27 2.36 0.01	41.96 1.63 0.00	40.34 2.27 0.01	38.15 2.29 0.29	32.41 1.80 -0.01	29.58 1.53 0.01	27.09 1.46 0.00	28.48 1.44 0.00	31.45 1.85 0.00	35.02 1.89 0.00	31.81 1.73 0.00	40.40 1.64 0.00	35.89 1.31 0.00	25.52 0.71 0.00
WALDENNY_I2_KV_BK2 80841	29.42 0.70 0.00	28.56 1.03 0.00	26.79 1.36 0.00	24.71 1.24 0.00	27.36 1.60 0.00	49.18 2.44 0.00	37.90 1.98 0.00	40.10 1.97 0.00	38.82 1.99 0.00	39.86 2.08 0.00	38.02 2.11 0.00	43.28 2.95 0.00	40.51 2.43 0.00	38.23 2.08 0.00	32.01 1.41 0.00	29.31 1.26 0.00	26.46 0.83 0.00	28.02 0.98 0.00	30.51 0.91 0.00	33.94 0.80 0.00	30.76 0.69 0.00	39.49 0.72 0.00	35.25 0.66 0.00	25.48 0.67 0.00
WALDEN___HYDRO 24148	29.92 1.21 0.00	28.66 1.14 0.00	26.60 1.16 0.00	24.56 1.09 0.00	26.80 1.04 0.00	48.79 2.06 0.00	37.68 1.76 0.00	40.63 2.50 0.00	39.19 2.36 0.00	39.92 2.14 0.00	37.86 1.94 0.00	42.35 2.01 0.00	39.81 1.74 0.00	37.63 1.47 0.00	31.87 1.28 0.00	29.26 1.21 0.00	26.79 1.17 0.00	28.45 1.41 0.00	31.46 1.86 0.00	35.14 2.01 0.00	31.91 1.83 0.00	40.75 1.98 0.00	35.92 1.34 0.00	25.75 0.94 0.00
WARRENSBURG___ 23737	29.59 0.87 0.00	28.36 0.84 0.00	26.46 1.02 0.00	24.31 0.84 0.00	26.68 0.92 0.00	48.41 1.68 0.00	37.34 1.42 0.00	40.06 1.92 0.00	38.45 1.62 0.00	39.78 1.99 0.00	38.06 2.15 0.00	42.44 2.11 0.00	39.60 1.53 0.00	37.01 0.86 0.00	31.34 0.75 0.00	28.73 0.68 0.00	26.45 0.82 0.00	28.19 1.15 0.00	31.06 1.46 0.00	34.63 1.50 0.00	31.26 1.18 0.00	39.91 1.15 0.00	35.25 0.67 0.00	25.28 0.48 0.00
WATERSIDE___6 8 9 23538	29.78 1.07 0.00	28.50 0.98 0.00	26.45 1.01 0.00	24.40 0.93 0.00	26.59 0.83 0.00	48.41 1.67 0.00	37.36 1.44 0.00	40.36 2.23 0.00	38.99 2.16 0.00	39.71 1.93 0.00	37.78 1.87 0.00	42.24 1.91 0.00	39.77 1.69 0.00	37.50 1.34 0.00	31.85 1.25 0.00	29.22 1.17 0.00	26.75 1.12 0.00	28.38 1.34 0.00	31.31 1.71 0.00	34.97 1.84 0.00	31.76 1.68 0.00	40.48 1.72 0.00	35.64 1.06 0.00	25.59 0.79 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.61 -0.11 0.00	27.42 -0.11 0.00	25.42 -0.01 0.00	23.54 0.07 0.00	25.75 -0.01 0.00	46.70 -0.03 0.00	36.05 0.13 0.00	38.60 0.47 0.00	37.17 0.34 0.00	38.13 0.35 0.00	36.21 0.30 0.00	40.65 0.31 0.00	38.23 0.16 0.00	36.13 -0.02 0.00	30.56 -0.04 0.00	27.99 -0.06 0.00	25.68 0.05 0.00	27.23 0.19 0.00	29.98 0.37 0.00	33.48 0.35 0.00	30.34 0.26 0.00	38.96 0.19 0.00	34.48 -0.10 0.00	24.68 -0.12 0.00
WATSON___69_KV_BK 1 55734	30.49 1.77 0.00	29.16 1.64 0.00	27.07 1.63 0.00	25.04 1.57 0.00	27.10 1.35 0.00	49.27 2.54 0.00	37.70 1.78 0.00	41.14 3.01 0.00	39.83 3.00 0.00	40.47 2.68 0.00	38.64 2.74 0.00	42.46 2.13 0.00	40.56 2.49 0.00	38.32 2.38 0.22	32.64 1.99 -0.05	29.80 1.75 0.00	27.17 1.54 0.00	28.56 1.52 0.00	31.74 2.14 0.00	35.51 2.37 0.00	32.23 2.15 0.00	40.93 2.17 0.00	36.18 1.59 0.00	25.87 1.07 0.00
