

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

08/18/2024

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	31.74	28.81	27.58	25.31	22.77	26.91	28.50	25.33	25.59	27.77	31.91	36.04	31.26	35.55	33.76	38.32	43.53	44.73	41.37	36.27	30.78	28.23	28.06	27.48
24138	1.77	1.49	1.26	1.18	1.09	1.11	1.25	1.38	1.52	1.66	2.06	2.40	2.33	2.57	2.58	2.75	2.95	2.93	2.74	2.45	1.87	1.78	1.79	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.80	28.87	27.66	25.37	22.84	26.97	28.58	25.39	25.64	27.82	31.98	36.11	31.32	35.63	33.82	38.40	43.63	44.88	41.50	36.39	30.88	28.31	28.15	27.55
24260	1.83	1.56	1.33	1.24	1.16	1.17	1.32	1.45	1.57	1.71	2.12	2.46	2.39	2.65	2.64	2.84	3.05	3.07	2.87	2.57	1.97	1.86	1.88	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.80	28.87	27.66	25.37	22.84	26.97	28.58	25.39	25.64	27.82	31.98	36.11	31.32	35.63	33.82	38.40	43.63	44.88	41.50	36.39	30.88	28.31	28.15	27.55
24261	1.83	1.56	1.33	1.24	1.16	1.17	1.32	1.45	1.57	1.71	2.12	2.46	2.39	2.65	2.64	2.84	3.05	3.07	2.87	2.57	1.97	1.86	1.88	1.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.15	29.22	28.05	25.74	23.25	27.56	29.10	25.75	26.09	28.23	32.12	36.19	31.10	35.15	33.24	37.84	43.29	44.76	41.53	36.42	31.25	28.54	28.25	27.62
24011	2.19	1.91	1.72	1.60	1.57	1.76	1.84	1.81	2.01	2.13	2.27	2.55	2.16	2.17	2.06	2.27	2.71	2.96	2.91	2.60	2.34	2.09	1.98	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.38	29.42	28.22	25.89	23.41	27.75	29.29	25.92	26.30	28.47	32.38	36.48	31.33	35.36	33.44	38.03	43.56	45.10	41.82	36.70	31.47	28.75	28.52	27.88
23798	2.41	2.10	1.89	1.76	1.73	1.95	2.03	1.98	2.23	2.36	2.53	2.84	2.40	2.38	2.26	2.47	2.98	3.29	3.19	2.88	2.56	2.30	2.26	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	32.15	29.22	28.05	25.74	23.25	27.56	29.10	25.75	26.09	28.23	32.12	36.19	31.10	35.15	33.24	37.84	43.29	44.76	41.53	36.42	31.25	28.54	28.25	27.62
24028	2.19	1.91	1.72	1.60	1.57	1.76	1.84	1.81	2.01	2.13	2.27	2.55	2.16	2.17	2.06	2.27	2.71	2.96	2.91	2.60	2.34	2.09	1.98	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.11	28.35	27.24	25.13	22.68	26.82	28.30	25.07	25.24	27.23	31.12	35.07	30.16	34.20	32.36	36.66	41.61	42.98	39.61	34.77	29.90	27.40	27.32	26.83
23527	1.14	1.03	0.92	1.00	1.00	1.02	1.05	1.13	1.17	1.12	1.27	1.42	1.23	1.22	1.18	1.09	1.03	1.17	0.99	0.95	0.99	0.95	1.06	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.08	27.41	26.37	24.23	21.85	25.84	27.29	24.21	24.32	26.27	30.06	33.92	29.22	33.24	31.50	35.80	40.81	42.04	38.81	34.02	29.10	26.62	26.47	25.93
24190	0.11	0.09	0.05	0.10	0.17	0.04	0.04	0.26	0.24	0.16	0.21	0.27	0.29	0.26	0.31	0.23	0.22	0.23	0.19	0.20	0.20	0.17	0.21	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.91	27.33	26.36	24.09	21.56	25.83	27.28	23.76	23.91	26.07	29.73	33.43	28.62	32.71	30.92	35.39	40.43	41.71	38.52	33.67	28.83	26.34	26.14	25.69
355683	-0.05	0.02	0.04	-0.04	-0.12	0.02	0.03	-0.19	-0.16	-0.04	-0.12	-0.22	-0.31	-0.27	-0.26	-0.17	-0.15	-0.10	-0.11	-0.15	-0.08	-0.11	-0.13	-0.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	30.75	28.02	26.98	24.79	22.33	26.44	27.93	24.71	24.83	26.81	30.64	34.54	29.70	33.77	31.97	36.43	41.65	42.84	39.63	34.80	29.77	27.22	27.05	26.49
323833	0.79	0.71	0.66	0.66	0.65	0.64	0.67	0.77	0.75	0.70	0.78	0.89	0.77	0.79	0.79	0.86	1.07	1.03	1.01	0.98	0.86	0.77	0.78	0.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.74	28.01	26.97	24.78	22.33	26.44	27.92	24.70	24.82	26.81	30.63	34.54	29.69	33.77	31.97	36.42	41.64	42.83	39.61	34.78	29.76	27.21	27.04	26.48
323834	0.77	0.70	0.65	0.65	0.65	0.64	0.66	0.75	0.75	0.70	0.78	0.89	0.76	0.79	0.79	0.85	1.05	1.02	0.99	0.96	0.85	0.77	0.77	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.08	27.41	26.37	24.23	21.85	25.84	27.29	24.21	24.32	26.27	30.06	33.92	29.22	33.24	31.50	35.80	40.81	42.04	38.81	34.02	29.10	26.62	26.47	25.93
23571	0.11	0.09	0.05	0.10	0.17	0.04	0.04	0.26	0.24	0.16	0.21	0.27	0.29	0.26	0.31	0.23	0.22	0.23	0.19	0.20	0.20	0.17	0.21	0.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	30.08 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.24 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.24 0.26 0.00	31.50 0.31 0.00	35.80 0.23 0.00	40.81 0.22 0.00	42.04 0.23 0.00	38.81 0.19 0.00	34.02 0.20 0.00	29.10 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
ALBANY___3 23573	30.08 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.24 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.24 0.26 0.00	31.50 0.31 0.00	35.80 0.23 0.00	40.81 0.22 0.00	42.04 0.23 0.00	38.81 0.19 0.00	34.02 0.20 0.00	29.10 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
ALBANY___4 23574	30.08 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.24 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.24 0.26 0.00	31.50 0.31 0.00	35.80 0.23 0.00	40.81 0.22 0.00	42.04 0.23 0.00	38.81 0.19 0.00	34.02 0.20 0.00	29.10 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
ALBANY___LFGE 323615	30.40 0.44 0.00	27.70 0.38 0.00	26.65 0.32 0.00	24.49 0.36 0.00	22.07 0.39 0.00	26.11 0.31 0.00	27.58 0.32 0.00	24.45 0.50 0.00	24.57 0.50 0.00	26.56 0.45 0.00	30.39 0.54 0.00	34.29 0.65 0.00	29.54 0.61 0.00	33.61 0.63 0.00	31.84 0.66 0.00	36.20 0.64 0.00	41.25 0.67 0.00	42.52 0.71 0.00	39.24 0.62 0.00	34.40 0.58 0.00	29.43 0.52 0.00	26.92 0.47 0.00	26.76 0.49 0.00	26.21 0.43 0.00
ALCOA_PA_115KV_PL-6C 55860	30.03 0.06 0.00	27.44 0.12 0.00	26.46 0.14 0.00	24.18 0.05 0.00	21.63 -0.05 0.00	25.92 0.12 0.00	27.39 0.13 0.00	23.84 -0.10 0.00	23.99 -0.08 0.00	26.17 0.06 0.00	29.83 -0.03 0.00	33.53 -0.12 0.00	28.69 -0.24 0.00	32.79 -0.20 0.00	30.99 -0.19 0.00	35.48 -0.09 0.00	40.59 0.01 0.00	41.91 0.11 0.00	38.71 0.09 0.00	33.84 0.02 0.00	28.97 0.06 0.00	26.46 0.02 0.00	26.26 0.00 0.00	25.81 0.03 0.00
ALCOA_RYNLDS___DRP 24188	30.03 0.06 0.00	27.44 0.12 0.00	26.46 0.14 0.00	24.18 0.05 0.00	21.63 -0.05 0.00	25.92 0.12 0.00	27.39 0.13 0.00	23.84 -0.10 0.00	23.99 -0.08 0.00	26.17 0.06 0.00	29.83 -0.03 0.00	33.53 -0.12 0.00	28.69 -0.24 0.00	32.79 -0.20 0.00	30.99 -0.19 0.00	35.48 -0.09 0.00	40.59 0.01 0.00	41.91 0.11 0.00	38.71 0.09 0.00	33.84 0.02 0.00	28.97 0.06 0.00	26.46 0.02 0.00	26.26 0.00 0.00	25.81 0.03 0.00
ALCOA___DSASP 323711	30.03 0.06 0.00	27.44 0.13 0.00	26.46 0.14 0.00	24.18 0.05 0.00	21.63 -0.05 0.00	25.93 0.12 0.00	27.39 0.13 0.00	23.84 -0.10 0.00	23.99 -0.08 0.00	26.17 0.06 0.00	29.83 -0.03 0.00	33.53 -0.12 0.00	28.69 -0.24 0.00	32.79 -0.20 0.00	30.99 -0.19 0.00	35.48 -0.09 0.00	40.59 0.01 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.84 0.02 0.00	28.97 0.06 0.00	26.47 0.02 0.00	26.26 0.00 0.00	25.81 0.03 0.00
ALLEGHENY___COGEN 23514	29.43 -0.53 0.00	26.88 -0.43 0.00	25.80 -0.44 0.10	17.33 -0.39 6.41	21.11 -0.49 0.09	23.49 -0.43 1.88	26.90 -0.36 0.00	21.61 -0.35 1.98	23.67 -0.34 0.06	25.85 -0.26 0.00	29.61 -0.25 0.00	33.08 -0.56 0.00	28.41 -0.53 0.00	32.24 -0.75 0.00	28.98 -0.80 1.40	34.63 -0.94 0.00	39.68 -0.90 0.00	39.77 -0.52 1.52	38.23 -0.40 0.00	33.77 -0.05 0.00	29.28 0.37 0.00	26.97 0.52 0.00	26.55 0.29 0.00	26.09 0.31 0.00
ALTAMONT_115KV_TB 2 55880	30.44 0.47 0.00	27.73 0.41 0.00	26.69 0.37 0.00	24.50 0.37 0.00	22.07 0.39 0.00	26.14 0.34 0.00	27.62 0.36 0.00	24.42 0.47 0.00	24.56 0.49 0.00	26.58 0.47 0.00	30.42 0.56 0.00	34.30 0.65 0.00	29.56 0.63 0.00	33.63 0.64 0.00	31.85 0.66 0.00	36.22 0.65 0.00	41.30 0.71 0.00	42.56 0.75 0.00	39.32 0.69 0.00	34.46 0.64 0.00	29.46 0.55 0.00	26.95 0.51 0.00	26.79 0.53 0.00	26.26 0.48 0.00
ALTONA_WT_PWR 323606	30.52 0.55 0.00	27.98 0.67 0.00	26.99 0.67 0.00	24.61 0.48 0.00	21.99 0.31 0.00	26.30 0.50 0.00	27.81 0.56 0.00	24.41 0.46 0.00	24.67 0.60 0.00	26.75 0.64 0.00	30.53 0.67 0.00	34.30 0.66 0.00	29.33 0.40 0.00	33.41 0.42 0.00	31.76 0.58 0.00	36.14 0.58 0.00	41.52 0.94 0.00	42.90 1.10 0.00	39.67 1.05 0.00	34.74 0.92 0.00	29.68 0.77 0.00	26.96 0.52 0.00	26.79 0.53 0.00	26.30 0.52 0.00
AMERICAN_REF_FUEL 24010	27.40 -2.56 0.00	25.11 -2.20 0.00	24.18 -2.08 0.07	17.59 -1.85 4.69	19.77 -1.85 0.06	22.52 -1.91 1.38	25.12 -2.14 0.00	20.40 -2.09 1.46	22.04 -1.98 0.04	24.28 -1.83 0.00	27.68 -2.17 0.00	31.40 -2.25 0.00	26.95 -1.98 0.00	30.23 -2.76 0.00	27.22 -2.97 1.00	32.04 -3.53 0.00	36.60 -3.98 0.00	36.99 -3.74 1.09	35.23 -3.40 0.00	30.81 -3.01 0.00	26.57 -2.34 0.00	24.62 -1.83 0.00	24.23 -2.03 0.00	24.03 -1.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.84 -2.13 0.00	25.26 -2.05 0.00	24.22 -2.01 0.09	16.40 -1.68 6.05	20.17 -1.43 0.08	22.64 -1.39 1.78	25.74 -1.52 0.00	20.67 -1.41 1.87	22.70 -1.31 0.06	25.06 -1.05 0.00	28.63 -1.23 0.00	32.45 -1.20 0.00	27.94 -0.99 0.00	31.52 -1.47 0.00	27.95 -1.91 1.32	33.43 -2.13 0.00	38.09 -2.49 0.00	37.98 -2.40 1.43	36.27 -2.36 0.00	31.82 -2.00 0.00	27.30 -1.61 0.00	25.38 -1.07 0.00	25.20 -1.06 0.00	24.84 -0.94 0.00
ARTHUR KILL_GT_1 23520	31.53 1.56 0.00	28.63 1.31 0.00	27.43 1.11 0.00	25.17 1.04 0.00	22.64 0.96 0.00	26.75 0.94 0.00	28.35 1.09 0.00	25.17 1.22 0.00	25.42 1.35 0.00	27.56 1.45 0.00	31.59 1.74 0.00	35.66 2.02 0.00	30.92 1.99 0.00	35.22 2.23 0.00	33.47 2.28 -0.01	37.97 2.40 0.00	43.04 2.46 0.00	44.37 2.56 0.00	41.15 2.52 0.00	36.15 2.33 -0.01	38.93 1.75 -8.27	29.09 1.65 -0.99	27.94 1.67 0.00	27.32 1.55 0.00
ARTHUR_KILL_2 23512	31.44 1.47 0.00	28.54 1.23 0.00	27.34 1.02 0.00	25.10 0.96 0.00	22.58 0.90 0.00	26.67 0.87 0.00	28.26 1.01 0.00	25.10 1.15 0.00	25.35 1.27 0.00	27.48 1.37 0.00	31.50 1.64 0.00	35.56 1.91 0.00	30.82 1.89 0.00	35.10 2.11 0.00	33.35 2.16 -0.01	37.84 2.27 0.00	42.88 2.30 0.00	44.21 2.40 0.00	40.98 2.36 0.00	36.01 2.19 -0.01	38.82 1.64 -8.27	28.98 1.55 -0.99	27.84 1.57 0.00	27.23 1.45 0.00
ARTHUR_KILL_3 23513	31.51 1.55 0.00	28.61 1.29 0.00	27.40 1.07 0.00	25.15 1.02 0.00	22.63 0.94 0.00	26.73 0.92 0.00	28.31 1.05 0.00	25.15 1.20 0.00	25.39 1.32 0.00	27.54 1.43 0.00	31.65 1.80 0.00	35.75 2.10 0.00	30.99 2.06 0.00	35.26 2.27 0.00	33.48 2.29 -0.01	38.00 2.43 0.00	43.19 2.61 0.00	44.40 2.59 0.00	41.06 2.44 0.00	36.00 2.17 0.00	34.81 1.65 -4.26	28.53 1.57 -0.50	27.85 1.58 0.00	27.27 1.49 0.00



ARTHUR_KILL_COGEN 323718	31.53 1.56 0.00	28.63 1.31 0.00	27.43 1.11 0.00	25.17 1.04 0.00	22.64 0.96 0.00	26.75 0.94 0.00	28.35 1.09 0.00	25.17 1.22 0.00	25.42 1.35 0.00	27.56 1.45 0.00	31.59 1.74 0.00	35.66 2.02 0.00	30.92 1.99 0.00	35.22 2.23 0.00	33.47 2.28 -0.01	37.97 2.40 0.00	43.04 2.46 0.00	44.37 2.56 0.00	41.15 2.52 0.00	36.15 2.33 -0.01	38.93 1.75 -8.27	29.09 1.65 -0.99	27.94 1.67 0.00	27.32 1.55 0.00
ASHOKAN____ 23654	31.08 1.12 0.00	28.23 0.92 0.00	27.14 0.82 0.00	24.91 0.78 0.00	22.43 0.75 0.00	26.55 0.75 0.00	28.08 0.82 0.00	24.92 0.97 0.00	25.17 1.09 0.00	27.29 1.18 0.00	31.23 1.38 0.00	35.31 1.67 0.00	30.40 1.47 0.00	34.51 1.53 0.00	32.68 1.50 0.00	37.12 1.56 0.00	42.51 1.93 0.00	43.81 2.00 0.00	40.53 1.91 0.00	35.55 1.73 0.00	30.34 1.43 0.00	27.69 1.24 0.00	27.46 1.19 0.00	26.77 1.00 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.60 1.64 0.00	28.69 1.38 0.00	27.48 1.16 0.00	25.25 1.12 0.00	22.71 1.03 0.00	26.80 0.99 0.00	28.41 1.15 0.00	25.22 1.28 0.00	25.49 1.42 0.00	27.59 1.48 0.00	31.74 1.88 0.00	35.81 2.17 0.00	31.04 2.11 0.00	35.32 2.33 0.00	33.53 2.36 0.00	38.03 2.46 0.00	43.16 2.58 0.00	44.41 2.60 0.00	41.09 2.46 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.11 1.67 0.00	27.94 1.67 0.00	27.30 1.53 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.60 1.64 0.00	28.69 1.38 0.00	27.48 1.16 0.00	25.25 1.12 0.00	22.71 1.03 0.00	26.80 0.99 0.00	28.41 1.15 0.00	25.22 1.28 0.00	25.49 1.42 0.00	27.59 1.48 0.00	31.74 1.88 0.00	35.81 2.17 0.00	31.04 2.11 0.00	35.32 2.33 0.00	33.53 2.36 0.00	38.03 2.46 0.00	43.16 2.58 0.00	44.41 2.60 0.00	41.09 2.46 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.11 1.67 0.00	27.94 1.67 0.00	27.30 1.53 0.00
ASTORIA_GT2_1 24094	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT2_2 24095	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT2_3 24096	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT2_4 24097	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT3_1 24098	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT3_2 24099	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT3_3 24100	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT3_4 24101	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT4_1 24102	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT4_2 24103	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT4_3 24104	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00



ASTORIA_GT4_4 24105	31.60 1.63 0.00	28.70 1.38 0.00	27.50 1.17 0.00	25.25 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.24 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.91 0.00	35.83 2.19 0.00	31.06 2.12 0.00	35.33 2.34 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.18 2.60 0.00	44.44 2.63 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT_1 23523	31.68 1.71 0.00	28.75 1.44 0.00	27.54 1.22 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.85 1.05 0.00	28.47 1.21 0.00	25.28 1.33 0.00	25.55 1.47 0.00	27.66 1.55 0.00	31.82 1.97 0.00	35.91 2.26 0.00	31.13 2.20 0.00	35.42 2.43 0.00	33.63 2.45 0.00	38.13 2.57 0.00	43.28 2.70 0.00	44.54 2.73 0.00	41.21 2.58 0.00	36.16 2.34 0.00	30.72 1.81 0.00	28.20 1.75 0.00	28.00 1.74 0.00	27.38 1.61 0.00
ASTORIA_GT_10 24110	31.58 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.48 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.33 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.45 2.64 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT_11 24225	31.58 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.48 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.33 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.45 2.64 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT_12 24226	31.58 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.48 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.33 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.45 2.64 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT_13 24227	31.58 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.48 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.33 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.45 2.64 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.55 0.00
ASTORIA_GT_5 24106	31.67 1.70 0.00	28.76 1.44 0.00	27.55 1.23 0.00	25.29 1.16 0.00	22.76 1.07 0.00	26.85 1.05 0.00	28.47 1.21 0.00	25.29 1.34 0.00	25.55 1.47 0.00	27.66 1.55 0.00	31.83 1.97 0.00	35.91 2.26 0.00	31.13 2.20 0.00	35.41 2.43 0.00	33.63 2.45 0.00	38.13 2.57 0.00	43.28 2.70 0.00	44.55 2.74 0.00	41.21 2.58 0.00	36.16 2.34 0.00	30.72 1.81 0.00	28.20 1.75 0.00	28.01 1.74 0.00	27.38 1.61 0.00
ASTORIA_GT_7 24107	31.67 1.70 0.00	28.76 1.44 0.00	27.55 1.23 0.00	25.29 1.16 0.00	22.76 1.07 0.00	26.85 1.05 0.00	28.47 1.21 0.00	25.29 1.34 0.00	25.55 1.47 0.00	27.66 1.55 0.00	31.83 1.97 0.00	35.91 2.26 0.00	31.13 2.20 0.00	35.41 2.43 0.00	33.63 2.45 0.00	38.13 2.57 0.00	43.28 2.70 0.00	44.55 2.74 0.00	41.21 2.58 0.00	36.16 2.34 0.00	30.72 1.81 0.00	28.20 1.75 0.00	28.01 1.74 0.00	27.38 1.61 0.00
ASTORIA_GT_8 24108	31.67 1.70 0.00	28.76 1.44 0.00	27.55 1.23 0.00	25.29 1.16 0.00	22.76 1.07 0.00	26.85 1.05 0.00	28.47 1.21 0.00	25.29 1.34 0.00	25.55 1.47 0.00	27.66 1.55 0.00	31.83 1.97 0.00	35.91 2.26 0.00	31.13 2.20 0.00	35.41 2.43 0.00	33.63 2.45 0.00	38.13 2.57 0.00	43.28 2.70 0.00	44.55 2.74 0.00	41.21 2.58 0.00	36.16 2.34 0.00	30.72 1.81 0.00	28.20 1.75 0.00	28.01 1.74 0.00	27.38 1.61 0.00
ASTORIA___2 24149	31.61 1.64 0.00	28.70 1.38 0.00	27.49 1.17 0.00	25.26 1.12 0.00	22.71 1.04 0.00	26.81 1.00 0.00	28.42 1.17 0.00	25.23 1.29 0.00	25.50 1.43 0.00	27.61 1.50 0.00	31.76 1.90 0.00	35.83 2.19 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.55 2.37 0.00	38.04 2.48 0.00	43.17 2.59 0.00	44.43 2.62 0.00	41.11 2.48 0.00	36.08 2.26 0.00	30.64 1.73 0.00	28.13 1.68 0.00	27.95 1.68 0.00	27.33 1.55 0.00
ASTORIA___3 23516	31.59 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.22 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.56 0.00
ASTORIA___4 23517	31.58 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.48 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.33 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.45 2.64 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.55 0.00
ASTORIA___5 23518	31.59 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.22 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.56 0.00
AST_ENERGY_2_CC3 323677	31.52 1.55 0.00	28.62 1.30 0.00	27.41 1.09 0.00	25.15 1.02 0.00	22.64 0.96 0.00	26.74 0.93 0.00	28.32 1.06 0.00	25.16 1.22 0.00	25.40 1.33 0.00	27.55 1.44 0.00	31.66 1.80 0.00	35.75 2.10 0.00	31.00 2.07 0.00	35.27 2.28 0.00	33.48 2.30 0.00	38.01 2.44 0.00	43.17 2.59 0.00	44.42 2.61 0.00	41.07 2.45 0.00	36.01 2.19 0.00	30.57 1.66 0.00	28.02 1.58 0.00	27.86 1.60 0.00	27.29 1.51 0.00
AST_ENERGY_2_CC4 323678	31.52 1.55 0.00	28.62 1.30 0.00	27.41 1.09 0.00	25.15 1.02 0.00	22.64 0.96 0.00	26.74 0.93 0.00	28.32 1.06 0.00	25.16 1.22 0.00	25.40 1.33 0.00	27.55 1.44 0.00	31.66 1.80 0.00	35.75 2.10 0.00	31.00 2.07 0.00	35.27 2.28 0.00	33.48 2.30 0.00	38.01 2.44 0.00	43.17 2.59 0.00	44.42 2.61 0.00	41.07 2.45 0.00	36.01 2.19 0.00	30.57 1.66 0.00	28.02 1.58 0.00	27.86 1.60 0.00	27.29 1.51 0.00



ATHENS_STG_1 23668	30.55 0.58 0.00	27.80 0.49 0.00	26.74 0.41 0.00	24.54 0.41 0.00	22.10 0.42 0.00	26.15 0.35 0.00	27.65 0.39 0.00	24.48 0.53 0.00	24.64 0.56 0.00	26.68 0.57 0.00	30.57 0.72 0.00	34.50 0.85 0.00	29.79 0.85 0.00	33.88 0.90 0.00	32.11 0.93 0.00	36.49 0.92 0.00	41.57 0.99 0.00	42.81 1.01 0.00	39.57 0.94 0.00	34.67 0.85 0.00	29.58 0.67 0.00	27.08 0.64 0.00	26.92 0.66 0.00	26.38 0.61 0.00
ATHENS_STG_2 23670	30.55 0.58 0.00	27.80 0.49 0.00	26.74 0.41 0.00	24.54 0.41 0.00	22.10 0.42 0.00	26.15 0.35 0.00	27.65 0.39 0.00	24.48 0.53 0.00	24.64 0.56 0.00	26.68 0.57 0.00	30.57 0.72 0.00	34.50 0.85 0.00	29.79 0.85 0.00	33.88 0.90 0.00	32.11 0.93 0.00	36.49 0.92 0.00	41.57 0.99 0.00	42.81 1.01 0.00	39.57 0.94 0.00	34.67 0.85 0.00	29.58 0.67 0.00	27.08 0.64 0.00	26.92 0.66 0.00	26.38 0.61 0.00
ATHENS_STG_3 23677	30.55 0.58 0.00	27.80 0.49 0.00	26.74 0.41 0.00	24.54 0.41 0.00	22.10 0.42 0.00	26.15 0.35 0.00	27.65 0.39 0.00	24.48 0.53 0.00	24.64 0.56 0.00	26.68 0.57 0.00	30.57 0.72 0.00	34.50 0.85 0.00	29.79 0.85 0.00	33.88 0.90 0.00	32.11 0.93 0.00	36.49 0.92 0.00	41.57 0.99 0.00	42.81 1.01 0.00	39.57 0.94 0.00	34.67 0.85 0.00	29.58 0.67 0.00	27.08 0.64 0.00	26.92 0.66 0.00	26.38 0.61 0.00
AUBURN___LFGE 323710	29.97 0.00 0.00	27.32 0.01 0.00	26.35 0.00 -0.02	25.27 -0.05 -1.19	21.72 0.02 -0.02	26.16 0.00 -0.35	27.20 -0.06 0.00	24.43 0.10 -0.38	24.15 0.06 -0.01	26.18 0.07 0.00	29.95 0.09 0.00	33.78 0.13 0.00	29.11 0.17 0.00	33.02 0.04 0.00	31.46 0.02 -0.26	35.63 0.07 0.00	40.64 0.06 0.00	42.45 0.36 -0.28	38.83 0.20 0.00	34.12 0.30 0.00	29.23 0.32 0.00	26.70 0.25 0.00	26.37 0.11 0.00	25.94 0.17 0.00
BABYLON_RES_REC 323704	31.97 2.00 0.00	28.98 1.66 0.00	27.76 1.44 0.00	25.43 1.29 0.00	22.83 1.15 0.00	26.93 1.13 0.00	28.63 1.37 0.00	25.45 1.50 0.00	25.68 1.61 0.00	27.92 1.80 0.00	34.11 2.35 -1.91	36.45 2.52 -0.29	34.96 2.62 -3.41	35.97 2.75 -0.23	34.26 2.69 -0.39	38.04 2.47 0.00	43.28 2.70 0.00	44.57 2.76 0.00	41.18 2.55 0.00	36.14 2.32 0.00	30.70 1.79 0.00	28.26 1.82 0.00	28.55 1.99 -0.29	27.69 1.91 0.00
BABYLON__69_KV_BK2 356345	32.30 2.33 0.00	29.25 1.94 0.00	28.04 1.71 0.00	25.65 1.52 0.00	23.04 1.35 0.00	27.16 1.36 0.00	28.90 1.64 0.00	25.70 1.75 0.00	25.94 1.87 0.00	28.23 2.12 0.00	34.49 2.72 -1.91	36.87 2.94 -0.29	35.36 3.01 -3.41	36.37 3.16 -0.23	34.67 3.10 -0.39	38.54 2.97 0.00	43.81 3.23 0.00	45.05 3.25 0.00	41.62 3.00 0.00	36.57 2.75 0.00	31.07 2.16 0.00	28.59 2.14 0.00	28.87 2.31 -0.29	27.98 2.20 0.00
BALL_HILL_WT_PWR 323825	27.98 -1.98 0.00	25.52 -1.79 0.00	24.53 -1.71 0.08	17.03 -1.55 5.56	20.18 -1.43 0.07	22.73 -1.44 1.63	25.68 -1.58 0.00	20.74 -1.49 1.72	22.63 -1.40 0.05	24.90 -1.21 0.00	28.42 -1.43 0.00	32.25 -1.40 0.00	27.73 -1.21 0.00	31.26 -1.73 0.00	27.97 -2.00 1.21	33.26 -2.30 0.00	37.99 -2.60 0.00	38.00 -2.50 1.31	36.32 -2.31 0.00	31.80 -2.02 0.00	27.34 -1.57 0.00	25.32 -1.13 0.00	25.01 -1.25 0.00	24.72 -1.06 0.00
BARON_WINDS___WT_PWR 323822	27.70 -2.27 0.01	25.32 -1.99 0.00	24.28 -1.92 0.13	13.62 -1.72 8.78	19.89 -1.68 0.12	21.28 -1.95 2.58	25.48 -1.78 0.00	19.72 -1.54 2.69	22.57 -1.42 0.08	24.77 -1.34 0.00	28.29 -1.56 0.00	32.14 -1.50 0.00	27.66 -1.28 0.00	31.37 -1.61 0.00	27.55 -1.71 1.92	33.70 -1.87 0.00	38.49 -2.09 0.00	37.63 -2.10 2.08	36.87 -1.75 0.00	32.32 -1.50 0.00	27.81 -1.10 0.00	25.56 -0.89 0.00	25.30 -0.97 0.00	24.91 -0.86 0.00
BARRETT_IC_1 23704	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_10 23701	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 0.00	36.04 2.10 0.00	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_11 23702	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_12 23703	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_2 23705	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_3 23706	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_4 23707	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00



BARRETT_IC_5 23708	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_6 23709	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_7 23710	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.25 0.00	25.26 1.12 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.25 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.76 2.00 -1.91	36.03 2.10 -0.29	34.56 2.21 -3.41	35.52 2.31 -0.23	33.90 2.33 -0.39	37.73 2.16 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.36 1.80 -0.29	27.49 1.71 0.00
BARRETT_IC_8 23711	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT_IC_9 23700	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT___1 23545	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BARRETT___2 23546	31.74 1.77 0.00	28.77 1.46 0.00	27.57 1.24 0.00	25.26 1.13 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.43 1.17 0.00	25.26 1.31 0.00	25.47 1.40 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.04 2.10 -0.29	34.56 2.21 -3.41	35.54 2.33 -0.23	33.90 2.33 -0.39	37.73 2.17 0.00	42.90 2.32 0.00	44.18 2.38 0.00	40.78 2.16 0.00	35.76 1.94 0.00	30.40 1.49 0.00	28.05 1.60 0.00	28.35 1.79 -0.29	27.49 1.71 0.00
BATAVIA__115KV_TB1 55881	28.95 -1.02 0.00	26.45 -0.87 0.00	25.45 -0.82 0.06	19.42 -0.73 3.99	20.81 -0.82 0.05	23.92 -0.72 1.17	26.41 -0.85 0.00	21.78 -0.92 1.25	23.21 -0.82 0.04	25.49 -0.62 0.00	29.15 -0.70 0.00	32.90 -0.74 0.00	28.31 -0.62 0.00	31.93 -1.05 0.00	29.05 -1.27 0.86	34.06 -1.51 0.00	38.97 -1.61 0.00	39.67 -1.20 0.93	37.67 -0.95 0.00	33.01 -0.81 0.00	28.40 -0.51 0.00	26.19 -0.26 0.00	25.74 -0.53 0.00	25.38 -0.40 0.00
BAYONEEC___CTG1 323682	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG10 323750	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG2 323683	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG3 323684	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG4 323685	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG5 323686	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG6 323687	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00



BAYONEEC___CTG7 323688	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG8 323689	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BAYONEEC___CTG9 323749	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.19 1.06 0.00	22.67 0.98 0.00	26.78 0.97 0.00	28.36 1.10 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.12 0.00	35.33 2.34 0.00	33.53 2.35 0.00	38.07 2.50 0.00	43.25 2.67 0.00	44.46 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
BEACON___LESR 323632	30.56 0.59 0.00	27.77 0.45 0.00	26.67 0.34 0.00	24.51 0.38 0.00	22.12 0.44 0.00	26.20 0.40 0.00	27.65 0.40 0.00	24.53 0.59 0.00	24.71 0.64 0.00	26.69 0.58 0.00	30.52 0.66 0.00	34.43 0.79 0.00	29.71 0.78 0.00	33.89 0.90 0.00	32.02 0.84 0.00	36.46 0.90 0.00	41.63 1.05 0.00	42.71 0.90 0.00	39.45 0.82 0.00	34.67 0.85 0.00	29.65 0.74 0.00	27.09 0.64 0.00	26.97 0.70 0.00	26.35 0.58 0.00
BEAVER RIVER___HYD 24048	29.24 -0.73 0.00	26.58 -0.74 0.00	25.60 -0.73 0.00	23.42 -0.71 0.00	21.02 -0.66 0.00	25.21 -0.59 0.00	26.56 -0.70 0.00	23.34 -0.61 0.00	23.63 -0.44 0.00	25.73 -0.38 0.00	29.17 -0.68 0.00	33.00 -0.64 0.00	28.09 -0.85 0.00	32.13 -0.86 0.00	30.57 -0.61 0.00	35.06 -0.51 0.00	40.62 0.04 0.00	42.47 0.66 0.00	38.66 0.04 0.00	33.75 -0.07 0.00	28.95 0.04 0.00	26.45 0.01 0.00	26.26 0.00 0.00	25.81 0.03 0.00
BEEBEE_GT_13 23619	29.05 -0.92 0.00	26.53 -0.79 0.00	25.53 -0.75 0.04	20.53 -0.71 2.89	20.92 -0.72 0.04	24.25 -0.70 0.85	26.44 -0.81 0.00	22.20 -0.82 0.92	23.28 -0.77 0.03	25.50 -0.61 0.00	29.15 -0.70 0.00	32.97 -0.68 0.00	28.37 -0.57 0.00	32.14 -0.84 0.00	29.62 -0.93 0.63	34.42 -1.15 0.00	39.30 -1.28 0.00	40.07 -1.06 0.69	37.69 -0.93 0.00	32.99 -0.83 0.00	28.30 -0.61 0.00	26.02 -0.43 0.00	25.66 -0.60 0.00	25.27 -0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.90 1.94 0.00	28.95 1.64 0.00	27.73 1.40 0.00	25.43 1.30 0.00	22.88 1.20 0.00	27.03 1.23 0.00	28.64 1.39 0.00	25.44 1.49 0.00	25.70 1.63 0.00	27.89 1.78 0.00	32.03 2.17 0.00	36.16 2.52 0.00	31.38 2.44 0.00	35.70 2.71 0.00	33.89 2.71 -0.01	38.47 2.90 0.00	43.63 3.05 0.00	44.95 3.14 0.00	41.60 2.97 0.00	36.50 2.68 -0.01	39.26 2.08 -8.27	29.40 1.97 -0.99	28.26 1.99 0.00	27.63 1.85 0.00
BETHLEHEM___GRP 23843	30.08 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.24 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.24 0.26 0.00	31.50 0.31 0.00	35.80 0.23 0.00	40.81 0.22 0.00	42.04 0.23 0.00	38.81 0.19 0.00	34.02 0.20 0.00	29.10 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
BETHLEHEM___GS1 323560	30.07 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.25 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.25 0.26 0.00	31.49 0.31 0.00	35.80 0.23 0.00	40.81 0.23 0.00	42.04 0.23 0.00	38.82 0.19 0.00	34.03 0.20 0.00	29.11 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
BETHLEHEM___GS2 323561	30.07 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.25 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.25 0.26 0.00	31.49 0.31 0.00	35.80 0.23 0.00	40.81 0.23 0.00	42.04 0.23 0.00	38.82 0.19 0.00	34.03 0.20 0.00	29.11 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
BETHLEHEM___GS3 323562	30.07 0.11 0.00	27.41 0.09 0.00	26.37 0.05 0.00	24.23 0.10 0.00	21.85 0.17 0.00	25.84 0.04 0.00	27.29 0.04 0.00	24.21 0.26 0.00	24.32 0.25 0.00	26.27 0.16 0.00	30.06 0.21 0.00	33.92 0.27 0.00	29.22 0.29 0.00	33.25 0.26 0.00	31.49 0.31 0.00	35.80 0.23 0.00	40.81 0.23 0.00	42.04 0.23 0.00	38.82 0.19 0.00	34.03 0.20 0.00	29.11 0.20 0.00	26.62 0.17 0.00	26.47 0.21 0.00	25.93 0.15 0.00
BETHLEHEM___STEEL 23779	28.05 -1.91 0.00	25.66 -1.65 0.00	24.67 -1.57 0.08	17.33 -1.43 5.38	20.18 -1.43 0.07	22.81 -1.42 1.58	25.67 -1.58 0.00	20.75 -1.54 1.66	22.60 -1.42 0.05	24.90 -1.21 0.00	28.41 -1.45 0.00	32.26 -1.39 0.00	27.72 -1.21 0.00	31.22 -1.77 0.00	27.99 -2.02 1.17	33.19 -2.37 0.00	37.92 -2.66 0.00	38.07 -2.47 1.27	36.36 -2.26 0.00	31.81 -2.02 0.00	27.39 -1.53 0.00	25.34 -1.11 0.00	24.98 -1.28 0.00	24.72 -1.06 0.00
BETHLHEM_115KV_TB1 79974	30.15 0.18 0.00	27.48 0.16 0.00	26.44 0.11 0.00	24.29 0.15 0.00	21.90 0.21 0.00	25.90 0.10 0.00	27.36 0.11 0.00	24.25 0.30 0.00	24.37 0.29 0.00	26.34 0.22 0.00	30.15 0.29 0.00	34.00 0.36 0.00	29.30 0.36 0.00	33.34 0.35 0.00	31.57 0.39 0.00	35.89 0.32 0.00	40.92 0.33 0.00	42.14 0.34 0.00	38.92 0.29 0.00	34.12 0.30 0.00	29.17 0.26 0.00	26.69 0.24 0.00	26.54 0.27 0.00	26.00 0.22 0.00
BETHPAGE_CC_5 323564	31.85 1.88 0.00	28.87 1.55 0.00	27.66 1.33 0.00	25.33 1.20 0.00	22.76 1.08 0.00	26.85 1.05 0.00	28.53 1.28 0.00	25.36 1.41 0.00	25.59 1.52 0.00	27.80 1.69 0.00	33.95 2.19 -1.91	36.27 2.34 -0.29	34.78 2.43 -3.41	35.75 2.53 -0.23	34.06 2.50 -0.39	37.92 2.36 0.00	43.15 2.57 0.00	44.42 2.61 0.00	41.01 2.38 0.00	35.98 2.16 0.00	30.56 1.65 0.00	28.14 1.69 0.00	28.41 1.85 -0.29	27.54 1.76 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.13 -1.84 0.00	25.73 -1.58 0.00	24.73 -1.51 0.08	17.26 -1.37 5.50	20.23 -1.38 0.07	22.83 -1.36 1.62	25.74 -1.52 0.00	20.78 -1.47 1.70	22.67 -1.35 0.05	24.98 -1.13 0.00	28.51 -1.34 0.00	32.38 -1.27 0.00	27.84 -1.10 0.00	31.36 -1.63 0.00	28.11 -1.88 1.20	33.36 -2.21 0.00	38.12 -2.47 0.00	38.24 -2.27 1.30	36.53 -2.09 0.00	31.96 -1.86 0.00	27.50 -1.41 0.00	25.43 -1.01 0.00	25.08 -1.19 0.00	24.80 -0.98 0.00



BINGHAMTON___COGEN 23790	29.87 -0.09 0.00	27.17 -0.14 0.00	26.19 -0.13 0.00	24.02 -0.11 0.00	21.59 -0.09 0.00	25.68 -0.12 0.00	27.14 -0.12 0.00	23.92 -0.02 0.00	24.05 -0.02 0.00	26.11 0.00 0.00	29.88 0.02 0.00	33.76 0.12 0.00	29.08 0.15 0.00	33.09 0.11 0.00	31.23 0.05 0.00	35.62 0.05 0.00	40.70 0.12 0.00	41.94 0.13 0.00	38.82 0.20 0.00	33.99 0.17 0.00	29.07 0.16 0.00	26.61 0.16 0.00	26.38 0.11 0.00	25.89 0.11 0.00
BIXINCNT_115KV_LOAD 355685	27.90 -2.06 0.00	25.66 -1.65 0.00	24.67 -1.56 0.09	16.39 -1.52 6.22	20.05 -1.55 0.08	22.56 -1.42 1.83	25.75 -1.51 0.00	20.64 -1.39 1.92	22.75 -1.26 0.06	25.14 -0.97 0.00	28.68 -1.18 0.00	32.53 -1.12 0.00	28.00 -0.94 0.00	31.50 -1.49 0.00	28.16 -1.66 1.35	33.62 -1.95 0.00	38.43 -2.15 0.00	38.38 -1.96 1.47	36.71 -1.91 0.00	32.27 -1.55 0.00	27.72 -1.19 0.00	25.59 -0.86 0.00	25.28 -0.99 0.00	24.98 -0.80 0.00
BLACK RIVER___HYD 24047	29.20 -0.77 0.00	26.53 -0.79 0.00	25.58 -0.74 0.00	23.41 -0.72 0.00	21.05 -0.64 0.00	25.30 -0.50 0.00	26.61 -0.65 0.00	23.37 -0.57 0.00	23.69 -0.38 0.00	25.81 -0.30 0.00	29.20 -0.66 0.00	33.07 -0.57 0.00	28.11 -0.83 0.00	32.24 -0.74 0.00	30.74 -0.44 0.00	35.22 -0.34 0.00	41.01 0.43 0.00	42.96 1.15 0.00	38.89 0.26 0.00	34.03 0.21 0.00	29.19 0.28 0.00	26.66 0.21 0.00	26.36 0.09 0.00	25.93 0.15 0.00
BLACKRVR_115KV_TB2 79977	29.20 -0.77 0.00	26.53 -0.79 0.00	25.58 -0.74 0.00	23.41 -0.72 0.00	21.04 -0.64 0.00	25.30 -0.50 0.00	26.61 -0.65 0.00	23.37 -0.57 0.00	23.69 -0.38 0.00	25.81 -0.30 0.00	29.20 -0.66 0.00	33.07 -0.57 0.00	28.11 -0.83 0.00	32.24 -0.74 0.00	30.74 -0.43 0.00	35.22 -0.34 0.00	41.01 0.43 0.00	42.96 1.15 0.00	38.88 0.26 0.00	34.03 0.21 0.00	29.19 0.28 0.00	26.66 0.21 0.00	26.36 0.09 0.00	25.93 0.15 0.00
BLISS_WT_PWR 323608	27.72 -2.24 0.00	25.56 -1.76 0.00	24.58 -1.65 0.09	16.25 -1.66 6.22	19.93 -1.66 0.08	22.46 -1.52 1.83	25.68 -1.58 0.00	20.58 -1.45 1.92	22.70 -1.31 0.06	25.11 -1.00 0.00	28.67 -1.18 0.00	32.50 -1.15 0.00	27.98 -0.95 0.00	31.44 -1.55 0.00	28.14 -1.69 1.35	33.58 -1.99 0.00	38.40 -2.18 0.00	38.36 -1.98 1.47	36.67 -1.95 0.00	32.25 -1.58 0.00	27.69 -1.22 0.00	25.55 -0.90 0.00	25.25 -1.02 0.00	24.95 -0.82 0.00
BLUESTONE___WT_PWR 323821	30.70 0.74 0.00	27.40 0.08 0.00	27.00 0.64 -0.03	26.72 0.39 -2.20	22.04 0.33 -0.03	27.03 0.58 -0.64	27.60 0.35 0.00	25.22 0.61 -0.67	24.73 0.63 -0.02	26.62 0.51 0.00	30.65 0.80 0.00	34.70 1.05 0.00	29.81 0.87 0.00	33.83 0.84 0.00	32.46 0.80 -0.48	36.69 1.13 0.00	42.08 1.50 0.00	43.99 1.66 -0.52	40.01 1.38 0.00	34.91 1.09 0.00	29.93 1.02 0.00	27.17 0.72 0.00	26.96 0.69 0.00	26.58 0.80 0.00
BLUE_CIRC_CHEM_DRP 24182	30.51 0.54 0.00	27.81 0.50 0.00	26.78 0.46 0.00	24.61 0.48 0.00	22.16 0.48 0.00	26.25 0.45 0.00	27.72 0.47 0.00	24.52 0.58 0.00	24.65 0.57 0.00	26.62 0.51 0.00	30.44 0.59 0.00	34.32 0.68 0.00	29.53 0.59 0.00	33.60 0.61 0.00	31.81 0.63 0.00	36.20 0.63 0.00	41.32 0.74 0.00	42.54 0.73 0.00	39.31 0.69 0.00	34.50 0.68 0.00	29.52 0.60 0.00	27.00 0.55 0.00	26.83 0.57 0.00	26.29 0.52 0.00
BOC_GAS_DRP 24189	30.32 0.35 0.00	27.62 0.31 0.00	26.59 0.27 0.00	24.42 0.28 0.00	21.99 0.31 0.00	26.04 0.24 0.00	27.52 0.26 0.00	24.34 0.39 0.00	24.47 0.40 0.00	26.47 0.36 0.00	30.30 0.45 0.00	34.19 0.54 0.00	29.47 0.53 0.00	33.52 0.54 0.00	31.75 0.57 0.00	36.10 0.53 0.00	41.15 0.57 0.00	42.39 0.58 0.00	39.15 0.52 0.00	34.32 0.50 0.00	29.33 0.42 0.00	26.84 0.39 0.00	26.68 0.42 0.00	26.16 0.38 0.00
BOONVILLE_115KV_TB1 79983	30.08 0.11 0.00	27.36 0.05 0.00	26.34 0.01 0.00	24.14 0.00 0.00	21.69 0.01 0.00	25.86 0.06 0.00	27.31 0.06 0.00	24.06 0.12 0.00	24.27 0.19 0.00	26.35 0.24 0.00	30.07 0.21 0.00	34.03 0.38 0.00	29.12 0.19 0.00	33.20 0.21 0.00	31.48 0.29 0.00	35.97 0.40 0.00	41.29 0.70 0.00	42.86 1.06 0.00	39.40 0.77 0.00	34.46 0.64 0.00	29.49 0.58 0.00	26.93 0.49 0.00	26.74 0.47 0.00	26.23 0.45 0.00
BORALEX_4TH_BRANCH 23824	31.11 1.15 0.00	28.35 1.03 0.00	27.24 0.92 0.00	25.13 1.00 0.00	22.68 1.00 0.00	26.82 1.02 0.00	28.31 1.05 0.00	25.07 1.13 0.00	25.24 1.17 0.00	27.23 1.12 0.00	31.13 1.27 0.00	35.07 1.42 0.00	30.16 1.22 0.00	34.20 1.22 0.00	32.36 1.18 0.00	36.66 1.09 0.00	41.61 1.03 0.00	42.98 1.17 0.00	39.61 0.99 0.00	34.77 0.95 0.00	29.90 0.99 0.00	27.40 0.95 0.00	27.32 1.06 0.00	26.82 1.05 0.00
BOWLINE___1 23526	31.22 1.26 0.00	28.35 1.04 0.00	27.18 0.86 0.00	24.94 0.81 0.00	22.44 0.75 0.00	26.52 0.72 0.00	28.08 0.82 0.00	24.93 0.98 0.00	25.16 1.09 0.00	27.27 1.16 0.00	31.31 1.46 0.00	35.37 1.73 0.00	30.66 1.72 0.00	34.86 1.88 0.00	33.09 1.91 0.00	37.59 2.02 0.00	42.81 2.23 0.00	44.06 2.26 0.00	40.71 2.09 0.00	35.67 1.85 0.00	30.33 1.42 0.00	27.78 1.34 0.00	27.61 1.35 0.00	27.04 1.27 0.00
BOWLINE___2 23595	31.22 1.26 0.00	28.35 1.04 0.00	27.18 0.86 0.00	24.94 0.81 0.00	22.44 0.75 0.00	26.52 0.72 0.00	28.08 0.82 0.00	24.93 0.98 0.00	25.16 1.09 0.00	27.27 1.16 0.00	31.31 1.46 0.00	35.37 1.73 0.00	30.66 1.72 0.00	34.86 1.88 0.00	33.09 1.91 0.00	37.59 2.02 0.00	42.81 2.23 0.00	44.06 2.26 0.00	40.71 2.09 0.00	35.67 1.85 0.00	30.33 1.42 0.00	27.78 1.34 0.00	27.61 1.35 0.00	27.04 1.27 0.00
BRADY___115KV_TB2 356060	30.28 0.31 0.00	27.66 0.34 0.00	26.66 0.34 0.00	24.35 0.22 0.00	21.77 0.09 0.00	26.11 0.31 0.00	27.60 0.34 0.00	24.02 0.07 0.00	24.16 0.09 0.00	26.35 0.24 0.00	29.95 0.10 0.00	33.58 -0.06 0.00	28.73 -0.20 0.00	32.80 -0.19 0.00	30.97 -0.21 0.00	35.49 -0.08 0.00	40.76 0.18 0.00	42.39 0.59 0.00	39.18 0.56 0.00	34.23 0.41 0.00	29.32 0.42 0.00	26.77 0.33 0.00	26.53 0.27 0.00	26.05 0.27 0.00
BRANSCOMB___SOLAR 323811	31.59 1.62 0.00	28.73 1.41 0.00	27.60 1.27 0.00	25.34 1.21 0.00	22.87 1.18 0.00	27.10 1.30 0.00	28.61 1.36 0.00	25.31 1.37 0.00	25.56 1.49 0.00	27.64 1.52 0.00	31.52 1.66 0.00	35.51 1.86 0.00	30.52 1.58 0.00	34.62 1.63 0.00	32.78 1.60 0.00	37.30 1.73 0.00	42.59 2.01 0.00	44.00 2.19 0.00	40.71 2.08 0.00	35.72 1.90 0.00	30.63 1.71 0.00	27.99 1.54 0.00	27.76 1.49 0.00	27.17 1.39 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	32.07 2.11 0.00	29.07 1.75 0.00	27.86 1.54 0.00	25.50 1.37 0.00	22.90 1.22 0.00	27.00 1.20 0.00	28.73 1.48 0.00	25.54 1.60 0.00	25.77 1.69 0.00	28.02 1.91 0.00	34.24 2.47 -1.91	36.57 2.63 -0.29	35.11 2.76 -3.41	36.07 2.86 -0.23	34.40 2.83 -0.39	38.15 2.59 0.00	43.32 2.74 0.00	44.46 2.65 0.00	41.09 2.47 0.00	36.15 2.33 0.00	30.72 1.81 0.00	28.29 1.85 0.00	28.62 2.06 -0.29	27.76 1.99 0.00



BRISTLHL_115KV_TB1 79998	29.48 -0.48 0.00	26.86 -0.45 0.00	25.92 -0.40 0.00	23.78 -0.36 0.00	21.37 -0.32 0.00	25.42 -0.38 0.00	26.86 -0.40 0.00	23.62 -0.33 0.00	23.71 -0.37 0.00	25.66 -0.45 0.00	29.33 -0.52 0.00	33.13 -0.52 0.00	28.48 -0.46 0.00	32.50 -0.48 0.00	30.75 -0.43 0.00	35.07 -0.50 0.00	40.10 -0.48 0.00	41.35 -0.46 0.00	38.19 -0.44 0.00	33.46 -0.36 0.00	28.60 -0.31 0.00	26.15 -0.30 0.00	25.91 -0.35 0.00	25.41 -0.37 0.00
BROOKHAVEN___DRP 24191	31.75 1.78 0.00	28.75 1.44 0.00	27.57 1.25 0.00	25.24 1.10 0.00	22.67 0.98 0.00	26.75 0.95 0.00	28.54 1.28 0.00	25.33 1.39 0.00	25.54 1.47 0.00	27.78 1.67 0.00	33.94 2.17 -1.91	36.26 2.32 -0.29	34.84 2.49 -3.41	35.73 2.52 -0.23	34.10 2.53 -0.39	37.83 2.27 0.00	42.98 2.40 0.00	44.24 2.44 0.00	40.86 2.24 0.00	35.88 2.06 0.00	30.45 1.54 0.00	28.00 1.56 0.00	28.31 1.75 -0.29	27.44 1.66 0.00
BROOKLYN_NAVY_YARD 23515	31.57 1.60 0.00	28.66 1.35 0.00	27.44 1.12 0.00	25.18 1.05 0.00	22.67 0.98 0.00	26.76 0.96 0.00	28.35 1.10 0.00	25.19 1.25 0.00	25.43 1.36 0.00	27.57 1.47 0.00	31.70 1.85 0.00	35.79 2.15 0.00	31.02 2.09 0.00	35.32 2.33 0.00	33.53 2.35 0.00	38.08 2.51 0.00	43.23 2.65 0.00	44.46 2.65 0.00	41.11 2.49 0.00	36.04 2.22 0.00	30.59 1.68 0.00	28.05 1.60 0.00	27.89 1.62 0.00	27.32 1.54 0.00
BROOKLYN___ARMY_DRP 323595	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
BROOKVLE_69_KV_TB1 55790	32.05 2.09 0.00	29.07 1.75 0.00	27.85 1.52 0.00	25.50 1.37 0.00	22.92 1.24 0.00	27.05 1.25 0.00	28.72 1.47 0.00	25.52 1.57 0.00	25.76 1.69 0.00	28.00 1.89 0.00	34.18 2.41 -1.91	36.55 2.62 -0.29	35.03 2.68 -3.41	36.04 2.83 -0.23	34.39 2.83 -0.39	38.39 2.82 0.00	43.71 3.13 0.00	45.01 3.20 0.00	41.53 2.91 0.00	36.43 2.61 0.00	30.94 2.03 0.00	28.43 1.99 0.00	28.65 2.09 -0.29	27.77 2.00 0.00
BROOME_2_LFGE 323671	29.87 -0.09 0.00	27.18 -0.14 0.00	26.19 -0.13 0.00	24.01 -0.12 0.00	21.59 -0.09 0.00	25.68 -0.13 0.00	27.14 -0.12 0.00	23.92 -0.03 0.00	24.05 -0.02 0.00	26.11 0.00 0.00	29.88 0.03 0.00	33.76 0.12 0.00	29.08 0.15 0.00	33.09 0.11 0.00	31.23 0.05 0.00	35.62 0.05 0.00	40.70 0.12 0.00	41.94 0.13 0.00	38.82 0.20 0.00	33.99 0.17 0.00	29.07 0.15 0.00	26.61 0.16 0.00	26.38 0.12 0.00	25.89 0.11 0.00
BROOME___LFGE 323600	29.87 -0.09 0.00	27.18 -0.14 0.00	26.19 -0.13 0.00	24.01 -0.12 0.00	21.59 -0.09 0.00	25.68 -0.13 0.00	27.14 -0.12 0.00	23.92 -0.03 0.00	24.05 -0.02 0.00	26.11 0.00 0.00	29.88 0.03 0.00	33.76 0.12 0.00	29.08 0.15 0.00	33.09 0.11 0.00	31.23 0.05 0.00	35.62 0.05 0.00	40.70 0.12 0.00	41.94 0.13 0.00	38.82 0.20 0.00	33.99 0.17 0.00	29.07 0.15 0.00	26.61 0.16 0.00	26.38 0.12 0.00	25.89 0.11 0.00
BROWNFLS_115KV_TB_3_5 80003	29.34 -0.63 0.00	26.73 -0.59 0.00	25.75 -0.58 0.00	23.53 -0.61 0.00	21.08 -0.60 0.00	25.27 -0.53 0.00	26.67 -0.59 0.00	23.35 -0.60 0.00	23.59 -0.49 0.00	25.70 -0.41 0.00	29.17 -0.69 0.00	32.91 -0.74 0.00	28.05 -0.88 0.00	32.09 -0.90 0.00	30.44 -0.74 0.00	34.91 -0.66 0.00	40.29 -0.30 0.00	41.96 0.15 0.00	38.42 -0.21 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.27 -0.18 0.00	26.07 -0.20 0.00	25.60 -0.17 0.00
BROWNSV1_27_KV_LOAD 356125	31.91 1.94 0.00	28.96 1.64 0.00	27.73 1.41 0.00	25.44 1.30 0.00	22.90 1.22 0.00	27.04 1.24 0.00	28.64 1.38 0.00	25.44 1.50 0.00	25.69 1.62 0.00	27.88 1.78 0.00	32.06 2.21 0.00	36.21 2.56 0.00	31.41 2.48 0.00	35.73 2.75 0.00	33.92 2.75 0.00	38.53 2.97 0.00	43.78 3.20 0.00	45.04 3.23 0.00	41.65 3.03 0.00	36.52 2.70 0.00	30.99 2.08 0.00	28.40 1.96 0.00	28.23 1.97 0.00	27.65 1.87 0.00
BURROWS___LYONSDAL 23803	29.86 -0.11 0.00	27.14 -0.17 0.00	26.13 -0.20 0.00	23.94 -0.19 0.00	21.51 -0.17 0.00	25.68 -0.12 0.00	27.09 -0.16 0.00	23.86 -0.08 0.00	24.10 0.03 0.00	26.19 0.08 0.00	29.84 -0.01 0.00	33.77 0.12 0.00	28.85 -0.08 0.00	32.91 -0.08 0.00	31.24 0.06 0.00	35.75 0.18 0.00	41.12 0.54 0.00	42.78 0.97 0.00	39.22 0.60 0.00	34.26 0.44 0.00	29.34 0.43 0.00	26.81 0.36 0.00	26.63 0.37 0.00	26.15 0.37 0.00
CAITHNESS_CC_1 323624	31.72 1.75 0.00	28.73 1.42 0.00	27.55 1.23 0.00	25.24 1.10 0.00	22.65 0.97 0.00	26.73 0.93 0.00	28.49 1.23 0.00	25.32 1.37 0.00	25.52 1.45 0.00	27.75 1.64 0.00	33.89 2.12 -1.91	36.19 2.26 -0.29	34.79 2.44 -3.41	35.71 2.50 -0.23	34.05 2.48 -0.39	37.78 2.21 0.00	42.92 2.33 0.00	44.16 2.35 0.00	40.79 2.17 0.00	35.82 1.99 0.00	30.40 1.49 0.00	27.97 1.52 0.00	28.28 1.72 -0.29	27.42 1.65 0.00
CALPINE BETH_PAGE_GT4 24209	31.84 1.87 0.00	28.85 1.54 0.00	27.64 1.32 0.00	25.32 1.19 0.00	22.74 1.06 0.00	26.83 1.03 0.00	28.52 1.26 0.00	25.34 1.40 0.00	25.57 1.50 0.00	27.79 1.68 0.00	33.96 2.19 -1.91	36.28 2.35 -0.29	34.79 2.44 -3.41	35.74 2.52 -0.23	34.08 2.52 -0.39	37.96 2.39 0.00	43.19 2.61 0.00	44.47 2.66 0.00	41.05 2.43 0.00	36.01 2.19 0.00	30.59 1.68 0.00	28.16 1.71 0.00	28.41 1.85 -0.29	27.55 1.78 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.84 1.87 0.00	28.85 1.54 0.00	27.64 1.32 0.00	25.32 1.19 0.00	22.74 1.06 0.00	26.83 1.03 0.00	28.52 1.26 0.00	25.34 1.39 0.00	25.57 1.50 0.00	27.79 1.68 0.00	33.95 2.18 -1.91	36.28 2.35 -0.29	34.79 2.44 -3.41	35.75 2.54 -0.23	34.09 2.52 -0.39	37.96 2.39 0.00	43.19 2.61 0.00	44.47 2.66 0.00	41.05 2.43 0.00	36.01 2.19 0.00	30.59 1.68 0.00	28.16 1.71 0.00	28.41 1.85 -0.29	27.55 1.78 0.00
CALPINE_BP_GT1 23823	31.84 1.87 0.00	28.85 1.54 0.00	27.64 1.32 0.00	25.32 1.19 0.00	22.74 1.06 0.00	26.83 1.03 0.00	28.52 1.26 0.00	25.34 1.39 0.00	25.57 1.50 0.00	27.79 1.68 0.00	33.95 2.18 -1.91	36.28 2.35 -0.29	34.79 2.44 -3.41	35.75 2.54 -0.23	34.09 2.52 -0.39	37.96 2.39 0.00	43.19 2.61 0.00	44.47 2.66 0.00	41.05 2.43 0.00	36.01 2.19 0.00	30.59 1.68 0.00	28.16 1.71 0.00	28.41 1.85 -0.29	27.55 1.78 0.00
CALSPAN___DRP 24200	28.05 -1.91 0.00	25.66 -1.65 0.00	24.67 -1.57 0.08	17.33 -1.43 5.38	20.18 -1.43 0.07	22.81 -1.42 1.58	25.67 -1.58 0.00	20.75 -1.54 1.66	22.60 -1.42 0.05	24.90 -1.21 0.00	28.41 -1.45 0.00	32.26 -1.39 0.00	27.72 -1.21 0.00	31.22 -1.77 0.00	27.99 -2.02 1.17	33.19 -2.37 0.00	37.92 -2.66 0.00	38.07 -2.47 1.27	36.36 -2.26 0.00	31.81 -2.02 0.00	27.39 -1.53 0.00	25.34 -1.11 0.00	24.98 -1.28 0.00	24.72 -1.06 0.00



CALVERTON___SOLAR 323806	31.83 1.86 0.00	28.81 1.50 0.00	27.63 1.30 0.00	25.30 1.17 0.00	22.71 1.03 0.00	26.82 1.01 0.00	28.62 1.36 0.00	25.41 1.46 0.00	25.61 1.54 0.00	27.87 1.76 0.00	34.04 2.28 -1.91	36.38 2.44 -0.29	34.95 2.60 -3.41	35.88 2.66 -0.23	34.20 2.63 -0.39	37.95 2.38 0.00	43.12 2.54 0.00	44.40 2.59 0.00	41.01 2.39 0.00	36.02 2.20 0.00	30.56 1.65 0.00	28.08 1.64 0.00	28.38 1.82 -0.29	27.48 1.71 0.00
CANDIGU_WT_PWR 323617	27.70 -2.27 0.01	25.32 -1.99 0.00	24.28 -1.92 0.13	13.62 -1.72 8.78	19.89 -1.68 0.12	21.28 -1.95 2.58	25.48 -1.78 0.00	19.72 -1.54 2.69	22.57 -1.42 0.08	24.77 -1.34 0.00	28.29 -1.56 0.00	32.14 -1.50 0.00	27.66 -1.28 0.00	31.37 -1.61 0.00	27.55 -1.71 1.92	33.70 -1.87 0.00	38.49 -2.09 0.00	37.63 -2.10 2.08	36.87 -1.75 0.00	32.32 -1.50 0.00	27.81 -1.10 0.00	25.56 -0.89 0.00	25.30 -0.97 0.00	24.91 -0.86 0.00
CARR STREET_E_SYR 24060	29.66 -0.31 0.00	27.02 -0.30 0.00	26.08 -0.25 0.00	23.92 -0.22 0.00	21.48 -0.20 0.00	25.56 -0.24 0.00	27.00 -0.26 0.00	23.77 -0.18 0.00	23.85 -0.22 0.00	25.85 -0.26 0.00	29.58 -0.28 0.00	33.41 -0.23 0.00	28.77 -0.16 0.00	32.74 -0.25 0.00	30.96 -0.22 0.00	35.29 -0.27 0.00	40.32 -0.26 0.00	41.63 -0.18 0.00	38.46 -0.16 0.00	33.68 -0.15 0.00	28.78 -0.13 0.00	26.32 -0.12 0.00	26.08 -0.18 0.00	25.59 -0.18 0.00
CARTHAGE___PAPER 23857	29.44 -0.53 0.00	26.74 -0.57 0.00	25.77 -0.55 0.00	23.58 -0.55 0.00	21.18 -0.50 0.00	25.43 -0.37 0.00	26.77 -0.49 0.00	23.52 -0.43 0.00	23.81 -0.26 0.00	25.93 -0.18 0.00	29.33 -0.52 0.00	33.20 -0.45 0.00	28.24 -0.70 0.00	32.38 -0.61 0.00	30.81 -0.37 0.00	35.30 -0.27 0.00	41.08 0.50 0.00	43.04 1.23 0.00	39.07 0.45 0.00	34.14 0.32 0.00	29.28 0.37 0.00	26.75 0.30 0.00	26.50 0.23 0.00	26.04 0.27 0.00
CASSADAGA_WT_PWR 323784	27.92 -2.04 0.00	25.35 -1.96 0.00	24.30 -1.93 0.09	16.37 -1.60 6.16	20.28 -1.32 0.08	22.75 -1.25 1.81	25.95 -1.31 0.00	20.84 -1.22 1.90	22.92 -1.10 0.06	25.30 -0.81 0.00	28.89 -0.96 0.00	32.72 -0.93 0.00	28.17 -0.76 0.00	31.81 -1.17 0.00	28.14 -1.70 1.34	33.69 -1.87 0.00	38.41 -2.17 0.00	38.37 -1.99 1.46	36.58 -2.04 0.00	32.09 -1.73 0.00	27.52 -1.39 0.00	25.62 -0.83 0.00	25.45 -0.82 0.00	25.09 -0.68 0.00
CE_DUNWOOD___DRP 24194	31.39 1.43 0.00	28.51 1.19 0.00	27.33 1.01 0.00	25.07 0.94 0.00	22.56 0.88 0.00	26.67 0.86 0.00	28.23 0.98 0.00	25.07 1.12 0.00	25.31 1.23 0.00	27.43 1.32 0.00	31.52 1.66 0.00	35.58 1.93 0.00	30.84 1.91 0.00	35.06 2.08 0.00	33.28 2.10 0.00	37.77 2.21 0.00	42.98 2.40 0.00	44.24 2.43 0.00	40.89 2.27 0.00	35.83 2.01 0.00	30.45 1.55 0.00	27.91 1.47 0.00	27.76 1.49 0.00	27.18 1.40 0.00
CE_MILLWOOD___DRP 24193	31.33 1.36 0.00	28.45 1.14 0.00	27.28 0.95 0.00	25.03 0.89 0.00	22.53 0.85 0.00	26.62 0.82 0.00	28.19 0.93 0.00	25.02 1.07 0.00	25.26 1.18 0.00	27.38 1.27 0.00	31.44 1.59 0.00	35.50 1.86 0.00	30.77 1.83 0.00	34.98 1.99 0.00	33.20 2.02 0.00	37.69 2.12 0.00	42.89 2.31 0.00	44.15 2.34 0.00	40.80 2.18 0.00	35.76 1.94 0.00	30.40 1.49 0.00	27.86 1.41 0.00	27.69 1.43 0.00	27.12 1.35 0.00
CE_NYC2_DRP 24202	31.61 1.64 0.00	28.70 1.38 0.00	27.49 1.17 0.00	25.23 1.09 0.00	22.70 1.02 0.00	26.81 1.00 0.00	28.41 1.15 0.00	25.23 1.29 0.00	25.48 1.41 0.00	27.64 1.53 0.00	31.75 1.90 0.00	35.84 2.19 0.00	31.09 2.15 0.00	35.36 2.37 0.00	33.57 2.39 0.00	38.09 2.52 0.00	43.23 2.65 0.00	44.47 2.66 0.00	41.14 2.51 0.00	36.09 2.26 0.00	30.65 1.74 0.00	28.11 1.67 0.00	27.96 1.70 0.00	27.35 1.58 0.00
CE_NYC_DRP 24195	31.60 1.64 0.00	28.69 1.38 0.00	27.47 1.15 0.00	25.20 1.07 0.00	22.69 1.01 0.00	26.81 1.00 0.00	28.38 1.12 0.00	25.22 1.27 0.00	25.47 1.39 0.00	27.62 1.51 0.00	31.74 1.89 0.00	35.84 2.20 0.00	31.08 2.15 0.00	35.35 2.37 0.00	33.56 2.38 0.00	38.11 2.54 0.00	43.29 2.71 0.00	44.52 2.72 0.00	41.18 2.56 0.00	36.09 2.27 0.00	30.63 1.72 0.00	28.08 1.63 0.00	27.92 1.65 0.00	27.35 1.57 0.00
CHAFFEE___LFGE 323603	28.18 -1.79 0.00	25.80 -1.52 0.00	24.78 -1.46 0.09	16.96 -1.37 5.81	20.26 -1.35 0.08	22.76 -1.34 1.70	25.77 -1.48 0.00	20.72 -1.44 1.79	22.71 -1.31 0.05	25.03 -1.08 0.00	28.57 -1.28 0.00	32.44 -1.21 0.00	27.86 -1.07 0.00	31.36 -1.63 0.00	28.07 -1.85 1.26	33.41 -2.15 0.00	38.18 -2.40 0.00	38.25 -2.19 1.37	36.61 -2.02 0.00	32.03 -1.79 0.00	27.57 -1.34 0.00	25.49 -0.96 0.00	25.13 -1.14 0.00	24.86 -0.92 0.00
CHATEAUG_35_KV_LOAD 355732	30.20 0.23 0.00	27.68 0.37 0.00	26.68 0.36 0.00	24.29 0.16 0.00	21.68 0.00 0.00	25.99 0.19 0.00	27.51 0.25 0.00	24.01 0.07 0.00	24.26 0.19 0.00	26.39 0.28 0.00	30.12 0.27 0.00	33.77 0.12 0.00	28.86 -0.07 0.00	32.95 -0.03 0.00	31.32 0.14 0.00	35.72 0.15 0.00	40.96 0.38 0.00	42.28 0.48 0.00	39.13 0.50 0.00	34.27 0.45 0.00	29.28 0.37 0.00	26.59 0.14 0.00	26.40 0.14 0.00	25.88 0.11 0.00
CHATEAUG_WT_PWR 323614	30.13 0.17 0.00	27.63 0.32 0.00	26.63 0.31 0.00	24.25 0.12 0.00	21.64 -0.04 0.00	25.95 0.15 0.00	27.45 0.20 0.00	23.98 0.04 0.00	24.25 0.18 0.00	26.34 0.23 0.00	30.07 0.21 0.00	33.76 0.11 0.00	28.87 -0.07 0.00	32.94 -0.04 0.00	31.33 0.15 0.00	35.72 0.15 0.00	40.99 0.41 0.00	42.29 0.48 0.00	39.07 0.45 0.00	34.17 0.35 0.00	29.19 0.28 0.00	26.49 0.04 0.00	26.32 0.06 0.00	25.81 0.04 0.00
CHAT_HIGH_FALL_HYD 323578	30.20 0.23 0.00	27.68 0.37 0.00	26.68 0.36 0.00	24.29 0.16 0.00	21.68 0.00 0.00	25.99 0.19 0.00	27.51 0.25 0.00	24.01 0.07 0.00	24.26 0.19 0.00	26.39 0.28 0.00	30.12 0.27 0.00	33.77 0.12 0.00	28.86 -0.07 0.00	32.95 -0.03 0.00	31.32 0.14 0.00	35.72 0.15 0.00	40.96 0.38 0.00	42.28 0.48 0.00	39.13 0.50 0.00	34.27 0.45 0.00	29.28 0.37 0.00	26.59 0.14 0.00	26.40 0.14 0.00	25.88 0.11 0.00
CHAUTAUQUA___LFGE 323629	28.04 -1.92 0.00	25.51 -1.80 0.00	24.49 -1.75 0.09	16.78 -1.54 5.82	20.25 -1.36 0.08	22.75 -1.35 1.71	25.79 -1.47 0.00	20.78 -1.38 1.79	22.73 -1.29 0.05	25.04 -1.08 0.00	28.57 -1.29 0.00	32.42 -1.22 0.00	27.91 -1.03 0.00	31.49 -1.50 0.00	28.07 -1.85 1.27	33.47 -2.09 0.00	38.19 -2.39 0.00	38.14 -2.29 1.37	36.46 -2.16 0.00	31.96 -1.86 0.00	27.45 -1.46 0.00	25.44 -1.00 0.00	25.20 -1.07 0.00	24.86 -0.92 0.00
CHERRYST_13_KV_LD 356241	31.69 1.73 0.00	28.77 1.45 0.00	27.55 1.23 0.00	25.27 1.14 0.00	22.75 1.07 0.00	26.88 1.07 0.00	28.46 1.20 0.00	25.29 1.35 0.00	25.55 1.47 0.00	27.71 1.60 0.00	31.84 1.99 0.00	35.96 2.31 0.00	31.18 2.25 0.00	35.47 2.48 0.00	33.68 2.50 0.00	38.25 2.68 0.00	43.44 2.86 0.00	44.68 2.87 0.00	41.31 2.69 0.00	36.22 2.39 0.00	30.72 1.81 0.00	28.17 1.72 0.00	28.00 1.74 0.00	27.43 1.65 0.00



CHESTROR_138KV_BK263 355645	31.05 1.08 0.00	28.21 0.89 0.00	27.07 0.74 0.00	24.83 0.70 0.00	22.34 0.65 0.00	26.43 0.63 0.00	27.97 0.72 0.00	24.81 0.86 0.00	25.03 0.95 0.00	27.13 1.02 0.00	31.12 1.26 0.00	35.14 1.49 0.00	30.41 1.48 0.00	34.57 1.58 0.00	32.80 1.62 0.00	37.30 1.73 0.00	42.53 1.95 0.00	43.81 2.00 0.00	40.46 1.84 0.00	35.44 1.62 0.00	30.16 1.25 0.00	27.62 1.17 0.00	27.44 1.18 0.00	26.88 1.10 0.00
CH_MIDHUDSON___DRP 24192	31.27 1.30 0.00	28.42 1.11 0.00	27.27 0.94 0.00	25.01 0.88 0.00	22.52 0.83 0.00	26.62 0.82 0.00	28.17 0.91 0.00	24.99 1.05 0.00	25.23 1.16 0.00	27.34 1.23 0.00	31.38 1.52 0.00	35.42 1.78 0.00	30.65 1.72 0.00	34.84 1.85 0.00	33.07 1.88 0.00	37.56 2.00 0.00	42.75 2.17 0.00	44.06 2.25 0.00	40.71 2.09 0.00	35.67 1.86 0.00	30.36 1.45 0.00	27.81 1.36 0.00	27.63 1.37 0.00	27.06 1.28 0.00
CH_MISC_IPPS 23765	31.46 1.50 0.00	28.57 1.25 0.00	27.41 1.08 0.00	25.14 1.01 0.00	22.62 0.94 0.00	26.76 0.95 0.00	28.32 1.06 0.00	25.12 1.18 0.00	25.37 1.29 0.00	27.51 1.40 0.00	31.56 1.71 0.00	35.67 2.02 0.00	30.86 1.93 0.00	35.09 2.10 0.00	33.30 2.13 0.00	37.86 2.29 0.00	43.12 2.53 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.97 2.15 0.00	30.59 1.68 0.00	28.01 1.56 0.00	27.82 1.55 0.00	27.23 1.46 0.00
CH_RES_BVR_FALLS 23983	29.43 -0.54 0.00	26.90 -0.41 0.00	25.89 -0.44 0.00	23.63 -0.50 0.00	21.22 -0.46 0.00	25.49 -0.32 0.00	26.81 -0.45 0.00	23.38 -0.57 0.00	23.52 -0.55 0.00	25.76 -0.35 0.00	29.28 -0.57 0.00	32.92 -0.73 0.00	28.32 -0.62 0.00	32.45 -0.54 0.00	30.74 -0.43 0.00	35.13 -0.43 0.00	40.13 -0.46 0.00	41.46 -0.35 0.00	38.08 -0.54 0.00	33.21 -0.61 0.00	28.43 -0.48 0.00	26.00 -0.45 0.00	25.82 -0.44 0.00	25.50 -0.27 0.00
CH_RES_NIAGARA 23895	27.28 -2.69 0.00	25.02 -2.29 0.00	24.08 -2.17 0.07	17.63 -1.91 4.59	19.69 -1.93 0.06	22.46 -1.99 1.35	25.00 -2.25 0.00	20.32 -2.20 1.43	21.92 -2.11 0.04	24.17 -1.94 0.00	27.55 -2.31 0.00	31.24 -2.40 0.00	26.81 -2.12 0.00	30.08 -2.91 0.00	27.06 -3.12 1.00	31.84 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.58 -3.24 0.00	26.37 -2.54 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.88 0.00
CH_RES_SYRACUSE 23985	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.76 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.91 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00
CLINTON_WT_PWR 323605	30.13 0.17 0.00	27.63 0.32 0.00	26.63 0.31 0.00	24.25 0.12 0.00	21.64 -0.04 0.00	25.95 0.15 0.00	27.45 0.20 0.00	23.98 0.04 0.00	24.25 0.18 0.00	26.34 0.23 0.00	30.07 0.21 0.00	33.76 0.11 0.00	28.87 -0.07 0.00	32.94 -0.04 0.00	31.33 0.15 0.00	35.72 0.15 0.00	40.99 0.41 0.00	42.29 0.48 0.00	39.07 0.45 0.00	34.17 0.35 0.00	29.19 0.28 0.00	26.49 0.04 0.00	26.32 0.06 0.00	25.81 0.04 0.00
CLINTON___LFGE 323618	30.81 0.84 0.00	28.35 1.03 0.00	27.33 1.01 0.00	24.94 0.81 0.00	22.33 0.64 0.00	26.64 0.84 0.00	28.15 0.90 0.00	24.75 0.81 0.00	25.08 1.01 0.00	27.14 1.03 0.00	30.95 1.09 0.00	34.82 1.18 0.00	29.78 0.85 0.00	33.91 0.92 0.00	32.19 1.00 0.00	36.67 1.10 0.00	42.07 1.49 0.00	43.52 1.71 0.00	40.26 1.64 0.00	35.29 1.47 0.00	30.17 1.26 0.00	27.41 0.96 0.00	27.23 0.96 0.00	26.71 0.93 0.00
COBBLENY_34_KV_TB1 80064	28.19 -1.77 0.00	25.80 -1.51 0.00	24.77 -1.47 0.09	16.99 -1.34 5.81	20.26 -1.35 0.08	22.77 -1.33 1.70	25.77 -1.48 0.00	20.71 -1.44 1.79	22.71 -1.31 0.05	25.03 -1.08 0.00	28.56 -1.30 0.00	32.44 -1.21 0.00	27.86 -1.07 0.00	31.38 -1.60 0.00	28.08 -1.84 1.26	33.41 -2.15 0.00	38.18 -2.40 0.00	38.25 -2.19 1.37	36.61 -2.02 0.00	32.03 -1.79 0.00	27.57 -1.34 0.00	25.49 -0.96 0.00	25.13 -1.14 0.00	24.85 -0.92 0.00
COFFEEN___115KV_TB3 355620	29.42 -0.55 0.00	26.72 -0.59 0.00	25.76 -0.56 0.00	23.57 -0.56 0.00	21.19 -0.50 0.00	25.46 -0.34 0.00	26.78 -0.47 0.00	23.54 -0.41 0.00	23.86 -0.22 0.00	25.96 -0.15 0.00	29.36 -0.49 0.00	33.28 -0.36 0.00	28.29 -0.64 0.00	32.47 -0.51 0.00	30.98 -0.20 0.00	35.48 -0.09 0.00	41.36 0.78 0.00	43.35 1.54 0.00	39.18 0.56 0.00	34.33 0.50 0.00	29.46 0.55 0.00	26.90 0.45 0.00	26.56 0.29 0.00	26.10 0.32 0.00
COLDSPRG_115KV_BK1 355956	28.70 -1.26 0.00	26.15 -1.17 0.00	25.02 -1.21 0.10	16.44 -1.00 6.69	20.67 -0.93 0.09	23.03 -0.82 1.96	26.35 -0.91 0.00	21.04 -0.85 2.06	23.28 -0.74 0.06	25.65 -0.46 0.00	29.25 -0.60 0.00	33.15 -0.49 0.00	28.55 -0.38 0.00	32.25 -0.73 0.00	28.58 -1.15 1.46	34.32 -1.25 0.00	39.13 -1.45 0.00	38.95 -1.28 1.58	37.34 -1.28 0.00	32.80 -1.02 0.00	28.15 -0.76 0.00	26.11 -0.34 0.00	25.83 -0.43 0.00	25.46 -0.32 0.00
COLONIE_LFGE___ 323577	30.89 0.93 0.00	28.12 0.81 0.00	27.04 0.72 0.00	24.86 0.73 0.00	22.42 0.74 0.00	26.54 0.74 0.00	28.02 0.76 0.00	24.79 0.84 0.00	24.97 0.90 0.00	26.98 0.87 0.00	30.85 1.00 0.00	34.78 1.13 0.00	29.93 0.99 0.00	34.01 1.02 0.00	32.19 1.02 0.00	36.58 1.01 0.00	41.67 1.09 0.00	43.00 1.19 0.00	39.70 1.08 0.00	34.82 1.00 0.00	29.85 0.93 0.00	27.30 0.85 0.00	27.14 0.88 0.00	26.60 0.82 0.00
COOPERNY_115KV_TB1 80082	30.79 0.83 0.00	27.99 0.67 0.00	26.90 0.58 0.00	24.66 0.53 0.00	22.18 0.50 0.00	26.27 0.47 0.00	27.79 0.53 0.00	24.59 0.64 0.00	24.79 0.72 0.00	26.88 0.77 0.00	30.82 0.96 0.00	34.80 1.15 0.00	30.09 1.16 0.00	34.21 1.23 0.00	32.44 1.26 0.00	36.90 1.33 0.00	42.10 1.52 0.00	43.37 1.56 0.00	40.06 1.44 0.00	35.08 1.25 0.00	29.88 0.97 0.00	27.35 0.90 0.00	27.17 0.90 0.00	26.62 0.85 0.00
COPENHAGEN_WT_PWR 323753	28.93 -1.04 0.00	26.30 -1.01 0.00	25.39 -0.93 0.00	23.23 -0.91 0.00	20.89 -0.79 0.00	25.17 -0.63 0.00	26.42 -0.83 0.00	23.22 -0.73 0.00	23.56 -0.52 0.00	25.70 -0.41 0.00	29.05 -0.81 0.00	32.92 -0.73 0.00	27.94 -0.99 0.00	32.05 -0.94 0.00	30.57 -0.61 0.00	35.05 -0.52 0.00	40.79 0.21 0.00	42.73 0.92 0.00	38.64 0.02 0.00	33.81 -0.01 0.00	29.00 0.09 0.00	26.48 0.03 0.00	26.18 -0.08 0.00	25.81 0.04 0.00
CORNELL_____ 23752	30.24 0.26 -0.01	27.51 0.19 0.00	26.82 0.20 -0.29	43.39 0.17 -19.08	22.10 0.16 -0.25	31.60 0.20 -5.60	27.48 0.23 0.00	30.06 0.32 -5.80	24.55 0.31 -0.18	26.46 0.35 0.00	30.28 0.42 0.00	34.17 0.52 0.00	29.40 0.47 0.00	33.41 0.42 0.00	35.75 0.40 -4.17	35.96 0.40 0.00	41.16 0.58 0.00	47.09 0.76 -4.52	39.47 0.85 0.00	34.60 0.79 0.00	29.63 0.72 0.00	27.07 0.63 0.00	26.77 0.51 0.00	26.26 0.49 0.00



CORONA__69_KV_TB1 355595	31.98 2.01 0.00	28.99 1.68 0.00	27.78 1.45 0.00	25.44 1.31 0.00	22.87 1.19 0.00	27.00 1.20 0.00	28.64 1.39 0.00	25.44 1.50 0.00	25.68 1.60 0.00	27.88 1.77 0.00	34.04 2.27 -1.91	36.42 2.48 -0.29	34.87 2.53 -3.41	35.90 2.69 -0.23	34.26 2.69 -0.39	38.22 2.65 0.00	43.50 2.92 0.00	44.81 3.00 0.00	41.36 2.74 0.00	36.27 2.45 0.00	30.82 1.91 0.00	28.35 1.90 0.00	28.59 2.03 -0.29	27.71 1.94 0.00
CORTLAND__115KV_TB3 80093	30.11 0.14 0.00	27.41 0.09 0.00	26.50 0.10 -0.08	29.40 0.10 -5.17	21.85 0.10 -0.07	27.42 0.10 -1.52	27.37 0.11 0.00	25.72 0.20 -1.58	24.29 0.18 -0.05	26.31 0.20 0.00	30.12 0.27 0.00	34.02 0.38 0.00	29.26 0.32 0.00	33.26 0.28 0.00	32.61 0.30 -1.13	35.86 0.29 0.00	40.95 0.37 0.00	43.55 0.51 -1.23	39.20 0.58 0.00	34.34 0.52 0.00	29.37 0.45 0.00	26.84 0.39 0.00	26.59 0.32 0.00	26.07 0.30 0.00
COXSACKIE__GT 23611	31.70 1.74 0.00	28.85 1.54 0.00	27.77 1.44 0.00	25.50 1.37 0.00	22.97 1.29 0.00	27.23 1.42 0.00	28.75 1.49 0.00	25.51 1.56 0.00	25.73 1.65 0.00	27.85 1.74 0.00	31.72 1.87 0.00	35.89 2.25 0.00	30.72 1.78 0.00	34.93 1.94 0.00	33.09 1.91 0.00	37.64 2.07 0.00	43.29 2.70 0.00	44.53 2.72 0.00	41.16 2.54 0.00	36.18 2.36 0.00	30.99 2.08 0.00	28.26 1.81 0.00	27.97 1.71 0.00	27.29 1.51 0.00
CPV_VALLEY__CC1 323721	30.83 0.86 0.00	28.02 0.70 0.00	26.90 0.58 0.00	24.68 0.54 0.00	22.20 0.52 0.00	26.27 0.47 0.00	27.80 0.55 0.00	24.64 0.69 0.00	24.84 0.77 0.00	26.93 0.82 0.00	30.88 1.02 0.00	34.87 1.23 0.00	30.18 1.25 0.00	34.31 1.33 0.00	32.55 1.37 0.00	37.00 1.43 0.00	42.17 1.59 0.00	43.43 1.62 0.00	40.12 1.49 0.00	35.15 1.33 0.00	29.92 1.02 0.00	27.40 0.95 0.00	27.23 0.97 0.00	26.68 0.91 0.00
CPV_VALLEY__CC2 323722	30.83 0.86 0.00	28.02 0.70 0.00	26.90 0.58 0.00	24.68 0.54 0.00	22.20 0.52 0.00	26.27 0.47 0.00	27.80 0.55 0.00	24.64 0.69 0.00	24.84 0.77 0.00	26.93 0.82 0.00	30.88 1.02 0.00	34.87 1.23 0.00	30.18 1.25 0.00	34.31 1.33 0.00	32.55 1.37 0.00	37.00 1.43 0.00	42.17 1.59 0.00	43.43 1.62 0.00	40.12 1.49 0.00	35.15 1.33 0.00	29.92 1.02 0.00	27.40 0.95 0.00	27.23 0.97 0.00	26.68 0.91 0.00
CRESCENT__HYD 24018	30.89 0.93 0.00	28.12 0.81 0.00	27.04 0.72 0.00	24.86 0.73 0.00	22.42 0.74 0.00	26.54 0.74 0.00	28.02 0.76 0.00	24.79 0.84 0.00	24.97 0.90 0.00	26.98 0.87 0.00	30.85 1.00 0.00	34.78 1.13 0.00	29.93 0.99 0.00	34.01 1.02 0.00	32.19 1.02 0.00	36.58 1.01 0.00	41.67 1.09 0.00	43.00 1.19 0.00	39.70 1.08 0.00	34.82 1.00 0.00	29.85 0.93 0.00	27.30 0.85 0.00	27.14 0.88 0.00	26.60 0.82 0.00
CRICKET__VALLEY_CC1 323756	30.94 0.97 0.00	28.14 0.82 0.00	27.01 0.68 0.00	24.79 0.66 0.00	22.33 0.65 0.00	26.38 0.58 0.00	27.90 0.65 0.00	24.75 0.80 0.00	24.99 0.92 0.00	27.05 0.94 0.00	31.00 1.15 0.00	34.99 1.34 0.00	30.25 1.32 0.00	34.36 1.37 0.00	32.60 1.42 0.00	36.96 1.39 0.00	42.06 1.47 0.00	43.36 1.55 0.00	40.04 1.42 0.00	35.12 1.29 0.00	29.95 1.04 0.00	27.43 0.99 0.00	27.29 1.02 0.00	26.74 0.97 0.00
CRICKET__VALLEY_CC2 323757	30.94 0.97 0.00	28.14 0.82 0.00	27.01 0.68 0.00	24.79 0.66 0.00	22.33 0.65 0.00	26.38 0.58 0.00	27.90 0.65 0.00	24.75 0.80 0.00	24.99 0.92 0.00	27.05 0.94 0.00	31.00 1.15 0.00	34.99 1.34 0.00	30.25 1.32 0.00	34.36 1.37 0.00	32.60 1.42 0.00	36.96 1.39 0.00	42.06 1.47 0.00	43.36 1.55 0.00	40.04 1.42 0.00	35.12 1.29 0.00	29.95 1.04 0.00	27.43 0.99 0.00	27.29 1.02 0.00	26.74 0.97 0.00
CRICKET__VALLEY_CC3 323758	30.94 0.97 0.00	28.14 0.82 0.00	27.01 0.68 0.00	24.79 0.66 0.00	22.33 0.65 0.00	26.38 0.58 0.00	27.90 0.65 0.00	24.75 0.80 0.00	24.99 0.92 0.00	27.05 0.94 0.00	31.00 1.15 0.00	34.99 1.34 0.00	30.25 1.32 0.00	34.36 1.37 0.00	32.60 1.42 0.00	36.96 1.39 0.00	42.06 1.47 0.00	43.36 1.55 0.00	40.04 1.42 0.00	35.12 1.29 0.00	29.95 1.04 0.00	27.43 0.99 0.00	27.29 1.02 0.00	26.74 0.97 0.00
CRUCIBLE_METL_DRP 24180	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.75 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00
DAHOWA__HYDRO 323763	31.77 1.80 0.00	28.89 1.57 0.00	27.73 1.41 0.00	25.48 1.35 0.00	23.00 1.31 0.00	27.25 1.45 0.00	28.77 1.52 0.00	25.46 1.52 0.00	25.73 1.66 0.00	27.83 1.72 0.00	31.73 1.87 0.00	35.74 2.09 0.00	30.71 1.77 0.00	34.80 1.81 0.00	32.94 1.76 0.00	37.49 1.92 0.00	42.83 2.25 0.00	44.25 2.44 0.00	40.98 2.36 0.00	35.95 2.13 0.00	30.84 1.92 0.00	28.17 1.72 0.00	27.92 1.65 0.00	27.32 1.54 0.00
DANC__LFGE 323619	29.13 -0.83 0.00	26.51 -0.80 0.00	25.58 -0.74 0.00	23.43 -0.70 0.00	21.06 -0.62 0.00	25.25 -0.56 0.00	26.57 -0.69 0.00	23.36 -0.59 0.00	23.60 -0.47 0.00	25.67 -0.44 0.00	29.15 -0.71 0.00	32.98 -0.66 0.00	28.15 -0.79 0.00	32.22 -0.77 0.00	30.60 -0.59 0.00	35.00 -0.57 0.00	40.46 -0.11 0.00	42.16 0.35 0.00	38.43 -0.20 0.00	33.64 -0.18 0.00	28.84 -0.06 0.00	26.36 -0.09 0.00	26.08 -0.19 0.00	25.66 -0.12 0.00
DANSKAMMER__1 23586	31.46 1.50 0.00	28.57 1.25 0.00	27.41 1.08 0.00	25.14 1.01 0.00	22.62 0.94 0.00	26.76 0.95 0.00	28.32 1.06 0.00	25.12 1.18 0.00	25.37 1.29 0.00	27.51 1.40 0.00	31.56 1.71 0.00	35.67 2.02 0.00	30.86 1.93 0.00	35.09 2.10 0.00	33.30 2.13 0.00	37.86 2.29 0.00	43.12 2.53 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.97 2.15 0.00	30.59 1.68 0.00	28.01 1.56 0.00	27.82 1.55 0.00	27.23 1.46 0.00
DANSKAMMER__2 23589	31.46 1.50 0.00	28.57 1.25 0.00	27.41 1.08 0.00	25.14 1.01 0.00	22.62 0.94 0.00	26.76 0.95 0.00	28.32 1.06 0.00	25.12 1.18 0.00	25.37 1.29 0.00	27.51 1.40 0.00	31.56 1.71 0.00	35.67 2.02 0.00	30.86 1.93 0.00	35.09 2.10 0.00	33.30 2.13 0.00	37.86 2.29 0.00	43.12 2.53 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.97 2.15 0.00	30.59 1.68 0.00	28.01 1.56 0.00	27.82 1.55 0.00	27.23 1.46 0.00
DANSKAMMER__3 23590	31.46 1.50 0.00	28.57 1.25 0.00	27.41 1.08 0.00	25.14 1.01 0.00	22.62 0.94 0.00	26.76 0.95 0.00	28.32 1.06 0.00	25.12 1.18 0.00	25.37 1.29 0.00	27.51 1.40 0.00	31.56 1.71 0.00	35.67 2.02 0.00	30.86 1.93 0.00	35.09 2.10 0.00	33.30 2.13 0.00	37.86 2.29 0.00	43.12 2.53 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.97 2.15 0.00	30.59 1.68 0.00	28.01 1.56 0.00	27.82 1.55 0.00	27.23 1.46 0.00