WDELAWARE___HYD 323627	30.25 1.53 0.00	28.97 1.45 0.00	26.88 1.45 0.00	24.83 1.36 0.00	27.11 1.36 0.00	49.43 2.70 0.00	38.15 2.23 0.00	41.13 3.01 0.00	39.69 2.86 0.00	40.39 2.60 0.00	38.35 2.44 0.00	42.88 2.55 0.00	40.26 2.19 0.00	38.05 1.90 0.00	32.20 1.60 0.00	29.61 1.56 0.00	27.09 1.46 0.00	28.76 1.72 0.00	31.81 2.21 0.00	35.49 2.35 0.00	32.19 2.11 0.00	41.10 2.33 0.00	36.23 1.65 0.00	25.99 1.19 0.00
WEST BABYLON___IC 23714	30.41 1.69 0.00	29.09 1.56 0.00	26.99 1.55 0.00	24.96 1.49 0.00	27.03 1.28 0.00	49.14 2.41 0.00	37.65 1.73 0.00	41.03 2.90 0.00	39.72 2.88 0.00	40.35 2.56 0.00	38.53 2.62 0.00	42.40 2.07 0.00	40.47 2.39 0.00	38.40 2.29 0.05	32.66 1.92 -0.15	29.73 1.68 0.00	27.06 1.43 0.00	28.49 1.45 0.00	31.65 2.04 0.00	35.42 2.29 0.00	32.16 2.08 0.00	40.86 2.10 0.00	36.08 1.50 0.00	25.82 1.01 0.00
WEST CANADA___HYD 24049	28.80 0.08 0.00	27.60 0.08 0.00	25.55 0.11 0.00	23.59 0.12 0.00	25.86 0.10 0.00	46.94 0.21 0.00	36.11 0.19 0.00	38.46 0.33 0.00	37.12 0.29 0.00	38.06 0.27 0.00	36.18 0.26 0.00	40.62 0.29 0.00	38.29 0.21 0.00	36.29 0.13 0.00	30.69 0.10 0.00	28.12 0.07 0.00	25.73 0.10 0.00	27.18 0.14 0.00	29.82 0.22 0.00	33.36 0.22 0.00	30.26 0.18 0.00	38.93 0.16 0.00	34.60 0.01 0.00	24.81 0.01 0.00
WESTERN_NY_WIND 24143	29.57 0.85 0.00	28.70 1.18 0.00	26.89 1.46 0.00	24.80 1.33 0.00	27.49 1.73 0.00	49.47 2.74 0.00	38.12 2.20 0.00	40.31 2.18 0.00	39.09 2.26 0.00	40.11 2.33 0.00	38.19 2.28 0.00	43.45 3.12 0.00	40.74 2.66 0.00	38.37 2.22 0.00	32.15 1.55 0.00	29.46 1.41 0.00	26.65 1.03 0.00	28.24 1.20 0.00	30.80 1.20 0.00	34.38 1.25 0.00	31.14 1.07 0.00	39.90 1.13 0.00	35.58 1.00 0.00	25.69 0.88 0.00
WESTOVER___LESR 323668	29.57 0.85 0.00	28.27 0.74 0.00	26.40 0.96 0.00	24.35 0.88 0.00	26.63 0.87 0.00	48.50 1.77 0.00	37.54 1.62 0.00	40.38 2.25 0.00	38.90 2.07 0.00	39.58 1.80 0.00	37.85 1.94 0.00	42.79 2.46 0.00	39.99 1.91 0.00	37.86 1.70 0.00	31.97 1.37 0.00	29.28 1.22 0.00	26.58 0.95 0.00	28.24 1.20 0.00	30.90 1.30 0.00	33.97 0.83 0.00	30.78 0.70 0.00	39.57 0.81 0.00	35.04 0.45 0.00	25.24 0.44 0.00
WETHRSFD_WT_PWR 323626	29.06 0.34 0.00	28.25 0.72 0.00	26.54 1.10 0.00	24.49 1.01 0.00	27.09 1.34 0.00	48.66 1.93 0.00	37.54 1.62 0.00	39.72 1.59 0.00	38.43 1.60 0.00	39.49 1.70 0.00	37.64 1.73 0.00	42.83 2.50 0.00	40.11 2.04 0.00	37.79 1.64 0.00	31.63 1.03 0.00	28.98 0.93 0.00	26.10 0.47 0.00	27.61 0.57 0.00	30.11 0.51 0.00	33.49 0.36 0.00	30.38 0.30 0.00	38.99 0.23 0.00	34.83 0.25 0.00	25.21 0.40 0.00