DANSKAMMER___4 23591	31.46 1.50 0.00	28.57 1.25 0.00	27.41 1.08 0.00	25.14 1.01 0.00	22.62 0.94 0.00	26.76 0.95 0.00	28.32 1.06 0.00	25.12 1.18 0.00	25.37 1.29 0.00	27.51 1.40 0.00	31.56 1.71 0.00	35.67 2.02 0.00	30.86 1.93 0.00	35.09 2.10 0.00	33.30 2.13 0.00	37.86 2.29 0.00	43.12 2.53 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.97 2.15 0.00	30.59 1.68 0.00	28.01 1.56 0.00	27.82 1.55 0.00	27.23 1.46 0.00
DANSKAMMER___DIESEL 23592	31.46 1.49 0.00	28.57 1.25 0.00	27.41 1.08 0.00	25.14 1.01 0.00	22.62 0.94 0.00	26.76 0.96 0.00	28.32 1.06 0.00	25.12 1.18 0.00	25.37 1.29 0.00	27.51 1.40 0.00	31.57 1.72 0.00	35.67 2.02 0.00	30.86 1.93 0.00	35.08 2.10 0.00	33.31 2.13 0.00	37.86 2.29 0.00	43.11 2.53 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.97 2.15 0.00	30.59 1.68 0.00	28.01 1.56 0.00	27.82 1.56 0.00	27.24 1.46 0.00
DARBY___SOLAR 323810	31.62 1.65 0.00	28.76 1.44 0.00	27.62 1.30 0.00	25.37 1.23 0.00	22.89 1.21 0.00	27.13 1.33 0.00	28.65 1.39 0.00	25.34 1.39 0.00	25.59 1.52 0.00	27.68 1.57 0.00	31.56 1.70 0.00	35.55 1.91 0.00	30.54 1.61 0.00	34.65 1.66 0.00	32.80 1.62 0.00	37.32 1.75 0.00	42.63 2.05 0.00	44.04 2.23 0.00	40.76 2.14 0.00	35.76 1.93 0.00	30.66 1.75 0.00	28.02 1.57 0.00	27.79 1.52 0.00	27.19 1.42 0.00
DASHVILLE___HYD 23610	31.03 1.07 0.00	28.18 0.87 0.00	27.04 0.72 0.00	24.80 0.67 0.00	22.31 0.63 0.00	26.38 0.58 0.00	27.92 0.66 0.00	24.77 0.82 0.00	25.02 0.95 0.00	27.14 1.03 0.00	31.15 1.30 0.00	35.19 1.54 0.00	30.51 1.58 0.00	34.67 1.68 0.00	32.90 1.72 0.00	37.38 1.81 0.00	42.55 1.97 0.00	43.85 2.04 0.00	40.50 1.88 0.00	35.47 1.65 0.00	30.15 1.24 0.00	27.61 1.17 0.00	27.44 1.18 0.00	26.86 1.08 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	32.53 2.56 0.00	29.44 2.12 0.00	28.23 1.90 0.00	25.84 1.70 0.00	23.19 1.51 0.00	27.39 1.59 0.00	29.24 1.99 0.00	25.96 2.01 0.00	26.23 2.15 0.00	28.64 2.53 0.00	34.94 3.18 -1.91	37.48 3.54 -0.29	35.87 3.52 -3.41	36.85 3.64 -0.23	35.04 3.47 -0.39	38.89 3.32 0.00	44.23 3.65 0.00	45.53 3.72 0.00	42.04 3.41 0.00	36.95 3.13 0.00	31.32 2.41 0.00	28.68 2.24 0.00	28.96 2.40 -0.29	27.89 2.11 0.00
DELAWARE___LFGE 323621	30.59 0.62 0.00	27.81 0.50 0.00	26.85 0.52 0.00	24.60 0.47 0.00	22.10 0.42 0.00	26.27 0.46 0.00	27.75 0.50 0.00	24.50 0.55 0.00	24.65 0.57 0.00	26.74 0.63 0.00	30.61 0.76 0.00	34.56 0.91 0.00	29.80 0.87 0.00	33.90 0.91 0.00	32.09 0.91 0.00	36.56 1.00 0.00	41.75 1.17 0.00	43.01 1.20 0.00	39.76 1.14 0.00	34.81 0.99 0.00	29.72 0.81 0.00	27.18 0.73 0.00	26.96 0.69 0.00	26.44 0.66 0.00
DERFIELD_115KV_TB7 355931	30.02 0.05 0.00	27.34 0.03 0.00	26.35 0.03 0.00	24.17 0.04 0.00	21.74 0.06 0.00	25.83 0.03 0.00	27.28 0.03 0.00	24.02 0.07 0.00	24.15 0.07 0.00	26.16 0.05 0.00	29.92 0.06 0.00	33.75 0.10 0.00	29.05 0.12 0.00	33.09 0.11 0.00	31.30 0.12 0.00	35.67 0.11 0.00	40.67 0.09 0.00	41.92 0.11 0.00	38.73 0.11 0.00	33.92 0.10 0.00	29.00 0.09 0.00	26.53 0.08 0.00	26.34 0.08 0.00	25.85 0.07 0.00
DOGLEVILLE___HYD 23807	29.92 -0.05 0.00	27.13 -0.18 0.00	26.09 -0.23 0.00	24.00 -0.14 0.00	21.65 -0.03 0.00	25.57 -0.23 0.00	26.99 -0.27 0.00	23.99 0.04 0.00	24.17 0.10 0.00	26.07 -0.04 0.00	29.74 -0.11 0.00	33.49 -0.16 0.00	28.84 -0.10 0.00	32.71 -0.28 0.00	30.91 -0.27 0.00	35.33 -0.24 0.00	40.49 -0.09 0.00	41.73 -0.08 0.00	38.59 -0.03 0.00	33.94 0.12 0.00	29.01 0.10 0.00	26.51 0.06 0.00	26.37 0.10 0.00	25.79 0.01 0.00
DUNKIRK___115KV_TB_200 55889	28.06 -1.91 0.00	25.53 -1.78 0.00	24.50 -1.74 0.09	16.85 -1.50 5.79	20.23 -1.37 0.08	22.73 -1.37 1.70	25.76 -1.49 0.00	20.77 -1.40 1.78	22.71 -1.31 0.05	25.00 -1.11 0.00	28.51 -1.34 0.00	32.38 -1.27 0.00	27.86 -1.07 0.00	31.47 -1.51 0.00	28.06 -1.87 1.26	33.45 -2.12 0.00	38.16 -2.42 0.00	38.12 -2.33 1.37	36.45 -2.17 0.00	31.94 -1.88 0.00	27.44 -1.47 0.00	25.42 -1.03 0.00	25.15 -1.11 0.00	24.83 -0.94 0.00
DUNKIRK___1 23563	28.06 -1.91 0.00	25.53 -1.78 0.00	24.50 -1.74 0.09	16.85 -1.50 5.79	20.23 -1.37 0.08	22.73 -1.37 1.70	25.76 -1.49 0.00	20.77 -1.40 1.78	22.71 -1.31 0.05	25.00 -1.11 0.00	28.51 -1.34 0.00	32.38 -1.27 0.00	27.86 -1.07 0.00	31.47 -1.51 0.00	28.06 -1.87 1.26	33.45 -2.12 0.00	38.16 -2.42 0.00	38.12 -2.33 1.37	36.45 -2.17 0.00	31.94 -1.88 0.00	27.44 -1.47 0.00	25.42 -1.03 0.00	25.15 -1.11 0.00	24.83 -0.94 0.00
DUNKIRK___2 23564	28.06 -1.91 0.00	25.53 -1.78 0.00	24.50 -1.74 0.09	16.85 -1.50 5.79	20.23 -1.37 0.08	22.73 -1.37 1.70	25.76 -1.49 0.00	20.77 -1.40 1.78	22.71 -1.31 0.05	25.00 -1.11 0.00	28.51 -1.34 0.00	32.38 -1.27 0.00	27.86 -1.07 0.00	31.47 -1.51 0.00	28.06 -1.87 1.26	33.45 -2.12 0.00	38.16 -2.42 0.00	38.12 -2.33 1.37	36.45 -2.17 0.00	31.94 -1.88 0.00	27.44 -1.47 0.00	25.42 -1.03 0.00	25.15 -1.11 0.00	24.83 -0.94 0.00
DUNKIRK___3 23565	28.05 -1.91 0.00	25.57 -1.74 0.00	24.54 -1.70 0.09	17.00 -1.49 5.64	20.22 -1.39 0.07	22.75 -1.40 1.66	25.72 -1.54 0.00	20.76 -1.44 1.74	22.66 -1.36 0.05	24.94 -1.17 0.00	28.44 -1.41 0.00	32.30 -1.35 0.00	27.78 -1.15 0.00	31.37 -1.62 0.00	28.03 -1.92 1.23	33.36 -2.21 0.00	38.08 -2.51 0.00	38.08 -2.40 1.33	36.41 -2.22 0.00	31.88 -1.94 0.00	27.41 -1.50 0.00	25.36 -1.09 0.00	25.09 -1.18 0.00	24.77 -1.00 0.00
DUNKIRK___4 23566	28.05 -1.91 0.00	25.57 -1.74 0.00	24.54 -1.70 0.09	17.00 -1.49 5.64	20.22 -1.39 0.07	22.75 -1.40 1.66	25.72 -1.54 0.00	20.76 -1.44 1.74	22.66 -1.36 0.05	24.94 -1.17 0.00	28.44 -1.41 0.00	32.30 -1.35 0.00	27.78 -1.15 0.00	31.37 -1.62 0.00	28.03 -1.92 1.23	33.36 -2.21 0.00	38.08 -2.51 0.00	38.08 -2.40 1.33	36.41 -2.22 0.00	31.88 -1.94 0.00	27.41 -1.50 0.00	25.36 -1.09 0.00	25.09 -1.18 0.00	24.77 -1.00 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.47 1.50 0.00	28.58 1.26 0.00	27.38 1.06 0.00	25.12 0.99 0.00	22.61 0.93 0.00	26.72 0.91 0.00	28.29 1.03 0.00	25.12 1.18 0.00	25.36 1.28 0.00	27.50 1.39 0.00	31.60 1.75 0.00	35.68 2.03 0.00	30.93 2.00 0.00	35.16 2.18 0.00	33.37 2.20 0.00	37.88 2.32 0.00	43.09 2.51 0.00	44.35 2.54 0.00	40.98 2.36 0.00	35.93 2.11 0.00	30.53 1.62 0.00	27.99 1.54 0.00	27.81 1.55 0.00	27.25 1.47 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.23 1.26 0.00	28.37 1.05 0.00	27.22 0.89 0.00	24.96 0.82 0.00	22.46 0.78 0.00	26.57 0.76 0.00	28.12 0.86 0.00	24.94 0.99 0.00	25.17 1.10 0.00	27.29 1.18 0.00	31.32 1.47 0.00	35.37 1.73 0.00	30.63 1.70 0.00	34.80 1.81 0.00	33.04 1.86 0.00	37.55 1.98 0.00	42.82 2.24 0.00	44.10 2.29 0.00	40.75 2.13 0.00	35.69 1.87 0.00	30.36 1.45 0.00	27.80 1.36 0.00	27.62 1.35 0.00	27.04 1.26 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	31.56 1.60 0.00	28.67 1.35 0.00	27.47 1.15 0.00	25.22 1.09 0.00	22.69 1.01 0.00	26.79 0.98 0.00	28.39 1.14 0.00	25.21 1.26 0.00	25.47 1.39 0.00	27.58 1.47 0.00	31.68 1.82 0.00	35.75 2.11 0.00	30.99 2.05 0.00	35.23 2.25 0.00	33.45 2.27 0.00	37.94 2.37 0.00	43.08 2.50 0.00	44.35 2.54 0.00	41.04 2.41 0.00	36.00 2.18 0.00	30.59 1.68 0.00	28.07 1.62 0.00	27.92 1.66 0.00	27.30 1.52 0.00
E179THST_13_KV_LOAD 356214	31.73 1.77 0.00	28.81 1.50 0.00	27.62 1.29 0.00	25.35 1.22 0.00	22.80 1.12 0.00	26.91 1.11 0.00	28.53 1.27 0.00	25.33 1.38 0.00	25.59 1.52 0.00	27.73 1.62 0.00	31.84 1.99 0.00	35.95 2.30 0.00	31.16 2.23 0.00	35.43 2.44 0.00	33.64 2.46 0.00	38.15 2.58 0.00	43.33 2.75 0.00	44.61 2.80 0.00	41.28 2.65 0.00	36.20 2.39 0.00	30.75 1.84 0.00	28.22 1.78 0.00	28.07 1.81 0.00	27.45 1.67 0.00
EAST HAMPTON___GT 23717	33.03 3.07 0.00	29.88 2.57 0.00	28.66 2.33 0.00	26.27 2.13 0.00	23.57 1.89 0.00	27.84 2.04 0.00	29.71 2.46 0.00	26.39 2.44 0.00	26.67 2.60 0.00	29.18 3.07 0.00	35.56 3.79 -1.91	38.23 4.29 -0.29	36.50 4.15 -3.41	37.48 4.27 -0.23	35.49 3.92 -0.39	39.34 3.77 0.00	44.81 4.23 0.00	46.14 4.33 0.00	42.58 3.95 0.00	37.47 3.65 0.00	31.76 2.85 0.00	29.02 2.57 0.00	29.31 2.75 -0.29	28.05 2.27 0.00
EAST RIVER___6 23660	31.66 1.69 0.00	28.74 1.43 0.00	27.52 1.19 0.00	25.25 1.11 0.00	22.72 1.04 0.00	26.83 1.03 0.00	28.40 1.14 0.00	25.24 1.30 0.00	25.49 1.42 0.00	27.66 1.55 0.00	31.76 1.90 0.00	35.85 2.20 0.00	31.11 2.18 0.00	35.40 2.42 0.00	33.61 2.43 0.00	38.15 2.58 0.00	43.31 2.73 0.00	44.58 2.77 0.00	41.23 2.60 0.00	36.12 2.30 0.00	30.62 1.71 0.00	28.09 1.64 0.00	27.92 1.65 0.00	27.36 1.58 0.00
EAST RIVER___7 23524	31.66 1.69 0.00	28.74 1.43 0.00	27.52 1.19 0.00	25.25 1.11 0.00	22.72 1.04 0.00	26.83 1.03 0.00	28.40 1.14 0.00	25.24 1.30 0.00	25.49 1.42 0.00	27.66 1.55 0.00	31.76 1.90 0.00	35.85 2.20 0.00	31.11 2.18 0.00	35.40 2.42 0.00	33.61 2.43 0.00	38.15 2.58 0.00	43.31 2.73 0.00	44.58 2.77 0.00	41.23 2.60 0.00	36.12 2.30 0.00	30.62 1.71 0.00	28.09 1.64 0.00	27.92 1.65 0.00	27.36 1.58 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.39 1.43 0.00	28.51 1.19 0.00	27.33 1.01 0.00	25.07 0.94 0.00	22.56 0.88 0.00	26.67 0.86 0.00	28.23 0.98 0.00	25.07 1.12 0.00	25.31 1.23 0.00	27.43 1.32 0.00	31.52 1.66 0.00	35.58 1.93 0.00	30.84 1.91 0.00	35.06 2.08 0.00	33.28 2.10 0.00	37.77 2.21 0.00	42.98 2.40 0.00	44.24 2.43 0.00	40.89 2.27 0.00	35.83 2.01 0.00	30.45 1.55 0.00	27.91 1.47 0.00	27.76 1.49 0.00	27.18 1.40 0.00
EAST_HAMPTON___DIESEL 23722	33.03 3.07 0.00	29.89 2.57 0.00	28.66 2.34 0.00	26.27 2.14 0.00	23.58 1.89 0.00	27.85 2.05 0.00	29.72 2.46 0.00	26.40 2.45 0.00	26.68 2.61 0.00	29.20 3.09 0.00	35.57 3.81 -1.91	38.25 4.31 -0.29	36.51 4.16 -3.41	37.49 4.28 -0.23	35.49 3.92 -0.39	39.33 3.76 0.00	44.81 4.23 0.00	46.14 4.33 0.00	42.58 3.95 0.00	37.47 3.65 0.00	31.75 2.84 0.00	29.00 2.56 0.00	29.29 2.73 -0.29	28.02 2.24 0.00
EAST_POINT___SOLAR 323840	31.83 1.86 0.00	29.01 1.69 0.00	27.95 1.63 0.00	25.59 1.45 0.00	22.92 1.24 0.00	27.33 1.53 0.00	28.89 1.64 0.00	25.31 1.36 0.00	25.37 1.30 0.00	27.48 1.37 0.00	31.09 1.24 0.00	34.80 1.16 0.00	29.91 0.98 0.00	34.27 1.29 0.00	32.47 1.29 0.00	37.31 1.74 0.00	42.83 2.25 0.00	44.48 2.67 0.00	41.31 2.69 0.00	36.23 2.41 0.00	31.02 2.11 0.00	28.33 1.89 0.00	28.07 1.80 0.00	27.46 1.69 0.00
EAST_PULASKI___ESR 323781	29.38 -0.59 0.00	26.75 -0.56 0.00	25.82 -0.50 0.00	23.67 -0.46 0.00	21.27 -0.41 0.00	25.37 -0.43 0.00	26.77 -0.49 0.00	23.55 -0.40 0.00	23.69 -0.38 0.00	25.69 -0.42 0.00	29.28 -0.57 0.00	33.10 -0.55 0.00	28.39 -0.55 0.00	32.42 -0.57 0.00	30.67 -0.51 0.00	35.03 -0.54 0.00	40.24 -0.34 0.00	41.68 -0.13 0.00	38.29 -0.34 0.00	33.54 -0.28 0.00	28.74 -0.17 0.00	26.26 -0.18 0.00	26.01 -0.26 0.00	25.53 -0.25 0.00
EAST_RIVER___1 323558	31.60 1.64 0.00	28.69 1.38 0.00	27.48 1.15 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.81 1.00 0.00	28.38 1.13 0.00	25.22 1.27 0.00	25.47 1.39 0.00	27.62 1.51 0.00	31.74 1.89 0.00	35.84 2.19 0.00	31.08 2.15 0.00	35.36 2.37 0.00	33.56 2.38 0.00	38.11 2.54 0.00	43.29 2.71 0.00	44.52 2.71 0.00	41.18 2.56 0.00	36.09 2.27 0.00	30.63 1.72 0.00	28.08 1.64 0.00	27.92 1.66 0.00	27.35 1.57 0.00
EAST_RIVER___2 323559	31.66 1.69 0.00	28.74 1.43 0.00	27.52 1.19 0.00	25.25 1.11 0.00	22.72 1.04 0.00	26.83 1.03 0.00	28.40 1.14 0.00	25.24 1.30 0.00	25.49 1.42 0.00	27.66 1.55 0.00	31.76 1.90 0.00	35.85 2.20 0.00	31.11 2.18 0.00	35.40 2.42 0.00	33.61 2.43 0.00	38.15 2.58 0.00	43.31 2.73 0.00	44.58 2.77 0.00	41.23 2.60 0.00	36.12 2.30 0.00	30.62 1.71 0.00	28.09 1.64 0.00	27.92 1.65 0.00	27.36 1.58 0.00
EAST___DELAWARE_HYD 23607	30.07 0.11 0.00	27.28 -0.04 0.00	26.17 -0.15 0.00	23.98 -0.15 0.00	21.56 -0.12 0.00	25.51 -0.29 0.00	27.00 -0.26 0.00	23.95 0.00 0.00	24.19 0.12 0.00	26.27 0.16 0.00	30.16 0.31 0.00	34.08 0.43 0.00	29.51 0.58 0.00	33.54 0.55 0.00	31.83 0.65 0.00	36.22 0.65 0.00	41.36 0.78 0.00	42.65 0.84 0.00	39.39 0.77 0.00	34.48 0.65 0.00	29.31 0.40 0.00	26.80 0.36 0.00	26.60 0.34 0.00	26.02 0.24 0.00
EIGHT_POINT___WT_PWR 323820	27.96 -2.00 0.01	26.06 -1.25 0.00	24.54 -1.56 0.22	7.74 -1.75 14.65	20.09 -1.40 0.19	19.71 -1.80 4.30	25.87 -1.39 0.00	18.70 -0.79 4.46	23.20 -0.74 0.13	25.65 -0.45 0.00	29.27 -0.59 0.00	33.15 -0.50 0.00	28.63 -0.31 0.00	32.60 -0.39 0.00	27.08 -0.91 3.20	34.63 -0.93 0.00	39.65 -0.93 0.00	37.40 -0.94 3.47	38.26 -0.37 0.00	33.88 0.06 0.00	28.90 -0.01 0.00	26.61 0.16 0.00	26.13 -0.14 0.00	25.71 -0.07 0.00
ELBRIDGE_115KV_TB2 80188	29.67 -0.30 0.00	27.03 -0.29 0.00	26.08 -0.24 0.00	23.89 -0.24 0.00	21.49 -0.19 0.00	25.57 -0.24 0.00	26.99 -0.27 0.00	23.79 -0.16 0.00	23.87 -0.20 0.00	25.87 -0.24 0.00	29.58 -0.27 0.00	33.39 -0.26 0.00	28.76 -0.18 0.00	32.70 -0.29 0.00	30.89 -0.28 0.00	35.25 -0.32 0.00	40.24 -0.34 0.00	41.59 -0.22 0.00	38.39 -0.23 0.00	33.65 -0.17 0.00	28.79 -0.12 0.00	26.32 -0.13 0.00	26.06 -0.20 0.00	25.60 -0.18 0.00
ELEC_TRO_TEK 24086	31.78 1.81 0.00	28.82 1.51 0.00	27.62 1.29 0.00	25.30 1.17 0.00	22.74 1.06 0.00	26.85 1.05 0.00	28.50 1.24 0.00	25.31 1.37 0.00	25.55 1.48 0.00	27.73 1.62 0.00	33.87 2.10 -1.91	36.22 2.28 -0.29	34.70 2.36 -3.41	35.69 2.47 -0.23	34.04 2.48 -0.39	37.98 2.42 0.00	43.21 2.63 0.00	44.48 2.67 0.00	41.06 2.44 0.00	36.01 2.19 0.00	30.61 1.70 0.00	28.14 1.70 0.00	28.38 1.83 -0.29	27.52 1.75 0.00



ELLENBURG_WT_PWR 323604	30.13 0.17 0.00	27.63 0.32 0.00	26.63 0.31 0.00	24.25 0.12 0.00	21.64 -0.04 0.00	25.95 0.15 0.00	27.45 0.20 0.00	23.98 0.04 0.00	24.25 0.18 0.00	26.34 0.23 0.00	30.07 0.21 0.00	33.76 0.11 0.00	28.87 -0.07 0.00	32.94 -0.04 0.00	31.33 0.15 0.00	35.72 0.15 0.00	40.99 0.41 0.00	42.29 0.48 0.00	39.07 0.45 0.00	34.17 0.35 0.00	29.19 0.28 0.00	26.49 0.04 0.00	26.32 0.06 0.00	25.81 0.04 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.93 -2.04 0.00	25.56 -1.75 0.00	24.57 -1.67 0.08	17.48 -1.50 5.16	20.12 -1.50 0.07	22.79 -1.50 1.51	25.57 -1.68 0.00	20.71 -1.64 1.59	22.49 -1.53 0.05	24.78 -1.33 0.00	28.26 -1.59 0.00	32.08 -1.56 0.00	27.56 -1.37 0.00	31.02 -1.97 0.00	27.84 -2.22 1.12	32.96 -2.61 0.00	37.64 -2.94 0.00	37.83 -2.76 1.22	36.11 -2.52 0.00	31.59 -2.24 0.00	27.20 -1.71 0.00	25.17 -1.28 0.00	24.82 -1.45 0.00	24.57 -1.21 0.00
EMPIRE_CC_1 323656	30.34 0.37 0.00	27.72 0.41 0.00	26.67 0.35 0.00	24.53 0.40 0.00	22.11 0.43 0.00	26.15 0.35 0.00	27.58 0.32 0.00	24.41 0.46 0.00	24.53 0.45 0.00	26.49 0.38 0.00	30.31 0.46 0.00	34.18 0.53 0.00	29.44 0.51 0.00	33.48 0.49 0.00	31.71 0.54 0.00	35.98 0.41 0.00	40.96 0.37 0.00	42.20 0.39 0.00	38.95 0.33 0.00	34.17 0.35 0.00	29.27 0.36 0.00	26.79 0.34 0.00	26.67 0.40 0.00	26.16 0.38 0.00
EMPIRE_CC_2 323658	30.34 0.37 0.00	27.72 0.41 0.00	26.67 0.35 0.00	24.53 0.40 0.00	22.11 0.43 0.00	26.15 0.35 0.00	27.58 0.32 0.00	24.41 0.46 0.00	24.53 0.45 0.00	26.49 0.38 0.00	30.31 0.46 0.00	34.18 0.53 0.00	29.44 0.51 0.00	33.48 0.49 0.00	31.71 0.54 0.00	35.98 0.41 0.00	40.96 0.37 0.00	42.20 0.39 0.00	38.95 0.33 0.00	34.17 0.35 0.00	29.27 0.36 0.00	26.79 0.34 0.00	26.67 0.40 0.00	26.16 0.38 0.00
ENORWICH_115KV_TB1 80156	31.12 1.15 0.00	28.13 0.82 0.00	27.40 0.97 -0.10	31.38 0.79 -6.46	22.52 0.75 -0.09	28.69 0.99 -1.89	28.24 0.99 0.00	27.05 1.14 -1.96	25.33 1.20 -0.06	27.43 1.32 0.00	31.39 1.54 0.00	35.55 1.90 0.00	30.61 1.68 0.00	34.67 1.68 0.00	34.24 1.65 -1.41	37.50 1.93 0.00	43.02 2.44 0.00	46.09 2.75 -1.53	41.25 2.62 0.00	36.20 2.38 0.00	31.02 2.11 0.00	28.20 1.75 0.00	27.78 1.52 0.00	27.27 1.49 0.00
ERIE_ST__34_KV_TB1-2 80199	28.33 -1.63 0.00	25.90 -1.42 0.00	24.88 -1.36 0.08	17.44 -1.23 5.46	20.36 -1.25 0.07	22.97 -1.23 1.60	25.85 -1.41 0.00	20.91 -1.35 1.69	22.77 -1.25 0.05	25.07 -1.04 0.00	28.64 -1.22 0.00	32.51 -1.13 0.00	27.97 -0.97 0.00	31.54 -1.45 0.00	28.32 -1.67 1.18	33.59 -1.97 0.00	38.40 -2.17 0.00	38.57 -1.96 1.29	36.83 -1.80 0.00	32.19 -1.63 0.00	27.69 -1.21 0.00	25.60 -0.84 0.00	25.23 -1.03 0.00	24.93 -0.84 0.00
ERIE_WT_PWR 323693	28.04 -1.92 0.00	25.68 -1.64 0.00	24.68 -1.56 0.08	17.30 -1.46 5.38	20.19 -1.42 0.07	22.81 -1.42 1.58	25.68 -1.58 0.00	20.76 -1.53 1.66	22.61 -1.41 0.05	24.90 -1.21 0.00	28.41 -1.44 0.00	32.25 -1.40 0.00	27.72 -1.22 0.00	31.19 -1.80 0.00	27.97 -2.05 1.17	33.18 -2.39 0.00	37.90 -2.68 0.00	38.07 -2.47 1.27	36.33 -2.29 0.00	31.80 -2.03 0.00	27.37 -1.54 0.00	25.34 -1.10 0.00	25.00 -1.26 0.00	24.73 -1.05 0.00
ESPRGFLD_115KV_TB1 80157	31.27 1.30 0.00	28.47 1.16 0.00	27.49 1.16 0.00	25.16 1.02 0.00	22.53 0.85 0.00	26.87 1.07 0.00	28.41 1.16 0.00	24.93 0.99 0.00	25.09 1.02 0.00	27.31 1.20 0.00	31.20 1.35 0.00	35.19 1.55 0.00	30.31 1.38 0.00	34.53 1.54 0.00	32.70 1.52 0.00	37.29 1.72 0.00	42.80 2.22 0.00	44.14 2.33 0.00	40.86 2.23 0.00	35.72 1.90 0.00	30.48 1.56 0.00	27.85 1.40 0.00	27.59 1.32 0.00	27.04 1.26 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.23 0.25 -0.01	27.51 0.19 0.00	26.76 0.20 -0.23	39.60 0.17 -15.30	22.05 0.16 -0.20	30.49 0.20 -4.49	27.47 0.22 0.00	28.91 0.31 -4.65	24.50 0.29 -0.14	26.44 0.33 0.00	30.27 0.41 0.00	34.15 0.50 0.00	29.38 0.45 0.00	33.37 0.39 0.00	34.91 0.38 -3.34	35.95 0.38 0.00	41.12 0.54 0.00	46.17 0.73 -3.63	39.43 0.80 0.00	34.57 0.75 0.00	29.58 0.68 0.00	27.03 0.58 0.00	26.75 0.48 0.00	26.24 0.46 0.00
ETNA____115KV_TB2 80207	30.23 0.25 -0.01	27.51 0.19 0.00	26.76 0.20 -0.23	39.60 0.17 -15.30	22.05 0.16 -0.20	30.49 0.20 -4.49	27.47 0.22 0.00	28.91 0.31 -4.65	24.50 0.29 -0.14	26.44 0.33 0.00	30.27 0.41 0.00	34.15 0.50 0.00	29.38 0.45 0.00	33.37 0.39 0.00	34.91 0.38 -3.34	35.95 0.38 0.00	41.12 0.54 0.00	46.17 0.73 -3.63	39.43 0.80 0.00	34.57 0.75 0.00	29.58 0.68 0.00	27.03 0.58 0.00	26.75 0.48 0.00	26.24 0.46 0.00
EUCLID__115KV_TB2 356179	29.52 -0.45 0.00	26.90 -0.42 0.00	25.96 -0.37 0.00	23.81 -0.33 0.00	21.39 -0.29 0.00	25.45 -0.35 0.00	26.88 -0.37 0.00	23.65 -0.30 0.00	23.73 -0.34 0.00	25.72 -0.39 0.00	29.41 -0.44 0.00	33.22 -0.43 0.00	28.60 -0.33 0.00	32.55 -0.44 0.00	30.77 -0.41 0.00	35.09 -0.48 0.00	40.06 -0.52 0.00	41.37 -0.44 0.00	38.22 -0.40 0.00	33.46 -0.36 0.00	28.60 -0.31 0.00	26.16 -0.29 0.00	25.93 -0.34 0.00	25.45 -0.32 0.00
E_CANADA_CAP_HY 24051	31.61 1.65 0.00	28.85 1.54 0.00	27.83 1.51 0.00	25.46 1.33 0.00	22.80 1.11 0.00	27.20 1.39 0.00	28.75 1.49 0.00	25.16 1.21 0.00	25.29 1.22 0.00	27.49 1.38 0.00	31.31 1.45 0.00	35.22 1.58 0.00	30.26 1.33 0.00	34.52 1.54 0.00	32.68 1.50 0.00	37.28 1.71 0.00	42.87 2.29 0.00	44.30 2.49 0.00	41.02 2.39 0.00	35.88 2.06 0.00	30.65 1.74 0.00	28.02 1.58 0.00	27.80 1.54 0.00	27.25 1.48 0.00
E_CANADA_MHWK_HY 24050	29.92 -0.05 0.00	27.13 -0.18 0.00	26.09 -0.23 0.00	24.00 -0.14 0.00	21.65 -0.03 0.00	25.57 -0.23 0.00	26.99 -0.27 0.00	23.99 0.04 0.00	24.17 0.10 0.00	26.07 -0.04 0.00	29.74 -0.11 0.00	33.49 -0.16 0.00	28.84 -0.10 0.00	32.71 -0.28 0.00	30.91 -0.27 0.00	35.33 -0.24 0.00	40.49 -0.09 0.00	41.73 -0.08 0.00	38.59 -0.03 0.00	33.94 0.12 0.00	29.01 0.10 0.00	26.51 0.06 0.00	26.37 0.10 0.00	25.79 0.01 0.00
E_FISHKILL__LBMP 23776	31.14 1.17 0.00	28.29 0.98 0.00	27.15 0.82 0.00	24.91 0.78 0.00	22.42 0.74 0.00	26.50 0.70 0.00	28.05 0.79 0.00	24.88 0.94 0.00	25.11 1.04 0.00	27.21 1.10 0.00	31.23 1.37 0.00	35.25 1.60 0.00	30.51 1.58 0.00	34.68 1.69 0.00	32.91 1.73 0.00	37.35 1.78 0.00	42.51 1.93 0.00	43.79 1.98 0.00	40.46 1.83 0.00	35.46 1.64 0.00	30.18 1.28 0.00	27.65 1.21 0.00	27.50 1.23 0.00	26.94 1.16 0.00
FALCON___SEABRD_CC1 323796	30.78 0.81 0.00	28.26 0.94 0.00	27.25 0.92 0.00	24.87 0.74 0.00	22.24 0.56 0.00	26.55 0.75 0.00	28.08 0.82 0.00	24.69 0.75 0.00	24.96 0.89 0.00	27.02 0.91 0.00	30.86 1.00 0.00	34.69 1.04 0.00	29.68 0.75 0.00	33.77 0.78 0.00	32.09 0.91 0.00	36.50 0.94 0.00	41.96 1.38 0.00	43.37 1.56 0.00	40.11 1.49 0.00	35.16 1.34 0.00	30.06 1.15 0.00	27.31 0.87 0.00	27.13 0.86 0.00	26.62 0.84 0.00



FALCON___SEABRD_CC2 323797	30.78 0.81 0.00	28.26 0.94 0.00	27.25 0.92 0.00	24.87 0.74 0.00	22.24 0.56 0.00	26.55 0.75 0.00	28.08 0.82 0.00	24.69 0.75 0.00	24.96 0.89 0.00	27.02 0.91 0.00	30.86 1.00 0.00	34.69 1.04 0.00	29.68 0.75 0.00	33.77 0.78 0.00	32.09 0.91 0.00	36.50 0.94 0.00	41.96 1.38 0.00	43.37 1.56 0.00	40.11 1.49 0.00	35.16 1.34 0.00	30.06 1.15 0.00	27.31 0.87 0.00	27.13 0.86 0.00	26.62 0.84 0.00
FAR ROCKAWAY___4 23548	32.25 2.28 0.00	29.23 1.91 0.00	28.01 1.69 0.00	25.64 1.51 0.00	23.04 1.36 0.00	27.21 1.41 0.00	28.88 1.62 0.00	25.65 1.70 0.00	25.89 1.82 0.00	28.12 2.01 0.00	34.32 2.55 -1.91	36.75 2.82 -0.29	35.17 2.82 -3.41	36.23 3.02 -0.23	34.59 3.02 -0.39	38.60 3.04 0.00	43.95 3.37 0.00	45.28 3.47 0.00	41.82 3.19 0.00	36.66 2.84 0.00	31.15 2.24 0.00	28.65 2.20 0.00	28.85 2.28 -0.29	27.96 2.18 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.60 1.63 0.00	28.68 1.36 0.00	27.49 1.17 0.00	25.23 1.09 0.00	22.71 1.03 0.00	26.81 1.01 0.00	28.40 1.15 0.00	25.23 1.29 0.00	25.48 1.41 0.00	27.64 1.52 0.00	31.77 1.91 0.00	35.87 2.23 0.00	31.10 2.17 0.00	35.37 2.39 0.00	33.54 2.36 0.00	38.07 2.51 0.00	43.32 2.75 0.00	44.56 2.75 0.00	41.20 2.58 0.00	36.13 2.31 0.00	30.66 1.75 0.00	28.11 1.66 0.00	27.95 1.68 0.00	27.37 1.60 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.64 1.67 0.00	28.72 1.41 0.00	27.51 1.18 0.00	25.23 1.10 0.00	22.72 1.04 0.00	26.84 1.03 0.00	28.42 1.17 0.00	25.25 1.30 0.00	25.50 1.43 0.00	27.66 1.55 0.00	31.78 1.92 0.00	35.88 2.24 0.00	31.12 2.19 0.00	35.40 2.41 0.00	33.60 2.42 0.00	38.16 2.59 0.00	43.34 2.76 0.00	44.59 2.78 0.00	41.23 2.60 0.00	36.15 2.33 0.00	30.68 1.77 0.00	28.13 1.68 0.00	27.97 1.70 0.00	27.40 1.62 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.60 1.63 0.00	28.68 1.37 0.00	27.47 1.15 0.00	25.20 1.07 0.00	22.69 1.01 0.00	26.81 1.00 0.00	28.38 1.13 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.74 1.89 0.00	35.84 2.20 0.00	31.09 2.15 0.00	35.36 2.37 0.00	33.56 2.38 0.00	38.11 2.54 0.00	43.29 2.71 0.00	44.52 2.72 0.00	41.18 2.55 0.00	36.10 2.28 0.00	30.64 1.73 0.00	28.10 1.65 0.00	27.93 1.67 0.00	27.35 1.58 0.00
FARRAGUT___LBMP 323566	31.57 1.61 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.19 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.36 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.72 1.86 0.00	35.81 2.17 0.00	31.06 2.12 0.00	35.32 2.34 0.00	33.53 2.35 0.00	38.07 2.51 0.00	43.25 2.67 0.00	44.48 2.67 0.00	41.15 2.52 0.00	36.07 2.25 0.00	30.62 1.71 0.00	28.07 1.63 0.00	27.91 1.65 0.00	27.34 1.56 0.00
FENNER___WINDPWR 24204	30.23 0.26 0.00	27.51 0.19 0.00	26.54 0.17 -0.04	27.22 0.17 -2.92	21.89 0.16 -0.04	26.86 0.20 -0.85	27.47 0.22 0.00	25.15 0.31 -0.89	24.39 0.29 -0.03	26.43 0.32 0.00	30.30 0.45 0.00	34.26 0.62 0.00	29.45 0.52 0.00	33.50 0.52 0.00	32.35 0.54 -0.64	36.11 0.54 0.00	41.20 0.62 0.00	43.30 0.80 -0.69	39.45 0.83 0.00	34.61 0.79 0.00	29.59 0.68 0.00	26.99 0.55 0.00	26.76 0.49 0.00	26.21 0.43 0.00
FIBERTEK___ENERGY 23856	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.75 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00
FITZPATRICK____ 23598	29.17 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.65 0.00	23.55 -0.59 0.00	21.16 -0.52 0.00	25.17 -0.63 0.00	26.58 -0.67 0.00	23.38 -0.57 0.00	23.45 -0.62 0.00	25.38 -0.73 0.00	29.00 -0.85 0.00	32.73 -0.91 0.00	28.17 -0.77 0.00	32.07 -0.92 0.00	30.30 -0.88 0.00	34.56 -1.01 0.00	39.44 -1.14 0.00	40.70 -1.11 0.00	37.60 -1.02 0.00	32.93 -0.89 0.00	28.15 -0.76 0.00	25.76 -0.69 0.00	25.54 -0.73 0.00	25.08 -0.70 0.00
FLOWRFLD_69_KV_BK1 356044	31.99 2.02 0.00	28.97 1.66 0.00	27.77 1.44 0.00	25.42 1.28 0.00	22.82 1.14 0.00	26.92 1.12 0.00	28.66 1.41 0.00	25.48 1.53 0.00	25.71 1.64 0.00	27.98 1.87 0.00	34.18 2.41 -1.91	36.53 2.60 -0.29	35.08 2.74 -3.41	36.02 2.81 -0.23	34.39 2.82 -0.39	38.13 2.57 0.00	43.32 2.74 0.00	44.59 2.79 0.00	41.18 2.56 0.00	36.15 2.33 0.00	30.69 1.78 0.00	28.24 1.80 0.00	28.55 1.99 -0.29	27.68 1.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.52 1.55 0.00	28.63 1.32 0.00	27.46 1.14 0.00	25.19 1.05 0.00	22.67 0.99 0.00	26.81 1.01 0.00	28.38 1.12 0.00	25.18 1.23 0.00	25.42 1.35 0.00	27.57 1.46 0.00	31.65 1.79 0.00	35.74 2.10 0.00	30.93 2.00 0.00	35.16 2.17 0.00	33.38 2.20 0.00	37.93 2.36 0.00	43.21 2.63 0.00	44.53 2.73 0.00	41.15 2.53 0.00	36.04 2.22 0.00	30.66 1.75 0.00	28.07 1.63 0.00	27.88 1.62 0.00	27.29 1.52 0.00
FORT ORANGE____ 23900	30.42 0.45 0.00	27.71 0.40 0.00	26.66 0.34 0.00	24.49 0.36 0.00	22.08 0.40 0.00	26.13 0.33 0.00	27.59 0.34 0.00	24.46 0.51 0.00	24.59 0.52 0.00	26.57 0.46 0.00	30.39 0.54 0.00	34.29 0.64 0.00	29.51 0.58 0.00	33.58 0.60 0.00	31.79 0.61 0.00	36.14 0.57 0.00	41.26 0.68 0.00	42.52 0.71 0.00	39.27 0.64 0.00	34.45 0.63 0.00	29.48 0.57 0.00	26.95 0.50 0.00	26.78 0.52 0.00	26.22 0.45 0.00
FORT_DRUM_COGEN 23780	29.20 -0.76 0.00	26.53 -0.78 0.00	25.59 -0.74 0.00	23.41 -0.72 0.00	21.04 -0.64 0.00	25.29 -0.51 0.00	26.60 -0.66 0.00	23.37 -0.57 0.00	23.69 -0.38 0.00	25.80 -0.31 0.00	29.20 -0.66 0.00	33.07 -0.57 0.00	28.11 -0.83 0.00	32.24 -0.74 0.00	30.73 -0.45 0.00	35.22 -0.35 0.00	40.99 0.41 0.00	42.93 1.12 0.00	38.88 0.25 0.00	34.01 0.19 0.00	29.18 0.27 0.00	26.65 0.20 0.00	26.35 0.08 0.00	25.92 0.14 0.00
FOX_HILLS___ESR 323835	31.60 1.63 0.00	28.69 1.37 0.00	27.48 1.16 0.00	25.21 1.08 0.00	22.69 1.01 0.00	26.80 0.99 0.00	28.39 1.14 0.00	25.22 1.27 0.00	25.48 1.40 0.00	27.62 1.51 0.00	31.69 1.84 0.00	35.76 2.11 0.00	31.01 2.08 0.00	35.30 2.31 0.00	33.54 2.35 -0.01	38.04 2.48 0.00	43.13 2.55 0.00	44.46 2.65 0.00	41.18 2.55 0.00	36.16 2.33 -0.01	38.96 1.77 -8.27	29.13 1.69 -0.99	27.98 1.71 0.00	27.36 1.59 0.00
FPL FAR_ROCK_GT1 24212	32.25 2.28 0.00	29.23 1.92 0.00	28.01 1.68 0.00	25.65 1.52 0.00	23.04 1.36 0.00	27.21 1.41 0.00	28.88 1.62 0.00	25.65 1.70 0.00	25.89 1.82 0.00	28.12 2.01 0.00	34.31 2.55 -1.91	36.75 2.82 -0.29	35.17 2.82 -3.41	36.25 3.03 -0.23	34.59 3.02 -0.39	38.60 3.03 0.00	43.95 3.37 0.00	45.28 3.47 0.00	41.81 3.19 0.00	36.66 2.84 0.00	31.15 2.24 0.00	28.65 2.20 0.00	28.84 2.28 -0.29	27.96 2.18 0.00



FPL FAR_ROCK_GT2 23815	32.25 2.28 0.00	29.23 1.92 0.00	28.01 1.68 0.00	25.65 1.52 0.00	23.04 1.36 0.00	27.21 1.41 0.00	28.88 1.62 0.00	25.65 1.70 0.00	25.89 1.82 0.00	28.12 2.01 0.00	34.31 2.55 -1.91	36.75 2.82 -0.29	35.17 2.82 -3.41	36.25 3.03 -0.23	34.59 3.02 -0.39	38.60 3.03 0.00	43.95 3.37 0.00	45.28 3.47 0.00	41.81 3.19 0.00	36.66 2.84 0.00	31.15 2.24 0.00	28.65 2.20 0.00	28.84 2.28 -0.29	27.96 2.18 0.00
FRANKLIN_FALL_HYD 24054	30.25 0.29 0.00	27.73 0.41 0.00	26.73 0.40 0.00	24.34 0.21 0.00	21.74 0.05 0.00	26.05 0.25 0.00	27.57 0.31 0.00	24.07 0.13 0.00	24.33 0.26 0.00	26.52 0.41 0.00	30.25 0.39 0.00	33.89 0.24 0.00	28.97 0.03 0.00	33.13 0.14 0.00	31.41 0.23 0.00	35.88 0.32 0.00	41.16 0.58 0.00	42.59 0.78 0.00	39.38 0.75 0.00	34.44 0.62 0.00	29.47 0.56 0.00	26.75 0.30 0.00	26.56 0.29 0.00	26.01 0.24 0.00
FREEPORT_EQUUS_GT1 23764	32.00 2.03 0.00	29.00 1.69 0.00	27.77 1.45 0.00	25.45 1.32 0.00	22.86 1.18 0.00	26.98 1.18 0.00	28.65 1.40 0.00	25.47 1.52 0.00	25.70 1.63 0.00	27.92 1.81 0.00	34.11 2.34 -1.91	36.49 2.55 -0.29	34.95 2.60 -3.41	35.94 2.73 -0.23	34.30 2.73 -0.39	38.23 2.67 0.00	43.52 2.94 0.00	44.81 3.00 0.00	41.37 2.75 0.00	36.28 2.46 0.00	30.82 1.91 0.00	28.37 1.92 0.00	28.61 2.05 -0.29	27.72 1.95 0.00
FREEPORT___CT2 23818	32.00 2.03 0.00	29.00 1.69 0.00	27.77 1.45 0.00	25.45 1.32 0.00	22.86 1.18 0.00	26.98 1.18 0.00	28.65 1.40 0.00	25.47 1.52 0.00	25.70 1.63 0.00	27.92 1.81 0.00	34.11 2.34 -1.91	36.49 2.55 -0.29	34.95 2.60 -3.41	35.94 2.73 -0.23	34.30 2.73 -0.39	38.23 2.67 0.00	43.52 2.94 0.00	44.81 3.00 0.00	41.37 2.75 0.00	36.28 2.46 0.00	30.82 1.91 0.00	28.37 1.92 0.00	28.61 2.05 -0.29	27.72 1.95 0.00
FRESHKLS_33_KV_LOAD 356253	31.53 1.56 0.00	28.63 1.31 0.00	27.43 1.11 0.00	25.17 1.03 0.00	22.64 0.96 0.00	26.75 0.94 0.00	28.35 1.09 0.00	25.17 1.23 0.00	25.43 1.35 0.00	27.56 1.45 0.00	31.59 1.74 0.00	35.66 2.02 0.00	30.92 1.99 0.00	35.21 2.22 0.00	33.46 2.28 -0.01	37.97 2.40 0.00	43.04 2.46 0.00	44.38 2.57 0.00	41.14 2.52 0.00	36.16 2.33 -0.01	38.93 1.75 -8.27	29.09 1.65 -0.99	27.94 1.67 0.00	27.33 1.55 0.00
FULTON COGEN____ 23766	29.48 -0.48 0.00	26.86 -0.45 0.00	25.92 -0.40 0.00	23.78 -0.36 0.00	21.37 -0.32 0.00	25.42 -0.38 0.00	26.86 -0.40 0.00	23.62 -0.33 0.00	23.71 -0.37 0.00	25.66 -0.45 0.00	29.33 -0.52 0.00	33.13 -0.52 0.00	28.48 -0.46 0.00	32.50 -0.48 0.00	30.75 -0.43 0.00	35.07 -0.50 0.00	40.10 -0.48 0.00	41.35 -0.46 0.00	38.19 -0.44 0.00	33.46 -0.36 0.00	28.60 -0.31 0.00	26.15 -0.30 0.00	25.91 -0.35 0.00	25.41 -0.37 0.00
FULTON___LFGE 323630	32.92 2.95 0.00	29.97 2.66 0.00	28.84 2.52 0.00	26.39 2.26 0.00	23.67 1.99 0.00	28.19 2.39 0.00	29.82 2.57 0.00	26.20 2.25 0.00	26.43 2.36 0.00	28.64 2.53 0.00	32.51 2.65 0.00	35.82 2.18 0.00	30.41 1.47 0.00	34.23 1.25 0.00	32.79 1.61 0.00	36.90 1.33 0.00	44.32 3.74 0.00	46.22 4.41 0.00	43.13 4.51 0.00	37.79 3.96 0.00	32.29 3.38 0.00	29.44 3.00 0.00	29.11 2.85 0.00	28.41 2.63 0.00
G.F.CEMENT___DRP 24184	32.15 2.19 0.00	29.22 1.91 0.00	28.05 1.72 0.00	25.74 1.60 0.00	23.25 1.57 0.00	27.56 1.76 0.00	29.10 1.84 0.00	25.75 1.81 0.00	26.09 2.01 0.00	28.23 2.13 0.00	32.12 2.27 0.00	36.19 2.55 0.00	31.10 2.16 0.00	35.15 2.17 0.00	33.24 2.06 0.00	37.84 2.27 0.00	43.29 2.71 0.00	44.76 2.96 0.00	41.53 2.91 0.00	36.42 2.60 0.00	31.25 2.34 0.00	28.54 2.09 0.00	28.25 1.98 0.00	27.62 1.85 0.00
GARDENVILLE___LBMP 24039	27.97 -1.99 0.00	25.59 -1.72 0.00	24.61 -1.64 0.08	17.30 -1.48 5.36	20.14 -1.47 0.07	22.76 -1.47 1.57	25.62 -1.64 0.00	20.71 -1.58 1.66	22.55 -1.47 0.05	24.85 -1.26 0.00	28.34 -1.52 0.00	32.17 -1.47 0.00	27.65 -1.28 0.00	31.15 -1.84 0.00	27.92 -2.10 1.17	33.10 -2.47 0.00	37.80 -2.78 0.00	37.96 -2.59 1.27	36.25 -2.37 0.00	31.72 -2.10 0.00	27.30 -1.61 0.00	25.26 -1.18 0.00	24.92 -1.35 0.00	24.65 -1.13 0.00
GARDNVLA_35_KV_LD 355827	28.09 -1.87 0.00	25.71 -1.61 0.00	24.71 -1.54 0.08	17.35 -1.40 5.38	20.21 -1.40 0.07	22.84 -1.39 1.58	25.72 -1.54 0.00	20.78 -1.50 1.66	22.64 -1.38 0.05	24.95 -1.16 0.00	28.48 -1.38 0.00	32.34 -1.31 0.00	27.80 -1.13 0.00	31.32 -1.67 0.00	28.08 -1.93 1.17	33.30 -2.27 0.00	38.04 -2.54 0.00	38.19 -2.35 1.27	36.48 -2.14 0.00	31.89 -1.93 0.00	27.45 -1.46 0.00	25.39 -1.05 0.00	25.03 -1.23 0.00	24.77 -1.01 0.00
GELCKHM___115KV_LOAD 80723	29.63 -0.34 0.00	26.99 -0.32 0.00	26.06 -0.27 0.00	23.89 -0.24 0.00	21.47 -0.21 0.00	25.54 -0.26 0.00	26.97 -0.29 0.00	23.74 -0.20 0.00	23.83 -0.24 0.00	25.82 -0.29 0.00	29.53 -0.32 0.00	33.36 -0.29 0.00	28.71 -0.22 0.00	32.70 -0.29 0.00	30.91 -0.27 0.00	35.24 -0.32 0.00	40.26 -0.32 0.00	41.57 -0.24 0.00	38.41 -0.22 0.00	33.63 -0.19 0.00	28.74 -0.17 0.00	26.28 -0.16 0.00	26.05 -0.21 0.00	25.56 -0.21 0.00
GENERAL___MILLS 23808	28.05 -1.91 0.00	25.66 -1.65 0.00	24.67 -1.57 0.08	17.33 -1.43 5.38	20.18 -1.43 0.07	22.81 -1.42 1.58	25.67 -1.58 0.00	20.75 -1.54 1.66	22.60 -1.42 0.05	24.90 -1.21 0.00	28.41 -1.45 0.00	32.26 -1.39 0.00	27.72 -1.21 0.00	31.22 -1.77 0.00	27.99 -2.02 1.17	33.19 -2.37 0.00	37.92 -2.66 0.00	38.07 -2.47 1.27	36.36 -2.26 0.00	31.81 -2.02 0.00	27.39 -1.53 0.00	25.34 -1.11 0.00	24.98 -1.28 0.00	24.72 -1.06 0.00
GE_PLASTICS___DRP 24183	30.34 0.37 0.00	27.64 0.33 0.00	26.60 0.28 0.00	24.43 0.30 0.00	22.01 0.33 0.00	26.07 0.26 0.00	27.53 0.28 0.00	24.37 0.42 0.00	24.50 0.43 0.00	26.49 0.38 0.00	30.33 0.47 0.00	34.20 0.55 0.00	29.47 0.54 0.00	33.53 0.54 0.00	31.76 0.58 0.00	36.10 0.53 0.00	41.16 0.58 0.00	42.39 0.58 0.00	39.17 0.54 0.00	34.33 0.51 0.00	29.35 0.44 0.00	26.85 0.40 0.00	26.70 0.43 0.00	26.16 0.39 0.00
GILBOA___1 23756	30.45 0.48 0.00	27.72 0.41 0.00	26.75 0.42 0.00	24.55 0.41 0.00	22.09 0.41 0.00	26.18 0.38 0.00	27.68 0.42 0.00	24.46 0.51 0.00	24.54 0.48 0.00	26.59 0.48 0.00	30.45 0.60 0.00	34.36 0.71 0.00	29.64 0.71 0.00	33.73 0.74 0.00	31.93 0.75 0.00	36.32 0.76 0.00	41.40 0.82 0.00	42.61 0.80 0.00	39.40 0.78 0.00	34.54 0.72 0.00	29.49 0.58 0.00	26.99 0.54 0.00	26.82 0.55 0.00	26.29 0.51 0.00
GILBOA___2 23757	30.45 0.48 0.00	27.72 0.41 0.00	26.75 0.42 0.00	24.55 0.41 0.00	22.09 0.41 0.00	26.18 0.38 0.00	27.68 0.42 0.00	24.46 0.51 0.00	24.54 0.48 0.00	26.59 0.48 0.00	30.45 0.60 0.00	34.36 0.71 0.00	29.64 0.71 0.00	33.73 0.74 0.00	31.93 0.75 0.00	36.32 0.76 0.00	41.40 0.82 0.00	42.61 0.80 0.00	39.40 0.78 0.00	34.54 0.72 0.00	29.49 0.58 0.00	26.99 0.54 0.00	26.82 0.55 0.00	26.29 0.51 0.00



GILBOA___3 23758	30.45 0.48 0.00	27.72 0.41 0.00	26.75 0.42 0.00	24.55 0.41 0.00	22.09 0.41 0.00	26.18 0.38 0.00	27.68 0.42 0.00	24.46 0.51 0.00	24.54 0.48 0.00	26.59 0.48 0.00	30.45 0.60 0.00	34.36 0.71 0.00	29.64 0.71 0.00	33.73 0.74 0.00	31.93 0.75 0.00	36.32 0.76 0.00	41.40 0.82 0.00	42.61 0.80 0.00	39.40 0.78 0.00	34.54 0.72 0.00	29.49 0.58 0.00	26.99 0.54 0.00	26.82 0.55 0.00	26.29 0.51 0.00
GILBOA___4 23759	30.45 0.48 0.00	27.72 0.41 0.00	26.75 0.42 0.00	24.55 0.41 0.00	22.09 0.41 0.00	26.18 0.38 0.00	27.68 0.42 0.00	24.46 0.51 0.00	24.54 0.48 0.00	26.59 0.48 0.00	30.45 0.60 0.00	34.36 0.71 0.00	29.64 0.71 0.00	33.73 0.74 0.00	31.93 0.75 0.00	36.32 0.76 0.00	41.40 0.82 0.00	42.61 0.80 0.00	39.40 0.78 0.00	34.54 0.72 0.00	29.49 0.58 0.00	26.99 0.54 0.00	26.82 0.55 0.00	26.29 0.51 0.00
GILBOA___ 23599	30.45 0.48 0.00	27.72 0.41 0.00	26.75 0.43 0.00	24.55 0.42 0.00	22.10 0.41 0.00	26.18 0.38 0.00	27.67 0.42 0.00	24.46 0.51 0.00	24.54 0.48 0.00	26.59 0.48 0.00	30.45 0.60 0.00	34.36 0.71 0.00	29.64 0.71 0.00	33.73 0.74 0.00	31.93 0.75 0.00	36.33 0.76 0.00	41.40 0.82 0.00	42.61 0.80 0.00	39.40 0.78 0.00	34.54 0.72 0.00	29.49 0.58 0.00	26.99 0.54 0.00	26.82 0.55 0.00	26.29 0.52 0.00
GINNA___ 23603	28.00 -1.97 0.00	25.54 -1.77 0.00	24.59 -1.69 0.04	19.92 -1.58 2.63	20.18 -1.47 0.04	23.40 -1.63 0.77	25.49 -1.77 0.00	21.50 -1.62 0.83	22.44 -1.60 0.03	24.57 -1.55 0.00	28.12 -1.74 0.00	31.77 -1.88 0.00	27.38 -1.56 0.00	31.03 -1.96 0.00	28.67 -1.94 0.57	33.27 -2.30 0.00	38.02 -2.56 0.00	38.78 -2.41 0.62	36.43 -2.19 0.00	31.85 -1.97 0.00	27.29 -1.62 0.00	25.05 -1.39 0.00	24.72 -1.55 0.00	24.30 -1.48 0.00
GLEN PARK___ 23778	29.32 -0.64 0.00	26.64 -0.68 0.00	25.68 -0.64 0.00	23.50 -0.63 0.00	21.12 -0.56 0.00	25.38 -0.42 0.00	26.70 -0.55 0.00	23.46 -0.48 0.00	23.78 -0.29 0.00	25.89 -0.22 0.00	29.29 -0.57 0.00	33.20 -0.45 0.00	28.21 -0.72 0.00	32.37 -0.62 0.00	30.88 -0.30 0.00	35.37 -0.20 0.00	41.22 0.64 0.00	43.20 1.39 0.00	39.05 0.43 0.00	34.21 0.39 0.00	29.35 0.44 0.00	26.80 0.35 0.00	26.47 0.20 0.00	26.02 0.24 0.00
GLENDALE_27_KV_LOAD 356172	31.76 1.79 0.00	28.84 1.52 0.00	27.61 1.29 0.00	25.33 1.20 0.00	22.80 1.11 0.00	26.93 1.12 0.00	28.53 1.28 0.00	25.34 1.40 0.00	25.60 1.53 0.00	27.77 1.66 0.00	31.91 2.06 0.00	36.03 2.39 0.00	31.25 2.31 0.00	35.55 2.57 0.00	33.76 2.58 0.00	38.30 2.73 0.00	43.48 2.90 0.00	44.74 2.93 0.00	41.36 2.74 0.00	36.29 2.47 0.00	30.81 1.90 0.00	28.27 1.83 0.00	28.11 1.85 0.00	27.50 1.72 0.00
GLENWOOD_IC_1_G5 23712	31.95 1.98 0.00	28.97 1.65 0.00	27.75 1.42 0.00	25.42 1.29 0.00	22.85 1.17 0.00	26.96 1.16 0.00	28.63 1.38 0.00	25.43 1.48 0.00	25.67 1.60 0.00	27.89 1.78 0.00	34.05 2.29 -1.91	36.43 2.50 -0.29	34.90 2.56 -3.41	35.92 2.71 -0.23	34.27 2.70 -0.39	38.25 2.68 0.00	43.55 2.96 0.00	44.82 3.01 0.00	41.38 2.76 0.00	36.29 2.47 0.00	30.82 1.91 0.00	28.32 1.87 0.00	28.55 1.99 -0.29	27.68 1.90 0.00
GLENWOOD_IC_2_G1 23688	31.87 1.91 0.00	28.90 1.59 0.00	27.69 1.36 0.00	25.37 1.24 0.00	22.80 1.12 0.00	26.91 1.11 0.00	28.57 1.31 0.00	25.38 1.43 0.00	25.61 1.54 0.00	27.82 1.71 0.00	33.96 2.19 -1.91	36.33 2.40 -0.29	34.81 2.46 -3.41	35.83 2.61 -0.23	34.18 2.61 -0.39	38.13 2.57 0.00	43.40 2.81 0.00	44.68 2.87 0.00	41.25 2.62 0.00	36.17 2.35 0.00	30.73 1.82 0.00	28.24 1.79 0.00	28.47 1.91 -0.29	27.61 1.83 0.00
GLENWOOD_IC_3_G1 23689	31.87 1.91 0.00	28.90 1.59 0.00	27.69 1.36 0.00	25.37 1.24 0.00	22.80 1.12 0.00	26.91 1.11 0.00	28.57 1.31 0.00	25.38 1.43 0.00	25.61 1.54 0.00	27.82 1.71 0.00	33.96 2.19 -1.91	36.33 2.40 -0.29	34.81 2.46 -3.41	35.83 2.61 -0.23	34.18 2.61 -0.39	38.13 2.57 0.00	43.40 2.81 0.00	44.68 2.87 0.00	41.25 2.62 0.00	36.17 2.35 0.00	30.73 1.82 0.00	28.24 1.79 0.00	28.47 1.91 -0.29	27.61 1.83 0.00
GLENWOOD___4 23550	31.95 1.98 0.00	28.97 1.65 0.00	27.75 1.42 0.00	25.42 1.29 0.00	22.85 1.17 0.00	26.96 1.16 0.00	28.63 1.38 0.00	25.43 1.48 0.00	25.67 1.60 0.00	27.89 1.78 0.00	34.05 2.29 -1.91	36.43 2.50 -0.29	34.90 2.56 -3.41	35.92 2.71 -0.23	34.27 2.70 -0.39	38.25 2.68 0.00	43.55 2.96 0.00	44.82 3.01 0.00	41.38 2.76 0.00	36.29 2.47 0.00	30.82 1.91 0.00	28.32 1.87 0.00	28.55 1.99 -0.29	27.68 1.90 0.00
GLENWOOD___5 23614	31.95 1.98 0.00	28.97 1.65 0.00	27.75 1.42 0.00	25.42 1.29 0.00	22.85 1.17 0.00	26.96 1.16 0.00	28.63 1.38 0.00	25.43 1.48 0.00	25.67 1.60 0.00	27.89 1.78 0.00	34.05 2.29 -1.91	36.43 2.50 -0.29	34.90 2.56 -3.41	35.92 2.71 -0.23	34.27 2.70 -0.39	38.25 2.68 0.00	43.55 2.96 0.00	44.82 3.01 0.00	41.38 2.76 0.00	36.29 2.47 0.00	30.82 1.91 0.00	28.32 1.87 0.00	28.55 1.99 -0.29	27.68 1.90 0.00
GLOBAL GREEN_PORT_GT1 23814	32.94 2.97 0.00	29.79 2.48 0.00	28.56 2.24 0.00	26.16 2.03 0.00	23.48 1.80 0.00	27.73 1.93 0.00	29.60 2.34 0.00	26.29 2.35 0.00	26.58 2.51 0.00	29.07 2.96 0.00	35.43 3.66 -1.91	38.05 4.12 -0.29	36.37 4.02 -3.41	37.38 4.17 -0.23	35.46 3.89 -0.39	39.35 3.79 0.00	44.79 4.21 0.00	46.10 4.29 0.00	42.58 3.95 0.00	37.44 3.62 0.00	31.72 2.81 0.00	29.01 2.57 0.00	29.28 2.72 -0.29	28.10 2.32 0.00
GLOBE___DSASP 323697	27.23 -2.74 0.00	24.97 -2.34 0.00	24.04 -2.21 0.07	17.61 -1.94 4.58	19.66 -1.96 0.06	22.42 -2.04 1.34	24.96 -2.30 0.00	20.28 -2.25 1.42	21.88 -2.15 0.04	24.12 -1.99 0.00	27.49 -2.37 0.00	31.18 -2.47 0.00	26.75 -2.18 0.00	30.01 -2.97 0.00	27.01 -3.18 1.00	31.77 -3.80 0.00	36.27 -4.31 0.00	36.63 -4.10 1.09	34.88 -3.74 0.00	30.52 -3.30 0.00	26.32 -2.59 0.00	24.41 -2.03 0.00	24.04 -2.23 0.00	23.84 -1.93 0.00
GOETHSLN___LBMP 323567	31.50 1.53 0.00	28.60 1.29 0.00	27.39 1.07 0.00	25.13 1.00 0.00	22.62 0.94 0.00	26.72 0.92 0.00	28.30 1.04 0.00	25.14 1.19 0.00	25.39 1.31 0.00	27.52 1.42 0.00	31.64 1.78 0.00	35.73 2.08 0.00	30.98 2.05 0.00	35.24 2.25 0.00	33.45 2.27 0.00	38.00 2.43 0.00	43.17 2.59 0.00	44.39 2.58 0.00	41.05 2.42 0.00	35.99 2.17 0.00	30.55 1.65 0.00	28.00 1.56 0.00	27.84 1.57 0.00	27.26 1.49 0.00
GOLAH___69_KV_TB 1_2 80279	29.12 -0.85 0.00	26.59 -0.72 0.00	25.59 -0.69 0.04	20.51 -0.64 2.98	20.96 -0.68 0.04	24.30 -0.63 0.87	26.51 -0.74 0.00	22.22 -0.77 0.95	23.32 -0.72 0.03	25.57 -0.54 0.00	29.23 -0.63 0.00	33.03 -0.62 0.00	28.40 -0.54 0.00	32.16 -0.83 0.00	29.59 -0.94 0.65	34.41 -1.16 0.00	39.34 -1.24 0.00	40.18 -0.93 0.70	37.83 -0.80 0.00	33.11 -0.71 0.00	28.41 -0.49 0.00	26.15 -0.30 0.00	25.77 -0.50 0.00	25.37 -0.40 0.00



GOODYEAR_LAKE_HYD 323669	30.87 0.91 0.00	28.07 0.75 0.00	27.08 0.76 0.00	24.82 0.69 0.00	22.28 0.60 0.00	26.51 0.70 0.00	28.01 0.76 0.00	24.70 0.75 0.00	24.85 0.78 0.00	27.01 0.90 0.00	30.92 1.06 0.00	34.90 1.26 0.00	30.11 1.18 0.00	34.26 1.27 0.00	32.44 1.26 0.00	36.98 1.41 0.00	42.28 1.70 0.00	43.59 1.78 0.00	40.32 1.70 0.00	35.28 1.46 0.00	30.11 1.21 0.00	27.51 1.07 0.00	27.26 1.00 0.00	26.71 0.94 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	29.86 -0.11 0.00	27.15 -0.16 0.00	26.16 -0.15 0.01	23.18 -0.13 0.82	21.56 -0.11 0.01	25.42 -0.14 0.24	27.12 -0.14 0.00	23.66 -0.04 0.25	24.01 -0.05 0.01	26.08 -0.03 0.00	29.84 -0.01 0.00	33.73 0.09 0.00	29.05 0.12 0.00	33.06 0.08 0.00	31.02 0.02 0.18	35.59 0.02 0.00	40.65 0.07 0.00	41.68 0.06 0.19	38.78 0.15 0.00	33.96 0.14 0.00	29.04 0.13 0.00	26.59 0.14 0.00	26.36 0.10 0.00	25.87 0.09 0.00
GOUDEY___7 23579	29.88 -0.09 0.00	27.17 -0.14 0.00	26.18 -0.13 0.01	23.19 -0.12 0.82	21.58 -0.09 0.01	25.44 -0.13 0.24	27.13 -0.12 0.00	23.68 -0.02 0.25	24.04 -0.03 0.01	26.11 0.00 0.00	29.87 0.02 0.00	33.77 0.12 0.00	29.08 0.15 0.00	33.10 0.11 0.00	31.05 0.05 0.18	35.63 0.06 0.00	40.69 0.11 0.00	41.73 0.12 0.19	38.82 0.19 0.00	34.00 0.18 0.00	29.07 0.16 0.00	26.61 0.17 0.00	26.39 0.12 0.00	25.90 0.12 0.00
GOUDEY___8 23580	29.86 -0.11 0.00	27.15 -0.16 0.00	26.16 -0.15 0.01	23.18 -0.13 0.82	21.56 -0.11 0.01	25.42 -0.14 0.24	27.12 -0.14 0.00	23.66 -0.04 0.25	24.01 -0.05 0.01	26.08 -0.03 0.00	29.84 -0.01 0.00	33.73 0.09 0.00	29.05 0.12 0.00	33.06 0.08 0.00	31.02 0.02 0.18	35.59 0.02 0.00	40.65 0.07 0.00	41.68 0.06 0.19	38.78 0.15 0.00	33.96 0.14 0.00	29.04 0.13 0.00	26.59 0.14 0.00	26.36 0.10 0.00	25.87 0.09 0.00
GOWANUS_GT1_1 24077	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_2 24078	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_3 24079	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_4 24080	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_5 24084	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_6 24111	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_7 24112	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT1_8 24113	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT2_1 24114	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT2_2 24115	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT2_3 24116	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00



GOWANUS_GT2_4 24117	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT2_5 24118	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT2_6 24119	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT2_7 24120	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT2_8 24121	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_1 24122	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_2 24123	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_3 24124	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_4 24125	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_5 24126	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_6 24127	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_7 24128	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT3_8 24129	31.71 <u>1.74</u> 0.00	28.78 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.30 <u>1.17</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.29 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.92 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.67 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.30 <u>2.72</u> 0.00	44.60 <u>2.79</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.06 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT4_1 24130	31.70 <u>1.73</u> 0.00	28.79 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.29 <u>1.16</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.30 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.93 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.66 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.31 <u>2.73</u> 0.00	44.61 <u>2.80</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.07 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00
GOWANUS_GT4_2 24131	31.70 <u>1.73</u> 0.00	28.79 <u>1.47</u> 0.00	27.57 <u>1.25</u> 0.00	25.29 <u>1.16</u> 0.00	22.75 <u>1.07</u> 0.00	26.88 <u>1.08</u> 0.00	28.49 <u>1.23</u> 0.00	25.30 <u>1.35</u> 0.00	25.56 <u>1.48</u> 0.00	27.72 <u>1.61</u> 0.00	31.82 <u>1.97</u> 0.00	35.93 <u>2.28</u> 0.00	31.16 <u>2.22</u> 0.00	35.45 <u>2.46</u> 0.00	33.66 <u>2.48</u> -0.01	38.18 <u>2.61</u> 0.00	43.31 <u>2.73</u> 0.00	44.61 <u>2.80</u> 0.00	41.29 <u>2.67</u> 0.00	36.23 <u>2.41</u> -0.01	39.03 <u>1.85</u> -8.27	29.20 <u>1.77</u> -0.99	28.07 <u>1.80</u> 0.00	27.45 <u>1.67</u> 0.00



GOWANUS_GT4_3 24132	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT4_4 24133	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT4_5 24134	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT4_6 24135	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT4_7 24136	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GOWANUS_GT4_8 24137	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GREENBSH_115KV_TB3 55895	30.22 0.26 0.00	27.54 0.23 0.00	26.50 0.17 0.00	24.35 0.22 0.00	21.95 0.27 0.00	25.97 0.17 0.00	27.43 0.17 0.00	24.31 0.36 0.00	24.43 0.36 0.00	26.40 0.29 0.00	30.21 0.36 0.00	34.08 0.43 0.00	29.36 0.43 0.00	33.40 0.42 0.00	31.64 0.46 0.00	35.96 0.39 0.00	41.00 0.42 0.00	42.23 0.42 0.00	38.99 0.36 0.00	34.19 0.37 0.00	29.25 0.34 0.00	26.75 0.30 0.00	26.60 0.34 0.00	26.06 0.29 0.00
GREENIDGE_115KV_TB5 80291	29.07 -0.89 0.01	26.49 -0.82 0.00	25.30 -0.83 0.20	10.22 -0.76 13.16	20.79 -0.72 0.17	21.13 -0.81 3.86	26.50 -0.76 0.00	19.35 -0.59 4.01	23.38 -0.57 0.12	25.60 -0.51 0.00	29.24 -0.61 0.00	33.06 -0.58 0.00	28.51 -0.42 0.00	32.48 -0.51 0.00	27.58 -0.73 2.87	34.81 -0.76 0.00	39.77 -0.81 0.00	37.84 -0.86 3.12	38.11 -0.51 0.00	33.51 -0.32 0.00	28.75 -0.16 0.00	26.34 -0.10 0.00	26.02 -0.25 0.00	25.54 -0.23 0.00
GREENIDGE___3 23582	29.07 -0.89 0.01	26.49 -0.82 0.00	25.30 -0.83 0.20	10.22 -0.76 13.16	20.79 -0.72 0.17	21.13 -0.81 3.86	26.50 -0.76 0.00	19.35 -0.59 4.01	23.38 -0.57 0.12	25.60 -0.51 0.00	29.24 -0.61 0.00	33.06 -0.58 0.00	28.51 -0.42 0.00	32.48 -0.51 0.00	27.58 -0.73 2.87	34.81 -0.76 0.00	39.77 -0.81 0.00	37.84 -0.86 3.12	38.11 -0.51 0.00	33.51 -0.32 0.00	28.75 -0.16 0.00	26.34 -0.10 0.00	26.02 -0.25 0.00	25.54 -0.23 0.00
GREENIDGE___4 23583	29.06 -0.90 0.01	26.49 -0.82 0.00	25.30 -0.83 0.20	10.19 -0.78 13.16	20.79 -0.72 0.17	21.13 -0.81 3.86	26.50 -0.76 0.00	19.35 -0.59 4.01	23.38 -0.57 0.12	25.60 -0.51 0.00	29.25 -0.61 0.00	33.06 -0.58 0.00	28.51 -0.42 0.00	32.47 -0.52 0.00	27.58 -0.73 2.87	34.81 -0.76 0.00	39.77 -0.81 0.00	37.84 -0.85 3.12	38.11 -0.51 0.00	33.50 -0.32 0.00	28.75 -0.16 0.00	26.35 -0.10 0.00	26.02 -0.25 0.00	25.54 -0.24 0.00
GREENLWN_69_KV_BK 3 55738	31.84 1.88 0.00	28.87 1.56 0.00	27.67 1.34 0.00	25.34 1.21 0.00	22.77 1.09 0.00	26.86 1.06 0.00	28.53 1.28 0.00	25.35 1.40 0.00	25.55 1.48 0.00	27.76 1.64 0.00	33.99 2.22 -1.91	36.22 2.29 -0.29	34.81 2.46 -3.41	35.71 2.49 -0.23	34.04 2.47 -0.39	37.68 2.11 0.00	42.79 2.21 0.00	44.07 2.26 0.00	40.69 2.07 0.00	35.67 1.85 0.00	30.31 1.40 0.00	27.97 1.53 0.00	28.35 1.79 -0.29	27.57 1.79 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00
GRISSOM___SOLAR 323813	32.92 2.95 0.00	29.97 2.66 0.00	28.84 2.52 0.00	26.39 2.26 0.00	23.67 1.99 0.00	28.19 2.39 0.00	29.82 2.57 0.00	26.20 2.25 0.00	26.43 2.36 0.00	28.64 2.53 0.00	32.51 2.65 0.00	35.82 2.18 0.00	30.41 1.47 0.00	34.23 1.25 0.00	32.79 1.61 0.00	36.90 1.33 0.00	44.32 3.74 0.00	46.22 4.41 0.00	43.13 4.51 0.00	37.79 3.96 0.00	32.29 3.38 0.00	29.44 3.00 0.00	29.11 2.85 0.00	28.41 2.63 0.00
GROVEVILLE___HYD 323602	31.52 1.55 0.00	28.63 1.32 0.00	27.46 1.14 0.00	25.19 1.05 0.00	22.67 0.99 0.00	26.81 1.01 0.00	28.38 1.12 0.00	25.18 1.23 0.00	25.42 1.35 0.00	27.57 1.46 0.00	31.65 1.79 0.00	35.74 2.10 0.00	30.93 2.00 0.00	35.16 2.17 0.00	33.38 2.20 0.00	37.93 2.36 0.00	43.21 2.63 0.00	44.53 2.73 0.00	41.15 2.53 0.00	36.04 2.22 0.00	30.66 1.75 0.00	28.07 1.63 0.00	27.88 1.62 0.00	27.29 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.75 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00



HAMLTNNY_34_KV_TB 80303	29.82 -0.14 0.00	27.19 -0.13 0.00	26.22 -0.10 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.71 -0.09 0.00	27.14 -0.11 0.00	23.92 -0.03 0.00	24.02 -0.05 0.00	26.03 -0.08 0.00	29.78 -0.07 0.00	33.63 -0.02 0.00	28.98 0.04 0.00	32.94 -0.05 0.00	31.11 -0.07 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.96 0.15 0.00	38.72 0.09 0.00	33.90 0.08 0.00	29.01 0.10 0.00	26.52 0.07 0.00	26.26 0.00 0.00	25.77 -0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	29.34 -0.63 0.00	26.73 -0.59 0.00	25.75 -0.58 0.00	23.53 -0.60 0.00	21.08 -0.60 0.00	25.27 -0.53 0.00	26.67 -0.59 0.00	23.35 -0.60 0.00	23.59 -0.49 0.00	25.70 -0.41 0.00	29.17 -0.69 0.00	32.91 -0.74 0.00	28.05 -0.88 0.00	32.09 -0.90 0.00	30.44 -0.74 0.00	34.91 -0.66 0.00	40.29 -0.30 0.00	41.96 0.15 0.00	38.42 -0.21 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.27 -0.18 0.00	26.07 -0.20 0.00	25.60 -0.17 0.00
HARDSCRABBLE_WT_PWR 323673	29.90 -0.06 0.00	27.16 -0.16 0.00	26.12 -0.21 0.00	24.02 -0.11 0.00	21.64 -0.04 0.00	25.58 -0.23 0.00	26.98 -0.28 0.00	23.94 -0.01 0.00	24.13 0.06 0.00	26.06 -0.05 0.00	29.72 -0.13 0.00	33.50 -0.14 0.00	28.87 -0.06 0.00	32.76 -0.23 0.00	31.00 -0.18 0.00	35.37 -0.19 0.00	40.60 0.02 0.00	41.71 -0.10 0.00	38.51 -0.11 0.00	33.82 0.00 0.00	28.87 -0.03 0.00	26.40 -0.05 0.00	26.28 0.02 0.00	25.75 -0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.35 1.39 0.00	28.47 1.15 0.00	27.31 0.98 0.00	25.04 0.90 0.00	22.52 0.84 0.00	26.65 0.85 0.00	28.21 0.95 0.00	25.03 1.08 0.00	25.27 1.20 0.00	27.40 1.29 0.00	31.46 1.61 0.00	35.57 1.92 0.00	30.81 1.87 0.00	35.04 2.06 0.00	33.27 2.09 0.00	37.84 2.28 0.00	43.17 2.59 0.00	44.44 2.63 0.00	41.04 2.42 0.00	35.93 2.11 0.00	30.55 1.65 0.00	27.96 1.52 0.00	27.77 1.50 0.00	27.17 1.39 0.00
HARSNRAD_115KV_TB1 81005	27.80 -2.17 0.00	25.46 -1.85 0.00	24.51 -1.75 0.07	18.11 -1.56 4.46	20.03 -1.59 0.06	22.89 -1.60 1.31	25.45 -1.81 0.00	20.77 -1.79 1.39	22.36 -1.67 0.04	24.63 -1.48 0.00	28.08 -1.77 0.00	31.86 -1.78 0.00	27.36 -1.58 0.00	30.75 -2.24 0.00	27.74 -2.48 0.96	32.61 -2.95 0.00	37.27 -3.31 0.00	37.71 -3.06 1.04	35.86 -2.77 0.00	31.37 -2.45 0.00	27.03 -1.88 0.00	25.03 -1.42 0.00	24.64 -1.63 0.00	24.40 -1.38 0.00
HARZA MOOSE___RIVER 24016	29.86 -0.11 0.00	27.14 -0.17 0.00	26.13 -0.20 0.00	23.94 -0.19 0.00	21.51 -0.17 0.00	25.68 -0.12 0.00	27.09 -0.16 0.00	23.86 -0.08 0.00	24.10 0.03 0.00	26.19 0.08 0.00	29.84 -0.01 0.00	33.77 0.12 0.00	28.85 -0.08 0.00	32.91 -0.08 0.00	31.24 0.06 0.00	35.75 0.18 0.00	41.12 0.54 0.00	42.78 0.97 0.00	39.22 0.60 0.00	34.26 0.44 0.00	29.34 0.43 0.00	26.81 0.36 0.00	26.63 0.37 0.00	26.15 0.37 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.65 -0.32 0.00	27.01 -0.31 0.00	26.06 -0.26 0.00	23.90 -0.23 0.00	21.48 -0.20 0.00	25.56 -0.25 0.00	27.00 -0.26 0.00	23.75 -0.19 0.00	23.84 -0.23 0.00	25.84 -0.27 0.00	29.56 -0.29 0.00	33.40 -0.25 0.00	28.75 -0.18 0.00	32.73 -0.26 0.00	30.94 -0.24 0.00	35.28 -0.29 0.00	40.30 -0.28 0.00	41.60 -0.21 0.00	38.45 -0.17 0.00	33.65 -0.17 0.00	28.76 -0.15 0.00	26.31 -0.13 0.00	26.07 -0.19 0.00	25.58 -0.20 0.00
HELLGATE_13_KV_LD 55870	31.61 1.64 0.00	28.69 1.38 0.00	27.49 1.16 0.00	25.23 1.09 0.00	22.70 1.02 0.00	26.81 1.01 0.00	28.40 1.15 0.00	25.23 1.28 0.00	25.48 1.41 0.00	27.63 1.52 0.00	31.74 1.89 0.00	35.83 2.19 0.00	31.08 2.14 0.00	35.34 2.35 0.00	33.56 2.38 0.00	38.07 2.51 0.00	43.22 2.64 0.00	44.47 2.66 0.00	41.14 2.51 0.00	36.09 2.26 0.00	30.64 1.73 0.00	28.11 1.66 0.00	27.96 1.69 0.00	27.35 1.57 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.61 1.64 0.00	28.69 1.38 0.00	27.49 1.16 0.00	25.23 1.09 0.00	22.70 1.02 0.00	26.81 1.01 0.00	28.40 1.15 0.00	25.23 1.28 0.00	25.48 1.41 0.00	27.63 1.52 0.00	31.74 1.89 0.00	35.83 2.19 0.00	31.08 2.14 0.00	35.34 2.35 0.00	33.56 2.38 0.00	38.07 2.51 0.00	43.22 2.64 0.00	44.47 2.66 0.00	41.14 2.51 0.00	36.09 2.26 0.00	30.64 1.73 0.00	28.11 1.66 0.00	27.96 1.69 0.00	27.35 1.57 0.00
HEMPSTEAD____ 23647	31.79 1.82 0.00	28.81 1.50 0.00	27.61 1.29 0.00	25.30 1.16 0.00	22.73 1.05 0.00	26.83 1.03 0.00	28.50 1.24 0.00	25.31 1.37 0.00	25.54 1.47 0.00	27.75 1.64 0.00	33.89 2.13 -1.91	36.24 2.31 -0.29	34.74 2.40 -3.41	35.73 2.52 -0.23	34.08 2.51 -0.39	38.00 2.43 0.00	43.24 2.66 0.00	44.52 2.71 0.00	41.09 2.47 0.00	36.04 2.22 0.00	30.62 1.71 0.00	28.16 1.71 0.00	28.40 1.84 -0.29	27.54 1.76 0.00
HEWLETT_69_KV_BK3 55828	32.08 2.11 0.00	29.09 1.77 0.00	27.87 1.55 0.00	25.52 1.39 0.00	22.93 1.25 0.00	27.09 1.28 0.00	28.73 1.47 0.00	25.52 1.57 0.00	25.76 1.69 0.00	27.97 1.86 0.00	34.15 2.38 -1.91	36.55 2.62 -0.29	34.99 2.64 -3.41	36.03 2.82 -0.23	34.39 2.82 -0.39	38.37 2.80 0.00	43.67 3.09 0.00	44.98 3.17 0.00	41.54 2.92 0.00	36.42 2.60 0.00	30.94 2.03 0.00	28.47 2.02 0.00	28.68 2.12 -0.29	27.81 2.03 0.00
HICKLING___1 23621	28.38 -1.58 0.01	25.83 -1.48 0.00	24.63 -1.50 0.20	9.78 -1.35 13.00	20.28 -1.23 0.17	20.53 -1.46 3.81	25.87 -1.38 0.00	18.85 -1.13 3.96	22.85 -1.10 0.12	25.08 -1.03 0.00	28.59 -1.27 0.00	32.51 -1.13 0.00	28.03 -0.90 0.00	31.95 -1.04 0.00	27.10 -1.25 2.84	34.23 -1.33 0.00	39.11 -1.47 0.00	37.12 -1.61 3.08	37.43 -1.19 0.00	32.83 -1.00 0.00	28.21 -0.70 0.00	25.86 -0.59 0.00	25.59 -0.67 0.00	25.13 -0.64 0.00
HICKLING___2 23622	28.38 -1.58 0.01	25.83 -1.48 0.00	24.63 -1.50 0.20	9.78 -1.35 13.00	20.28 -1.23 0.17	20.53 -1.46 3.81	25.87 -1.38 0.00	18.85 -1.13 3.96	22.85 -1.10 0.12	25.08 -1.03 0.00	28.59 -1.27 0.00	32.51 -1.13 0.00	28.03 -0.90 0.00	31.95 -1.04 0.00	27.10 -1.25 2.84	34.23 -1.33 0.00	39.11 -1.47 0.00	37.12 -1.61 3.08	37.43 -1.19 0.00	32.83 -1.00 0.00	28.21 -0.70 0.00	25.86 -0.59 0.00	25.59 -0.67 0.00	25.13 -0.64 0.00
HIGH FALLS___HY 23754	31.29 1.32 0.00	28.38 1.07 0.00	27.22 0.90 0.00	24.94 0.81 0.00	22.42 0.74 0.00	26.53 0.72 0.00	28.09 0.84 0.00	24.92 0.98 0.00	25.19 1.12 0.00	27.37 1.26 0.00	31.44 1.59 0.00	35.52 1.87 0.00	30.81 1.88 0.00	34.97 1.99 0.00	33.19 2.00 0.00	37.78 2.21 0.00	43.07 2.49 0.00	44.43 2.62 0.00	41.05 2.43 0.00	35.93 2.11 0.00	30.51 1.60 0.00	27.92 1.48 0.00	27.72 1.45 0.00	27.12 1.34 0.00
HIGH_RIVER___SOLAR 323847	31.03 1.06 0.00	28.27 0.95 0.00	27.22 0.89 0.00	24.95 0.81 0.00	22.44 0.75 0.00	26.65 0.84 0.00	28.16 0.90 0.00	24.79 0.85 0.00	24.93 0.86 0.00	26.97 0.87 0.00	30.80 0.94 0.00	34.59 0.95 0.00	29.67 0.73 0.00	33.76 0.77 0.00	31.89 0.71 0.00	36.40 0.84 0.00	41.78 1.20 0.00	43.18 1.37 0.00	40.04 1.42 0.00	35.17 1.35 0.00	30.08 1.17 0.00	27.51 1.07 0.00	27.30 1.04 0.00	26.76 0.98 0.00



HILLBURN___GT 23639	31.31 1.35 0.00	28.43 1.11 0.00	27.24 0.92 0.00	25.00 0.86 0.00	22.49 0.80 0.00	26.58 0.78 0.00	28.14 0.88 0.00	24.98 1.03 0.00	25.23 1.15 0.00	27.35 1.24 0.00	31.41 1.56 0.00	35.51 1.86 0.00	30.79 1.85 0.00	35.01 2.03 0.00	33.24 2.06 0.00	37.77 2.20 0.00	43.04 2.46 0.00	44.31 2.50 0.00	40.93 2.30 0.00	35.83 2.01 0.00	30.47 1.56 0.00	27.90 1.46 0.00	27.72 1.45 0.00	27.14 1.36 0.00
HILLSIDE_115KV_TB1 80332	28.13 -1.83 0.01	25.55 -1.76 0.00	24.34 -1.80 0.19	10.13 -1.64 12.37	20.09 -1.43 0.16	20.46 -1.72 3.63	25.54 -1.72 0.00	18.76 -1.41 3.77	22.54 -1.42 0.11	24.70 -1.41 0.00	28.16 -1.70 0.00	32.02 -1.62 0.00	27.58 -1.36 0.00	31.47 -1.52 0.00	26.79 -1.69 2.70	33.76 -1.81 0.00	38.51 -2.07 0.00	36.58 -2.29 2.93	36.79 -1.83 0.00	32.27 -1.56 0.00	27.72 -1.20 0.00	25.40 -1.05 0.00	25.18 -1.08 0.00	24.72 -1.05 0.00
HISHELDN_WT_PWR 323625	27.64 -2.32 0.00	25.31 -2.00 0.00	24.33 -1.90 0.09	16.13 -1.77 6.23	19.88 -1.71 0.08	22.19 -1.79 1.83	25.42 -1.84 0.00	20.33 -1.70 1.92	22.44 -1.57 0.06	24.70 -1.41 0.00	28.22 -1.64 0.00	32.04 -1.61 0.00	27.54 -1.39 0.00	31.05 -1.94 0.00	27.69 -2.14 1.36	33.09 -2.48 0.00	37.83 -2.75 0.00	37.74 -2.59 1.48	36.26 -2.37 0.00	31.74 -2.08 0.00	27.31 -1.60 0.00	25.22 -1.23 0.00	24.92 -1.34 0.00	24.66 -1.12 0.00
HOLTSVILLE_IC_1 23690	31.78 1.81 0.00	28.79 1.48 0.00	27.61 1.28 0.00	25.28 1.15 0.00	22.70 1.02 0.00	26.78 0.97 0.00	28.51 1.25 0.00	25.34 1.39 0.00	25.55 1.48 0.00	27.78 1.67 0.00	33.93 2.17 -1.91	36.23 2.30 -0.29	34.82 2.47 -3.41	35.75 2.54 -0.23	34.10 2.53 -0.39	37.82 2.26 0.00	42.96 2.38 0.00	44.20 2.40 0.00	40.82 2.20 0.00	35.85 2.02 0.00	30.44 1.53 0.00	28.02 1.57 0.00	28.33 1.77 -0.29	27.49 1.71 0.00
HOLTSVILLE_IC_10 23699	31.94 1.97 0.00	28.93 1.61 0.00	27.73 1.40 0.00	25.39 1.26 0.00	22.79 1.11 0.00	26.88 1.08 0.00	28.64 1.38 0.00	25.46 1.51 0.00	25.67 1.60 0.00	27.93 1.83 0.00	34.11 2.35 -1.91	36.46 2.53 -0.29	35.02 2.67 -3.41	35.97 2.76 -0.23	34.32 2.76 -0.39	38.07 2.51 0.00	43.25 2.67 0.00	44.51 2.71 0.00	41.12 2.49 0.00	36.10 2.28 0.00	30.64 1.73 0.00	28.20 1.75 0.00	28.50 1.95 -0.29	27.63 1.86 0.00
HOLTSVILLE_IC_2 23691	31.78 1.81 0.00	28.79 1.48 0.00	27.61 1.28 0.00	25.28 1.15 0.00	22.70 1.02 0.00	26.78 0.97 0.00	28.51 1.25 0.00	25.34 1.39 0.00	25.55 1.48 0.00	27.78 1.67 0.00	33.93 2.17 -1.91	36.23 2.30 -0.29	34.82 2.47 -3.41	35.75 2.54 -0.23	34.10 2.53 -0.39	37.82 2.26 0.00	42.96 2.38 0.00	44.20 2.40 0.00	40.82 2.20 0.00	35.85 2.02 0.00	30.44 1.53 0.00	28.02 1.57 0.00	28.33 1.77 -0.29	27.49 1.71 0.00
HOLTSVILLE_IC_3 23692	31.78 1.81 0.00	28.79 1.48 0.00	27.61 1.28 0.00	25.28 1.15 0.00	22.70 1.02 0.00	26.78 0.97 0.00	28.51 1.25 0.00	25.34 1.39 0.00	25.55 1.48 0.00	27.78 1.67 0.00	33.93 2.17 -1.91	36.23 2.30 -0.29	34.82 2.47 -3.41	35.75 2.54 -0.23	34.10 2.53 -0.39	37.82 2.26 0.00	42.96 2.38 0.00	44.20 2.40 0.00	40.82 2.20 0.00	35.85 2.02 0.00	30.44 1.53 0.00	28.02 1.57 0.00	28.33 1.77 -0.29	27.49 1.71 0.00
HOLTSVILLE_IC_4 23693	31.78 1.81 0.00	28.79 1.48 0.00	27.61 1.28 0.00	25.28 1.15 0.00	22.70 1.02 0.00	26.78 0.97 0.00	28.51 1.25 0.00	25.34 1.39 0.00	25.55 1.48 0.00	27.78 1.67 0.00	33.93 2.17 -1.91	36.23 2.30 -0.29	34.82 2.47 -3.41	35.75 2.54 -0.23	34.10 2.53 -0.39	37.82 2.26 0.00	42.96 2.38 0.00	44.20 2.40 0.00	40.82 2.20 0.00	35.85 2.02 0.00	30.44 1.53 0.00	28.02 1.57 0.00	28.33 1.77 -0.29	27.49 1.71 0.00
HOLTSVILLE_IC_5 23694	31.78 1.81 0.00	28.79 1.48 0.00	27.61 1.28 0.00	25.28 1.15 0.00	22.70 1.02 0.00	26.78 0.97 0.00	28.51 1.25 0.00	25.34 1.39 0.00	25.55 1.48 0.00	27.78 1.67 0.00	33.93 2.17 -1.91	36.23 2.30 -0.29	34.82 2.47 -3.41	35.75 2.54 -0.23	34.10 2.53 -0.39	37.82 2.26 0.00	42.96 2.38 0.00	44.20 2.40 0.00	40.82 2.20 0.00	35.85 2.02 0.00	30.44 1.53 0.00	28.02 1.57 0.00	28.33 1.77 -0.29	27.49 1.71 0.00
HOLTSVILLE_IC_6 23695	31.94 1.97 0.00	28.93 1.61 0.00	27.73 1.40 0.00	25.39 1.26 0.00	22.79 1.11 0.00	26.88 1.08 0.00	28.64 1.38 0.00	25.46 1.51 0.00	25.67 1.60 0.00	27.93 1.83 0.00	34.11 2.35 -1.91	36.46 2.53 -0.29	35.02 2.67 -3.41	35.97 2.76 -0.23	34.32 2.76 -0.39	38.07 2.51 0.00	43.25 2.67 0.00	44.51 2.71 0.00	41.12 2.49 0.00	36.10 2.28 0.00	30.64 1.73 0.00	28.20 1.75 0.00	28.50 1.95 -0.29	27.63 1.86 0.00
HOLTSVILLE_IC_7 23696	31.94 1.97 0.00	28.93 1.61 0.00	27.73 1.40 0.00	25.39 1.26 0.00	22.79 1.11 0.00	26.88 1.08 0.00	28.64 1.38 0.00	25.46 1.51 0.00	25.67 1.60 0.00	27.93 1.83 0.00	34.11 2.35 -1.91	36.46 2.53 -0.29	35.02 2.67 -3.41	35.97 2.76 -0.23	34.32 2.76 -0.39	38.07 2.51 0.00	43.25 2.67 0.00	44.51 2.71 0.00	41.12 2.49 0.00	36.10 2.28 0.00	30.64 1.73 0.00	28.20 1.75 0.00	28.50 1.95 -0.29	27.63 1.86 0.00
HOLTSVILLE_IC_8 23697	31.94 1.97 0.00	28.93 1.61 0.00	27.73 1.40 0.00	25.39 1.26 0.00	22.79 1.11 0.00	26.88 1.08 0.00	28.64 1.38 0.00	25.46 1.51 0.00	25.67 1.60 0.00	27.93 1.83 0.00	34.11 2.35 -1.91	36.46 2.53 -0.29	35.02 2.67 -3.41	35.97 2.76 -0.23	34.32 2.76 -0.39	38.07 2.51 0.00	43.25 2.67 0.00	44.51 2.71 0.00	41.12 2.49 0.00	36.10 2.28 0.00	30.64 1.73 0.00	28.20 1.75 0.00	28.50 1.95 -0.29	27.63 1.86 0.00
HOLTSVILLE_IC_9 23698	31.94 1.97 0.00	28.93 1.61 0.00	27.73 1.40 0.00	25.39 1.26 0.00	22.79 1.11 0.00	26.88 1.08 0.00	28.64 1.38 0.00	25.46 1.51 0.00	25.67 1.60 0.00	27.93 1.83 0.00	34.11 2.35 -1.91	36.46 2.53 -0.29	35.02 2.67 -3.41	35.97 2.76 -0.23	34.32 2.76 -0.39	38.07 2.51 0.00	43.25 2.67 0.00	44.51 2.71 0.00	41.12 2.49 0.00	36.10 2.28 0.00	30.64 1.73 0.00	28.20 1.75 0.00	28.50 1.95 -0.29	27.63 1.86 0.00
HOMER_HL_115KV_TB2 355744	28.56 -1.40 0.00	26.11 -1.20 0.00	24.95 -1.26 0.11	15.88 -1.09 7.16	20.52 -1.07 0.09	22.65 -1.05 2.10	26.04 -1.22 0.00	20.66 -1.09 2.20	22.99 -1.02 0.07	25.25 -0.86 0.00	28.75 -1.10 0.00	32.55 -1.09 0.00	28.00 -0.93 0.00	31.61 -1.38 0.00	27.99 -1.64 1.56	33.73 -1.84 0.00	38.44 -2.14 0.00	38.09 -2.03 1.69	36.74 -1.89 0.00	32.32 -1.51 0.00	27.74 -1.17 0.00	25.69 -0.76 0.00	25.41 -0.85 0.00	25.08 -0.69 0.00
HOWARD_WT_PWR 323690	27.98 -1.97 0.01	26.04 -1.27 0.00	24.53 -1.56 0.23	7.18 -1.71 15.24	20.09 -1.39 0.20	19.56 -1.77 4.47	25.87 -1.39 0.00	18.49 -0.81 4.64	23.17 -0.77 0.14	25.63 -0.48 0.00	29.23 -0.63 0.00	33.10 -0.54 0.00	28.60 -0.34 0.00	32.54 -0.45 0.00	26.92 -0.94 3.32	34.59 -0.98 0.00	39.60 -0.98 0.00	37.20 -1.00 3.61	38.19 -0.44 0.00	33.81 -0.02 0.00	28.85 -0.06 0.00	26.57 0.12 0.00	26.09 -0.17 0.00	25.67 -0.11 0.00