WHAVSTOR_138KV_BK127 55557	29.62 0.90 0.00	28.39 0.87 0.00	26.36 0.92 0.00	24.33 0.86 0.00	26.52 0.76 0.00	48.27 1.54 0.00	37.19 1.28 0.00	40.15 2.02 0.00	38.69 1.85 0.00	39.38 1.60 0.00	37.49 1.58 0.00	41.97 1.64 0.00	39.52 1.44 0.00	37.32 1.17 0.00	31.63 1.03 0.00	29.04 0.99 0.00	26.55 0.93 0.00	28.18 1.14 0.00	31.11 1.51 0.00	34.70 1.57 0.00	31.49 1.41 0.00	40.21 1.45 0.00	35.48 0.90 0.00	25.45 0.65 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.62 0.90 0.00	28.39 0.87 0.00	26.36 0.92 0.00	24.33 0.86 0.00	26.52 0.76 0.00	48.27 1.54 0.00	37.19 1.28 0.00	40.15 2.02 0.00	38.69 1.85 0.00	39.38 1.60 0.00	37.49 1.58 0.00	41.97 1.64 0.00	39.52 1.44 0.00	37.32 1.17 0.00	31.63 1.03 0.00	29.04 0.99 0.00	26.55 0.93 0.00	28.18 1.14 0.00	31.11 1.51 0.00	34.70 1.57 0.00	31.49 1.41 0.00	40.21 1.45 0.00	35.48 0.90 0.00	25.45 0.65 0.00
WHITEHAL_115KV_TB1 80871	30.05 1.33 0.00	28.82 1.30 0.00	26.88 1.44 0.00	24.82 1.35 0.00	27.22 1.46 0.00	49.65 2.92 0.00	38.76 2.84 0.00	41.63 3.50 0.00	39.59 2.75 0.00	41.01 3.23 0.00	39.33 3.42 0.00	43.72 3.39 0.00	40.58 2.51 0.00	37.56 1.41 0.00	32.05 1.45 0.00	29.16 1.11 0.00	27.17 1.55 0.00	29.29 2.25 0.00	32.41 2.81 0.00	35.86 2.73 0.00	32.10 2.02 0.00	40.78 2.01 0.00	35.77 1.18 0.00	25.78 0.97 0.00
WHITEPLN_13_KV_LOAD 356215	29.97 1.25 0.00	28.69 1.17 0.00	26.64 1.20 0.00	24.59 1.12 0.00	26.81 1.05 0.00	48.83 2.10 0.00	37.69 1.77 0.00	40.72 2.59 0.00	39.30 2.47 0.00	40.06 2.28 0.00	38.09 2.18 0.00	42.63 2.30 0.00	40.12 2.04 0.00	37.84 1.68 0.00	32.07 1.47 0.00	29.43 1.38 0.00	26.92 1.30 0.00	28.58 1.54 0.00	31.56 1.96 0.00	35.23 2.10 0.00	31.98 1.90 0.00	40.80 2.03 0.00	35.93 1.34 0.00	25.76 0.95 0.00
WM_FLOYD_69_KV_BK2 356380	30.25 1.53 0.00	28.93 1.41 0.00	26.91 1.48 0.00	24.94 1.46 0.00	26.90 1.14 0.00	48.88 2.15 0.00	37.07 1.15 0.00	40.67 2.54 0.00	39.48 2.64 0.00	40.10 2.32 0.00	38.34 2.43 0.01	42.04 1.71 0.00	40.28 2.21 0.01	38.03 2.16 0.29	32.37 1.76 -0.01	29.58 1.54 0.01	27.03 1.40 0.00	28.41 1.37 0.00	31.48 1.87 0.00	35.15 2.02 0.00	31.92 1.84 0.00	40.54 1.78 0.00	35.92 1.33 0.00	25.61 0.81 0.00
WOODARD__115KV_TB2 355635	28.31 -0.41 0.00	27.18 -0.34 0.00	25.22 -0.22 0.00	23.28 -0.19 0.00	25.59 -0.17 0.00	46.41 -0.32 0.00	35.73 -0.19 0.00	37.88 -0.25 0.00	36.63 -0.20 0.00	37.57 -0.22 0.00	35.71 -0.20 0.00	40.19 -0.14 0.00	37.82 -0.25 0.00	35.82 -0.34 0.00	30.23 -0.37 0.00	27.71 -0.34 0.00	25.24 -0.38 0.00	26.68 -0.36 0.00	29.27 -0.33 0.00	32.96 -0.17 0.00	29.89 -0.19 0.00	38.42 -0.34 0.00	34.21 -0.37 0.00	24.63 -0.18 0.00
YORK___WARBASSE 23770	29.95 1.24 0.00	28.67 1.15 0.00	26.62 1.18 0.00	24.56 1.08 0.00	26.76 1.00 0.00	48.70 1.97 0.00	37.53 1.61 0.00	40.52 2.39 0.00	39.14 2.31 0.00	39.79 2.01 0.00	37.89 1.98 0.00	42.33 2.00 0.00	39.90 1.82 0.00	37.67 1.51 0.00	32.02 1.42 0.00	29.38 1.33 0.00	26.89 1.27 0.00	28.54 1.50 0.00	31.50 1.90 0.00	35.18 2.04 0.00	31.95 1.88 0.00	40.68 1.92 0.00	35.84 1.25 0.00	25.74 0.93 0.00