HQ_GEN_CEDARS 23644	29.99 0.02 0.00	27.40 0.08 0.00	26.42 0.09 0.00	24.13 0.00 0.00	21.59 -0.09 0.00	25.88 0.07 0.00	27.34 0.08 0.00	23.80 -0.15 0.00	23.95 -0.12 0.00	26.12 0.02 0.00	29.78 -0.08 0.00	33.46 -0.19 0.00	28.63 -0.30 0.00	32.72 -0.27 0.00	30.93 -0.25 0.00	35.42 -0.15 0.00	40.53 -0.05 0.00	41.88 0.07 0.00	38.66 0.03 0.00	33.79 -0.03 0.00	28.94 0.03 0.00	26.43 -0.02 0.00	26.23 -0.03 0.00	25.77 0.00 0.00
HQ_GEN_CEDARS_PROXY 323590	29.99 0.02 0.00	27.40 0.08 0.00	26.42 0.09 0.00	24.13 0.00 0.00	21.59 -0.09 0.00	25.88 0.07 0.00	27.34 0.08 0.00	23.62 -0.15 0.18	23.95 -0.12 0.00	26.12 0.02 0.00	29.78 -0.08 0.00	33.46 -0.19 0.00	28.63 -0.30 0.00	32.72 -0.26 0.00	30.93 -0.25 0.00	35.42 -0.15 0.00	40.53 -0.05 0.00	41.88 0.07 0.00	38.66 0.03 0.00	33.79 -0.03 0.00	28.94 0.03 0.00	26.43 -0.02 0.00	26.23 -0.03 0.00	25.77 0.00 0.00
HQ_GEN_IMPORT 323601	29.92 -0.05 0.00	27.31 0.00 0.00	26.33 0.01 0.00	24.10 -0.03 0.00	21.60 -0.08 0.00	25.83 0.02 0.00	27.28 0.02 0.00	23.80 -0.15 0.00	23.94 -0.14 0.00	26.04 -0.07 0.00	29.73 -0.12 0.00	33.43 -0.21 0.00	28.65 -0.28 0.00	32.76 -0.22 0.00	30.93 -0.25 0.00	35.39 -0.18 0.00	40.39 -0.19 0.00	40.90 -0.23 0.68	38.40 -0.22 0.00	33.60 -0.23 0.00	28.74 -0.17 0.00	26.27 -0.17 0.00	26.11 -0.16 0.00	25.65 -0.13 0.00
HQ_GEN_WHEEL 23651	29.92 -0.05 0.00	27.31 0.00 0.00	26.33 0.01 0.00	24.10 -0.03 0.00	21.60 -0.08 0.00	25.83 0.02 0.00	27.28 0.02 0.00	23.80 -0.15 0.00	23.94 -0.14 0.00	26.04 -0.07 0.00	29.73 -0.12 0.00	33.43 -0.21 0.00	28.65 -0.28 0.00	32.76 -0.22 0.00	30.93 -0.25 0.00	35.39 -0.18 0.00	40.39 -0.19 0.00	40.90 -0.23 0.68	38.40 -0.22 0.00	33.60 -0.23 0.00	28.74 -0.17 0.00	26.27 -0.17 0.00	26.11 -0.16 0.00	25.65 -0.13 0.00
HUDSON AVE_GT_3 23810	31.66 1.69 0.00	28.74 1.43 0.00	27.52 1.20 0.00	25.25 1.12 0.00	22.73 1.05 0.00	26.84 1.04 0.00	28.43 1.18 0.00	25.27 1.32 0.00	25.51 1.44 0.00	27.67 1.56 0.00	31.81 1.95 0.00	35.91 2.27 0.00	31.15 2.21 0.00	35.43 2.44 0.00	33.63 2.46 0.00	38.18 2.61 0.00	43.38 2.80 0.00	44.62 2.82 0.00	41.26 2.64 0.00	36.18 2.36 0.00	30.71 1.80 0.00	28.15 1.71 0.00	27.99 1.73 0.00	27.41 1.63 0.00
HUDSON AVE_GT_4 23540	31.66 1.69 0.00	28.74 1.43 0.00	27.52 1.20 0.00	25.25 1.12 0.00	22.73 1.05 0.00	26.84 1.04 0.00	28.43 1.18 0.00	25.27 1.32 0.00	25.51 1.44 0.00	27.67 1.56 0.00	31.81 1.95 0.00	35.91 2.27 0.00	31.15 2.21 0.00	35.43 2.44 0.00	33.63 2.46 0.00	38.18 2.61 0.00	43.38 2.80 0.00	44.62 2.82 0.00	41.26 2.64 0.00	36.18 2.36 0.00	30.71 1.80 0.00	28.15 1.71 0.00	27.99 1.73 0.00	27.41 1.63 0.00
HUDSON AVE_GT_5 23657	31.66 1.69 0.00	28.74 1.43 0.00	27.52 1.20 0.00	25.25 1.12 0.00	22.73 1.05 0.00	26.84 1.04 0.00	28.43 1.18 0.00	25.27 1.32 0.00	25.51 1.44 0.00	27.67 1.56 0.00	31.81 1.95 0.00	35.91 2.27 0.00	31.15 2.21 0.00	35.43 2.44 0.00	33.63 2.46 0.00	38.18 2.61 0.00	43.38 2.80 0.00	44.62 2.82 0.00	41.26 2.64 0.00	36.18 2.36 0.00	30.71 1.80 0.00	28.15 1.71 0.00	27.99 1.73 0.00	27.41 1.63 0.00
HUDSON_AVE_10 24168	31.56 1.60 0.00	28.66 1.35 0.00	27.44 1.11 0.00	25.18 1.04 0.00	22.67 0.98 0.00	26.76 0.96 0.00	28.35 1.09 0.00	25.19 1.25 0.00	25.43 1.36 0.00	27.58 1.47 0.00	31.71 1.85 0.00	35.80 2.15 0.00	31.02 2.09 0.00	35.31 2.32 0.00	33.53 2.35 0.00	38.08 2.51 0.00	43.23 2.65 0.00	44.46 2.65 0.00	41.11 2.49 0.00	36.04 2.22 0.00	30.59 1.68 0.00	28.05 1.60 0.00	27.89 1.63 0.00	27.32 1.54 0.00
HUDSON___115KV_TB 4 355613	30.90 0.93 0.00	28.13 0.82 0.00	27.07 0.75 0.00	24.87 0.74 0.00	22.41 0.73 0.00	26.54 0.73 0.00	28.03 0.77 0.00	24.84 0.89 0.00	24.98 0.91 0.00	27.03 0.92 0.00	30.89 1.04 0.00	34.84 1.20 0.00	29.93 0.99 0.00	34.06 1.07 0.00	32.22 1.04 0.00	36.63 1.06 0.00	41.95 1.37 0.00	43.21 1.40 0.00	39.96 1.34 0.00	35.10 1.27 0.00	30.04 1.14 0.00	27.45 1.00 0.00	27.23 0.96 0.00	26.62 0.84 0.00
HUNTER MOUNT___DRP 323613	31.05 1.08 0.00	28.27 0.96 0.00	27.22 0.89 0.00	25.01 0.88 0.00	22.54 0.86 0.00	26.69 0.89 0.00	28.19 0.93 0.00	24.98 1.04 0.00	25.14 1.07 0.00	27.19 1.08 0.00	31.04 1.19 0.00	35.05 1.41 0.00	30.05 1.11 0.00	34.19 1.20 0.00	32.36 1.18 0.00	36.78 1.22 0.00	42.17 1.59 0.00	43.44 1.63 0.00	40.16 1.54 0.00	35.28 1.46 0.00	30.22 1.31 0.00	27.59 1.14 0.00	27.36 1.09 0.00	26.72 0.95 0.00
HUNTINGTON_RES_REC 323705	31.92 1.95 0.00	28.93 1.61 0.00	27.72 1.40 0.00	25.38 1.25 0.00	22.79 1.11 0.00	26.88 1.07 0.00	28.59 1.34 0.00	25.41 1.46 0.00	25.63 1.56 0.00	27.87 1.76 0.00	34.09 2.32 -1.91	36.39 2.46 -0.29	34.96 2.61 -3.41	35.91 2.69 -0.23	34.24 2.67 -0.39	37.90 2.34 0.00	43.03 2.45 0.00	44.31 2.50 0.00	40.93 2.30 0.00	35.90 2.08 0.00	30.50 1.59 0.00	28.11 1.66 0.00	28.45 1.90 -0.29	27.63 1.85 0.00
HUNTLEY___63 23557	27.94 -2.03 0.00	25.59 -1.73 0.00	24.61 -1.64 0.07	17.91 -1.45 4.77	20.13 -1.49 0.06	22.91 -1.49 1.40	25.57 -1.69 0.00	20.79 -1.68 1.48	22.47 -1.55 0.05	24.78 -1.33 0.00	28.26 -1.59 0.00	32.08 -1.56 0.00	27.57 -1.37 0.00	31.00 -1.99 0.00	27.91 -2.23 1.04	32.90 -2.67 0.00	37.60 -2.98 0.00	37.95 -2.74 1.12	36.12 -2.51 0.00	31.56 -2.26 0.00	27.19 -1.71 0.00	25.18 -1.26 0.00	24.79 -1.48 0.00	24.54 -1.24 0.00
HUNTLEY___64 23558	27.94 -2.03 0.00	25.59 -1.73 0.00	24.61 -1.64 0.07	17.91 -1.45 4.77	20.13 -1.49 0.06	22.91 -1.49 1.40	25.57 -1.69 0.00	20.79 -1.68 1.48	22.47 -1.55 0.05	24.78 -1.33 0.00	28.26 -1.59 0.00	32.08 -1.56 0.00	27.57 -1.37 0.00	31.00 -1.99 0.00	27.91 -2.23 1.04	32.90 -2.67 0.00	37.60 -2.98 0.00	37.95 -2.74 1.12	36.12 -2.51 0.00	31.56 -2.26 0.00	27.19 -1.71 0.00	25.18 -1.26 0.00	24.79 -1.48 0.00	24.54 -1.24 0.00
HUNTLEY___65 23559	27.94 -2.03 0.00	25.59 -1.73 0.00	24.61 -1.64 0.07	17.91 -1.45 4.77	20.13 -1.49 0.06	22.91 -1.49 1.40	25.57 -1.69 0.00	20.79 -1.68 1.48	22.47 -1.55 0.05	24.78 -1.33 0.00	28.26 -1.59 0.00	32.08 -1.56 0.00	27.57 -1.37 0.00	31.00 -1.99 0.00	27.91 -2.23 1.04	32.90 -2.67 0.00	37.60 -2.98 0.00	37.95 -2.74 1.12	36.12 -2.51 0.00	31.56 -2.26 0.00	27.19 -1.71 0.00	25.18 -1.26 0.00	24.79 -1.48 0.00	24.54 -1.24 0.00
HUNTLEY___66 23560	27.94 -2.03 0.00	25.59 -1.73 0.00	24.61 -1.64 0.07	17.91 -1.45 4.77	20.13 -1.49 0.06	22.91 -1.49 1.40	25.57 -1.69 0.00	20.79 -1.68 1.48	22.47 -1.55 0.05	24.78 -1.33 0.00	28.26 -1.59 0.00	32.08 -1.56 0.00	27.57 -1.37 0.00	31.00 -1.99 0.00	27.91 -2.23 1.04	32.90 -2.67 0.00	37.60 -2.98 0.00	37.95 -2.74 1.12	36.12 -2.51 0.00	31.56 -2.26 0.00	27.19 -1.71 0.00	25.18 -1.26 0.00	24.79 -1.48 0.00	24.54 -1.24 0.00



HUNTLEY___67 23561	27.76 -2.20 0.00	25.42 -1.89 0.00	24.45 -1.80 0.08	17.54 -1.62 4.96	20.01 -1.61 0.07	22.70 -1.64 1.46	25.42 -1.84 0.00	20.61 -1.80 1.54	22.33 -1.69 0.05	24.61 -1.50 0.00	28.06 -1.80 0.00	31.84 -1.80 0.00	27.34 -1.60 0.00	30.75 -2.24 0.00	27.61 -2.48 1.08	32.63 -2.93 0.00	37.26 -3.32 0.00	37.51 -3.13 1.18	35.77 -2.85 0.00	31.30 -2.52 0.00	26.96 -1.95 0.00	24.96 -1.49 0.00	24.61 -1.65 0.00	24.38 -1.40 0.00
HUNTLEY___68 23562	27.76 -2.20 0.00	25.42 -1.89 0.00	24.45 -1.80 0.08	17.54 -1.62 4.96	20.01 -1.61 0.07	22.70 -1.64 1.46	25.42 -1.84 0.00	20.61 -1.80 1.54	22.33 -1.69 0.05	24.61 -1.50 0.00	28.06 -1.80 0.00	31.84 -1.80 0.00	27.34 -1.60 0.00	30.75 -2.24 0.00	27.61 -2.48 1.08	32.63 -2.93 0.00	37.26 -3.32 0.00	37.51 -3.13 1.18	35.77 -2.85 0.00	31.30 -2.52 0.00	26.96 -1.95 0.00	24.96 -1.49 0.00	24.61 -1.65 0.00	24.38 -1.40 0.00
HYLAND___LFGE 323620	29.53 -0.43 0.00	26.97 -0.34 0.00	25.88 -0.34 0.10	17.40 -0.32 6.41	21.17 -0.43 0.09	23.57 -0.35 1.88	26.98 -0.27 0.00	21.68 -0.28 1.98	23.72 -0.29 0.06	25.87 -0.24 0.00	29.63 -0.22 0.00	33.05 -0.59 0.00	28.37 -0.57 0.00	32.20 -0.79 0.00	28.94 -0.84 1.40	34.59 -0.97 0.00	39.68 -0.90 0.00	39.80 -0.50 1.52	38.24 -0.38 0.00	33.84 0.01 0.00	29.40 0.49 0.00	27.09 0.64 0.00	26.67 0.41 0.00	26.19 0.42 0.00
INDECK___CORINTH 23802	32.07 2.10 0.00	29.15 1.83 0.00	27.97 1.65 0.00	25.66 1.53 0.00	23.17 1.49 0.00	27.48 1.67 0.00	29.02 1.76 0.00	25.68 1.73 0.00	26.00 1.93 0.00	28.15 2.04 0.00	31.98 2.13 0.00	36.05 2.41 0.00	30.97 2.04 0.00	34.99 2.00 0.00	33.09 1.91 0.00	37.66 2.10 0.00	43.11 2.53 0.00	44.56 2.75 0.00	41.41 2.79 0.00	36.31 2.49 0.00	31.18 2.27 0.00	28.47 2.03 0.00	28.09 1.83 0.00	27.47 1.70 0.00
INDECK___ILION 23567	30.03 0.07 0.00	27.31 -0.01 0.00	26.29 -0.03 0.00	24.14 0.01 0.00	21.74 0.06 0.00	25.77 -0.03 0.00	27.22 -0.04 0.00	24.05 0.10 0.00	24.20 0.13 0.00	26.18 0.07 0.00	29.91 0.06 0.00	33.72 0.08 0.00	29.03 0.10 0.00	33.03 0.04 0.00	31.22 0.04 0.00	35.62 0.05 0.00	40.72 0.14 0.00	41.97 0.16 0.00	38.79 0.17 0.00	34.03 0.21 0.00	29.08 0.17 0.00	26.58 0.13 0.00	26.42 0.15 0.00	25.89 0.11 0.00
INDECK___OLEAN 23982	28.54 -1.42 0.00	26.11 -1.20 0.00	24.96 -1.26 0.11	15.84 -1.14 7.16	20.51 -1.07 0.09	22.64 -1.07 2.10	26.04 -1.22 0.00	20.65 -1.09 2.20	22.99 -1.02 0.07	25.25 -0.86 0.00	28.76 -1.09 0.00	32.56 -1.09 0.00	28.00 -0.93 0.00	31.58 -1.40 0.00	27.98 -1.64 1.56	33.73 -1.84 0.00	38.45 -2.13 0.00	38.09 -2.03 1.69	36.73 -1.89 0.00	32.32 -1.50 0.00	27.74 -1.17 0.00	25.69 -0.76 0.00	25.41 -0.85 0.00	25.08 -0.70 0.00
INDECK___OSWEGO 23783	29.31 -0.66 0.00	26.70 -0.61 0.00	25.78 -0.55 0.00	23.65 -0.49 0.00	21.26 -0.43 0.00	25.29 -0.52 0.00	26.70 -0.56 0.00	23.49 -0.46 0.00	23.57 -0.50 0.00	25.52 -0.59 0.00	29.16 -0.70 0.00	32.92 -0.73 0.00	28.31 -0.62 0.00	32.27 -0.72 0.00	30.49 -0.69 0.00	34.79 -0.78 0.00	39.79 -0.79 0.00	41.06 -0.75 0.00	37.89 -0.73 0.00	33.19 -0.63 0.00	28.38 -0.52 0.00	25.97 -0.48 0.00	25.73 -0.53 0.00	25.25 -0.52 0.00
INDECK___YERKES 23781	27.96 -2.01 0.00	25.62 -1.70 0.00	24.64 -1.61 0.07	17.90 -1.46 4.77	20.14 -1.48 0.06	22.93 -1.47 1.40	25.60 -1.66 0.00	20.81 -1.66 1.48	22.50 -1.53 0.05	24.80 -1.31 0.00	28.31 -1.54 0.00	32.12 -1.52 0.00	27.59 -1.34 0.00	30.99 -1.99 0.00	27.94 -2.21 1.04	32.93 -2.63 0.00	37.64 -2.94 0.00	37.98 -2.70 1.12	36.15 -2.47 0.00	31.59 -2.23 0.00	27.22 -1.69 0.00	25.21 -1.24 0.00	24.81 -1.45 0.00	24.56 -1.22 0.00
INDIAN POINT_GT_1 24139	31.30 1.34 0.00	28.43 1.11 0.00	27.25 0.93 0.00	25.00 0.87 0.00	22.50 0.81 0.00	26.59 0.79 0.00	28.15 0.90 0.00	24.99 1.04 0.00	25.23 1.16 0.00	27.35 1.24 0.00	31.41 1.56 0.00	35.47 1.82 0.00	30.74 1.80 0.00	34.95 1.96 0.00	33.17 1.99 0.00	37.66 2.10 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.79 2.17 0.00	35.75 1.93 0.00	30.39 1.48 0.00	27.84 1.40 0.00	27.68 1.41 0.00	27.11 1.33 0.00
INDIAN POINT_GT_2 23659	31.30 1.34 0.00	28.43 1.11 0.00	27.25 0.93 0.00	25.00 0.87 0.00	22.50 0.81 0.00	26.59 0.79 0.00	28.15 0.90 0.00	24.99 1.04 0.00	25.23 1.16 0.00	27.35 1.24 0.00	31.41 1.56 0.00	35.47 1.82 0.00	30.74 1.80 0.00	34.95 1.96 0.00	33.17 1.99 0.00	37.66 2.10 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.79 2.17 0.00	35.75 1.93 0.00	30.39 1.48 0.00	27.84 1.40 0.00	27.68 1.41 0.00	27.11 1.33 0.00
INDIAN POINT_GT_3 24019	31.30 1.34 0.00	28.43 1.11 0.00	27.25 0.93 0.00	25.00 0.87 0.00	22.50 0.81 0.00	26.59 0.79 0.00	28.15 0.90 0.00	24.99 1.04 0.00	25.23 1.16 0.00	27.35 1.24 0.00	31.41 1.56 0.00	35.47 1.82 0.00	30.74 1.80 0.00	34.95 1.96 0.00	33.17 1.99 0.00	37.66 2.10 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.79 2.17 0.00	35.75 1.93 0.00	30.39 1.48 0.00	27.84 1.40 0.00	27.68 1.41 0.00	27.11 1.33 0.00
INDIAN POINT___2 23530	31.27 1.31 0.00	28.40 1.08 0.00	27.22 0.89 0.00	24.97 0.84 0.00	22.47 0.79 0.00	26.56 0.76 0.00	28.12 0.87 0.00	24.96 1.02 0.00	25.20 1.13 0.00	27.32 1.21 0.00	31.37 1.51 0.00	35.43 1.79 0.00	30.71 1.78 0.00	34.93 1.94 0.00	33.15 1.96 0.00	37.64 2.07 0.00	42.85 2.27 0.00	44.11 2.30 0.00	40.76 2.14 0.00	35.71 1.89 0.00	30.37 1.46 0.00	27.82 1.37 0.00	27.66 1.39 0.00	27.08 1.30 0.00
INDIAN POINT___3 23531	31.27 1.30 0.00	28.40 1.08 0.00	27.23 0.91 0.00	24.98 0.85 0.00	22.49 0.80 0.00	26.57 0.77 0.00	28.13 0.87 0.00	24.97 1.02 0.00	25.20 1.13 0.00	27.32 1.21 0.00	31.38 1.52 0.00	35.43 1.79 0.00	30.71 1.77 0.00	34.91 1.92 0.00	33.13 1.95 0.00	37.62 2.06 0.00	42.83 2.25 0.00	44.09 2.28 0.00	40.74 2.12 0.00	35.69 1.88 0.00	30.35 1.45 0.00	27.81 1.37 0.00	27.65 1.38 0.00	27.08 1.30 0.00
INGHAM_C_115KV_TB7 356103	29.92 -0.05 0.00	27.13 -0.18 0.00	26.09 -0.23 0.00	24.00 -0.14 0.00	21.65 -0.03 0.00	25.57 -0.23 0.00	26.99 -0.27 0.00	23.99 0.04 0.00	24.17 0.10 0.00	26.07 -0.04 0.00	29.74 -0.11 0.00	33.49 -0.16 0.00	28.84 -0.10 0.00	32.71 -0.28 0.00	30.91 -0.27 0.00	35.33 -0.24 0.00	40.49 -0.09 0.00	41.73 -0.08 0.00	38.59 -0.03 0.00	33.94 0.12 0.00	29.01 0.10 0.00	26.51 0.06 0.00	26.37 0.10 0.00	25.79 0.01 0.00
IP CORINTH___1 23988	32.07 2.10 0.00	29.14 1.83 0.00	27.97 1.65 0.00	25.66 1.53 0.00	23.17 1.49 0.00	27.48 1.68 0.00	29.01 1.76 0.00	25.68 1.74 0.00	26.00 1.93 0.00	28.15 2.04 0.00	31.99 2.14 0.00	36.05 2.41 0.00	30.97 2.04 0.00	34.99 2.00 0.00	33.09 1.91 0.00	37.66 2.10 0.00	43.11 2.53 0.00	44.56 2.75 0.00	41.41 2.79 0.00	36.31 2.49 0.00	31.18 2.27 0.00	28.47 2.02 0.00	28.10 1.83 0.00	27.47 1.70 0.00



IP___TICONDEROGA 23804	33.35 3.38 0.00	30.32 3.00 0.00	29.05 2.72 0.00	26.64 2.51 0.00	24.16 2.47 0.00	28.62 2.82 0.00	30.20 2.94 0.00	26.75 2.80 0.00	27.27 3.20 0.00	29.55 3.44 0.00	33.64 3.79 0.00	37.87 4.22 0.00	32.47 3.54 0.00	36.56 3.58 0.00	34.56 3.38 0.00	39.28 3.71 0.00	45.04 4.45 0.00	46.78 4.97 0.00	43.23 4.61 0.00	38.00 4.18 0.00	32.46 3.55 0.00	29.72 3.28 0.00	29.75 3.49 0.00	29.08 3.30 0.00
ISLIP_RES_REC 323679	32.09 2.12 0.00	29.06 1.74 0.00	27.84 1.52 0.00	25.49 1.36 0.00	22.87 1.19 0.00	26.99 1.19 0.00	28.74 1.49 0.00	25.55 1.61 0.00	25.78 1.71 0.00	28.08 1.96 0.00	34.28 2.51 -1.91	36.67 2.73 -0.29	35.19 2.85 -3.41	36.15 2.93 -0.23	34.52 2.95 -0.39	38.30 2.73 0.00	43.50 2.92 0.00	44.79 2.98 0.00	41.36 2.74 0.00	36.31 2.49 0.00	30.83 1.92 0.00	28.36 1.92 0.00	28.65 2.10 -0.29	27.77 1.99 0.00
JAMAICA__27_KV_LOAD 355505	31.84 1.87 0.00	28.94 1.63 0.00	27.70 1.37 0.00	25.43 1.30 0.00	22.89 1.21 0.00	27.02 1.22 0.00	28.64 1.38 0.00	25.45 1.51 0.00	25.67 1.60 0.00	27.83 1.72 0.00	32.02 2.17 0.00	36.15 2.50 0.00	31.28 2.35 0.00	35.64 2.65 0.00	33.81 2.64 0.00	38.38 2.81 0.00	43.65 3.07 0.00	44.90 3.09 0.00	41.48 2.86 0.00	36.35 2.53 0.00	30.86 1.95 0.00	28.31 1.86 0.00	28.14 1.88 0.00	27.58 1.80 0.00
JANIS___SOLAR 323808	30.65 0.67 -0.01	27.81 0.49 0.00	27.05 0.56 -0.16	35.03 0.46 -10.44	22.26 0.44 -0.14	29.44 0.58 -3.06	27.85 0.59 0.00	27.83 0.71 -3.17	24.88 0.71 -0.10	26.91 0.80 0.00	30.79 0.94 0.00	34.79 1.14 0.00	29.91 0.98 0.00	33.89 0.90 0.00	34.19 0.73 -2.28	36.44 0.87 0.00	41.92 1.34 0.00	45.84 1.56 -2.47	40.25 1.63 0.00	35.37 1.55 0.00	30.32 1.41 0.00	27.63 1.18 0.00	27.27 1.00 0.00	26.74 0.97 0.00
JARVIS____ 23743	30.02 0.05 0.00	27.34 0.03 0.00	26.35 0.03 0.00	24.17 0.04 0.00	21.74 0.06 0.00	25.83 0.03 0.00	27.28 0.03 0.00	24.02 0.07 0.00	24.15 0.07 0.00	26.16 0.05 0.00	29.92 0.06 0.00	33.75 0.10 0.00	29.05 0.12 0.00	33.09 0.11 0.00	31.31 0.12 0.00	35.67 0.11 0.00	40.67 0.09 0.00	41.92 0.11 0.00	38.73 0.11 0.00	33.92 0.10 0.00	29.00 0.09 0.00	26.53 0.08 0.00	26.34 0.08 0.00	25.85 0.07 0.00
JENNISON___1 23625	30.74 0.77 0.00	27.66 0.34 0.00	27.01 0.65 -0.04	27.11 0.47 -2.51	22.14 0.43 -0.03	27.14 0.60 -0.73	27.77 0.51 0.00	25.39 0.68 -0.76	24.80 0.71 -0.02	26.81 0.70 0.00	30.77 0.91 0.00	34.83 1.18 0.00	29.95 1.02 0.00	34.01 1.02 0.00	32.71 0.98 -0.55	36.80 1.23 0.00	42.15 1.57 0.00	44.14 1.74 -0.59	40.20 1.58 0.00	35.15 1.33 0.00	30.10 1.19 0.00	27.39 0.95 0.00	27.13 0.87 0.00	26.68 0.90 0.00
JENNISON___2 23626	30.74 0.77 0.00	27.66 0.34 0.00	27.01 0.65 -0.04	27.11 0.47 -2.51	22.14 0.43 -0.03	27.14 0.60 -0.73	27.77 0.51 0.00	25.39 0.68 -0.76	24.80 0.71 -0.02	26.81 0.70 0.00	30.77 0.91 0.00	34.83 1.18 0.00	29.95 1.02 0.00	34.01 1.02 0.00	32.71 0.98 -0.55	36.80 1.23 0.00	42.15 1.57 0.00	44.14 1.74 -0.59	40.20 1.58 0.00	35.15 1.33 0.00	30.10 1.19 0.00	27.39 0.95 0.00	27.13 0.87 0.00	26.68 0.90 0.00
JERICHO_RISE_WT_PWR 323719	30.14 0.17 0.00	27.64 0.32 0.00	26.64 0.32 0.00	24.25 0.12 0.00	21.65 -0.03 0.00	25.97 0.17 0.00	27.46 0.20 0.00	23.98 0.03 0.00	24.24 0.17 0.00	26.36 0.24 0.00	30.07 0.22 0.00	33.76 0.11 0.00	28.85 -0.09 0.00	32.94 -0.05 0.00	31.30 0.12 0.00	35.71 0.14 0.00	40.96 0.38 0.00	42.27 0.46 0.00	39.06 0.43 0.00	34.16 0.34 0.00	29.19 0.28 0.00	26.50 0.05 0.00	26.33 0.07 0.00	25.83 0.05 0.00
KATONAH__115KV_46KV_TB4 355592	31.47 1.50 0.00	28.58 1.27 0.00	27.40 1.08 0.00	25.14 1.00 0.00	22.62 0.94 0.00	26.74 0.93 0.00	28.30 1.05 0.00	25.13 1.18 0.00	25.38 1.31 0.00	27.53 1.42 0.00	31.62 1.77 0.00	35.71 2.06 0.00	30.92 1.99 0.00	35.16 2.17 0.00	33.36 2.18 0.00	37.88 2.31 0.00	43.08 2.50 0.00	44.36 2.55 0.00	41.01 2.39 0.00	35.95 2.13 0.00	30.56 1.66 0.00	27.99 1.55 0.00	27.82 1.56 0.00	27.24 1.46 0.00
KCE_NY_1 323755	31.69 1.73 0.00	28.81 1.49 0.00	27.66 1.33 0.00	25.39 1.26 0.00	22.92 1.24 0.00	27.20 1.40 0.00	28.73 1.47 0.00	25.38 1.44 0.00	25.62 1.55 0.00	27.70 1.59 0.00	31.62 1.76 0.00	35.66 2.01 0.00	30.69 1.76 0.00	34.83 1.84 0.00	32.95 1.77 0.00	37.53 1.97 0.00	42.87 2.29 0.00	44.22 2.41 0.00	40.92 2.30 0.00	35.91 2.08 0.00	30.76 1.85 0.00	28.13 1.68 0.00	27.86 1.60 0.00	27.27 1.50 0.00
KCE_NY_6_ESR 323823	28.04 -1.92 0.00	25.68 -1.64 0.00	24.68 -1.56 0.08	17.30 -1.46 5.38	20.19 -1.42 0.07	22.81 -1.42 1.58	25.68 -1.58 0.00	20.76 -1.53 1.66	22.61 -1.41 0.05	24.90 -1.21 0.00	28.41 -1.44 0.00	32.25 -1.40 0.00	27.72 -1.22 0.00	31.19 -1.80 0.00	27.97 -2.05 1.17	33.18 -2.39 0.00	37.90 -2.68 0.00	38.07 -2.47 1.27	36.33 -2.29 0.00	31.80 -2.03 0.00	27.37 -1.54 0.00	25.34 -1.10 0.00	25.00 -1.26 0.00	24.73 -1.05 0.00
KEDC_PORT_JEFF_GT2 24210	31.90 1.93 0.00	28.90 1.58 0.00	27.70 1.38 0.00	25.36 1.23 0.00	22.76 1.08 0.00	26.86 1.06 0.00	28.60 1.35 0.00	25.43 1.48 0.00	25.65 1.57 0.00	27.90 1.79 0.00	34.08 2.32 -1.91	36.41 2.48 -0.29	34.98 2.64 -3.41	35.92 2.71 -0.23	34.28 2.71 -0.39	38.01 2.45 0.00	43.17 2.59 0.00	44.45 2.64 0.00	41.05 2.42 0.00	36.04 2.22 0.00	30.59 1.68 0.00	28.15 1.70 0.00	28.46 1.90 -0.29	27.59 1.81 0.00
KEDC_PORT_JEFF_GT3 24211	31.90 1.93 0.00	28.90 1.58 0.00	27.70 1.38 0.00	25.36 1.23 0.00	22.76 1.08 0.00	26.86 1.06 0.00	28.60 1.35 0.00	25.43 1.48 0.00	25.65 1.57 0.00	27.90 1.79 0.00	34.08 2.32 -1.91	36.41 2.48 -0.29	34.98 2.64 -3.41	35.92 2.71 -0.23	34.28 2.71 -0.39	38.01 2.45 0.00	43.17 2.59 0.00	44.45 2.64 0.00	41.05 2.42 0.00	36.04 2.22 0.00	30.59 1.68 0.00	28.15 1.70 0.00	28.46 1.90 -0.29	27.59 1.81 0.00
KEDC_GLWD_GT4 24219	31.95 1.99 0.00	28.96 1.65 0.00	27.75 1.42 0.00	25.43 1.29 0.00	22.85 1.17 0.00	26.96 1.16 0.00	28.63 1.38 0.00	25.43 1.49 0.00	25.67 1.60 0.00	27.89 1.78 0.00	34.05 2.28 -1.91	36.43 2.49 -0.29	34.90 2.56 -3.41	35.94 2.73 -0.23	34.28 2.71 -0.39	38.25 2.68 0.00	43.54 2.96 0.00	44.82 3.01 0.00	41.38 2.75 0.00	36.29 2.47 0.00	30.82 1.91 0.00	28.32 1.87 0.00	28.55 1.99 -0.29	27.68 1.91 0.00
KEDC_GLWD_GT5 24220	31.95 1.99 0.00	28.96 1.65 0.00	27.75 1.42 0.00	25.43 1.29 0.00	22.85 1.17 0.00	26.96 1.16 0.00	28.63 1.38 0.00	25.43 1.49 0.00	25.67 1.60 0.00	27.89 1.78 0.00	34.05 2.28 -1.91	36.43 2.49 -0.29	34.90 2.56 -3.41	35.94 2.73 -0.23	34.28 2.71 -0.39	38.25 2.68 0.00	43.54 2.96 0.00	44.82 3.01 0.00	41.38 2.75 0.00	36.29 2.47 0.00	30.82 1.91 0.00	28.32 1.87 0.00	28.55 1.99 -0.29	27.68 1.91 0.00



KENSICO____ 23655	31.39 1.43 0.00	28.51 1.19 0.00	27.33 1.01 0.00	25.07 0.94 0.00	22.56 0.88 0.00	26.67 0.86 0.00	28.23 0.98 0.00	25.07 1.12 0.00	25.31 1.23 0.00	27.43 1.32 0.00	31.52 1.66 0.00	35.58 1.93 0.00	30.84 1.91 0.00	35.06 2.08 0.00	33.28 2.10 0.00	37.77 2.21 0.00	42.98 2.40 0.00	44.24 2.43 0.00	40.89 2.27 0.00	35.83 2.01 0.00	30.45 1.55 0.00	27.91 1.47 0.00	27.76 1.49 0.00	27.18 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.25 1.28 0.00	28.35 1.04 0.00	27.19 0.87 0.00	24.91 0.78 0.00	22.40 0.72 0.00	26.51 0.71 0.00	28.06 0.80 0.00	24.90 0.95 0.00	25.16 1.09 0.00	27.33 1.22 0.00	31.37 1.52 0.00	35.45 1.80 0.00	30.72 1.78 0.00	34.88 1.89 0.00	33.10 1.92 0.00	37.67 2.10 0.00	42.98 2.39 0.00	44.32 2.51 0.00	40.96 2.33 0.00	35.84 2.02 0.00	30.46 1.55 0.00	27.87 1.42 0.00	27.66 1.39 0.00	27.06 1.28 0.00
KIAC_JFK_GT1 23816	31.63 1.66 0.00	28.76 1.44 0.00	27.52 1.20 0.00	25.28 1.15 0.00	22.75 1.07 0.00	26.85 1.05 0.00	28.46 1.20 0.00	25.30 1.35 0.00	25.51 1.44 0.00	27.65 1.54 0.00	31.81 1.96 0.00	35.89 2.24 0.00	30.99 2.06 0.00	35.38 2.39 0.00	33.53 2.35 0.00	38.09 2.53 0.00	43.36 2.78 0.00	44.59 2.78 0.00	41.19 2.56 0.00	36.00 2.18 0.00	30.55 1.64 0.00	28.02 1.57 0.00	27.87 1.61 0.00	27.40 1.62 0.00
KIAC_JFK_GT2 23817	31.63 1.66 0.00	28.76 1.44 0.00	27.52 1.20 0.00	25.28 1.15 0.00	22.75 1.07 0.00	26.85 1.05 0.00	28.46 1.20 0.00	25.30 1.35 0.00	25.51 1.44 0.00	27.65 1.54 0.00	31.81 1.96 0.00	35.89 2.24 0.00	30.99 2.06 0.00	35.38 2.39 0.00	33.53 2.35 0.00	38.09 2.53 0.00	43.36 2.78 0.00	44.59 2.78 0.00	41.19 2.56 0.00	36.00 2.18 0.00	30.55 1.64 0.00	28.02 1.57 0.00	27.87 1.61 0.00	27.40 1.62 0.00
KIAC_JFK____ 323774	31.63 1.67 0.00	28.75 1.44 0.00	27.52 1.20 0.00	25.28 1.15 0.00	22.75 1.07 0.00	26.85 1.05 0.00	28.46 1.20 0.00	25.29 1.35 0.00	25.51 1.44 0.00	27.65 1.54 0.00	31.81 1.96 0.00	35.89 2.24 0.00	30.99 2.06 0.00	35.38 2.40 0.00	33.53 2.35 0.00	38.10 2.53 0.00	43.36 2.78 0.00	44.59 2.78 0.00	41.19 2.56 0.00	36.00 2.18 0.00	30.55 1.64 0.00	28.02 1.57 0.00	27.87 1.61 0.00	27.40 1.62 0.00
KINTIGH____ 23543	28.05 -1.91 0.00	25.68 -1.63 0.00	24.72 -1.55 0.06	18.99 -1.42 3.72	20.24 -1.40 0.05	23.27 -1.44 1.09	25.64 -1.61 0.00	21.21 -1.58 1.16	22.54 -1.50 0.04	24.75 -1.36 0.00	28.23 -1.62 0.00	32.00 -1.64 0.00	27.47 -1.47 0.00	30.95 -2.03 0.00	28.15 -2.21 0.81	32.94 -2.63 0.00	37.60 -2.98 0.00	38.11 -2.81 0.88	36.09 -2.54 0.00	31.59 -2.24 0.00	27.17 -1.74 0.00	25.11 -1.34 0.00	24.76 -1.51 0.00	24.49 -1.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	30.81 0.84 0.00	28.35 1.03 0.00	27.33 1.01 0.00	24.94 0.81 0.00	22.33 0.64 0.00	26.64 0.83 0.00	28.15 0.90 0.00	24.75 0.81 0.00	25.08 1.01 0.00	27.14 1.03 0.00	30.95 1.09 0.00	34.82 1.18 0.00	29.78 0.85 0.00	33.91 0.92 0.00	32.19 1.01 0.00	36.67 1.10 0.00	42.07 1.49 0.00	43.52 1.71 0.00	40.26 1.64 0.00	35.29 1.47 0.00	30.17 1.26 0.00	27.41 0.96 0.00	27.23 0.96 0.00	26.71 0.93 0.00
LACHUTE__HYDRO 323717	33.35 3.38 0.00	30.32 3.00 0.00	29.05 2.72 0.00	26.64 2.51 0.00	24.16 2.47 0.00	28.62 2.82 0.00	30.20 2.94 0.00	26.75 2.80 0.00	27.27 3.20 0.00	29.55 3.44 0.00	33.64 3.79 0.00	37.87 4.22 0.00	32.47 3.53 0.00	36.56 3.58 0.00	34.56 3.38 0.00	39.28 3.71 0.00	45.03 4.45 0.00	46.78 4.97 0.00	43.23 4.60 0.00	38.00 4.18 0.00	32.46 3.55 0.00	29.72 3.27 0.00	29.75 3.49 0.00	29.08 3.30 0.00
LAWRNCV_115KV_TB1 80681	29.69 -0.27 0.00	27.12 -0.19 0.00	26.15 -0.17 0.00	23.86 -0.27 0.00	21.34 -0.35 0.00	25.60 -0.21 0.00	27.04 -0.21 0.00	23.55 -0.40 0.00	23.73 -0.34 0.00	25.89 -0.22 0.00	29.47 -0.39 0.00	33.11 -0.54 0.00	28.28 -0.65 0.00	32.34 -0.64 0.00	30.58 -0.60 0.00	35.04 -0.52 0.00	40.21 -0.37 0.00	41.68 -0.12 0.00	38.44 -0.19 0.00	33.58 -0.24 0.00	28.77 -0.14 0.00	26.25 -0.20 0.00	26.04 -0.22 0.00	25.58 -0.20 0.00
LEDERLE____ 23769	31.43 1.47 0.00	28.54 1.22 0.00	27.36 1.03 0.00	25.09 0.96 0.00	22.58 0.89 0.00	26.69 0.89 0.00	28.26 1.00 0.00	25.08 1.13 0.00	25.33 1.26 0.00	27.46 1.35 0.00	31.55 1.69 0.00	35.65 2.01 0.00	30.91 1.98 0.00	35.16 2.17 0.00	33.37 2.20 0.00	37.93 2.36 0.00	43.22 2.64 0.00	44.49 2.68 0.00	41.09 2.47 0.00	35.99 2.17 0.00	30.60 1.68 0.00	28.02 1.57 0.00	27.83 1.57 0.00	27.25 1.47 0.00
LIGHTHSE_115KV_TB6 355974	29.34 -0.63 0.00	26.71 -0.61 0.00	25.78 -0.55 0.00	23.63 -0.51 0.00	21.23 -0.45 0.00	25.35 -0.45 0.00	26.73 -0.53 0.00	23.52 -0.43 0.00	23.68 -0.40 0.00	25.68 -0.43 0.00	29.26 -0.59 0.00	33.08 -0.56 0.00	28.36 -0.57 0.00	32.39 -0.60 0.00	30.67 -0.51 0.00	35.02 -0.55 0.00	40.28 -0.30 0.00	41.77 -0.04 0.00	38.33 -0.30 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.31 -0.14 0.00	26.04 -0.23 0.00	25.57 -0.20 0.00
LINDEN COGEN____ 23786	31.49 1.52 0.00	28.59 1.27 0.00	27.38 1.05 0.00	25.13 1.00 0.00	22.61 0.93 0.00	26.71 0.90 0.00	28.29 1.03 0.00	25.13 1.18 0.00	25.38 1.30 0.00	27.51 1.41 0.00	31.62 1.77 0.00	35.72 2.07 0.00	30.97 2.04 0.00	35.23 2.24 0.00	33.44 2.26 0.00	37.97 2.40 0.00	43.16 2.58 0.00	44.36 2.55 0.00	41.04 2.41 0.00	35.98 2.16 0.00	30.54 1.63 0.00	27.99 1.55 0.00	27.83 1.56 0.00	27.25 1.47 0.00
LINDHRST_69_KV_BK1 356055	32.18 2.21 0.00	29.15 1.84 0.00	27.93 1.61 0.00	25.56 1.43 0.00	22.96 1.28 0.00	27.08 1.28 0.00	28.79 1.54 0.00	25.60 1.65 0.00	25.85 1.78 0.00	28.10 1.99 0.00	34.33 2.56 -1.91	36.70 2.77 -0.29	35.19 2.84 -3.41	36.19 2.98 -0.23	34.49 2.93 -0.39	38.39 2.82 0.00	43.69 3.11 0.00	44.96 3.15 0.00	41.51 2.89 0.00	36.45 2.62 0.00	30.97 2.06 0.00	28.49 2.04 0.00	28.75 2.19 -0.29	27.87 2.10 0.00
LIPA_MISC_IPP 23656	31.75 1.78 0.00	28.75 1.44 0.00	27.57 1.25 0.00	25.24 1.10 0.00	22.67 0.98 0.00	26.75 0.95 0.00	28.54 1.28 0.00	25.33 1.39 0.00	25.54 1.47 0.00	27.78 1.67 0.00	33.94 2.17 -1.91	36.26 2.32 -0.29	34.84 2.49 -3.41	35.73 2.52 -0.23	34.10 2.53 -0.39	37.83 2.27 0.00	42.98 2.40 0.00	44.24 2.44 0.00	40.86 2.24 0.00	35.88 2.06 0.00	30.45 1.54 0.00	28.00 1.56 0.00	28.31 1.75 -0.29	27.44 1.66 0.00
LISF__SOLAR 323691	31.81 1.84 0.00	28.80 1.49 0.00	27.62 1.30 0.00	25.30 1.16 0.00	22.70 1.02 0.00	26.80 1.00 0.00	28.59 1.33 0.00	25.39 1.44 0.00	25.59 1.51 0.00	27.84 1.73 0.00	34.00 2.23 -1.91	36.32 2.38 -0.29	34.90 2.55 -3.41	35.82 2.61 -0.23	34.17 2.60 -0.39	37.92 2.35 0.00	43.07 2.49 0.00	44.35 2.54 0.00	40.97 2.35 0.00	35.97 2.15 0.00	30.52 1.61 0.00	28.06 1.62 0.00	28.37 1.81 -0.29	27.49 1.72 0.00



LITTLE FALLS___HYD 24013	29.92 -0.05 0.00	27.13 -0.18 0.00	26.09 -0.23 0.00	24.00 -0.14 0.00	21.65 -0.03 0.00	25.57 -0.23 0.00	26.99 -0.27 0.00	23.99 0.04 0.00	24.17 0.10 0.00	26.07 -0.04 0.00	29.74 -0.11 0.00	33.49 -0.16 0.00	28.84 -0.10 0.00	32.71 -0.28 0.00	30.91 -0.27 0.00	35.33 -0.24 0.00	40.49 -0.09 0.00	41.73 -0.08 0.00	38.59 -0.03 0.00	33.94 0.12 0.00	29.01 0.10 0.00	26.51 0.06 0.00	26.37 0.10 0.00	25.79 0.01 0.00
LITTLRIV_115KV_TB1 356100	30.12 0.15 0.00	27.50 0.18 0.00	26.50 0.17 0.00	24.18 0.05 0.00	21.61 -0.07 0.00	25.94 0.14 0.00	27.43 0.17 0.00	23.88 -0.07 0.00	24.04 -0.03 0.00	26.22 0.11 0.00	29.78 -0.07 0.00	33.41 -0.23 0.00	28.50 -0.44 0.00	32.60 -0.39 0.00	30.77 -0.41 0.00	35.29 -0.28 0.00	40.64 0.06 0.00	42.35 0.54 0.00	39.10 0.48 0.00	34.16 0.34 0.00	29.27 0.36 0.00	26.70 0.25 0.00	26.45 0.19 0.00	25.96 0.18 0.00
LI_NEWBRDGE___DRP 323616	31.66 1.69 0.00	28.71 1.40 0.00	27.51 1.19 0.00	25.21 1.08 0.00	22.66 0.98 0.00	26.75 0.94 0.00	28.39 1.14 0.00	25.22 1.28 0.00	25.45 1.38 0.00	27.63 1.52 0.00	33.75 1.99 -1.91	36.08 2.15 -0.29	34.60 2.25 -3.41	35.55 2.34 -0.23	33.92 2.35 -0.39	37.78 2.22 0.00	42.95 2.37 0.00	44.22 2.41 0.00	40.82 2.20 0.00	35.81 1.99 0.00	30.42 1.51 0.00	28.00 1.55 0.00	28.26 1.70 -0.29	27.42 1.64 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.85 -2.11 0.00	25.50 -1.81 0.00	24.54 -1.72 0.07	18.23 -1.51 4.39	20.06 -1.56 0.06	22.96 -1.56 1.29	25.49 -1.77 0.00	20.82 -1.76 1.37	22.39 -1.64 0.04	24.67 -1.45 0.00	28.13 -1.72 0.00	31.92 -1.73 0.00	27.40 -1.54 0.00	30.80 -2.18 0.00	27.82 -2.42 0.94	32.68 -2.89 0.00	37.34 -3.24 0.00	37.83 -2.96 1.03	35.95 -2.68 0.00	31.45 -2.37 0.00	27.10 -1.81 0.00	25.09 -1.36 0.00	24.69 -1.58 0.00	24.43 -1.34 0.00
LOCKPORT___CC1 323769	27.79 -2.18 0.00	25.46 -1.85 0.00	24.50 -1.75 0.07	18.09 -1.58 4.46	20.03 -1.59 0.06	22.89 -1.61 1.31	25.45 -1.81 0.00	20.77 -1.79 1.39	22.36 -1.67 0.04	24.63 -1.48 0.00	28.10 -1.75 0.00	31.87 -1.78 0.00	27.36 -1.58 0.00	30.71 -2.27 0.00	27.74 -2.48 0.96	32.62 -2.95 0.00	37.26 -3.32 0.00	37.72 -3.04 1.04	35.85 -2.78 0.00	31.37 -2.45 0.00	27.03 -1.88 0.00	25.03 -1.42 0.00	24.64 -1.63 0.00	24.40 -1.38 0.00
LOCKPORT___CC2 323770	27.79 -2.18 0.00	25.46 -1.85 0.00	24.50 -1.75 0.07	18.09 -1.58 4.46	20.03 -1.59 0.06	22.89 -1.61 1.31	25.45 -1.81 0.00	20.77 -1.79 1.39	22.36 -1.67 0.04	24.63 -1.48 0.00	28.10 -1.75 0.00	31.87 -1.78 0.00	27.36 -1.58 0.00	30.71 -2.27 0.00	27.74 -2.48 0.96	32.62 -2.95 0.00	37.26 -3.32 0.00	37.72 -3.04 1.04	35.85 -2.78 0.00	31.37 -2.45 0.00	27.03 -1.88 0.00	25.03 -1.42 0.00	24.64 -1.63 0.00	24.40 -1.38 0.00
LOCKPORT___CC3 323771	27.79 -2.18 0.00	25.46 -1.85 0.00	24.50 -1.75 0.07	18.09 -1.58 4.46	20.03 -1.59 0.06	22.89 -1.61 1.31	25.45 -1.81 0.00	20.77 -1.79 1.39	22.36 -1.67 0.04	24.63 -1.48 0.00	28.10 -1.75 0.00	31.87 -1.78 0.00	27.36 -1.58 0.00	30.71 -2.27 0.00	27.74 -2.48 0.96	32.62 -2.95 0.00	37.26 -3.32 0.00	37.72 -3.04 1.04	35.85 -2.78 0.00	31.37 -2.45 0.00	27.03 -1.88 0.00	25.03 -1.42 0.00	24.64 -1.63 0.00	24.40 -1.38 0.00
LONG_LAKE_PHOENIX 24014	29.48 -0.48 0.00	26.86 -0.45 0.00	25.92 -0.40 0.00	23.78 -0.36 0.00	21.37 -0.32 0.00	25.42 -0.38 0.00	26.86 -0.40 0.00	23.62 -0.33 0.00	23.71 -0.37 0.00	25.66 -0.45 0.00	29.33 -0.52 0.00	33.13 -0.52 0.00	28.48 -0.46 0.00	32.50 -0.48 0.00	30.75 -0.43 0.00	35.07 -0.50 0.00	40.10 -0.48 0.00	41.35 -0.46 0.00	38.19 -0.44 0.00	33.46 -0.36 0.00	28.60 -0.31 0.00	26.15 -0.30 0.00	25.91 -0.35 0.00	25.41 -0.37 0.00
LOVETT___3 23632	31.25 1.28 0.00	28.37 1.06 0.00	27.20 0.88 0.00	24.95 0.82 0.00	22.45 0.77 0.00	26.54 0.74 0.00	28.11 0.85 0.00	24.94 0.99 0.00	25.18 1.11 0.00	27.30 1.18 0.00	31.35 1.49 0.00	35.41 1.77 0.00	30.70 1.76 0.00	34.90 1.92 0.00	33.13 1.94 0.00	37.63 2.06 0.00	42.87 2.29 0.00	44.11 2.30 0.00	40.76 2.14 0.00	35.71 1.89 0.00	30.36 1.45 0.00	27.81 1.37 0.00	27.64 1.37 0.00	27.07 1.29 0.00
LOVETT___4 23642	31.25 1.28 0.00	28.37 1.06 0.00	27.20 0.88 0.00	24.95 0.82 0.00	22.45 0.77 0.00	26.54 0.74 0.00	28.11 0.85 0.00	24.94 0.99 0.00	25.18 1.11 0.00	27.30 1.18 0.00	31.35 1.49 0.00	35.41 1.77 0.00	30.70 1.76 0.00	34.90 1.92 0.00	33.13 1.94 0.00	37.63 2.06 0.00	42.87 2.29 0.00	44.11 2.30 0.00	40.76 2.14 0.00	35.71 1.89 0.00	30.36 1.45 0.00	27.81 1.37 0.00	27.64 1.37 0.00	27.07 1.29 0.00
LOVETT___5 23593	31.25 1.28 0.00	28.37 1.06 0.00	27.20 0.88 0.00	24.95 0.82 0.00	22.45 0.77 0.00	26.54 0.74 0.00	28.11 0.85 0.00	24.94 0.99 0.00	25.18 1.11 0.00	27.30 1.18 0.00	31.35 1.49 0.00	35.41 1.77 0.00	30.70 1.76 0.00	34.90 1.92 0.00	33.13 1.94 0.00	37.63 2.06 0.00	42.87 2.29 0.00	44.11 2.30 0.00	40.76 2.14 0.00	35.71 1.89 0.00	30.36 1.45 0.00	27.81 1.37 0.00	27.64 1.37 0.00	27.07 1.29 0.00
LOWER RAQUET___HYD 24057	29.60 -0.37 0.00	27.03 -0.28 0.00	26.06 -0.27 0.00	23.78 -0.36 0.00	21.25 -0.43 0.00	25.51 -0.30 0.00	26.95 -0.30 0.00	23.47 -0.48 0.00	23.66 -0.41 0.00	25.81 -0.29 0.00	29.37 -0.48 0.00	32.98 -0.66 0.00	28.17 -0.77 0.00	32.22 -0.77 0.00	30.47 -0.71 0.00	34.93 -0.64 0.00	40.12 -0.46 0.00	41.63 -0.18 0.00	38.37 -0.25 0.00	33.52 -0.30 0.00	28.72 -0.19 0.00	26.19 -0.25 0.00	25.99 -0.28 0.00	25.51 -0.27 0.00
LOWER___HUDSON 24059	30.89 0.93 0.00	28.12 0.81 0.00	27.04 0.72 0.00	24.86 0.73 0.00	22.42 0.74 0.00	26.54 0.74 0.00	28.02 0.76 0.00	24.79 0.84 0.00	24.97 0.90 0.00	26.98 0.87 0.00	30.85 1.00 0.00	34.78 1.13 0.00	29.93 0.99 0.00	34.01 1.02 0.00	32.19 1.02 0.00	36.58 1.01 0.00	41.67 1.09 0.00	43.00 1.19 0.00	39.70 1.08 0.00	34.82 1.00 0.00	29.85 0.93 0.00	27.30 0.85 0.00	27.14 0.88 0.00	26.60 0.82 0.00
LOWVILLE_115KV_TB2 356335	29.46 -0.51 0.00	26.75 -0.56 0.00	25.74 -0.58 0.00	23.57 -0.56 0.00	21.17 -0.51 0.00	25.34 -0.46 0.00	26.70 -0.56 0.00	23.50 -0.45 0.00	23.80 -0.27 0.00	25.90 -0.21 0.00	29.42 -0.43 0.00	33.30 -0.35 0.00	28.32 -0.61 0.00	32.34 -0.65 0.00	30.78 -0.40 0.00	35.32 -0.24 0.00	40.87 0.29 0.00	42.71 0.90 0.00	38.92 0.30 0.00	33.94 0.11 0.00	29.10 0.19 0.00	26.62 0.17 0.00	26.48 0.21 0.00	26.04 0.27 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.69 1.72 0.00	28.81 1.49 0.00	27.67 1.34 0.00	25.40 1.27 0.00	22.92 1.24 0.00	27.19 1.38 0.00	28.71 1.45 0.00	25.38 1.43 0.00	25.62 1.55 0.00	27.72 1.61 0.00	31.63 1.78 0.00	35.65 2.00 0.00	30.66 1.72 0.00	34.79 1.80 0.00	32.93 1.75 0.00	37.48 1.92 0.00	42.80 2.22 0.00	44.19 2.39 0.00	40.88 2.26 0.00	35.86 2.04 0.00	30.73 1.82 0.00	28.09 1.65 0.00	27.84 1.58 0.00	27.25 1.47 0.00



LUTHERNY_35_KV_BK2 355980	31.70 1.73 0.00	28.81 1.49 0.00	27.66 1.33 0.00	25.39 1.26 0.00	22.92 1.24 0.00	27.20 1.40 0.00	28.73 1.47 0.00	25.38 1.44 0.00	25.62 1.55 0.00	27.70 1.59 0.00	31.62 1.76 0.00	35.66 2.01 0.00	30.69 1.76 0.00	34.83 1.84 0.00	32.95 1.77 0.00	37.53 1.97 0.00	42.87 2.29 0.00	44.22 2.41 0.00	40.92 2.29 0.00	35.91 2.08 0.00	30.76 1.84 0.00	28.13 1.68 0.00	27.86 1.60 0.00	27.28 1.50 0.00
LWR___OSWEGATCHIE_HYD 23850	29.34 -0.63 0.00	26.73 -0.59 0.00	25.75 -0.58 0.00	23.53 -0.61 0.00	21.08 -0.60 0.00	25.27 -0.53 0.00	26.67 -0.59 0.00	23.35 -0.60 0.00	23.59 -0.49 0.00	25.70 -0.41 0.00	29.17 -0.69 0.00	32.91 -0.74 0.00	28.05 -0.88 0.00	32.09 -0.90 0.00	30.44 -0.74 0.00	34.91 -0.66 0.00	40.29 -0.30 0.00	41.96 0.15 0.00	38.42 -0.21 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.27 -0.18 0.00	26.07 -0.20 0.00	25.60 -0.17 0.00
LYONS_FALL_HYD 23570	29.86 -0.11 0.00	27.15 -0.17 0.00	26.12 -0.20 0.00	23.94 -0.19 0.00	21.51 -0.17 0.00	25.68 -0.12 0.00	27.09 -0.16 0.00	23.86 -0.08 0.00	24.10 0.03 0.00	26.19 0.08 0.00	29.84 -0.01 0.00	33.77 0.12 0.00	28.85 -0.08 0.00	32.91 -0.08 0.00	31.24 0.06 0.00	35.75 0.18 0.00	41.12 0.54 0.00	42.78 0.97 0.00	39.22 0.59 0.00	34.26 0.44 0.00	29.34 0.43 0.00	26.81 0.36 0.00	26.63 0.37 0.00	26.15 0.37 0.00
MADISON___COUNTY_LFGE 323628	30.44 0.48 0.00	27.71 0.39 0.00	26.69 0.37 0.00	24.47 0.34 0.00	22.00 0.32 0.00	26.18 0.37 0.00	27.67 0.41 0.00	24.41 0.46 0.00	24.52 0.45 0.00	26.61 0.50 0.00	30.47 0.62 0.00	34.48 0.84 0.00	29.63 0.70 0.00	33.71 0.72 0.00	31.91 0.73 0.00	36.34 0.77 0.00	41.47 0.89 0.00	42.96 1.16 0.00	39.74 1.12 0.00	34.85 1.03 0.00	29.78 0.87 0.00	27.18 0.73 0.00	26.93 0.67 0.00	26.39 0.61 0.00
MALONE___115KV_TB1 356076	30.25 0.29 0.00	27.73 0.41 0.00	26.73 0.40 0.00	24.34 0.21 0.00	21.74 0.05 0.00	26.05 0.25 0.00	27.57 0.31 0.00	24.07 0.13 0.00	24.33 0.26 0.00	26.52 0.41 0.00	30.25 0.39 0.00	33.89 0.24 0.00	28.97 0.03 0.00	33.13 0.14 0.00	31.41 0.23 0.00	35.88 0.32 0.00	41.16 0.58 0.00	42.59 0.78 0.00	39.38 0.75 0.00	34.44 0.62 0.00	29.47 0.56 0.00	26.75 0.30 0.00	26.56 0.29 0.00	26.01 0.24 0.00
MAPLEWOD_115KV_TB3 80458	30.62 0.65 0.00	27.90 0.59 0.00	26.83 0.51 0.00	24.66 0.53 0.00	22.22 0.54 0.00	26.30 0.50 0.00	27.77 0.51 0.00	24.60 0.65 0.00	24.74 0.67 0.00	26.74 0.63 0.00	30.60 0.75 0.00	34.51 0.87 0.00	29.72 0.79 0.00	33.81 0.82 0.00	32.03 0.85 0.00	36.42 0.85 0.00	41.52 0.93 0.00	42.80 0.99 0.00	39.51 0.89 0.00	34.63 0.81 0.00	29.65 0.74 0.00	27.12 0.67 0.00	26.96 0.69 0.00	26.40 0.62 0.00
MAPLE_RIDGE_WT_1 323574	29.18 -0.79 0.00	26.69 -0.62 0.00	25.64 -0.68 0.00	23.37 -0.77 0.00	21.04 -0.64 0.00	25.33 -0.47 0.00	26.58 -0.68 0.00	23.16 -0.79 0.00	23.30 -0.77 0.00	25.62 -0.49 0.00	29.03 -0.82 0.00	32.62 -1.03 0.00	28.12 -0.81 0.00	32.31 -0.68 0.00	30.66 -0.52 0.00	35.02 -0.55 0.00	40.00 -0.58 0.00	41.41 -0.39 0.00	37.90 -0.72 0.00	32.97 -0.85 0.00	28.23 -0.68 0.00	25.83 -0.62 0.00	25.67 -0.60 0.00	25.43 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	29.18 -0.79 0.00	26.69 -0.62 0.00	25.64 -0.68 0.00	23.37 -0.77 0.00	21.04 -0.64 0.00	25.33 -0.47 0.00	26.58 -0.68 0.00	23.16 -0.79 0.00	23.30 -0.77 0.00	25.62 -0.49 0.00	29.03 -0.82 0.00	32.62 -1.03 0.00	28.12 -0.81 0.00	32.31 -0.68 0.00	30.66 -0.52 0.00	35.02 -0.55 0.00	40.00 -0.58 0.00	41.41 -0.39 0.00	37.90 -0.72 0.00	32.97 -0.85 0.00	28.23 -0.68 0.00	25.83 -0.62 0.00	25.67 -0.60 0.00	25.43 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	30.28 0.31 0.00	27.77 0.45 0.00	26.77 0.45 0.00	24.40 0.27 0.00	21.79 0.11 0.00	26.09 0.29 0.00	27.60 0.34 0.00	24.15 0.21 0.00	24.42 0.34 0.00	26.50 0.39 0.00	30.25 0.39 0.00	33.98 0.33 0.00	29.05 0.11 0.00	33.12 0.13 0.00	31.49 0.30 0.00	35.87 0.30 0.00	41.18 0.60 0.00	42.52 0.71 0.00	39.29 0.66 0.00	34.38 0.55 0.00	29.37 0.46 0.00	26.68 0.23 0.00	26.51 0.25 0.00	26.01 0.23 0.00
MARSHVLE_115KV_TB1 80742	31.66 1.70 0.00	28.88 1.56 0.00	27.86 1.53 0.00	25.49 1.36 0.00	22.82 1.14 0.00	27.22 1.42 0.00	28.78 1.52 0.00	25.20 1.26 0.00	25.33 1.26 0.00	27.51 1.41 0.00	31.31 1.46 0.00	35.21 1.56 0.00	30.24 1.30 0.00	34.50 1.52 0.00	32.67 1.48 0.00	37.30 1.73 0.00	42.89 2.31 0.00	44.36 2.55 0.00	41.08 2.45 0.00	35.96 2.14 0.00	30.72 1.81 0.00	28.09 1.64 0.00	27.85 1.59 0.00	27.30 1.52 0.00
MARSH_HILL_WT_PWR 323713	27.96 -2.00 0.01	26.06 -1.25 0.00	24.54 -1.56 0.22	7.73 -1.75 14.65	20.09 -1.40 0.19	19.71 -1.80 4.30	25.87 -1.39 0.00	18.69 -0.79 4.47	23.20 -0.74 0.13	25.65 -0.45 0.00	29.27 -0.59 0.00	33.15 -0.50 0.00	28.63 -0.31 0.00	32.60 -0.39 0.00	27.08 -0.91 3.20	34.63 -0.93 0.00	39.65 -0.93 0.00	37.40 -0.94 3.47	38.26 -0.37 0.00	33.88 0.06 0.00	28.90 -0.01 0.00	26.61 0.16 0.00	26.13 -0.14 0.00	25.71 -0.07 0.00
MCINTYRE_115KV_TB2 80467	30.46 0.50 0.00	27.82 0.50 0.00	26.81 0.49 0.00	24.48 0.34 0.00	21.88 0.19 0.00	26.26 0.46 0.00	27.76 0.50 0.00	24.14 0.19 0.00	24.28 0.21 0.00	26.47 0.36 0.00	30.05 0.19 0.00	33.65 0.01 0.00	28.73 -0.20 0.00	32.81 -0.18 0.00	30.95 -0.23 0.00	35.50 -0.07 0.00	40.96 0.38 0.00	42.76 0.95 0.00	39.53 0.91 0.00	34.51 0.69 0.00	29.58 0.67 0.00	26.98 0.53 0.00	26.72 0.46 0.00	26.23 0.46 0.00
MECO_____69_KV_BK1 80468	32.92 2.95 0.00	29.97 2.66 0.00	28.84 2.52 0.00	26.40 2.26 0.00	23.67 1.99 0.00	28.20 2.39 0.00	29.82 2.57 0.00	26.19 2.25 0.00	26.43 2.36 0.00	28.64 2.53 0.00	32.51 2.65 0.00	35.83 2.18 0.00	30.41 1.47 0.00	34.23 1.24 0.00	32.79 1.61 0.00	36.90 1.33 0.00	44.32 3.74 0.00	46.22 4.41 0.00	43.13 4.51 0.00	37.79 3.97 0.00	32.29 3.39 0.00	29.44 3.00 0.00	29.11 2.85 0.00	28.41 2.63 0.00
MENANDS___115KV_TB5 355628	30.43 0.46 0.00	27.73 0.42 0.00	26.68 0.35 0.00	24.52 0.38 0.00	22.10 0.42 0.00	26.15 0.35 0.00	27.61 0.35 0.00	24.47 0.52 0.00	24.60 0.52 0.00	26.57 0.46 0.00	30.42 0.56 0.00	34.31 0.66 0.00	29.55 0.62 0.00	33.62 0.63 0.00	31.85 0.67 0.00	36.20 0.63 0.00	41.25 0.66 0.00	42.50 0.69 0.00	39.23 0.61 0.00	34.40 0.58 0.00	29.43 0.52 0.00	26.93 0.48 0.00	26.78 0.51 0.00	26.23 0.46 0.00
MG INDUSTRY___DRP 24185	30.51 0.54 0.00	27.81 0.50 0.00	26.78 0.46 0.00	24.61 0.48 0.00	22.16 0.48 0.00	26.25 0.45 0.00	27.72 0.47 0.00	24.52 0.58 0.00	24.65 0.57 0.00	26.62 0.51 0.00	30.44 0.59 0.00	34.32 0.68 0.00	29.53 0.59 0.00	33.60 0.61 0.00	31.81 0.63 0.00	36.20 0.63 0.00	41.32 0.74 0.00	42.54 0.73 0.00	39.31 0.69 0.00	34.50 0.68 0.00	29.52 0.60 0.00	27.00 0.55 0.00	26.83 0.57 0.00	26.29 0.52 0.00



MID___OSWEGATCHIE_HYD 23849	29.34 -0.63 0.00	26.73 -0.59 0.00	25.75 -0.58 0.00	23.53 -0.61 0.00	21.08 -0.60 0.00	25.27 -0.53 0.00	26.67 -0.59 0.00	23.35 -0.60 0.00	23.59 -0.49 0.00	25.70 -0.41 0.00	29.17 -0.69 0.00	32.91 -0.74 0.00	28.05 -0.88 0.00	32.09 -0.90 0.00	30.44 -0.74 0.00	34.91 -0.66 0.00	40.29 -0.30 0.00	41.96 0.15 0.00	38.42 -0.21 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.27 -0.18 0.00	26.07 -0.20 0.00	25.60 -0.17 0.00
MID___RAQUETTE_HYD 23851	29.60 -0.37 0.00	27.03 -0.28 0.00	26.06 -0.27 0.00	23.77 -0.36 0.00	21.25 -0.43 0.00	25.51 -0.30 0.00	26.95 -0.30 0.00	23.47 -0.48 0.00	23.66 -0.41 0.00	25.82 -0.29 0.00	29.37 -0.48 0.00	32.99 -0.66 0.00	28.17 -0.77 0.00	32.22 -0.77 0.00	30.47 -0.70 0.00	34.93 -0.64 0.00	40.12 -0.46 0.00	41.63 -0.18 0.00	38.37 -0.25 0.00	33.52 -0.30 0.00	28.72 -0.19 0.00	26.19 -0.25 0.00	25.99 -0.28 0.00	25.51 -0.27 0.00
MILLIKEN___1 23584	30.27 0.30 -0.01	27.55 0.23 0.00	26.75 0.24 -0.19	36.63 0.20 -12.31	22.03 0.19 -0.16	29.64 0.23 -3.61	27.48 0.23 0.00	28.02 0.34 -3.74	24.50 0.31 -0.11	26.46 0.35 0.00	30.28 0.43 0.00	34.16 0.51 0.00	29.40 0.46 0.00	33.38 0.39 0.00	34.27 0.40 -2.69	35.97 0.40 0.00	41.12 0.54 0.00	45.50 0.77 -2.92	39.41 0.78 0.00	34.57 0.75 0.00	29.60 0.69 0.00	27.05 0.60 0.00	26.75 0.48 0.00	26.25 0.47 0.00
MILLIKEN___2 23585	30.27 0.30 -0.01	27.55 0.23 0.00	26.75 0.24 -0.19	36.63 0.20 -12.31	22.03 0.19 -0.16	29.64 0.23 -3.61	27.48 0.23 0.00	28.02 0.34 -3.74	24.50 0.31 -0.11	26.46 0.35 0.00	30.28 0.43 0.00	34.16 0.51 0.00	29.40 0.46 0.00	33.38 0.39 0.00	34.27 0.40 -2.69	35.97 0.40 0.00	41.12 0.54 0.00	45.50 0.77 -2.92	39.41 0.78 0.00	34.57 0.75 0.00	29.60 0.69 0.00	27.05 0.60 0.00	26.75 0.48 0.00	26.25 0.47 0.00
MILLIKEN___DIESEL 23629	30.27 0.30 -0.01	27.55 0.23 0.00	26.75 0.24 -0.19	36.63 0.20 -12.31	22.03 0.19 -0.16	29.64 0.23 -3.61	27.48 0.23 0.00	28.02 0.34 -3.74	24.50 0.31 -0.11	26.46 0.35 0.00	30.28 0.43 0.00	34.16 0.51 0.00	29.40 0.46 0.00	33.38 0.39 0.00	34.27 0.40 -2.69	35.97 0.40 0.00	41.12 0.54 0.00	45.50 0.77 -2.92	39.41 0.78 0.00	34.57 0.75 0.00	29.60 0.69 0.00	27.05 0.60 0.00	26.75 0.48 0.00	26.25 0.47 0.00
MILLSEAT___LFGE 323607	28.57 -1.39 0.00	26.14 -1.18 0.00	25.15 -1.11 0.06	19.01 -1.02 4.10	20.56 -1.07 0.06	23.60 -1.00 1.20	26.10 -1.15 0.00	21.47 -1.20 1.28	22.95 -1.08 0.04	25.23 -0.88 0.00	28.84 -1.01 0.00	32.59 -1.05 0.00	28.02 -0.91 0.00	31.55 -1.44 0.00	28.65 -1.65 0.88	33.62 -1.95 0.00	38.46 -2.12 0.00	39.10 -1.75 0.96	37.12 -1.50 0.00	32.51 -1.31 0.00	27.98 -0.93 0.00	25.84 -0.61 0.00	25.40 -0.87 0.00	25.07 -0.71 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.33 1.36 0.00	28.45 1.14 0.00	27.28 0.95 0.00	25.03 0.89 0.00	22.53 0.85 0.00	26.62 0.82 0.00	28.19 0.93 0.00	25.02 1.07 0.00	25.26 1.18 0.00	27.38 1.27 0.00	31.44 1.59 0.00	35.50 1.86 0.00	30.77 1.83 0.00	34.98 1.99 0.00	33.20 2.02 0.00	37.69 2.12 0.00	42.89 2.31 0.00	44.15 2.34 0.00	40.80 2.18 0.00	35.76 1.94 0.00	30.40 1.49 0.00	27.86 1.41 0.00	27.69 1.43 0.00	27.12 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	31.41 1.45 0.00	28.53 1.22 0.00	27.35 1.03 0.00	25.09 0.96 0.00	22.58 0.90 0.00	26.69 0.89 0.00	28.26 1.00 0.00	25.09 1.14 0.00	25.32 1.25 0.00	27.46 1.34 0.00	31.54 1.69 0.00	35.62 1.97 0.00	30.87 1.93 0.00	35.08 2.09 0.00	33.31 2.12 0.00	37.81 2.24 0.00	43.03 2.44 0.00	44.29 2.48 0.00	40.94 2.32 0.00	35.88 2.06 0.00	30.51 1.60 0.00	27.95 1.50 0.00	27.78 1.51 0.00	27.20 1.42 0.00
MODEL_CITY_ENERGY 24167	27.53 -2.44 0.00	25.23 -2.09 0.00	24.29 -1.97 0.07	17.82 -1.76 4.55	19.86 -1.77 0.06	22.66 -1.81 1.34	25.23 -2.03 0.00	20.54 -1.99 1.41	22.15 -1.88 0.04	24.39 -1.72 0.00	27.82 -2.03 0.00	31.56 -2.09 0.00	27.09 -1.85 0.00	30.39 -2.59 0.00	27.42 -2.80 0.97	32.23 -3.33 0.00	36.84 -3.74 0.00	37.27 -3.48 1.05	35.46 -3.16 0.00	31.02 -2.80 0.00	26.74 -2.17 0.00	24.77 -1.67 0.00	24.37 -1.89 0.00	24.15 -1.62 0.00
MODERN_LFGE___ 323580	27.53 -2.44 0.00	25.23 -2.09 0.00	24.29 -1.97 0.07	17.82 -1.76 4.55	19.86 -1.77 0.06	22.66 -1.81 1.34	25.23 -2.03 0.00	20.54 -1.99 1.41	22.15 -1.88 0.04	24.39 -1.72 0.00	27.82 -2.03 0.00	31.56 -2.09 0.00	27.09 -1.85 0.00	30.39 -2.59 0.00	27.42 -2.80 0.97	32.23 -3.33 0.00	36.84 -3.74 0.00	37.27 -3.48 1.05	35.46 -3.16 0.00	31.02 -2.80 0.00	26.74 -2.17 0.00	24.77 -1.67 0.00	24.37 -1.89 0.00	24.15 -1.62 0.00
MOHAWK_PAPER___DRP 24187	30.62 0.65 0.00	27.90 0.59 0.00	26.83 0.51 0.00	24.66 0.53 0.00	22.22 0.54 0.00	26.30 0.50 0.00	27.77 0.51 0.00	24.60 0.65 0.00	24.74 0.67 0.00	26.74 0.63 0.00	30.60 0.75 0.00	34.51 0.87 0.00	29.72 0.79 0.00	33.81 0.82 0.00	32.03 0.85 0.00	36.42 0.85 0.00	41.52 0.93 0.00	42.80 0.99 0.00	39.51 0.89 0.00	34.63 0.81 0.00	29.65 0.74 0.00	27.12 0.67 0.00	26.96 0.69 0.00	26.40 0.62 0.00
MOHICAN___35_KV_115KV_LD 80490	32.15 2.19 0.00	29.22 1.91 0.00	28.05 1.72 0.00	25.74 1.60 0.00	23.25 1.57 0.00	27.56 1.76 0.00	29.10 1.84 0.00	25.75 1.81 0.00	26.09 2.01 0.00	28.23 2.13 0.00	32.12 2.27 0.00	36.19 2.55 0.00	31.10 2.16 0.00	35.15 2.17 0.00	33.24 2.06 0.00	37.84 2.27 0.00	43.29 2.71 0.00	44.76 2.96 0.00	41.53 2.91 0.00	36.42 2.60 0.00	31.25 2.34 0.00	28.54 2.09 0.00	28.25 1.98 0.00	27.62 1.85 0.00
MONGAUP___HYD 23641	31.38 1.41 0.00	28.50 1.18 0.00	27.36 1.03 0.00	25.08 0.95 0.00	22.56 0.87 0.00	26.72 0.91 0.00	28.37 1.11 0.00	25.18 1.23 0.00	25.41 1.34 0.00	27.55 1.44 0.00	31.26 1.40 0.00	35.00 1.35 0.00	30.12 1.19 0.00	34.17 1.19 0.00	32.41 1.23 0.00	36.91 1.34 0.00	42.73 2.15 0.00	44.27 2.46 0.00	40.90 2.28 0.00	35.98 2.16 0.00	30.68 1.77 0.00	28.06 1.62 0.00	27.83 1.57 0.00	27.29 1.51 0.00
MONTAUK___DIESEL 23721	33.03 3.06 0.00	29.88 2.57 0.00	28.66 2.33 0.00	26.26 2.13 0.00	23.57 1.89 0.00	27.84 2.04 0.00	29.71 2.46 0.00	26.38 2.44 0.00	26.67 2.60 0.00	29.18 3.07 0.00	35.56 3.80 -1.91	38.22 4.29 -0.29	36.50 4.15 -3.41	37.46 4.25 -0.23	35.48 3.91 -0.39	39.34 3.77 0.00	44.81 4.23 0.00	46.14 4.33 0.00	42.58 3.95 0.00	37.47 3.65 0.00	31.76 2.85 0.00	29.02 2.57 0.00	29.30 2.75 -0.29	28.05 2.27 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.93 -2.03 0.00	25.35 -1.96 0.00	24.30 -1.94 0.09	16.42 -1.56 6.16	20.28 -1.32 0.08	22.75 -1.24 1.81	25.95 -1.31 0.00	20.84 -1.22 1.90	22.92 -1.10 0.06	25.30 -0.81 0.00	28.89 -0.97 0.00	32.71 -0.93 0.00	28.18 -0.76 0.00	31.84 -1.15 0.00	28.15 -1.69 1.34	33.70 -1.87 0.00	38.41 -2.17 0.00	38.36 -2.00 1.46	36.58 -2.04 0.00	32.09 -1.73 0.00	27.52 -1.39 0.00	25.62 -0.83 0.00	25.45 -0.82 0.00	25.10 -0.68 0.00



MORRIS_RIDGE___SOLAR 323848	27.68 -2.29 0.00	25.32 -1.99 0.00	24.30 -1.91 0.12	14.79 -1.71 7.64	19.88 -1.70 0.10	21.69 -1.87 2.24	25.46 -1.80 0.00	20.02 -1.59 2.34	22.55 -1.46 0.07	24.76 -1.35 0.00	28.27 -1.58 0.00	32.12 -1.52 0.00	27.64 -1.29 0.00	31.29 -1.70 0.00	27.66 -1.86 1.67	33.48 -2.09 0.00	38.26 -2.32 0.00	37.75 -2.25 1.81	36.66 -1.97 0.00	32.11 -1.71 0.00	27.63 -1.28 0.00	25.44 -1.01 0.00	25.17 -1.10 0.00	24.84 -0.94 0.00
MORTIMER_115KV_TB3 55949	28.99 -0.97 0.00	26.48 -0.84 0.00	25.49 -0.79 0.04	20.47 -0.74 2.92	20.89 -0.75 0.04	24.21 -0.74 0.85	26.40 -0.85 0.00	22.16 -0.86 0.93	23.23 -0.81 0.03	25.45 -0.66 0.00	29.09 -0.76 0.00	32.90 -0.75 0.00	28.30 -0.63 0.00	32.06 -0.92 0.00	29.54 -1.01 0.63	34.33 -1.23 0.00	39.21 -1.37 0.00	39.96 -1.16 0.69	37.60 -1.02 0.00	32.90 -0.92 0.00	28.23 -0.68 0.00	25.96 -0.48 0.00	25.61 -0.66 0.00	25.22 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.56 1.59 0.00	28.66 1.34 0.00	27.46 1.13 0.00	25.19 1.05 0.00	22.67 0.99 0.00	26.78 0.98 0.00	28.36 1.11 0.00	25.20 1.25 0.00	25.44 1.37 0.00	27.59 1.48 0.00	31.70 1.84 0.00	35.79 2.14 0.00	31.03 2.10 0.00	35.29 2.31 0.00	33.49 2.32 0.00	38.03 2.46 0.00	43.21 2.63 0.00	44.47 2.66 0.00	41.11 2.49 0.00	36.05 2.23 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.91 1.64 0.00	27.33 1.55 0.00
MUNSVILLE_WIND_PWR 323609	31.18 1.21 0.00	28.20 0.88 0.00	27.45 1.03 -0.10	31.42 0.83 -6.46	22.56 0.80 -0.09	28.75 1.05 -1.89	28.32 1.06 0.00	27.15 1.24 -1.96	25.43 1.30 -0.06	27.56 1.46 0.00	31.56 1.71 0.00	35.72 2.07 0.00	30.77 1.84 0.00	34.87 1.88 0.00	34.44 1.85 -1.41	37.72 2.15 0.00	43.26 2.68 0.00	46.36 3.02 -1.53	41.47 2.85 0.00	36.42 2.60 0.00	31.21 2.30 0.00	28.35 1.90 0.00	27.91 1.64 0.00	27.39 1.61 0.00
N SALMON___HYD 24042	30.25 0.28 0.00	27.73 0.41 0.00	26.73 0.40 0.00	24.34 0.21 0.00	21.74 0.05 0.00	26.06 0.25 0.00	27.57 0.31 0.00	24.07 0.13 0.00	24.33 0.26 0.00	26.52 0.41 0.00	30.25 0.39 0.00	33.89 0.24 0.00	28.97 0.03 0.00	33.13 0.14 0.00	31.41 0.23 0.00	35.88 0.32 0.00	41.16 0.58 0.00	42.59 0.78 0.00	39.38 0.75 0.00	34.44 0.62 0.00	29.47 0.56 0.00	26.75 0.30 0.00	26.55 0.29 0.00	26.01 0.24 0.00
N.AKRON__115KV_KNAPP 355671	28.41 -1.56 0.00	25.98 -1.33 0.00	25.01 -1.26 0.06	18.81 -1.11 4.22	20.44 -1.18 0.06	23.44 -1.13 1.24	25.96 -1.29 0.00	21.30 -1.32 1.32	22.82 -1.21 0.04	25.12 -1.00 0.00	28.68 -1.17 0.00	32.47 -1.18 0.00	27.92 -1.02 0.00	31.44 -1.55 0.00	28.47 -1.80 0.91	33.40 -2.16 0.00	38.23 -2.36 0.00	38.81 -2.02 0.99	36.84 -1.78 0.00	32.26 -1.56 0.00	27.77 -1.14 0.00	25.66 -0.78 0.00	25.23 -1.04 0.00	24.93 -0.85 0.00
N.BELMOR_69_KV_BK1 55787	31.95 1.98 0.00	28.96 1.64 0.00	27.75 1.42 0.00	25.41 1.27 0.00	22.83 1.15 0.00	26.94 1.13 0.00	28.61 1.36 0.00	25.42 1.48 0.00	25.66 1.59 0.00	27.89 1.77 0.00	34.06 2.29 -1.91	36.42 2.49 -0.29	34.90 2.56 -3.41	35.88 2.66 -0.23	34.24 2.67 -0.39	38.17 2.61 0.00	43.46 2.88 0.00	44.74 2.94 0.00	41.32 2.70 0.00	36.23 2.41 0.00	30.78 1.87 0.00	28.32 1.87 0.00	28.56 1.99 -0.29	27.68 1.90 0.00
N.E_GEN_SANDY PD 24062	29.44 0.85 1.37	28.07 0.76 0.00	26.97 0.64 0.00	24.33 0.67 0.47	22.36 0.67 -0.01	26.43 0.62 0.00	27.91 0.66 0.00	24.35 0.79 0.39	24.94 0.87 0.00	26.95 0.84 0.00	30.86 1.01 0.00	34.81 1.17 0.00	30.03 1.10 0.00	34.11 1.12 0.00	32.57 1.15 -0.23	36.11 1.09 0.55	41.70 1.12 0.00	42.34 1.21 0.68	39.69 1.06 0.00	34.81 0.99 0.00	29.78 0.87 0.00	27.26 0.81 0.00	27.14 0.88 0.00	26.61 0.84 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.31 1.35 0.00	28.43 1.12 0.00	27.26 0.93 0.00	25.00 0.87 0.00	22.49 0.81 0.00	26.59 0.79 0.00	28.15 0.90 0.00	24.99 1.04 0.00	25.23 1.16 0.00	27.35 1.24 0.00	31.42 1.56 0.00	35.50 1.86 0.00	30.77 1.84 0.00	34.99 2.01 0.00	33.22 2.04 0.00	37.74 2.17 0.00	43.00 2.42 0.00	44.26 2.45 0.00	40.89 2.26 0.00	35.81 1.99 0.00	30.44 1.53 0.00	27.88 1.44 0.00	27.71 1.45 0.00	27.13 1.35 0.00
N.QUEENS_27_KV_LOAD 356247	31.67 1.70 0.00	28.76 1.44 0.00	27.55 1.23 0.00	25.29 1.16 0.00	22.76 1.07 0.00	26.85 1.05 0.00	28.47 1.21 0.00	25.29 1.34 0.00	25.55 1.47 0.00	27.66 1.55 0.00	31.83 1.97 0.00	35.91 2.26 0.00	31.13 2.20 0.00	35.41 2.43 0.00	33.63 2.45 0.00	38.13 2.57 0.00	43.28 2.70 0.00	44.55 2.74 0.00	41.21 2.58 0.00	36.16 2.34 0.00	30.72 1.81 0.00	28.20 1.75 0.00	28.01 1.74 0.00	27.38 1.61 0.00
N.TROY___115KV_TB1 355778	30.89 0.93 0.00	28.12 0.81 0.00	27.04 0.72 0.00	24.86 0.73 0.00	22.42 0.74 0.00	26.54 0.74 0.00	28.02 0.77 0.00	24.79 0.84 0.00	24.97 0.90 0.00	26.98 0.87 0.00	30.85 1.00 0.00	34.78 1.13 0.00	29.93 0.99 0.00	34.01 1.02 0.00	32.20 1.02 0.00	36.57 1.01 0.00	41.67 1.09 0.00	43.00 1.19 0.00	39.70 1.08 0.00	34.82 1.00 0.00	29.85 0.94 0.00	27.30 0.85 0.00	27.14 0.88 0.00	26.60 0.83 0.00
NARROWS_GT1_1 24228	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT1_2 24229	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT1_3 24230	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT1_4 24231	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00



NARROWS_GT1_5 24232	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT1_6 24233	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT1_7 24234	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT1_8 24235	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_1 24236	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_2 24237	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_3 24238	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_4 24239	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_5 24240	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_6 24241	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_7 24242	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NARROWS_GT2_8 24243	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.30 2.72 0.00	44.60 2.79 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.05 1.08 0.00	28.27 0.96 0.00	27.22 0.89 0.00	25.01 0.88 0.00	22.54 0.86 0.00	26.69 0.89 0.00	28.19 0.93 0.00	24.98 1.04 0.00	25.14 1.07 0.00	27.19 1.08 0.00	31.04 1.19 0.00	35.05 1.41 0.00	30.05 1.11 0.00	34.19 1.20 0.00	32.36 1.18 0.00	36.78 1.22 0.00	42.17 1.59 0.00	43.44 1.63 0.00	40.16 1.54 0.00	35.28 1.46 0.00	30.22 1.31 0.00	27.59 1.14 0.00	27.36 1.09 0.00	26.72 0.95 0.00
NCHELSEA_115KV_TR2 355582	31.48 1.51 0.00	28.59 1.27 0.00	27.42 1.10 0.00	25.15 1.02 0.00	22.64 0.96 0.00	26.77 0.97 0.00	28.33 1.07 0.00	25.14 1.19 0.00	25.38 1.31 0.00	27.52 1.41 0.00	31.59 1.73 0.00	35.68 2.04 0.00	30.88 1.95 0.00	35.10 2.11 0.00	33.32 2.14 0.00	37.86 2.30 0.00	43.13 2.55 0.00	44.45 2.64 0.00	41.08 2.45 0.00	35.98 2.16 0.00	30.61 1.70 0.00	28.02 1.58 0.00	27.84 1.58 0.00	27.25 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	31.59 1.63 0.00	28.73 1.42 0.00	27.60 1.28 0.00	25.35 1.21 0.00	22.86 1.18 0.00	27.10 1.30 0.00	28.61 1.36 0.00	25.31 1.37 0.00	25.55 1.48 0.00	27.64 1.53 0.00	31.57 1.71 0.00	35.58 1.93 0.00	30.60 1.66 0.00	34.75 1.77 0.00	32.89 1.71 0.00	37.42 1.85 0.00	42.72 2.14 0.00	44.12 2.32 0.00	40.78 2.16 0.00	35.77 1.94 0.00	30.66 1.75 0.00	28.02 1.57 0.00	27.79 1.52 0.00	27.19 1.41 0.00



NEG CENTRAL_HIGH_ACRES 23767	28.71 -1.26 0.00	26.20 -1.12 0.00	25.23 -1.06 0.03	20.95 -1.00 2.19	20.70 -0.95 0.03	24.15 -1.02 0.64	26.14 -1.11 0.00	22.22 -1.04 0.69	23.03 -1.02 0.02	25.19 -0.92 0.00	28.83 -1.02 0.00	32.60 -1.05 0.00	28.06 -0.87 0.00	31.81 -1.17 0.00	29.50 -1.21 0.48	34.10 -1.47 0.00	38.99 -1.59 0.00	39.87 -1.42 0.52	37.36 -1.27 0.00	32.66 -1.16 0.00	27.98 -0.93 0.00	25.69 -0.76 0.00	25.34 -0.92 0.00	24.93 -0.84 0.00
NEG CENTRAL____DRP 24199	29.51 -0.46 0.00	26.87 -0.44 0.00	25.84 -0.43 0.05	20.54 -0.41 3.19	21.27 -0.37 0.04	24.45 -0.42 0.94	26.84 -0.42 0.00	22.70 -0.29 0.96	23.73 -0.31 0.03	25.83 -0.28 0.00	29.55 -0.31 0.00	33.35 -0.30 0.00	28.76 -0.17 0.00	32.74 -0.25 0.00	30.13 -0.35 0.70	35.19 -0.38 0.00	40.17 -0.41 0.00	40.74 -0.31 0.76	38.48 -0.15 0.00	33.75 -0.07 0.00	28.90 -0.01 0.00	26.45 0.01 0.00	26.15 -0.11 0.00	25.67 -0.11 0.00
NEG CENTRAL____INDECK 23768	29.23 -0.73 0.00	26.71 -0.60 0.00	25.64 -0.58 0.10	17.17 -0.54 6.43	20.98 -0.61 0.09	23.35 -0.57 1.89	26.74 -0.52 0.00	21.45 -0.51 1.98	23.57 -0.44 0.06	25.80 -0.31 0.00	29.56 -0.29 0.00	33.15 -0.49 0.00	28.47 -0.47 0.00	32.31 -0.68 0.00	29.04 -0.73 1.40	34.72 -0.85 0.00	39.68 -0.90 0.00	39.75 -0.54 1.52	38.17 -0.46 0.00	33.63 -0.19 0.00	29.04 0.13 0.00	26.73 0.28 0.00	26.33 0.06 0.00	25.90 0.12 0.00
NEG CENTRAL____SENECA 23627	29.33 -0.63 0.00	26.71 -0.60 0.00	25.63 -0.61 0.09	17.77 -0.55 5.81	21.08 -0.53 0.08	23.51 -0.58 1.70	26.70 -0.56 0.00	21.75 -0.42 1.77	23.60 -0.42 0.05	25.76 -0.35 0.00	29.45 -0.40 0.00	33.28 -0.37 0.00	28.70 -0.23 0.00	32.68 -0.31 0.00	29.44 -0.47 1.27	35.06 -0.51 0.00	40.06 -0.52 0.00	39.95 -0.48 1.38	38.41 -0.21 0.00	33.69 -0.13 0.00	28.88 -0.03 0.00	26.46 0.01 0.00	26.13 -0.13 0.00	25.65 -0.13 0.00
NEG CENTRAL____STATE_STREET 24147	29.97 0.00 0.00	27.32 0.01 0.00	26.35 0.00 -0.02	25.27 -0.05 -1.19	21.72 0.02 -0.02	26.16 0.00 -0.35	27.20 -0.06 0.00	24.43 0.10 -0.38	24.15 0.06 -0.01	26.18 0.07 0.00	29.95 0.09 0.00	33.78 0.13 0.00	29.11 0.17 0.00	33.02 0.04 0.00	31.46 0.02 -0.26	35.63 0.07 0.00	40.64 0.06 0.00	42.45 0.36 -0.28	38.83 0.20 0.00	34.12 0.30 0.00	29.23 0.32 0.00	26.70 0.25 0.00	26.37 0.11 0.00	25.94 0.17 0.00
NEG MILLWOOD____DRP 24198	31.58 1.62 0.00	28.68 1.37 0.00	27.49 1.17 0.00	25.22 1.09 0.00	22.70 1.02 0.00	26.83 1.03 0.00	28.41 1.15 0.00	25.22 1.27 0.00	25.47 1.39 0.00	27.64 1.53 0.00	31.74 1.88 0.00	35.85 2.20 0.00	31.04 2.10 0.00	35.27 2.29 0.00	33.47 2.29 0.00	38.02 2.45 0.00	43.27 2.69 0.00	44.58 2.77 0.00	41.21 2.58 0.00	36.12 2.29 0.00	30.71 1.80 0.00	28.12 1.68 0.00	27.93 1.67 0.00	27.34 1.56 0.00
NEG NORTH_FLCN_SEA 23793	30.78 0.82 0.00	28.26 0.94 0.00	27.25 0.93 0.00	24.87 0.74 0.00	22.24 0.56 0.00	26.55 0.75 0.00	28.08 0.82 0.00	24.69 0.75 0.00	24.96 0.89 0.00	27.02 0.91 0.00	30.86 1.00 0.00	34.69 1.04 0.00	29.68 0.75 0.00	33.77 0.78 0.00	32.09 0.91 0.00	36.51 0.94 0.00	41.96 1.38 0.00	43.37 1.56 0.00	40.11 1.49 0.00	35.16 1.34 0.00	30.06 1.15 0.00	27.31 0.87 0.00	27.13 0.86 0.00	26.62 0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	30.20 0.23 0.00	27.68 0.37 0.00	26.68 0.36 0.00	24.29 0.16 0.00	21.68 0.00 0.00	25.99 0.19 0.00	27.51 0.25 0.00	24.01 0.07 0.00	24.26 0.19 0.00	26.39 0.28 0.00	30.12 0.27 0.00	33.77 0.12 0.00	28.86 -0.07 0.00	32.95 -0.03 0.00	31.32 0.14 0.00	35.72 0.15 0.00	40.96 0.38 0.00	42.28 0.48 0.00	39.13 0.50 0.00	34.27 0.45 0.00	29.28 0.37 0.00	26.59 0.14 0.00	26.40 0.14 0.00	25.88 0.11 0.00
NEG NORTH____ALICE_FALLS 23915	30.81 0.84 0.00	28.35 1.03 0.00	27.33 1.01 0.00	24.94 0.81 0.00	22.33 0.64 0.00	26.64 0.83 0.00	28.15 0.90 0.00	24.75 0.81 0.00	25.08 1.01 0.00	27.14 1.03 0.00	30.95 1.09 0.00	34.82 1.18 0.00	29.78 0.85 0.00	33.91 0.92 0.00	32.19 1.01 0.00	36.67 1.10 0.00	42.07 1.49 0.00	43.52 1.71 0.00	40.26 1.64 0.00	35.29 1.47 0.00	30.17 1.26 0.00	27.41 0.96 0.00	27.23 0.96 0.00	26.71 0.93 0.00
NEG NORTH____LWR_SARANAC 23913	30.81 0.84 0.00	28.35 1.03 0.00	27.33 1.01 0.00	24.94 0.81 0.00	22.33 0.64 0.00	26.64 0.83 0.00	28.15 0.90 0.00	24.75 0.81 0.00	25.08 1.01 0.00	27.14 1.03 0.00	30.95 1.09 0.00	34.82 1.18 0.00	29.78 0.85 0.00	33.91 0.92 0.00	32.19 1.01 0.00	36.67 1.10 0.00	42.07 1.49 0.00	43.52 1.71 0.00	40.26 1.64 0.00	35.29 1.47 0.00	30.17 1.26 0.00	27.41 0.96 0.00	27.23 0.96 0.00	26.71 0.93 0.00
NEG NORTH____PLATTSBURG 23628	30.81 0.84 0.00	28.35 1.03 0.00	27.33 1.01 0.00	24.94 0.81 0.00	22.33 0.64 0.00	26.64 0.84 0.00	28.15 0.90 0.00	24.75 0.81 0.00	25.08 1.01 0.00	27.14 1.03 0.00	30.95 1.09 0.00	34.82 1.18 0.00	29.78 0.85 0.00	33.91 0.92 0.00	32.19 1.00 0.00	36.67 1.10 0.00	42.07 1.49 0.00	43.52 1.71 0.00	40.26 1.64 0.00	35.29 1.47 0.00	30.17 1.26 0.00	27.41 0.96 0.00	27.23 0.96 0.00	26.71 0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	27.80 -2.17 0.00	25.46 -1.85 0.00	24.51 -1.75 0.07	18.11 -1.56 4.46	20.03 -1.59 0.06	22.89 -1.60 1.31	25.45 -1.81 0.00	20.77 -1.79 1.39	22.36 -1.67 0.04	24.63 -1.48 0.00	28.08 -1.77 0.00	31.86 -1.78 0.00	27.36 -1.58 0.00	30.75 -2.24 0.00	27.74 -2.48 0.96	32.61 -2.95 0.00	37.27 -3.31 0.00	37.71 -3.06 1.04	35.86 -2.77 0.00	31.37 -2.45 0.00	27.03 -1.88 0.00	25.03 -1.42 0.00	24.64 -1.63 0.00	24.40 -1.38 0.00
NEG WEST____LANCASTR 23811	28.22 -1.74 0.00	25.80 -1.51 0.00	24.77 -1.47 0.09	16.99 -1.31 5.84	20.30 -1.31 0.08	22.78 -1.31 1.71	25.77 -1.49 0.00	20.73 -1.42 1.80	22.69 -1.33 0.05	24.96 -1.15 0.00	28.48 -1.37 0.00	32.30 -1.34 0.00	27.76 -1.17 0.00	31.32 -1.67 0.00	28.03 -1.88 1.27	33.36 -2.21 0.00	38.09 -2.49 0.00	38.10 -2.34 1.38	36.49 -2.13 0.00	31.94 -1.89 0.00	27.47 -1.44 0.00	25.39 -1.05 0.00	25.06 -1.20 0.00	24.77 -1.00 0.00
NEG_PENN_ALLEGHNY 23528	29.92 -0.05 0.00	27.21 -0.10 0.00	26.23 -0.09 0.00	24.05 -0.08 0.00	21.62 -0.06 0.00	25.71 -0.09 0.00	27.18 -0.08 0.00	23.97 0.02 0.00	24.09 0.02 0.00	26.16 0.05 0.00	29.94 0.08 0.00	33.84 0.19 0.00	29.15 0.21 0.00	33.17 0.19 0.00	31.30 0.12 0.00	35.70 0.13 0.00	40.81 0.23 0.00	42.04 0.23 0.00	38.92 0.29 0.00	34.08 0.26 0.00	29.13 0.22 0.00	26.66 0.22 0.00	26.44 0.17 0.00	25.94 0.16 0.00
NEG____GEN_MONROE 24207	29.12 -0.85 0.00	26.59 -0.72 0.00	25.59 -0.69 0.04	20.51 -0.64 2.98	20.96 -0.68 0.04	24.30 -0.63 0.87	26.51 -0.74 0.00	22.22 -0.77 0.95	23.32 -0.72 0.03	25.57 -0.54 0.00	29.23 -0.63 0.00	33.03 -0.62 0.00	28.40 -0.54 0.00	32.16 -0.83 0.00	29.59 -0.94 0.65	34.41 -1.16 0.00	39.34 -1.24 0.00	40.18 -0.93 0.70	37.83 -0.80 0.00	33.11 -0.71 0.00	28.41 -0.49 0.00	26.15 -0.30 0.00	25.77 -0.50 0.00	25.37 -0.40 0.00



NEPA__ENERGY 23901	28.16 -1.80 0.00	25.61 -1.71 0.00	24.53 -1.71 0.09	16.76 -1.52 5.86	20.24 -1.36 0.08	22.64 -1.45 1.72	25.68 -1.58 0.00	20.73 -1.42 1.81	22.65 -1.37 0.06	24.86 -1.25 0.00	28.32 -1.53 0.00	32.22 -1.43 0.00	27.72 -1.21 0.00	31.40 -1.59 0.00	28.05 -1.86 1.28	33.50 -2.07 0.00	38.22 -2.36 0.00	38.03 -2.40 1.38	36.49 -2.14 0.00	31.96 -1.86 0.00	27.47 -1.44 0.00	25.34 -1.11 0.00	25.10 -1.17 0.00	24.74 -1.03 0.00
NEVERSink__HYD 23608	30.19 0.22 0.00	27.38 0.06 0.00	26.27 -0.05 0.00	24.06 -0.07 0.00	21.63 -0.05 0.00	25.60 -0.20 0.00	27.09 -0.16 0.00	24.03 0.09 0.00	24.27 0.20 0.00	26.36 0.25 0.00	30.27 0.41 0.00	34.20 0.56 0.00	29.61 0.68 0.00	33.66 0.67 0.00	31.92 0.74 0.00	36.33 0.77 0.00	41.50 0.91 0.00	42.79 0.98 0.00	39.53 0.90 0.00	34.59 0.77 0.00	29.42 0.51 0.00	26.90 0.45 0.00	26.69 0.42 0.00	26.11 0.33 0.00
NEWKRMKL_115KV_TB1 55635	30.31 0.34 0.00	27.61 0.30 0.00	26.57 0.24 0.00	24.42 0.28 0.00	22.00 0.32 0.00	26.04 0.23 0.00	27.50 0.24 0.00	24.37 0.43 0.00	24.49 0.42 0.00	26.47 0.36 0.00	30.30 0.44 0.00	34.18 0.53 0.00	29.45 0.52 0.00	33.50 0.52 0.00	31.74 0.56 0.00	36.08 0.51 0.00	41.13 0.55 0.00	42.38 0.57 0.00	39.12 0.50 0.00	34.30 0.48 0.00	29.34 0.43 0.00	26.83 0.38 0.00	26.67 0.41 0.00	26.12 0.35 0.00
NEWTON__FALLS_HYD 23847	29.34 -0.63 0.00	26.73 -0.59 0.00	25.75 -0.58 0.00	23.53 -0.61 0.00	21.08 -0.60 0.00	25.27 -0.53 0.00	26.67 -0.59 0.00	23.35 -0.60 0.00	23.59 -0.49 0.00	25.70 -0.41 0.00	29.17 -0.69 0.00	32.91 -0.74 0.00	28.05 -0.88 0.00	32.09 -0.90 0.00	30.44 -0.74 0.00	34.91 -0.66 0.00	40.29 -0.30 0.00	41.96 0.15 0.00	38.42 -0.21 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.27 -0.18 0.00	26.07 -0.20 0.00	25.60 -0.17 0.00
NGRID_A1_DSASP 323792	27.27 -2.70 0.00	25.02 -2.30 0.00	24.09 -2.16 0.07	17.61 -1.94 4.59	19.69 -1.94 0.06	22.46 -2.00 1.35	25.01 -2.25 0.00	20.32 -2.20 1.43	21.93 -2.11 0.04	24.17 -1.94 0.00	27.56 -2.29 0.00	31.25 -2.39 0.00	26.82 -2.12 0.00	30.05 -2.94 0.00	27.06 -3.12 1.00	31.85 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.59 -3.24 0.00	26.38 -2.53 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.89 0.00
NGRID_A2_DSASP 323793	27.27 -2.70 0.00	25.02 -2.30 0.00	24.09 -2.16 0.07	17.61 -1.94 4.59	19.69 -1.94 0.06	22.46 -2.00 1.35	25.01 -2.25 0.00	20.32 -2.20 1.43	21.93 -2.11 0.04	24.17 -1.94 0.00	27.56 -2.29 0.00	31.25 -2.39 0.00	26.82 -2.12 0.00	30.05 -2.94 0.00	27.06 -3.12 1.00	31.85 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.59 -3.24 0.00	26.38 -2.53 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.89 0.00
NGRID_A4_DSASP 323807	27.27 -2.70 0.00	25.02 -2.30 0.00	24.09 -2.16 0.07	17.61 -1.94 4.59	19.69 -1.94 0.06	22.46 -2.00 1.35	25.01 -2.25 0.00	20.32 -2.20 1.43	21.93 -2.11 0.04	24.17 -1.94 0.00	27.56 -2.29 0.00	31.25 -2.39 0.00	26.82 -2.12 0.00	30.05 -2.94 0.00	27.06 -3.12 1.00	31.85 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.59 -3.24 0.00	26.38 -2.53 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.89 0.00
NIAGARA_115E_LBMP 323715	27.36 -2.61 0.00	25.07 -2.24 0.00	24.14 -2.12 0.07	17.63 -1.87 4.63	19.73 -1.88 0.06	22.51 -1.94 1.36	25.08 -2.17 0.00	20.39 -2.12 1.44	22.01 -2.01 0.04	24.25 -1.86 0.00	27.64 -2.21 0.00	31.36 -2.29 0.00	26.92 -2.02 0.00	30.18 -2.81 0.00	27.20 -3.00 0.98	31.99 -3.58 0.00	36.55 -4.03 0.00	36.96 -3.78 1.07	35.17 -3.45 0.00	30.77 -3.05 0.00	26.53 -2.38 0.00	24.60 -1.85 0.00	24.20 -2.06 0.00	24.00 -1.78 0.00
NIAGARA_115W_LBMP 323714	27.21 -2.75 0.00	24.97 -2.34 0.00	24.05 -2.20 0.07	17.58 -1.97 4.58	19.65 -1.97 0.06	22.42 -2.05 1.34	24.96 -2.30 0.00	20.28 -2.24 1.42	21.88 -2.15 0.04	24.12 -1.99 0.00	27.50 -2.35 0.00	31.19 -2.46 0.00	26.75 -2.18 0.00	29.99 -3.00 0.00	27.00 -3.18 1.00	31.77 -3.80 0.00	36.27 -4.31 0.00	36.63 -4.09 1.09	34.88 -3.74 0.00	30.52 -3.30 0.00	26.33 -2.59 0.00	24.41 -2.03 0.00	24.03 -2.23 0.00	23.84 -1.93 0.00
NIAGARA_230_LBMP 323716	27.49 -2.47 0.00	25.21 -2.11 0.00	24.27 -1.99 0.07	17.85 -1.83 4.45	19.84 -1.78 0.06	22.65 -1.85 1.31	25.19 -2.07 0.00	20.53 -2.04 1.38	22.09 -1.94 0.04	24.33 -1.78 0.00	27.76 -2.10 0.00	31.45 -2.19 0.00	26.98 -1.95 0.00	30.27 -2.72 0.00	27.30 -2.91 0.98	32.13 -3.44 0.00	36.67 -3.91 0.00	37.03 -3.72 1.06	35.25 -3.37 0.00	30.85 -2.97 0.00	26.59 -2.32 0.00	24.63 -1.82 0.00	24.27 -2.00 0.00	24.06 -1.71 0.00
NIAGARA__115KV_198_GIBSON 55903	27.23 -2.74 0.00	24.97 -2.34 0.00	24.04 -2.21 0.07	17.61 -1.94 4.58	19.66 -1.96 0.06	22.42 -2.04 1.34	24.96 -2.30 0.00	20.28 -2.25 1.42	21.88 -2.15 0.04	24.12 -1.99 0.00	27.49 -2.37 0.00	31.18 -2.47 0.00	26.75 -2.18 0.00	30.01 -2.97 0.00	27.01 -3.18 1.00	31.77 -3.80 0.00	36.27 -4.31 0.00	36.63 -4.10 1.09	34.88 -3.74 0.00	30.52 -3.30 0.00	26.32 -2.59 0.00	24.41 -2.03 0.00	24.04 -2.23 0.00	23.84 -1.93 0.00
NIAGARA____ 23760	27.49 -2.47 0.00	25.21 -2.11 0.00	24.27 -1.99 0.07	17.80 -1.83 4.50	19.84 -1.78 0.06	22.64 -1.85 1.32	25.19 -2.07 0.00	20.52 -2.04 1.39	22.09 -1.94 0.04	24.33 -1.78 0.00	27.76 -2.10 0.00	31.45 -2.19 0.00	26.98 -1.95 0.00	30.27 -2.72 0.00	27.29 -2.91 0.98	32.13 -3.44 0.00	36.67 -3.91 0.00	37.03 -3.72 1.07	35.25 -3.37 0.00	30.85 -2.97 0.00	26.59 -2.32 0.00	24.63 -1.82 0.00	24.27 -2.00 0.00	24.06 -1.71 0.00
NINE_MILE_1 23575	29.17 -0.80 0.00	26.59 -0.72 0.00	25.67 -0.65 0.00	23.54 -0.59 0.00	21.16 -0.52 0.00	25.17 -0.63 0.00	26.58 -0.68 0.00	23.37 -0.58 0.00	23.44 -0.63 0.00	25.38 -0.73 0.00	29.00 -0.86 0.00	32.73 -0.92 0.00	28.17 -0.77 0.00	32.07 -0.92 0.00	30.30 -0.88 0.00	34.54 -1.03 0.00	39.44 -1.14 0.00	40.70 -1.11 0.00	37.60 -1.02 0.00	32.92 -0.90 0.00	28.14 -0.77 0.00	25.75 -0.69 0.00	25.53 -0.73 0.00	25.07 -0.71 0.00
NINE_MILE_2 23744	29.17 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.65 0.00	23.55 -0.59 0.00	21.16 -0.52 0.00	25.17 -0.63 0.00	26.58 -0.67 0.00	23.38 -0.57 0.00	23.44 -0.63 0.00	25.38 -0.73 0.00	29.00 -0.85 0.00	32.73 -0.91 0.00	28.17 -0.77 0.00	32.07 -0.92 0.00	30.30 -0.88 0.00	34.55 -1.02 0.00	39.44 -1.14 0.00	40.70 -1.11 0.00	37.60 -1.02 0.00	32.93 -0.89 0.00	28.15 -0.76 0.00	25.76 -0.69 0.00	25.54 -0.73 0.00	25.07 -0.71 0.00
NM_CAPITAL__DRP 24208	30.35 0.39 0.00	27.67 0.35 0.00	26.62 0.29 0.00	24.47 0.33 0.00	22.05 0.37 0.00	26.09 0.29 0.00	27.55 0.29 0.00	24.41 0.46 0.00	24.54 0.47 0.00	26.51 0.40 0.00	30.35 0.49 0.00	34.22 0.58 0.00	29.49 0.55 0.00	33.54 0.55 0.00	31.78 0.60 0.00	36.10 0.54 0.00	41.15 0.57 0.00	42.40 0.59 0.00	39.14 0.51 0.00	34.31 0.49 0.00	29.37 0.45 0.00	26.86 0.41 0.00	26.71 0.45 0.00	26.17 0.40 0.00



NM_CENTRAL___DRP 24181	29.68 -0.28 0.00	27.04 -0.27 0.00	26.09 -0.24 0.00	23.93 -0.20 0.00	21.50 -0.18 0.00	25.58 -0.22 0.00	27.02 -0.23 0.00	23.78 -0.16 0.00	23.87 -0.20 0.00	25.87 -0.24 0.00	29.60 -0.25 0.00	33.44 -0.20 0.00	28.80 -0.14 0.00	32.78 -0.21 0.00	30.99 -0.19 0.00	35.32 -0.25 0.00	40.35 -0.23 0.00	41.67 -0.14 0.00	38.50 -0.12 0.00	33.71 -0.11 0.00	28.81 -0.10 0.00	26.35 -0.10 0.00	26.10 -0.16 0.00	25.62 -0.16 0.00
NM_FRONTIER___DRP 24179	27.23 -2.74 0.00	24.97 -2.34 0.00	24.04 -2.21 0.07	17.61 -1.94 4.58	19.66 -1.96 0.06	22.42 -2.04 1.34	24.96 -2.30 0.00	20.28 -2.25 1.42	21.88 -2.15 0.04	24.12 -1.99 0.00	27.49 -2.37 0.00	31.18 -2.47 0.00	26.75 -2.18 0.00	30.01 -2.97 0.00	27.01 -3.18 1.00	31.77 -3.80 0.00	36.27 -4.31 0.00	36.63 -4.10 1.09	34.88 -3.74 0.00	30.52 -3.30 0.00	26.32 -2.59 0.00	24.41 -2.03 0.00	24.04 -2.23 0.00	23.84 -1.93 0.00
NM_ST_REGIS___HYD 24053	29.79 -0.18 0.00	27.24 -0.08 0.00	26.25 -0.07 0.00	23.94 -0.20 0.00	21.39 -0.29 0.00	25.67 -0.14 0.00	27.13 -0.12 0.00	23.64 -0.30 0.00	23.85 -0.22 0.00	26.02 -0.09 0.00	29.62 -0.24 0.00	33.25 -0.40 0.00	28.39 -0.54 0.00	32.48 -0.50 0.00	30.74 -0.44 0.00	35.20 -0.36 0.00	40.43 -0.15 0.00	41.91 0.10 0.00	38.66 0.04 0.00	33.79 -0.03 0.00	28.94 0.03 0.00	26.36 -0.08 0.00	26.15 -0.11 0.00	25.66 -0.12 0.00
NORTHPORT___1 23551	31.66 1.69 0.00	28.71 1.40 0.00	27.54 1.21 0.00	25.23 1.09 0.00	22.65 0.96 0.00	26.69 0.89 0.00	28.41 1.15 0.00	25.25 1.30 0.00	25.43 1.36 0.00	27.62 1.51 0.00	33.77 2.00 -1.91	35.99 2.05 -0.29	34.64 2.30 -3.41	35.55 2.34 -0.23	33.88 2.31 -0.39	37.48 1.91 0.00	42.51 1.93 0.00	43.74 1.94 0.00	40.36 1.74 0.00	35.43 1.61 0.00	30.09 1.18 0.00	27.78 1.33 0.00	28.17 1.61 -0.29	27.39 1.62 0.00
NORTHPORT___2 23552	31.66 1.69 0.00	28.71 1.40 0.00	27.54 1.21 0.00	25.23 1.09 0.00	22.65 0.96 0.00	26.69 0.89 0.00	28.41 1.15 0.00	25.25 1.30 0.00	25.43 1.36 0.00	27.62 1.51 0.00	33.77 2.00 -1.91	35.99 2.05 -0.29	34.64 2.30 -3.41	35.55 2.34 -0.23	33.88 2.31 -0.39	37.48 1.91 0.00	42.51 1.93 0.00	43.74 1.94 0.00	40.36 1.74 0.00	35.43 1.61 0.00	30.09 1.18 0.00	27.78 1.33 0.00	28.17 1.61 -0.29	27.39 1.62 0.00
NORTHPORT___3 23553	31.78 1.82 0.00	28.83 1.51 0.00	27.64 1.31 0.00	25.32 1.18 0.00	22.74 1.06 0.00	26.81 1.01 0.00	28.50 1.24 0.00	25.31 1.36 0.00	25.49 1.42 0.00	27.68 1.57 0.00	33.91 2.14 -1.91	36.10 2.17 -0.29	34.72 2.38 -3.41	35.63 2.41 -0.23	33.93 2.36 -0.39	37.48 1.91 0.00	42.54 1.96 0.00	43.79 1.98 0.00	40.44 1.81 0.00	35.46 1.64 0.00	30.14 1.23 0.00	27.84 1.39 0.00	28.27 1.71 -0.29	27.51 1.74 0.00
NORTHPORT___4 23650	31.78 1.82 0.00	28.83 1.51 0.00	27.64 1.31 0.00	25.32 1.18 0.00	22.74 1.06 0.00	26.81 1.01 0.00	28.50 1.24 0.00	25.31 1.36 0.00	25.49 1.42 0.00	27.68 1.57 0.00	33.91 2.14 -1.91	36.10 2.17 -0.29	34.72 2.38 -3.41	35.63 2.41 -0.23	33.93 2.36 -0.39	37.48 1.91 0.00	42.54 1.96 0.00	43.79 1.98 0.00	40.44 1.81 0.00	35.46 1.64 0.00	30.14 1.23 0.00	27.84 1.39 0.00	28.27 1.71 -0.29	27.51 1.74 0.00
NORTHPORT___IC 23718	31.65 1.69 0.00	28.71 1.40 0.00	27.54 1.21 0.00	25.22 1.08 0.00	22.65 0.96 0.00	26.69 0.89 0.00	28.41 1.15 0.00	25.25 1.30 0.00	25.43 1.36 0.00	27.62 1.51 0.00	33.78 2.02 -1.91	35.99 2.06 -0.29	34.64 2.30 -3.41	35.53 2.31 -0.23	33.87 2.31 -0.39	37.48 1.92 0.00	42.51 1.93 0.00	43.75 1.94 0.00	40.37 1.74 0.00	35.43 1.61 0.00	30.10 1.19 0.00	27.78 1.33 0.00	28.17 1.62 -0.29	27.39 1.61 0.00
NORTH___COUNTRY_ESR 323785	30.14 0.17 0.00	27.64 0.32 0.00	26.64 0.32 0.00	24.25 0.12 0.00	21.65 -0.03 0.00	25.97 0.17 0.00	27.46 0.20 0.00	23.98 0.03 0.00	24.24 0.17 0.00	26.36 0.24 0.00	30.07 0.22 0.00	33.76 0.11 0.00	28.85 -0.09 0.00	32.94 -0.05 0.00	31.30 0.12 0.00	35.71 0.14 0.00	40.96 0.38 0.00	42.27 0.46 0.00	39.06 0.43 0.00	34.16 0.34 0.00	29.19 0.28 0.00	26.50 0.05 0.00	26.33 0.07 0.00	25.83 0.05 0.00
NPX_GEN_1385_PROXY 323591	31.45 1.48 0.00	28.56 1.24 0.00	27.51 1.19 0.00	25.22 1.09 0.00	22.64 0.95 0.00	26.43 0.63 0.00	28.33 1.08 0.00	25.05 1.29 0.18	25.33 1.25 0.00	27.54 1.43 0.00	33.38 1.61 -1.91	35.26 1.33 -0.29	34.37 2.02 -3.41	35.15 1.94 -0.23	33.68 2.11 -0.39	37.31 1.75 0.00	42.22 1.65 0.00	43.49 1.68 0.00	39.92 1.29 0.00	34.98 1.16 0.00	29.54 0.63 0.00	27.37 0.92 0.00	28.05 1.49 -0.29	27.16 1.39 0.00
NPX_GEN_CSC 323557	31.63 1.66 0.00	28.64 1.33 0.00	27.46 1.14 0.00	25.14 1.01 0.00	22.57 0.89 0.00	26.68 0.87 0.00	28.51 1.25 0.00	25.08 1.32 0.18	25.45 1.38 0.00	27.70 1.60 0.00	33.85 2.08 -1.91	36.17 2.23 -0.29	34.76 2.41 -3.41	35.67 2.46 -0.23	34.02 2.45 -0.39	37.74 2.17 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.78 2.16 0.00	35.81 1.99 0.00	30.39 1.47 0.00	27.92 1.48 0.00	28.22 1.66 -0.29	27.32 1.55 0.00
NSINS_S___GLNS_FALLS 23858	32.15 2.19 0.00	29.22 1.90 0.00	28.04 1.72 0.00	25.73 1.60 0.00	23.23 1.55 0.00	27.56 1.75 0.00	29.09 1.83 0.00	25.75 1.80 0.00	26.08 2.00 0.00	28.23 2.12 0.00	32.10 2.25 0.00	36.18 2.53 0.00	31.09 2.15 0.00	35.13 2.14 0.00	33.22 2.04 0.00	37.81 2.24 0.00	43.28 2.70 0.00	44.74 2.93 0.00	41.53 2.91 0.00	36.42 2.60 0.00	31.27 2.36 0.00	28.55 2.10 0.00	28.23 1.96 0.00	27.59 1.81 0.00
NUCOR_STEEL___DRP 24197	29.99 0.02 0.00	27.34 0.03 0.00	26.37 0.03 -0.02	25.54 -0.04 -1.45	21.74 0.04 -0.02	26.25 0.03 -0.42	27.21 -0.05 0.00	24.53 0.12 -0.46	24.17 0.08 -0.01	26.19 0.08 0.00	29.95 0.10 0.00	33.79 0.14 0.00	29.11 0.17 0.00	33.01 0.02 0.00	31.51 0.01 -0.32	35.64 0.07 0.00	40.62 0.04 0.00	42.49 0.34 -0.34	38.81 0.18 0.00	34.06 0.23 0.00	29.19 0.28 0.00	26.68 0.24 0.00	26.35 0.09 0.00	25.94 0.16 0.00
NUMBER_THREE_WT_PWR 323818	29.39 -0.58 0.00	26.68 -0.64 0.00	25.68 -0.65 0.00	23.51 -0.62 0.00	21.12 -0.57 0.00	25.28 -0.52 0.00	26.62 -0.63 0.00	23.44 -0.51 0.00	23.74 -0.33 0.00	25.84 -0.27 0.00	29.35 -0.50 0.00	33.23 -0.42 0.00	28.26 -0.68 0.00	32.27 -0.72 0.00	30.72 -0.46 0.00	35.27 -0.30 0.00	40.80 0.21 0.00	42.65 0.84 0.00	38.84 0.21 0.00	33.86 0.04 0.00	29.04 0.13 0.00	26.57 0.12 0.00	26.43 0.17 0.00	26.00 0.22 0.00
NYISO_LBMP_REFERENCE 24008	29.97 0.00 0.00	27.32 0.00 0.00	26.32 0.00 0.00	24.13 0.00 0.00	21.68 0.00 0.00	25.80 0.00 0.00	27.26 0.00 0.00	23.95 0.00 0.00	24.07 0.00 0.00	26.11 0.00 0.00	29.85 0.00 0.00	33.65 0.00 0.00	28.94 0.00 0.00	32.99 0.00 0.00	31.18 0.00 0.00	35.57 0.00 0.00	40.58 0.00 0.00	41.81 0.00 0.00	38.62 0.00 0.00	33.82 0.00 0.00	28.91 0.00 0.00	26.45 0.00 0.00	26.26 0.00 0.00	25.78 0.00 0.00



NYPA_BRENTWD____GT 24164	32.07 2.11 0.00	29.07 1.75 0.00	27.86 1.54 0.00	25.51 1.38 0.00	22.90 1.22 0.00	27.00 1.20 0.00	28.73 1.48 0.00	25.55 1.60 0.00	25.77 1.69 0.00	28.02 1.91 0.00	34.23 2.47 -1.91	36.57 2.64 -0.29	35.11 2.76 -3.41	36.09 2.88 -0.23	34.40 2.84 -0.39	38.15 2.59 0.00	43.32 2.74 0.00	44.46 2.65 0.00	41.09 2.47 0.00	36.15 2.33 0.00	30.72 1.81 0.00	28.29 1.85 0.00	28.62 2.06 -0.29	27.76 1.98 0.00
NYPA_GOWANUS____GT5 24156	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.29 2.71 0.00	44.60 2.79 0.00	41.28 2.66 0.00	36.23 2.40 -0.01	39.03 1.84 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NYPA_GOWANUS____GT6 24157	31.71 1.74 0.00	28.78 1.47 0.00	27.57 1.25 0.00	25.30 1.17 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.29 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.92 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.67 2.48 -0.01	38.18 2.61 0.00	43.29 2.71 0.00	44.60 2.79 0.00	41.28 2.66 0.00	36.23 2.40 -0.01	39.03 1.84 -8.27	29.20 1.77 -0.99	28.06 1.80 0.00	27.45 1.67 0.00
NYPA_HARLEM__RVR__GT1 24160	31.60 1.64 0.00	28.69 1.38 0.00	27.49 1.16 0.00	25.25 1.12 0.00	22.71 1.03 0.00	26.80 1.00 0.00	28.41 1.16 0.00	25.23 1.28 0.00	25.49 1.42 0.00	27.59 1.48 0.00	31.73 1.88 0.00	35.80 2.15 0.00	31.03 2.09 0.00	35.30 2.31 0.00	33.51 2.33 0.00	38.00 2.43 0.00	43.12 2.55 0.00	44.39 2.58 0.00	41.06 2.44 0.00	36.04 2.22 0.00	30.61 1.69 0.00	28.11 1.66 0.00	27.94 1.67 0.00	27.31 1.53 0.00
NYPA_HARLEM__RVR__GT2 24161	31.60 1.64 0.00	28.69 1.38 0.00	27.49 1.16 0.00	25.25 1.12 0.00	22.71 1.03 0.00	26.80 1.00 0.00	28.41 1.16 0.00	25.23 1.28 0.00	25.49 1.42 0.00	27.59 1.48 0.00	31.73 1.88 0.00	35.80 2.15 0.00	31.03 2.09 0.00	35.30 2.31 0.00	33.51 2.33 0.00	38.00 2.43 0.00	43.12 2.55 0.00	44.39 2.58 0.00	41.06 2.44 0.00	36.04 2.22 0.00	30.61 1.69 0.00	28.11 1.66 0.00	27.94 1.67 0.00	27.31 1.53 0.00
NYPA_KENT____GT 24152	31.68 1.71 0.00	28.76 1.44 0.00	27.54 1.22 0.00	25.27 1.14 0.00	22.73 1.05 0.00	26.85 1.05 0.00	28.46 1.20 0.00	25.27 1.33 0.00	25.53 1.46 0.00	27.69 1.59 0.00	31.80 1.94 0.00	35.90 2.25 0.00	31.14 2.20 0.00	35.42 2.43 0.00	33.62 2.44 0.00	38.14 2.57 0.00	43.26 2.68 0.00	44.54 2.73 0.00	41.22 2.59 0.00	36.15 2.33 0.00	35.56 1.79 -4.86	28.76 1.73 -0.58	28.03 1.76 0.00	27.41 1.64 0.00
NYPA_POUCH1____GT 24155	31.60 1.63 0.00	28.69 1.37 0.00	27.48 1.16 0.00	25.22 1.09 0.00	22.69 1.01 0.00	26.80 0.99 0.00	28.39 1.14 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.69 1.84 0.00	35.76 2.11 0.00	31.01 2.08 0.00	35.31 2.33 0.00	33.54 2.35 -0.01	38.04 2.48 0.00	43.13 2.55 0.00	44.46 2.65 0.00	41.18 2.55 0.00	36.16 2.33 -0.01	38.96 1.77 -8.27	29.12 1.69 -0.99	27.98 1.72 0.00	27.36 1.59 0.00
NYPA_VERNON____GT2 24162	31.64 1.68 0.00	28.73 1.41 0.00	27.52 1.19 0.00	25.26 1.12 0.00	22.72 1.04 0.00	26.83 1.03 0.00	28.43 1.18 0.00	25.26 1.31 0.00	25.51 1.43 0.00	27.67 1.56 0.00	31.78 1.93 0.00	35.87 2.22 0.00	31.12 2.18 0.00	35.40 2.41 0.00	33.60 2.42 0.00	38.12 2.55 0.00	43.26 2.68 0.00	44.51 2.70 0.00	41.18 2.55 0.00	36.12 2.30 0.00	32.11 1.76 -1.44	28.31 1.69 -0.17	27.99 1.73 0.00	27.39 1.61 0.00
NYPA_VERNON____GT3 24163	31.64 1.68 0.00	28.73 1.41 0.00	27.52 1.19 0.00	25.26 1.12 0.00	22.72 1.04 0.00	26.83 1.03 0.00	28.43 1.18 0.00	25.26 1.31 0.00	25.51 1.43 0.00	27.67 1.56 0.00	31.78 1.93 0.00	35.87 2.22 0.00	31.12 2.18 0.00	35.40 2.41 0.00	33.60 2.42 0.00	38.12 2.55 0.00	43.26 2.68 0.00	44.51 2.70 0.00	41.18 2.55 0.00	36.12 2.30 0.00	32.11 1.76 -1.44	28.31 1.69 -0.17	27.99 1.73 0.00	27.39 1.61 0.00
NYPA__ASTORIA_CC1 323568	31.59 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.22 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.56 0.00
NYPA__ASTORIA_CC2 323569	31.59 1.62 0.00	28.68 1.37 0.00	27.48 1.15 0.00	25.22 1.08 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.39 1.13 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.18 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.54 2.36 0.00	38.06 2.49 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.11 2.49 0.00	36.06 2.24 0.00	30.63 1.72 0.00	28.09 1.65 0.00	27.94 1.68 0.00	27.33 1.56 0.00
NYPA__HOLTSVILL 23794	31.76 1.80 0.00	28.79 1.47 0.00	27.60 1.27 0.00	25.28 1.15 0.00	22.69 1.01 0.00	26.77 0.96 0.00	28.50 1.25 0.00	25.34 1.39 0.00	25.55 1.48 0.00	27.78 1.67 0.00	33.92 2.16 -1.91	36.23 2.29 -0.29	34.81 2.46 -3.41	35.75 2.54 -0.23	34.09 2.52 -0.39	37.81 2.24 0.00	42.95 2.36 0.00	44.20 2.40 0.00	40.82 2.20 0.00	35.84 2.02 0.00	30.42 1.51 0.00	28.01 1.57 0.00	28.33 1.77 -0.29	27.48 1.70 0.00
NYPA__HELLGATE_GT1 24158	31.60 1.64 0.00	28.69 1.38 0.00	27.49 1.16 0.00	25.25 1.12 0.00	22.71 1.03 0.00	26.80 1.00 0.00	28.41 1.16 0.00	25.23 1.28 0.00	25.49 1.42 0.00	27.59 1.48 0.00	31.73 1.88 0.00	35.80 2.15 0.00	31.03 2.09 0.00	35.30 2.31 0.00	33.51 2.33 0.00	38.00 2.43 0.00	43.12 2.55 0.00	44.39 2.58 0.00	41.06 2.44 0.00	36.04 2.22 0.00	30.61 1.69 0.00	28.11 1.66 0.00	27.94 1.67 0.00	27.31 1.53 0.00
NYPA__HELLGATE_GT2 24159	31.60 1.64 0.00	28.69 1.38 0.00	27.49 1.16 0.00	25.25 1.12 0.00	22.71 1.03 0.00	26.80 1.00 0.00	28.41 1.16 0.00	25.23 1.28 0.00	25.49 1.42 0.00	27.59 1.48 0.00	31.73 1.88 0.00	35.80 2.15 0.00	31.03 2.09 0.00	35.30 2.31 0.00	33.51 2.33 0.00	38.00 2.43 0.00	43.12 2.55 0.00	44.39 2.58 0.00	41.06 2.44 0.00	36.04 2.22 0.00	30.61 1.69 0.00	28.11 1.66 0.00	27.94 1.67 0.00	27.31 1.53 0.00
NYS_BARGE__HYD 23848	27.84 -2.13 0.00	25.50 -1.82 0.00	24.54 -1.71 0.07	18.20 -1.54 4.39	20.06 -1.56 0.06	22.95 -1.57 1.29	25.49 -1.77 0.00	20.83 -1.75 1.37	22.39 -1.64 0.04	24.66 -1.45 0.00	28.15 -1.70 0.00	31.92 -1.73 0.00	27.40 -1.54 0.00	30.77 -2.22 0.00	27.81 -2.43 0.94	32.68 -2.89 0.00	37.34 -3.24 0.00	37.84 -2.95 1.03	35.95 -2.68 0.00	31.45 -2.37 0.00	27.10 -1.81 0.00	25.09 -1.36 0.00	24.69 -1.58 0.00	24.44 -1.34 0.00



OAK ORCHARD___HYD 24046	28.99 -0.98 0.00	26.48 -0.84 0.00	25.49 -0.79 0.04	20.46 -0.76 2.92	20.89 -0.75 0.04	24.21 -0.74 0.85	26.40 -0.85 0.00	22.15 -0.86 0.93	23.23 -0.81 0.03	25.45 -0.66 0.00	29.11 -0.75 0.00	32.90 -0.75 0.00	28.30 -0.63 0.00	32.04 -0.94 0.00	29.54 -1.01 0.63	34.33 -1.23 0.00	39.21 -1.37 0.00	39.96 -1.16 0.69	37.60 -1.02 0.00	32.91 -0.92 0.00	28.23 -0.68 0.00	25.96 -0.48 0.00	25.60 -0.66 0.00	25.22 -0.56 0.00
OAKDALE___35_KV_LOAD 356122	29.84 -0.13 0.00	27.14 -0.17 0.00	26.15 -0.15 0.01	23.13 -0.14 0.86	21.56 -0.11 0.01	25.40 -0.15 0.25	27.10 -0.15 0.00	23.64 -0.05 0.27	24.01 -0.05 0.01	26.07 -0.04 0.00	29.83 -0.02 0.00	33.72 0.07 0.00	29.04 0.10 0.00	33.04 0.05 0.00	31.00 0.01 0.19	35.56 -0.01 0.00	40.61 0.03 0.00	41.66 0.05 0.20	38.74 0.12 0.00	33.92 0.10 0.00	29.01 0.10 0.00	26.56 0.11 0.00	26.33 0.07 0.00	25.85 0.07 0.00
OCC_CHEM___DRP 24175	27.28 -2.69 0.00	25.02 -2.29 0.00	24.08 -2.17 0.07	17.63 -1.91 4.59	19.69 -1.93 0.06	22.46 -1.99 1.35	25.00 -2.25 0.00	20.32 -2.20 1.43	21.92 -2.11 0.04	24.17 -1.94 0.00	27.55 -2.31 0.00	31.24 -2.40 0.00	26.81 -2.12 0.00	30.08 -2.91 0.00	27.06 -3.12 1.00	31.84 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.58 -3.24 0.00	26.37 -2.54 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.88 0.00
OH_GEN_PROXY 24063	27.54 -2.43 0.00	25.25 -2.06 0.00	24.30 -1.95 0.07	17.88 -1.81 4.44	19.87 -1.75 0.06	22.68 -1.82 1.30	25.21 -2.04 0.00	20.39 -1.99 1.56	22.13 -1.90 0.04	24.36 -1.75 0.00	27.79 -2.06 0.00	31.50 -2.15 0.00	27.02 -1.92 0.00	30.32 -2.66 0.00	27.36 -2.85 0.97	32.21 -3.36 0.00	36.76 -3.82 0.00	37.12 -3.63 1.06	35.32 -3.30 0.00	30.92 -2.90 0.00	26.63 -2.28 0.00	24.66 -1.79 0.00	24.31 -1.96 0.00	24.09 -1.68 0.00
OLIN_CORP_DRP 24177	27.41 -2.55 0.00	25.11 -2.20 0.00	24.18 -2.08 0.07	17.62 -1.82 4.69	19.77 -1.85 0.06	22.52 -1.91 1.38	25.12 -2.14 0.00	20.40 -2.09 1.46	22.05 -1.98 0.04	24.28 -1.83 0.00	27.67 -2.19 0.00	31.40 -2.25 0.00	26.95 -1.99 0.00	30.26 -2.73 0.00	27.22 -2.96 1.00	32.03 -3.53 0.00	36.60 -3.98 0.00	36.98 -3.75 1.09	35.22 -3.40 0.00	30.82 -3.00 0.00	26.56 -2.34 0.00	24.62 -1.82 0.00	24.24 -2.03 0.00	24.02 -1.75 0.00
OLIN_CORP_DSASP 323712	27.27 -2.70 0.00	25.02 -2.30 0.00	24.09 -2.16 0.07	17.61 -1.94 4.59	19.69 -1.94 0.06	22.46 -2.00 1.35	25.01 -2.25 0.00	20.32 -2.20 1.43	21.93 -2.11 0.04	24.17 -1.94 0.00	27.56 -2.29 0.00	31.25 -2.39 0.00	26.82 -2.12 0.00	30.05 -2.94 0.00	27.06 -3.12 1.00	31.85 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.59 -3.24 0.00	26.38 -2.53 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.89 0.00
ONEIDA_HERK_LFGE 323681	30.08 0.11 0.00	27.37 0.05 0.00	26.34 0.02 0.00	24.14 0.01 0.00	21.70 0.02 0.00	25.87 0.07 0.00	27.31 0.06 0.00	24.07 0.12 0.00	24.27 0.19 0.00	26.34 0.23 0.00	30.07 0.22 0.00	34.02 0.38 0.00	29.14 0.20 0.00	33.20 0.21 0.00	31.48 0.29 0.00	35.97 0.40 0.00	41.25 0.67 0.00	42.82 1.01 0.00	39.38 0.75 0.00	34.44 0.62 0.00	29.46 0.55 0.00	26.91 0.47 0.00	26.73 0.46 0.00	26.22 0.45 0.00
ONEIDA___115KV_TB4 55905	30.44 0.48 0.00	27.71 0.39 0.00	26.69 0.37 0.00	24.47 0.34 0.00	22.00 0.32 0.00	26.18 0.37 0.00	27.67 0.41 0.00	24.41 0.46 0.00	24.52 0.45 0.00	26.61 0.50 0.00	30.47 0.62 0.00	34.48 0.84 0.00	29.63 0.70 0.00	33.71 0.72 0.00	31.91 0.73 0.00	36.34 0.77 0.00	41.47 0.89 0.00	42.96 1.16 0.00	39.74 1.12 0.00	34.85 1.03 0.00	29.78 0.87 0.00	27.18 0.73 0.00	26.93 0.67 0.00	26.39 0.61 0.00
ONONDAGA_REF_OCCRA 23987	29.83 -0.13 0.00	27.17 -0.15 0.00	26.23 -0.11 -0.02	25.13 -0.09 -1.09	21.62 -0.08 -0.01	26.01 -0.11 -0.32	27.15 -0.10 0.00	24.25 -0.04 -0.34	24.01 -0.07 -0.01	26.02 -0.09 0.00	29.77 -0.08 0.00	33.64 -0.01 0.00	28.95 0.02 0.00	32.96 -0.03 0.00	31.40 -0.02 -0.24	35.53 -0.04 0.00	40.60 0.02 0.00	42.18 0.12 -0.26	38.76 0.14 0.00	33.94 0.12 0.00	29.00 0.09 0.00	26.52 0.07 0.00	26.28 0.01 0.00	25.77 0.00 0.00
ONONDAGA___COGEN 23986	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.75 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00
ONTARIO___LFGE 23819	29.33 -0.63 0.00	26.71 -0.60 0.00	25.63 -0.60 0.09	17.75 -0.58 5.81	21.08 -0.52 0.08	23.51 -0.59 1.70	26.70 -0.56 0.00	21.75 -0.43 1.77	23.60 -0.42 0.05	25.76 -0.35 0.00	29.46 -0.39 0.00	33.28 -0.36 0.00	28.70 -0.23 0.00	32.67 -0.31 0.00	29.44 -0.47 1.27	35.06 -0.51 0.00	40.06 -0.52 0.00	39.95 -0.48 1.38	38.42 -0.21 0.00	33.69 -0.13 0.00	28.88 -0.03 0.00	26.46 0.01 0.00	26.13 -0.13 0.00	25.65 -0.13 0.00
ORANGEVILLE_WT_PWR 323706	27.58 -2.38 0.00	25.26 -2.05 0.00	24.27 -1.95 0.10	15.70 -1.80 6.64	19.83 -1.76 0.09	22.00 -1.86 1.95	25.39 -1.87 0.00	20.22 -1.69 2.04	22.46 -1.55 0.06	24.70 -1.41 0.00	28.22 -1.64 0.00	32.04 -1.61 0.00	27.56 -1.37 0.00	31.10 -1.89 0.00	27.66 -2.08 1.45	33.18 -2.39 0.00	37.93 -2.65 0.00	37.73 -2.51 1.57	36.36 -2.27 0.00	31.82 -2.00 0.00	27.38 -1.53 0.00	25.26 -1.19 0.00	24.98 -1.29 0.00	24.71 -1.07 0.00
ORANGEVILLE___ESR 323794	27.58 -2.38 0.00	25.26 -2.05 0.00	24.27 -1.95 0.10	15.70 -1.80 6.64	19.83 -1.76 0.09	22.00 -1.86 1.95	25.39 -1.87 0.00	20.22 -1.69 2.04	22.46 -1.55 0.06	24.70 -1.41 0.00	28.22 -1.64 0.00	32.04 -1.61 0.00	27.56 -1.37 0.00	31.10 -1.89 0.00	27.66 -2.08 1.45	33.18 -2.39 0.00	37.93 -2.65 0.00	37.73 -2.51 1.57	36.36 -2.27 0.00	31.82 -2.00 0.00	27.38 -1.53 0.00	25.26 -1.19 0.00	24.98 -1.29 0.00	24.71 -1.07 0.00
OSWEGATCHIE___HYD 24044	29.34 -0.63 0.00	26.73 -0.59 0.00	25.75 -0.58 0.00	23.53 -0.60 0.00	21.08 -0.60 0.00	25.27 -0.53 0.00	26.67 -0.59 0.00	23.35 -0.60 0.00	23.59 -0.49 0.00	25.70 -0.41 0.00	29.17 -0.69 0.00	32.91 -0.74 0.00	28.05 -0.88 0.00	32.09 -0.90 0.00	30.44 -0.74 0.00	34.91 -0.66 0.00	40.29 -0.30 0.00	41.96 0.15 0.00	38.42 -0.21 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.27 -0.18 0.00	26.07 -0.20 0.00	25.60 -0.17 0.00
OSWEGO___5 23606	29.33 -0.63 0.00	26.74 -0.57 0.00	25.81 -0.51 0.00	23.67 -0.47 0.00	21.27 -0.41 0.00	25.31 -0.50 0.00	26.72 -0.53 0.00	23.51 -0.44 0.00	23.58 -0.49 0.00	25.54 -0.57 0.00	29.20 -0.65 0.00	32.96 -0.69 0.00	28.37 -0.57 0.00	32.29 -0.69 0.00	30.51 -0.67 0.00	34.79 -0.78 0.00	39.72 -0.86 0.00	41.00 -0.81 0.00	37.88 -0.75 0.00	33.16 -0.65 0.00	28.35 -0.56 0.00	25.95 -0.50 0.00	25.72 -0.54 0.00	25.25 -0.52 0.00



OSWEGO___6 23613	29.33 -0.63 0.00	26.74 -0.57 0.00	25.81 -0.51 0.00	23.67 -0.47 0.00	21.27 -0.41 0.00	25.31 -0.50 0.00	26.72 -0.53 0.00	23.51 -0.44 0.00	23.58 -0.49 0.00	25.54 -0.57 0.00	29.20 -0.65 0.00	32.96 -0.69 0.00	28.37 -0.57 0.00	32.29 -0.69 0.00	30.51 -0.67 0.00	34.79 -0.78 0.00	39.72 -0.86 0.00	41.00 -0.81 0.00	37.88 -0.75 0.00	33.16 -0.65 0.00	28.35 -0.56 0.00	25.95 -0.50 0.00	25.72 -0.54 0.00	25.25 -0.52 0.00
OUTOKUMPU-AB___DRP 24206	27.94 -2.03 0.00	25.59 -1.73 0.00	24.61 -1.64 0.07	17.91 -1.45 4.77	20.13 -1.49 0.06	22.91 -1.49 1.40	25.57 -1.69 0.00	20.79 -1.68 1.48	22.47 -1.55 0.05	24.78 -1.33 0.00	28.26 -1.59 0.00	32.08 -1.56 0.00	27.57 -1.37 0.00	31.00 -1.99 0.00	27.91 -2.23 1.04	32.90 -2.67 0.00	37.60 -2.98 0.00	37.95 -2.74 1.12	36.12 -2.51 0.00	31.56 -2.26 0.00	27.19 -1.71 0.00	25.18 -1.26 0.00	24.79 -1.48 0.00	24.54 -1.24 0.00
OXBOW___BTM 323836	27.62 -2.35 0.00	25.32 -2.00 0.00	24.37 -1.89 0.07	17.75 -1.70 4.68	19.91 -1.71 0.06	22.69 -1.74 1.37	25.30 -1.96 0.00	20.56 -1.93 1.45	22.21 -1.82 0.04	24.49 -1.62 0.00	27.95 -1.90 0.00	31.71 -1.93 0.00	27.23 -1.70 0.00	30.55 -2.43 0.00	27.53 -2.63 1.02	32.43 -3.14 0.00	37.05 -3.53 0.00	37.41 -3.30 1.11	35.61 -3.01 0.00	31.12 -2.70 0.00	26.82 -2.09 0.00	24.85 -1.59 0.00	24.46 -1.80 0.00	24.23 -1.54 0.00
OXBOW____ 24026	27.63 -2.33 0.00	25.32 -2.00 0.00	24.37 -1.89 0.07	17.78 -1.67 4.68	19.91 -1.70 0.06	22.70 -1.73 1.37	25.30 -1.96 0.00	20.56 -1.93 1.45	22.21 -1.82 0.04	24.49 -1.62 0.00	27.93 -1.92 0.00	31.71 -1.94 0.00	27.22 -1.71 0.00	30.59 -2.40 0.00	27.54 -2.63 1.02	32.43 -3.14 0.00	37.04 -3.54 0.00	37.40 -3.30 1.11	35.61 -3.01 0.00	31.12 -2.70 0.00	26.82 -2.09 0.00	24.85 -1.59 0.00	24.46 -1.80 0.00	24.24 -1.54 0.00
OXY_CHEM_DSASP 323612	27.28 -2.69 0.00	25.02 -2.29 0.00	24.08 -2.17 0.07	17.63 -1.91 4.59	19.69 -1.93 0.06	22.46 -1.99 1.35	25.00 -2.25 0.00	20.32 -2.20 1.43	21.92 -2.11 0.04	24.17 -1.94 0.00	27.55 -2.31 0.00	31.24 -2.40 0.00	26.81 -2.12 0.00	30.08 -2.91 0.00	27.06 -3.12 1.00	31.84 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.58 -3.24 0.00	26.37 -2.54 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.88 0.00
OZONE_PARK_ESR 323760	31.94 1.97 0.00	28.99 1.67 0.00	27.76 1.44 0.00	25.45 1.32 0.00	22.91 1.23 0.00	27.07 1.26 0.00	28.67 1.41 0.00	25.46 1.52 0.00	25.71 1.64 0.00	27.91 1.80 0.00	32.08 2.22 0.00	36.24 2.59 0.00	31.43 2.49 0.00	35.76 2.78 0.00	33.93 2.76 0.00	38.56 2.99 0.00	43.82 3.24 0.00	45.08 3.27 0.00	41.69 3.06 0.00	36.54 2.72 0.00	31.00 2.09 0.00	28.42 1.97 0.00	28.25 1.99 0.00	27.66 1.88 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.28 -2.69 0.00	25.02 -2.29 0.00	24.08 -2.17 0.07	17.63 -1.91 4.59	19.69 -1.93 0.06	22.46 -1.99 1.35	25.00 -2.25 0.00	20.32 -2.20 1.43	21.92 -2.11 0.04	24.17 -1.94 0.00	27.55 -2.31 0.00	31.24 -2.40 0.00	26.81 -2.12 0.00	30.08 -2.91 0.00	27.06 -3.12 1.00	31.84 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.58 -3.24 0.00	26.37 -2.54 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.88 0.00
PACKARD__115KV_DUPONT_184 80571	27.28 -2.69 0.00	25.02 -2.29 0.00	24.08 -2.17 0.07	17.63 -1.91 4.59	19.69 -1.93 0.06	22.46 -1.99 1.35	25.00 -2.25 0.00	20.32 -2.20 1.43	21.92 -2.11 0.04	24.17 -1.94 0.00	27.55 -2.31 0.00	31.24 -2.40 0.00	26.81 -2.12 0.00	30.08 -2.91 0.00	27.06 -3.12 1.00	31.84 -3.72 0.00	36.36 -4.22 0.00	36.72 -4.01 1.09	34.96 -3.66 0.00	30.58 -3.24 0.00	26.37 -2.54 0.00	24.46 -1.99 0.00	24.08 -2.18 0.00	23.89 -1.88 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.56 1.59 0.00	28.66 1.34 0.00	27.46 1.14 0.00	25.22 1.09 0.00	22.68 1.00 0.00	26.78 0.98 0.00	28.38 1.13 0.00	25.20 1.25 0.00	25.46 1.38 0.00	27.57 1.46 0.00	31.67 1.81 0.00	35.73 2.09 0.00	30.97 2.04 0.00	35.22 2.24 0.00	33.44 2.26 0.00	37.92 2.35 0.00	43.05 2.47 0.00	44.34 2.54 0.00	41.02 2.40 0.00	35.98 2.16 0.00	30.57 1.66 0.00	28.06 1.62 0.00	27.91 1.65 0.00	27.29 1.52 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	31.63 1.66 0.00	28.75 1.44 0.00	27.60 1.28 0.00	25.34 1.21 0.00	22.79 1.11 0.00	26.86 1.06 0.00	28.50 1.25 0.00	25.30 1.35 0.00	25.54 1.47 0.00	27.67 1.56 0.00	31.78 1.93 0.00	35.87 2.23 0.00	31.06 2.12 0.00	35.32 2.33 0.00	33.54 2.36 0.00	38.02 2.45 0.00	43.12 2.55 0.00	44.43 2.62 0.00	41.23 2.60 0.00	36.11 2.29 0.00	30.69 1.78 0.00	28.15 1.70 0.00	28.02 1.75 0.00	27.39 1.62 0.00
PATROON__115KV_TB1 80586	30.40 0.44 0.00	27.70 0.39 0.00	26.65 0.33 0.00	24.49 0.36 0.00	22.07 0.39 0.00	26.11 0.31 0.00	27.58 0.32 0.00	24.45 0.50 0.00	24.57 0.50 0.00	26.56 0.45 0.00	30.40 0.54 0.00	34.29 0.64 0.00	29.54 0.61 0.00	33.61 0.62 0.00	31.84 0.66 0.00	36.20 0.64 0.00	41.25 0.67 0.00	42.52 0.71 0.00	39.25 0.62 0.00	34.40 0.58 0.00	29.43 0.52 0.00	26.92 0.47 0.00	26.76 0.50 0.00	26.20 0.43 0.00
PATTRSNVILLE___SOLAR 323815	30.94 0.97 0.00	28.18 0.87 0.00	27.14 0.81 0.00	24.87 0.74 0.00	22.37 0.69 0.00	26.57 0.76 0.00	28.07 0.81 0.00	24.74 0.79 0.00	24.88 0.81 0.00	26.94 0.83 0.00	30.78 0.92 0.00	34.64 0.99 0.00	29.77 0.83 0.00	33.86 0.88 0.00	32.03 0.85 0.00	36.51 0.94 0.00	41.78 1.20 0.00	43.15 1.34 0.00	39.95 1.33 0.00	35.05 1.23 0.00	29.98 1.07 0.00	27.42 0.97 0.00	27.21 0.94 0.00	26.67 0.89 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.26 -1.71 0.00	25.83 -1.48 0.00	24.81 -1.42 0.08	17.31 -1.27 5.55	20.32 -1.29 0.07	22.90 -1.27 1.63	25.80 -1.46 0.00	20.84 -1.40 1.71	22.72 -1.30 0.05	25.02 -1.09 0.00	28.57 -1.29 0.00	32.43 -1.22 0.00	27.88 -1.05 0.00	31.43 -1.55 0.00	28.20 -1.78 1.20	33.48 -2.08 0.00	38.23 -2.35 0.00	38.35 -2.15 1.31	36.66 -1.97 0.00	32.06 -1.76 0.00	27.59 -1.32 0.00	25.50 -0.95 0.00	25.14 -1.13 0.00	24.85 -0.93 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.58 1.62 0.00	28.68 1.37 0.00	27.49 1.17 0.00	25.22 1.09 0.00	22.70 1.02 0.00	26.83 1.03 0.00	28.41 1.15 0.00	25.22 1.27 0.00	25.47 1.39 0.00	27.64 1.53 0.00	31.74 1.88 0.00	35.85 2.20 0.00	31.04 2.10 0.00	35.27 2.29 0.00	33.47 2.29 0.00	38.02 2.45 0.00	43.27 2.69 0.00	44.58 2.77 0.00	41.21 2.58 0.00	36.12 2.29 0.00	30.71 1.80 0.00	28.12 1.68 0.00	27.93 1.67 0.00	27.34 1.56 0.00
PEEKSKILL____ 23653	31.31 1.34 0.00	28.43 1.11 0.00	27.25 0.93 0.00	25.00 0.87 0.00	22.50 0.81 0.00	26.59 0.79 0.00	28.15 0.90 0.00	24.99 1.04 0.00	25.23 1.16 0.00	27.35 1.24 0.00	31.41 1.56 0.00	35.47 1.82 0.00	30.74 1.81 0.00	34.96 1.97 0.00	33.17 1.99 0.00	37.66 2.10 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.79 2.16 0.00	35.75 1.92 0.00	30.39 1.48 0.00	27.84 1.39 0.00	27.67 1.41 0.00	27.11 1.33 0.00



PGE MADISON___WINDPWR 24146	31.18 1.21 0.00	28.20 0.88 0.00	27.45 1.03 -0.10	31.42 0.83 -6.46	22.56 0.80 -0.09	28.75 1.05 -1.89	28.32 1.06 0.00	27.15 1.24 -1.96	25.43 1.30 -0.06	27.56 1.46 0.00	31.56 1.71 0.00	35.72 2.07 0.00	30.77 1.84 0.00	34.87 1.88 0.00	34.44 1.85 -1.41	37.72 2.15 0.00	43.26 2.68 0.00	46.36 3.02 -1.53	41.47 2.85 0.00	36.42 2.60 0.00	31.21 2.30 0.00	28.35 1.90 0.00	27.91 1.64 0.00	27.39 1.61 0.00
PIERCEFIELD___HYD 23852	29.60 -0.37 0.00	27.03 -0.28 0.00	26.06 -0.27 0.00	23.77 -0.36 0.00	21.25 -0.43 0.00	25.51 -0.30 0.00	26.95 -0.30 0.00	23.47 -0.48 0.00	23.66 -0.41 0.00	25.82 -0.29 0.00	29.37 -0.48 0.00	32.99 -0.66 0.00	28.17 -0.77 0.00	32.22 -0.77 0.00	30.47 -0.70 0.00	34.93 -0.64 0.00	40.12 -0.46 0.00	41.63 -0.18 0.00	38.37 -0.25 0.00	33.52 -0.30 0.00	28.72 -0.19 0.00	26.19 -0.25 0.00	25.99 -0.28 0.00	25.51 -0.27 0.00
PINELAWN_CC_1 323563	31.97 2.00 0.00	28.98 1.66 0.00	27.76 1.44 0.00	25.43 1.29 0.00	22.83 1.15 0.00	26.93 1.13 0.00	28.63 1.37 0.00	25.45 1.50 0.00	25.68 1.61 0.00	27.92 1.80 0.00	34.11 2.35 -1.91	36.45 2.52 -0.29	34.96 2.62 -3.41	35.97 2.75 -0.23	34.26 2.69 -0.39	38.04 2.47 0.00	43.28 2.70 0.00	44.57 2.76 0.00	41.18 2.55 0.00	36.14 2.32 0.00	30.70 1.79 0.00	28.26 1.82 0.00	28.55 1.99 -0.29	27.69 1.91 0.00
PJM_GEN_HTP_PROXY 323702	31.52 1.56 0.00	28.63 1.31 0.00	27.42 1.10 0.00	25.15 1.02 0.00	22.64 0.96 0.00	26.75 0.95 0.00	28.32 1.07 0.00	25.17 1.22 0.00	25.41 1.34 0.00	27.56 1.45 0.00	31.68 1.82 0.00	35.76 2.12 0.00	31.01 2.08 0.00	35.27 2.28 0.00	33.48 2.30 0.00	38.01 2.44 0.00	43.17 2.59 0.00	43.75 2.61 0.68	41.07 2.45 0.00	36.01 2.19 0.00	30.57 1.66 0.00	28.02 1.58 0.00	27.86 1.60 0.00	27.30 1.52 0.00
PJM_GEN_KEystone 24065	29.65 -0.31 0.00	26.98 -0.33 0.00	25.85 -0.43 0.04	20.79 -0.38 2.96	21.31 -0.33 0.04	24.50 -0.44 0.87	26.80 -0.45 0.00	22.77 -0.27 0.91	23.85 -0.19 0.03	25.97 -0.14 0.00	29.73 -0.13 0.00	33.92 0.02 -0.25	29.06 0.13 0.00	32.98 0.00 0.00	30.48 -0.06 0.65	35.43 -0.14 0.00	40.37 -0.21 0.00	40.21 -0.22 1.38	38.48 -0.15 0.00	33.71 -0.11 0.00	28.80 -0.11 0.00	26.46 0.01 0.00	26.25 -0.02 0.00	25.79 0.01 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.64 1.68 0.00	28.70 1.38 0.00	27.50 1.18 0.00	25.20 1.07 0.00	22.65 0.96 0.00	26.73 0.92 0.00	28.37 1.12 0.00	25.21 1.26 0.00	25.43 1.36 0.00	27.61 1.50 0.00	33.21 1.97 -1.39	35.98 2.12 -0.22	33.22 2.23 -2.06	35.44 2.33 -0.12	33.81 2.33 -0.30	37.75 2.18 0.00	42.92 2.34 0.00	43.51 2.38 0.68	40.80 2.18 0.00	35.79 1.97 0.00	30.41 1.50 0.00	27.97 1.53 0.00	28.17 1.68 -0.23	27.40 1.62 0.00
PJM_GEN_VFT_PROXY 323633	31.49 1.52 0.00	28.59 1.27 0.00	27.38 1.05 0.00	25.13 1.00 0.00	22.61 0.93 0.00	26.71 0.90 0.00	28.29 1.03 0.00	25.13 1.18 0.00	25.38 1.30 0.00	27.51 1.41 0.00	31.62 1.77 0.00	35.72 2.07 0.00	30.97 2.04 0.00	35.23 2.24 0.00	33.44 2.26 0.00	37.97 2.40 0.00	43.16 2.58 0.00	43.68 2.55 0.68	41.04 2.41 0.00	35.98 2.16 0.00	30.54 1.63 0.00	27.99 1.55 0.00	27.83 1.56 0.00	27.25 1.47 0.00
PLATSBURG_115KV_PMLD1 355749	30.78 0.81 0.00	28.23 0.92 0.00	27.22 0.90 0.00	24.87 0.73 0.00	22.22 0.54 0.00	26.53 0.72 0.00	28.06 0.80 0.00	24.67 0.72 0.00	24.94 0.87 0.00	27.00 0.89 0.00	30.83 0.98 0.00	34.65 1.01 0.00	29.66 0.72 0.00	33.74 0.75 0.00	32.06 0.88 0.00	36.48 0.91 0.00	41.92 1.34 0.00	43.33 1.52 0.00	40.08 1.45 0.00	35.12 1.30 0.00	30.03 1.12 0.00	27.29 0.84 0.00	27.10 0.84 0.00	26.59 0.82 0.00
PLEASANTVLY___LBMP 24000	31.09 1.13 0.00	28.26 0.95 0.00	27.12 0.80 0.00	24.89 0.76 0.00	22.41 0.73 0.00	26.49 0.68 0.00	28.03 0.77 0.00	24.86 0.91 0.00	25.08 1.01 0.00	27.18 1.07 0.00	31.18 1.33 0.00	35.20 1.55 0.00	30.45 1.52 0.00	34.62 1.63 0.00	32.84 1.67 0.00	37.27 1.71 0.00	42.44 1.85 0.00	43.71 1.90 0.00	40.38 1.76 0.00	35.40 1.58 0.00	30.14 1.23 0.00	27.62 1.17 0.00	27.45 1.18 0.00	26.90 1.12 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.37 1.41 0.00	28.50 1.19 0.00	27.32 1.00 0.00	25.07 0.94 0.00	22.56 0.88 0.00	26.67 0.87 0.00	28.23 0.97 0.00	25.06 1.11 0.00	25.29 1.22 0.00	27.43 1.32 0.00	31.50 1.65 0.00	35.56 1.92 0.00	30.81 1.87 0.00	35.03 2.04 0.00	33.24 2.06 0.00	37.74 2.17 0.00	42.95 2.37 0.00	44.22 2.41 0.00	40.88 2.26 0.00	35.81 1.99 0.00	30.46 1.55 0.00	27.90 1.45 0.00	27.74 1.47 0.00	27.18 1.40 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.37 1.41 0.00	28.50 1.19 0.00	27.32 1.00 0.00	25.07 0.94 0.00	22.56 0.88 0.00	26.67 0.87 0.00	28.23 0.97 0.00	25.06 1.11 0.00	25.29 1.22 0.00	27.43 1.32 0.00	31.50 1.65 0.00	35.56 1.92 0.00	30.81 1.87 0.00	35.03 2.04 0.00	33.24 2.06 0.00	37.74 2.17 0.00	42.95 2.37 0.00	44.22 2.41 0.00	40.88 2.26 0.00	35.81 1.99 0.00	30.46 1.55 0.00	27.90 1.45 0.00	27.74 1.47 0.00	27.18 1.40 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.34 1.37 0.00	28.48 1.16 0.00	27.32 1.00 0.00	25.06 0.93 0.00	22.55 0.87 0.00	26.67 0.86 0.00	28.22 0.96 0.00	25.04 1.10 0.00	25.28 1.21 0.00	27.41 1.30 0.00	31.44 1.59 0.00	35.51 1.86 0.00	30.71 1.77 0.00	34.90 1.92 0.00	33.14 1.96 0.00	37.67 2.10 0.00	42.89 2.31 0.00	44.20 2.40 0.00	40.85 2.23 0.00	35.80 1.98 0.00	30.47 1.56 0.00	27.90 1.45 0.00	27.70 1.44 0.00	27.12 1.35 0.00
POLETTI___ 23519	31.52 1.55 0.00	28.62 1.30 0.00	27.42 1.10 0.00	25.15 1.02 0.00	22.64 0.96 0.00	26.74 0.93 0.00	28.32 1.06 0.00	25.17 1.22 0.00	25.40 1.33 0.00	27.56 1.45 0.00	31.67 1.81 0.00	35.75 2.11 0.00	31.00 2.07 0.00	35.27 2.28 0.00	33.48 2.30 0.00	38.01 2.44 0.00	43.18 2.60 0.00	44.42 2.61 0.00	41.07 2.45 0.00	36.01 2.19 0.00	30.57 1.66 0.00	28.02 1.58 0.00	27.86 1.60 0.00	27.29 1.52 0.00
POMONA___ESR 323819	31.32 1.35 0.00	28.43 1.12 0.00	27.26 0.93 0.00	25.00 0.87 0.00	22.49 0.81 0.00	26.59 0.79 0.00	28.15 0.90 0.00	24.99 1.04 0.00	25.23 1.16 0.00	27.35 1.24 0.00	31.41 1.56 0.00	35.50 1.85 0.00	30.77 1.84 0.00	35.00 2.01 0.00	33.22 2.04 0.00	37.74 2.17 0.00	43.00 2.42 0.00	44.26 2.45 0.00	40.89 2.26 0.00	35.81 1.99 0.00	30.44 1.53 0.00	27.88 1.43 0.00	27.71 1.45 0.00	27.13 1.35 0.00
PORT_JEFF_3 23555	31.87 1.90 0.00	28.87 1.56 0.00	27.68 1.35 0.00	25.35 1.21 0.00	22.75 1.07 0.00	26.84 1.03 0.00	28.58 1.32 0.00	25.41 1.46 0.00	25.62 1.55 0.00	27.86 1.76 0.00	34.03 2.27 -1.91	36.36 2.43 -0.29	34.93 2.59 -3.41	35.88 2.67 -0.23	34.22 2.65 -0.39	37.96 2.39 0.00	43.12 2.54 0.00	44.37 2.56 0.00	40.98 2.35 0.00	35.98 2.16 0.00	30.55 1.64 0.00	28.12 1.67 0.00	28.43 1.87 -0.29	27.57 1.79 0.00



PORT_JEFF_4 23616	31.87 1.90 0.00	28.87 1.56 0.00	27.68 1.35 0.00	25.35 1.21 0.00	22.75 1.07 0.00	26.84 1.03 0.00	28.58 1.32 0.00	25.41 1.46 0.00	25.62 1.55 0.00	27.86 1.76 0.00	34.03 2.27 -1.91	36.36 2.43 -0.29	34.93 2.59 -3.41	35.88 2.67 -0.23	34.22 2.65 -0.39	37.96 2.39 0.00	43.12 2.54 0.00	44.37 2.56 0.00	40.98 2.35 0.00	35.98 2.16 0.00	30.55 1.64 0.00	28.12 1.67 0.00	28.43 1.87 -0.29	27.57 1.79 0.00
PORT_JEFF_IC 23713	31.89 1.93 0.00	28.90 1.58 0.00	27.70 1.38 0.00	25.36 1.23 0.00	22.77 1.08 0.00	26.86 1.06 0.00	28.60 1.35 0.00	25.42 1.47 0.00	25.65 1.57 0.00	27.90 1.79 0.00	34.09 2.32 -1.91	36.41 2.48 -0.29	34.98 2.64 -3.41	35.90 2.69 -0.23	34.27 2.71 -0.39	38.01 2.45 0.00	43.17 2.59 0.00	44.45 2.64 0.00	41.05 2.42 0.00	36.04 2.22 0.00	30.59 1.68 0.00	28.15 1.70 0.00	28.46 1.90 -0.29	27.60 1.82 0.00
PPL PILGRIM_ST_GT1 24216	32.07 2.11 0.00	29.07 1.75 0.00	27.86 1.54 0.00	25.51 1.38 0.00	22.90 1.22 0.00	27.00 1.20 0.00	28.73 1.48 0.00	25.55 1.60 0.00	25.77 1.69 0.00	28.02 1.91 0.00	34.23 2.47 -1.91	36.57 2.64 -0.29	35.11 2.76 -3.41	36.09 2.88 -0.23	34.40 2.84 -0.39	38.15 2.59 0.00	43.32 2.74 0.00	44.46 2.65 0.00	41.09 2.47 0.00	36.15 2.33 0.00	30.72 1.81 0.00	28.29 1.85 0.00	28.62 2.06 -0.29	27.76 1.98 0.00
PPL PILGRIM_ST_GT2 24217	32.07 2.11 0.00	29.07 1.75 0.00	27.86 1.54 0.00	25.51 1.38 0.00	22.90 1.22 0.00	27.00 1.20 0.00	28.73 1.48 0.00	25.55 1.60 0.00	25.77 1.69 0.00	28.02 1.91 0.00	34.23 2.47 -1.91	36.57 2.64 -0.29	35.11 2.76 -3.41	36.09 2.88 -0.23	34.40 2.84 -0.39	38.15 2.59 0.00	43.32 2.74 0.00	44.46 2.65 0.00	41.09 2.47 0.00	36.15 2.33 0.00	30.72 1.81 0.00	28.29 1.85 0.00	28.62 2.06 -0.29	27.76 1.98 0.00
PPL_SHRM_GT3 24213	31.65 1.69 0.00	28.66 1.35 0.00	27.48 1.15 0.00	25.16 1.02 0.00	22.58 0.90 0.00	26.69 0.88 0.00	28.52 1.26 0.00	25.28 1.34 0.00	25.46 1.39 0.00	27.72 1.61 0.00	33.87 2.10 -1.91	36.18 2.25 -0.29	34.77 2.42 -3.41	35.69 2.48 -0.23	34.03 2.46 -0.39	37.76 2.19 0.00	42.90 2.32 0.00	44.15 2.34 0.00	40.81 2.19 0.00	35.85 2.03 0.00	30.41 1.50 0.00	27.95 1.50 0.00	28.24 1.68 -0.29	27.35 1.57 0.00
PPL_SHRM_GT4 24214	31.65 1.69 0.00	28.66 1.35 0.00	27.48 1.15 0.00	25.16 1.02 0.00	22.58 0.90 0.00	26.69 0.88 0.00	28.52 1.26 0.00	25.28 1.34 0.00	25.46 1.39 0.00	27.72 1.61 0.00	33.87 2.10 -1.91	36.18 2.25 -0.29	34.77 2.42 -3.41	35.69 2.48 -0.23	34.03 2.46 -0.39	37.76 2.19 0.00	42.90 2.32 0.00	44.15 2.34 0.00	40.81 2.19 0.00	35.85 2.03 0.00	30.41 1.50 0.00	27.95 1.50 0.00	28.24 1.68 -0.29	27.35 1.57 0.00
PROJECT___ORANGE 1 24174	29.69 -0.27 0.00	27.05 -0.26 0.00	26.11 -0.22 0.00	23.95 -0.18 0.00	21.51 -0.17 0.00	25.59 -0.21 0.00	27.03 -0.22 0.00	23.80 -0.15 0.00	23.89 -0.18 0.00	25.89 -0.22 0.00	29.62 -0.23 0.00	33.47 -0.18 0.00	28.81 -0.12 0.00	32.80 -0.19 0.00	31.01 -0.18 0.00	35.35 -0.22 0.00	40.39 -0.19 0.00	41.70 -0.11 0.00	38.53 -0.09 0.00	33.73 -0.09 0.00	28.82 -0.09 0.00	26.37 -0.08 0.00	26.13 -0.14 0.00	25.63 -0.15 0.00
PROJECT___ORANGE 2 24166	29.69 -0.27 0.00	27.05 -0.26 0.00	26.11 -0.22 0.00	23.95 -0.18 0.00	21.51 -0.17 0.00	25.59 -0.21 0.00	27.03 -0.22 0.00	23.80 -0.15 0.00	23.89 -0.18 0.00	25.89 -0.22 0.00	29.62 -0.23 0.00	33.47 -0.18 0.00	28.81 -0.12 0.00	32.80 -0.19 0.00	31.01 -0.18 0.00	35.35 -0.22 0.00	40.39 -0.19 0.00	41.70 -0.11 0.00	38.53 -0.09 0.00	33.73 -0.09 0.00	28.82 -0.09 0.00	26.37 -0.08 0.00	26.13 -0.14 0.00	25.63 -0.15 0.00
PUCKETT___SOLAR 323809	30.21 0.24 0.00	27.38 0.07 0.00	26.49 0.17 0.00	24.25 0.12 0.00	21.79 0.11 0.00	25.95 0.15 0.00	27.39 0.13 0.00	24.19 0.24 0.00	24.31 0.24 0.00	26.37 0.26 0.00	30.22 0.37 0.00	34.15 0.50 0.00	29.39 0.45 0.00	33.38 0.39 0.00	31.53 0.35 0.00	35.97 0.40 0.00	41.13 0.55 0.00	42.55 0.74 0.00	39.37 0.75 0.00	34.45 0.63 0.00	29.48 0.57 0.00	26.94 0.49 0.00	26.68 0.42 0.00	26.20 0.42 0.00
PYRITES___HYD 24023	30.31 0.34 0.00	27.67 0.35 0.00	26.66 0.34 0.00	24.33 0.20 0.00	21.75 0.07 0.00	26.11 0.31 0.00	27.62 0.36 0.00	24.03 0.08 0.00	24.19 0.12 0.00	26.37 0.26 0.00	29.92 0.07 0.00	33.55 -0.10 0.00	28.59 -0.34 0.00	32.71 -0.27 0.00	30.84 -0.34 0.00	35.38 -0.18 0.00	40.79 0.21 0.00	42.60 0.79 0.00	39.36 0.74 0.00	34.39 0.57 0.00	29.48 0.57 0.00	26.89 0.44 0.00	26.63 0.37 0.00	26.13 0.35 0.00
QUAKERRD_115KV_BK1 80622	28.58 -1.38 0.00	26.08 -1.23 0.00	25.12 -1.17 0.04	20.44 -1.09 2.60	20.61 -1.04 0.04	23.92 -1.12 0.76	26.03 -1.23 0.00	21.98 -1.15 0.82	22.92 -1.12 0.03	25.06 -1.05 0.00	28.67 -1.19 0.00	32.40 -1.24 0.00	27.90 -1.04 0.00	31.63 -1.36 0.00	29.21 -1.40 0.57	33.88 -1.68 0.00	38.72 -1.87 0.00	39.48 -1.71 0.62	37.08 -1.54 0.00	32.44 -1.38 0.00	27.80 -1.11 0.00	25.54 -0.91 0.00	25.21 -1.06 0.00	24.81 -0.97 0.00
QUENSBRY_115KV_TB8 356137	32.25 2.28 0.00	29.30 1.99 0.00	28.11 1.79 0.00	25.79 1.66 0.00	23.30 1.62 0.00	27.63 1.83 0.00	29.17 1.91 0.00	25.82 1.88 0.00	26.17 2.10 0.00	28.34 2.23 0.00	32.22 2.36 0.00	36.30 2.65 0.00	31.19 2.25 0.00	35.22 2.23 0.00	33.30 2.13 0.00	37.90 2.33 0.00	43.39 2.81 0.00	44.87 3.06 0.00	41.67 3.04 0.00	36.55 2.72 0.00	31.37 2.46 0.00	28.64 2.19 0.00	28.32 2.05 0.00	27.68 1.90 0.00
RAMAPO___LBMP 323565	31.18 1.21 0.00	28.31 1.00 0.00	27.14 0.82 0.00	24.90 0.77 0.00	22.40 0.72 0.00	26.49 0.68 0.00	28.04 0.79 0.00	24.89 0.94 0.00	25.13 1.05 0.00	27.23 1.12 0.00	31.26 1.41 0.00	35.32 1.67 0.00	30.61 1.68 0.00	34.81 1.82 0.00	33.04 1.85 0.00	37.53 1.96 0.00	42.77 2.19 0.00	44.03 2.22 0.00	40.67 2.04 0.00	35.62 1.79 0.00	30.29 1.38 0.00	27.75 1.30 0.00	27.58 1.31 0.00	27.01 1.23 0.00
RANKINE____ 23646	28.05 -1.91 0.00	25.66 -1.65 0.00	24.67 -1.57 0.08	17.33 -1.43 5.38	20.18 -1.43 0.07	22.81 -1.42 1.58	25.67 -1.58 0.00	20.75 -1.54 1.66	22.60 -1.42 0.05	24.90 -1.21 0.00	28.41 -1.45 0.00	32.26 -1.39 0.00	27.72 -1.21 0.00	31.22 -1.77 0.00	27.99 -2.02 1.17	33.19 -2.37 0.00	37.92 -2.66 0.00	38.07 -2.47 1.27	36.36 -2.26 0.00	31.81 -2.02 0.00	27.39 -1.53 0.00	25.34 -1.11 0.00	24.98 -1.28 0.00	24.72 -1.06 0.00
RAVENSWOOD_GT2_1 24244	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.19 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.04 2.11 0.00	35.30 2.31 0.00	33.51 2.33 0.00	38.04 2.47 0.00	43.23 2.65 0.00	44.47 2.66 0.00	41.12 2.49 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00



RAVENSWOOD_GT2_2 24245	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.19 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.04 2.11 0.00	35.30 2.31 0.00	33.51 2.33 0.00	38.04 2.47 0.00	43.23 2.65 0.00	44.47 2.66 0.00	41.12 2.49 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
RAVENSWOOD_GT2_3 24246	31.58 1.61 0.00	28.68 1.36 0.00	27.47 1.15 0.00	25.20 1.07 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.38 1.12 0.00	25.21 1.27 0.00	25.46 1.38 0.00	27.61 1.50 0.00	31.72 1.87 0.00	35.82 2.17 0.00	31.06 2.12 0.00	35.32 2.34 0.00	33.54 2.36 0.00	38.07 2.51 0.00	43.25 2.67 0.00	44.50 2.69 0.00	41.15 2.53 0.00	36.08 2.26 0.00	30.63 1.72 0.00	28.08 1.64 0.00	27.93 1.66 0.00	27.35 1.57 0.00
RAVENSWOOD_GT2_4 24247	31.58 1.61 0.00	28.68 1.36 0.00	27.47 1.15 0.00	25.20 1.07 0.00	22.69 1.01 0.00	26.79 0.99 0.00	28.38 1.12 0.00	25.21 1.27 0.00	25.46 1.38 0.00	27.61 1.50 0.00	31.72 1.87 0.00	35.82 2.17 0.00	31.06 2.12 0.00	35.32 2.34 0.00	33.54 2.36 0.00	38.07 2.51 0.00	43.25 2.67 0.00	44.50 2.69 0.00	41.15 2.53 0.00	36.08 2.26 0.00	30.63 1.72 0.00	28.08 1.64 0.00	27.93 1.66 0.00	27.35 1.57 0.00
RAVENSWOOD_GT3_1 24248	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.14 0.00	25.20 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.04 2.48 0.00	43.23 2.65 0.00	44.47 2.66 0.00	41.12 2.49 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
RAVENSWOOD_GT3_2 24249	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.14 0.00	25.20 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.04 2.48 0.00	43.23 2.65 0.00	44.47 2.66 0.00	41.12 2.49 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.07 1.62 0.00	27.91 1.65 0.00	27.33 1.56 0.00
RAVENSWOOD_GT3_3 24250	31.61 1.65 0.00	28.71 1.40 0.00	27.50 1.18 0.00	25.23 1.09 0.00	22.71 1.03 0.00	26.83 1.02 0.00	28.41 1.16 0.00	25.24 1.29 0.00	25.49 1.42 0.00	27.65 1.54 0.00	31.77 1.91 0.00	35.87 2.22 0.00	31.10 2.17 0.00	35.37 2.39 0.00	33.58 2.40 0.00	38.12 2.55 0.00	43.32 2.74 0.00	44.56 2.75 0.00	41.20 2.58 0.00	36.13 2.31 0.00	30.68 1.77 0.00	28.13 1.68 0.00	27.96 1.70 0.00	27.38 1.61 0.00
RAVENSWOOD_GT3_4 24251	31.61 1.65 0.00	28.71 1.40 0.00	27.50 1.18 0.00	25.23 1.09 0.00	22.71 1.03 0.00	26.83 1.02 0.00	28.41 1.16 0.00	25.24 1.29 0.00	25.49 1.42 0.00	27.65 1.54 0.00	31.77 1.91 0.00	35.87 2.22 0.00	31.10 2.17 0.00	35.37 2.39 0.00	33.58 2.40 0.00	38.12 2.55 0.00	43.32 2.74 0.00	44.56 2.75 0.00	41.20 2.58 0.00	36.13 2.31 0.00	30.68 1.77 0.00	28.13 1.68 0.00	27.96 1.70 0.00	27.38 1.61 0.00
RAVENSWOOD_GT_1 23729	31.64 1.67 0.00	28.73 1.41 0.00	27.52 1.19 0.00	25.25 1.12 0.00	22.72 1.04 0.00	26.83 1.03 0.00	28.43 1.18 0.00	25.26 1.31 0.00	25.51 1.44 0.00	27.67 1.56 0.00	31.78 1.93 0.00	35.87 2.23 0.00	31.12 2.18 0.00	35.39 2.41 0.00	33.60 2.42 0.00	38.12 2.55 0.00	43.26 2.68 0.00	44.51 2.70 0.00	41.18 2.55 0.00	36.12 2.30 0.00	32.11 1.76 -1.44	28.31 1.69 -0.17	27.99 1.72 0.00	27.38 1.61 0.00
RAVENSWOOD_GT_10 24258	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.20 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.04 2.48 0.00	43.24 2.66 0.00	44.47 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.79 1.71 -0.17	28.09 1.62 -0.02	27.91 1.65 0.00	27.34 1.56 0.00
RAVENSWOOD_GT_11 24259	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.20 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.04 2.48 0.00	43.24 2.66 0.00	44.47 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.79 1.71 -0.17	28.09 1.62 -0.02	27.91 1.65 0.00	27.34 1.56 0.00
RAVENSWOOD_GT_4 24252	31.57 1.61 0.00	28.67 1.35 0.00	27.46 1.14 0.00	25.20 1.07 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.05 2.49 0.00	43.25 2.67 0.00	44.50 2.69 0.00	41.15 2.52 0.00	36.07 2.25 0.00	31.72 1.71 -1.10	28.20 1.62 -0.13	27.91 1.65 0.00	27.34 1.57 0.00
RAVENSWOOD_GT_5 24254	31.57 1.61 0.00	28.67 1.35 0.00	27.46 1.14 0.00	25.20 1.07 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.05 2.49 0.00	43.25 2.67 0.00	44.50 2.69 0.00	41.15 2.52 0.00	36.07 2.25 0.00	31.72 1.71 -1.10	28.20 1.62 -0.13	27.91 1.65 0.00	27.34 1.57 0.00
RAVENSWOOD_GT_6 24253	31.57 1.61 0.00	28.67 1.35 0.00	27.46 1.14 0.00	25.20 1.07 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.05 2.49 0.00	43.25 2.67 0.00	44.50 2.69 0.00	41.15 2.52 0.00	36.07 2.25 0.00	31.72 1.71 -1.10	28.20 1.62 -0.13	27.91 1.65 0.00	27.34 1.57 0.00
RAVENSWOOD_GT_7 24255	31.57 1.61 0.00	28.67 1.35 0.00	27.46 1.14 0.00	25.20 1.07 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.05 2.49 0.00	43.25 2.67 0.00	44.50 2.69 0.00	41.15 2.52 0.00	36.07 2.25 0.00	31.72 1.71 -1.10	28.20 1.62 -0.13	27.91 1.65 0.00	27.34 1.57 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.20 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.04 2.48 0.00	43.24 2.66 0.00	44.47 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.79 1.71 -0.17	28.09 1.62 -0.02	27.91 1.65 0.00	27.34 1.56 0.00



RAVENSWOOD_GT_9 24257	31.57 1.60 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.20 1.06 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.26 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.31 2.32 0.00	33.51 2.33 0.00	38.04 2.48 0.00	43.24 2.66 0.00	44.47 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.79 1.71 -0.17	28.09 1.62 -0.02	27.91 1.65 0.00	27.34 1.56 0.00
RAVENSWOOD___1 23533	31.58 1.62 0.00	28.68 1.36 0.00	27.47 1.15 0.00	25.21 1.08 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.38 1.13 0.00	25.21 1.27 0.00	25.47 1.39 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.17 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.54 2.36 0.00	38.06 2.50 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.10 2.48 0.00	36.06 2.24 0.00	29.21 1.72 1.42	27.93 1.65 0.17	27.94 1.68 0.00	27.33 1.56 0.00
RAVENSWOOD___2 23534	31.54 1.58 0.00	28.64 1.33 0.00	27.43 1.11 0.00	25.18 1.05 0.00	22.65 0.97 0.00	26.76 0.95 0.00	28.35 1.09 0.00	25.18 1.23 0.00	25.44 1.36 0.00	27.58 1.47 0.00	31.69 1.83 0.00	35.77 2.12 0.00	31.02 2.09 0.00	35.29 2.30 0.00	33.50 2.32 0.00	37.99 2.42 0.00	43.01 2.43 0.00	44.14 2.33 0.00	40.84 2.22 0.00	35.88 2.06 0.00	30.53 1.62 0.00	28.06 1.61 0.00	27.91 1.65 0.00	27.30 1.53 0.00
RAVENSWOOD___3 23535	31.58 1.61 0.00	28.67 1.35 0.00	27.46 1.13 0.00	25.20 1.07 0.00	22.68 1.00 0.00	26.79 0.98 0.00	28.37 1.11 0.00	25.20 1.25 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.05 2.11 0.00	35.32 2.33 0.00	33.52 2.34 0.00	38.05 2.48 0.00	43.23 2.65 0.00	44.47 2.66 0.00	41.12 2.50 0.00	36.06 2.24 0.00	30.62 1.71 0.00	28.07 1.62 0.00	27.92 1.65 0.00	27.34 1.56 0.00
RAVENSWOOD___4 23820	31.58 1.62 0.00	28.68 1.36 0.00	27.47 1.15 0.00	25.21 1.08 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.38 1.13 0.00	25.21 1.27 0.00	25.47 1.39 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.17 0.00	31.06 2.13 0.00	35.34 2.35 0.00	33.54 2.36 0.00	38.06 2.50 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.10 2.48 0.00	36.06 2.24 0.00	29.21 1.72 1.42	27.93 1.65 0.17	27.94 1.68 0.00	27.33 1.56 0.00
RCPL_TRUST___DRP 24196	31.56 1.59 0.00	28.66 1.34 0.00	27.44 1.12 0.00	25.18 1.04 0.00	22.67 0.98 0.00	26.78 0.98 0.00	28.35 1.09 0.00	25.19 1.25 0.00	25.44 1.37 0.00	27.60 1.49 0.00	31.71 1.86 0.00	35.80 2.16 0.00	31.06 2.12 0.00	35.31 2.32 0.00	33.52 2.34 0.00	38.06 2.49 0.00	43.24 2.66 0.00	44.48 2.67 0.00	41.12 2.50 0.00	36.06 2.23 0.00	30.60 1.69 0.00	28.05 1.60 0.00	27.89 1.63 0.00	27.32 1.55 0.00
RED___ROCHESTER 323720	29.21 -0.75 0.00	26.67 -0.64 0.00	25.67 -0.61 0.04	20.63 -0.61 2.89	21.03 -0.61 0.04	24.38 -0.58 0.85	26.57 -0.68 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.34 -0.51 0.00	33.19 -0.46 0.00	28.57 -0.37 0.00	32.36 -0.63 0.00	29.85 -0.70 0.63	34.69 -0.88 0.00	39.62 -0.96 0.00	40.40 -0.72 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.40 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
REGAN___SOLAR 323812	32.92 2.95 0.00	29.97 2.66 0.00	28.84 2.52 0.00	26.39 2.26 0.00	23.67 1.99 0.00	28.19 2.39 0.00	29.82 2.57 0.00	26.20 2.25 0.00	26.43 2.36 0.00	28.64 2.53 0.00	32.51 2.65 0.00	35.82 2.18 0.00	30.41 1.47 0.00	34.23 1.25 0.00	32.79 1.61 0.00	36.90 1.33 0.00	44.32 3.74 0.00	46.22 4.41 0.00	43.13 4.51 0.00	37.79 3.96 0.00	32.29 3.38 0.00	29.44 3.00 0.00	29.11 2.85 0.00	28.41 2.63 0.00
RENSSELAER___COGEN 23796	30.22 0.26 0.00	27.54 0.23 0.00	26.50 0.17 0.00	24.35 0.22 0.00	21.96 0.28 0.00	25.98 0.17 0.00	27.43 0.17 0.00	24.31 0.36 0.00	24.43 0.36 0.00	26.41 0.29 0.00	30.21 0.36 0.00	34.08 0.44 0.00	29.36 0.43 0.00	33.40 0.42 0.00	31.64 0.46 0.00	35.96 0.39 0.00	41.00 0.42 0.00	42.23 0.42 0.00	38.99 0.36 0.00	34.20 0.38 0.00	29.25 0.34 0.00	26.75 0.30 0.00	26.60 0.34 0.00	26.06 0.28 0.00
REPUBLIC_115KV_BARTNBRK 55605	33.62 3.65 0.00	30.56 3.24 0.00	29.27 2.95 0.00	26.85 2.72 0.00	24.34 2.66 0.00	28.85 3.04 0.00	30.44 3.19 0.00	26.97 3.02 0.00	27.51 3.44 0.00	29.84 3.73 0.00	33.97 4.12 0.00	38.23 4.59 0.00	32.78 3.85 0.00	36.91 3.92 0.00	34.88 3.70 0.00	39.66 4.09 0.00	45.47 4.89 0.00	47.25 5.44 0.00	43.66 5.04 0.00	38.39 4.56 0.00	32.78 3.87 0.00	30.01 3.56 0.00	30.03 3.76 0.00	29.34 3.56 0.00
REVERE_CPPR_DRP 24186	30.58 0.61 0.00	27.85 0.53 0.00	26.81 0.49 0.00	24.57 0.43 0.00	22.08 0.39 0.00	26.30 0.49 0.00	27.80 0.54 0.00	24.52 0.58 0.00	24.65 0.58 0.00	26.75 0.64 0.00	30.60 0.75 0.00	34.67 1.03 0.00	29.74 0.81 0.00	33.86 0.87 0.00	32.05 0.87 0.00	36.54 0.97 0.00	41.81 1.23 0.00	43.38 1.57 0.00	40.07 1.44 0.00	35.11 1.29 0.00	30.00 1.09 0.00	27.37 0.92 0.00	27.13 0.86 0.00	26.57 0.80 0.00
REYNOLDS_115KV_TB3 80639	30.43 0.46 0.00	27.74 0.43 0.00	26.69 0.37 0.00	24.54 0.40 0.00	22.12 0.44 0.00	26.17 0.37 0.00	27.63 0.37 0.00	24.47 0.52 0.00	24.60 0.53 0.00	26.58 0.47 0.00	30.42 0.57 0.00	34.31 0.67 0.00	29.56 0.62 0.00	33.61 0.62 0.00	31.84 0.66 0.00	36.16 0.59 0.00	41.20 0.62 0.00	42.45 0.65 0.00	39.19 0.56 0.00	34.36 0.54 0.00	29.41 0.50 0.00	26.91 0.46 0.00	26.77 0.50 0.00	26.24 0.46 0.00
RIVERBAY____ 323610	31.63 1.66 0.00	28.75 1.44 0.00	27.60 1.28 0.00	25.34 1.21 0.00	22.79 1.11 0.00	26.86 1.06 0.00	28.50 1.25 0.00	25.30 1.35 0.00	25.54 1.47 0.00	27.67 1.56 0.00	31.78 1.93 0.00	35.87 2.23 0.00	31.06 2.12 0.00	35.32 2.33 0.00	33.54 2.36 0.00	38.02 2.45 0.00	43.12 2.55 0.00	44.43 2.62 0.00	41.23 2.60 0.00	36.11 2.29 0.00	30.69 1.78 0.00	28.15 1.70 0.00	28.02 1.75 0.00	27.39 1.62 0.00
RIVERSDE_115KV_TB3 55908	30.35 0.39 0.00	27.67 0.35 0.00	26.62 0.29 0.00	24.47 0.33 0.00	22.05 0.37 0.00	26.09 0.29 0.00	27.55 0.29 0.00	24.41 0.46 0.00	24.54 0.47 0.00	26.51 0.40 0.00	30.35 0.49 0.00	34.22 0.58 0.00	29.49 0.55 0.00	33.54 0.55 0.00	31.78 0.60 0.00	36.10 0.54 0.00	41.15 0.57 0.00	42.40 0.59 0.00	39.14 0.51 0.00	34.31 0.49 0.00	29.37 0.45 0.00	26.86 0.41 0.00	26.71 0.45 0.00	26.17 0.40 0.00
ROARING___BROOK_WT_PWR 323790	29.18 -0.79 0.00	26.69 -0.62 0.00	25.64 -0.68 0.00	23.37 -0.77 0.00	21.04 -0.64 0.00	25.33 -0.47 0.00	26.58 -0.68 0.00	23.16 -0.79 0.00	23.30 -0.77 0.00	25.62 -0.49 0.00	29.03 -0.82 0.00	32.62 -1.03 0.00	28.12 -0.81 0.00	32.31 -0.68 0.00	30.66 -0.52 0.00	35.02 -0.55 0.00	40.00 -0.58 0.00	41.41 -0.39 0.00	37.90 -0.72 0.00	32.97 -0.85 0.00	28.23 -0.68 0.00	25.83 -0.62 0.00	25.67 -0.60 0.00	25.43 -0.35 0.00



ROCHESRG_115KV_T4 355643	28.87 -1.10 0.00	26.37 -0.95 0.00	25.38 -0.90 0.04	20.44 -0.84 2.86	20.81 -0.84 0.04	24.12 -0.84 0.84	26.29 -0.97 0.00	22.09 -0.95 0.91	23.14 -0.90 0.03	25.34 -0.77 0.00	28.96 -0.89 0.00	32.75 -0.89 0.00	28.17 -0.77 0.00	31.90 -1.09 0.00	29.39 -1.17 0.62	34.14 -1.43 0.00	38.98 -1.60 0.00	39.73 -1.41 0.68	37.38 -1.25 0.00	32.71 -1.11 0.00	28.06 -0.85 0.00	25.82 -0.62 0.00	25.47 -0.80 0.00	25.09 -0.68 0.00
ROCHESTER_9_IC 23652	29.05 -0.92 0.00	26.53 -0.79 0.00	25.53 -0.75 0.04	20.53 -0.71 2.89	20.92 -0.72 0.04	24.25 -0.70 0.85	26.44 -0.81 0.00	22.20 -0.82 0.92	23.28 -0.77 0.03	25.50 -0.61 0.00	29.15 -0.70 0.00	32.97 -0.68 0.00	28.37 -0.57 0.00	32.14 -0.84 0.00	29.62 -0.93 0.63	34.42 -1.15 0.00	39.30 -1.28 0.00	40.07 -1.06 0.69	37.69 -0.93 0.00	32.99 -0.83 0.00	28.30 -0.61 0.00	26.02 -0.43 0.00	25.66 -0.60 0.00	25.27 -0.51 0.00
ROCKVIEW_13_KV_LD 356306	31.56 1.60 0.00	28.66 1.35 0.00	27.48 1.16 0.00	25.21 1.08 0.00	22.68 0.99 0.00	26.82 1.01 0.00	28.37 1.11 0.00	25.19 1.24 0.00	25.44 1.36 0.00	27.58 1.47 0.00	31.71 1.85 0.00	35.80 2.16 0.00	31.04 2.10 0.00	35.29 2.31 0.00	33.49 2.31 0.00	38.03 2.46 0.00	43.26 2.68 0.00	44.53 2.72 0.00	41.19 2.57 0.00	36.08 2.26 0.00	30.66 1.75 0.00	28.08 1.64 0.00	27.92 1.66 0.00	27.35 1.58 0.00
ROME____115KV_TB2 80656	30.58 0.61 0.00	27.85 0.53 0.00	26.81 0.49 0.00	24.57 0.43 0.00	22.08 0.39 0.00	26.30 0.49 0.00	27.80 0.54 0.00	24.52 0.58 0.00	24.65 0.58 0.00	26.75 0.64 0.00	30.60 0.75 0.00	34.67 1.03 0.00	29.74 0.81 0.00	33.86 0.87 0.00	32.05 0.87 0.00	36.54 0.97 0.00	41.81 1.23 0.00	43.38 1.57 0.00	40.07 1.44 0.00	35.11 1.29 0.00	30.00 1.09 0.00	27.37 0.92 0.00	27.13 0.86 0.00	26.57 0.80 0.00
ROSETON____1 23587	31.07 1.11 0.00	28.23 0.92 0.00	27.09 0.77 0.00	24.87 0.73 0.00	22.38 0.70 0.00	26.46 0.66 0.00	28.00 0.74 0.00	24.84 0.89 0.00	25.05 0.98 0.00	27.15 1.04 0.00	31.15 1.29 0.00	35.17 1.52 0.00	30.44 1.50 0.00	34.60 1.62 0.00	32.82 1.65 0.00	37.27 1.71 0.00	42.44 1.86 0.00	43.71 1.90 0.00	40.39 1.76 0.00	35.40 1.58 0.00	30.13 1.22 0.00	27.60 1.15 0.00	27.44 1.18 0.00	26.89 1.11 0.00
ROSETON____2 23588	31.07 1.11 0.00	28.23 0.92 0.00	27.09 0.77 0.00	24.87 0.73 0.00	22.38 0.70 0.00	26.46 0.66 0.00	28.00 0.74 0.00	24.84 0.89 0.00	25.05 0.98 0.00	27.15 1.04 0.00	31.15 1.29 0.00	35.17 1.52 0.00	30.44 1.50 0.00	34.60 1.62 0.00	32.82 1.65 0.00	37.27 1.71 0.00	42.44 1.86 0.00	43.71 1.90 0.00	40.39 1.76 0.00	35.40 1.58 0.00	30.13 1.22 0.00	27.60 1.15 0.00	27.44 1.18 0.00	26.89 1.11 0.00
ROTRRDAM_115KV_TB3 80664	30.67 0.70 0.00	27.93 0.62 0.00	26.89 0.56 0.00	24.67 0.54 0.00	22.21 0.52 0.00	26.34 0.54 0.00	27.82 0.57 0.00	24.56 0.61 0.00	24.71 0.63 0.00	26.76 0.65 0.00	30.60 0.75 0.00	34.50 0.85 0.00	29.70 0.76 0.00	33.78 0.79 0.00	31.98 0.79 0.00	36.40 0.83 0.00	41.54 0.95 0.00	42.84 1.03 0.00	39.61 0.98 0.00	34.72 0.90 0.00	29.69 0.78 0.00	27.16 0.72 0.00	26.97 0.71 0.00	26.44 0.66 0.00
RUSSELL____1 23602	29.22 -0.74 0.00	26.67 -0.64 0.00	25.66 -0.61 0.04	20.65 -0.59 2.89	21.02 -0.62 0.04	24.37 -0.58 0.85	26.57 -0.69 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.33 -0.52 0.00	33.18 -0.46 0.00	28.56 -0.37 0.00	32.38 -0.61 0.00	29.86 -0.69 0.63	34.69 -0.88 0.00	39.62 -0.97 0.00	40.39 -0.73 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.39 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
RUSSELL____2 23532	29.22 -0.74 0.00	26.67 -0.64 0.00	25.66 -0.61 0.04	20.65 -0.59 2.89	21.02 -0.62 0.04	24.37 -0.58 0.85	26.57 -0.69 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.33 -0.52 0.00	33.18 -0.46 0.00	28.56 -0.37 0.00	32.38 -0.61 0.00	29.86 -0.69 0.63	34.69 -0.88 0.00	39.62 -0.97 0.00	40.39 -0.73 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.39 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
RUSSELL____3 23549	29.22 -0.74 0.00	26.67 -0.64 0.00	25.66 -0.61 0.04	20.65 -0.59 2.89	21.02 -0.62 0.04	24.37 -0.58 0.85	26.57 -0.69 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.33 -0.52 0.00	33.18 -0.46 0.00	28.56 -0.37 0.00	32.38 -0.61 0.00	29.86 -0.69 0.63	34.69 -0.88 0.00	39.62 -0.97 0.00	40.39 -0.73 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.39 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
RUSSELL____4 23556	29.22 -0.74 0.00	26.67 -0.64 0.00	25.66 -0.61 0.04	20.65 -0.59 2.89	21.02 -0.62 0.04	24.37 -0.58 0.85	26.57 -0.69 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.33 -0.52 0.00	33.18 -0.46 0.00	28.56 -0.37 0.00	32.38 -0.61 0.00	29.86 -0.69 0.63	34.69 -0.88 0.00	39.62 -0.97 0.00	40.39 -0.73 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.39 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
RUSSELL____STATION 23914	29.22 -0.74 0.00	26.67 -0.64 0.00	25.66 -0.61 0.04	20.65 -0.59 2.89	21.02 -0.62 0.04	24.37 -0.58 0.85	26.57 -0.69 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.33 -0.52 0.00	33.18 -0.46 0.00	28.56 -0.37 0.00	32.38 -0.61 0.00	29.86 -0.69 0.63	34.69 -0.88 0.00	39.62 -0.97 0.00	40.39 -0.73 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.39 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
S SALMON____HYD 24043	29.34 -0.63 0.00	26.71 -0.61 0.00	25.78 -0.55 0.00	23.62 -0.51 0.00	21.23 -0.45 0.00	25.35 -0.45 0.00	26.73 -0.53 0.00	23.52 -0.43 0.00	23.68 -0.40 0.00	25.68 -0.42 0.00	29.26 -0.59 0.00	33.09 -0.56 0.00	28.36 -0.58 0.00	32.39 -0.60 0.00	30.67 -0.51 0.00	35.02 -0.55 0.00	40.28 -0.30 0.00	41.77 -0.04 0.00	38.33 -0.30 0.00	33.56 -0.26 0.00	28.77 -0.14 0.00	26.31 -0.14 0.00	26.04 -0.23 0.00	25.57 -0.21 0.00
S.PERRY__115KV_TB1 80734	29.25 -0.72 0.00	26.71 -0.60 0.00	25.64 -0.59 0.10	17.19 -0.52 6.43	20.98 -0.61 0.09	23.34 -0.57 1.89	26.73 -0.52 0.00	21.45 -0.51 1.98	23.57 -0.44 0.06	25.80 -0.31 0.00	29.55 -0.31 0.00	33.15 -0.49 0.00	28.47 -0.47 0.00	32.33 -0.66 0.00	29.05 -0.73 1.40	34.71 -0.86 0.00	39.68 -0.90 0.00	39.75 -0.54 1.52	38.17 -0.45 0.00	33.63 -0.19 0.00	29.04 0.13 0.00	26.73 0.28 0.00	26.33 0.07 0.00	25.89 0.12 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.85 -2.12 0.00	25.50 -1.81 0.00	24.52 -1.73 0.08	17.61 -1.56 4.96	20.06 -1.55 0.07	22.78 -1.57 1.45	25.49 -1.77 0.00	20.67 -1.74 1.54	22.40 -1.63 0.05	24.67 -1.43 0.00	28.15 -1.71 0.00	31.95 -1.70 0.00	27.43 -1.50 0.00	30.85 -2.14 0.00	27.72 -2.38 1.08	32.75 -2.82 0.00	37.40 -3.18 0.00	37.66 -2.98 1.17	35.91 -2.71 0.00	31.42 -2.40 0.00	27.06 -1.85 0.00	25.06 -1.39 0.00	24.70 -1.57 0.00	24.45 -1.32 0.00



SAWYER___23_KV_LOAD 55526	27.85 -2.12 0.00	25.50 -1.81 0.00	24.52 -1.73 0.08	17.61 -1.56 4.96	20.06 -1.55 0.07	22.78 -1.57 1.45	25.49 -1.77 0.00	20.67 -1.74 1.54	22.40 -1.63 0.05	24.67 -1.43 0.00	28.15 -1.71 0.00	31.95 -1.70 0.00	27.43 -1.50 0.00	30.85 -2.14 0.00	27.72 -2.38 1.08	32.75 -2.82 0.00	37.40 -3.18 0.00	37.66 -2.98 1.17	35.91 -2.71 0.00	31.42 -2.40 0.00	27.06 -1.85 0.00	25.06 -1.39 0.00	24.70 -1.57 0.00	24.45 -1.32 0.00
SELKIRK___I 23801	30.51 0.54 0.00	27.81 0.50 0.00	26.78 0.46 0.00	24.61 0.48 0.00	22.16 0.48 0.00	26.25 0.45 0.00	27.72 0.47 0.00	24.52 0.58 0.00	24.65 0.57 0.00	26.62 0.51 0.00	30.44 0.58 0.00	34.32 0.68 0.00	29.53 0.59 0.00	33.59 0.61 0.00	31.81 0.63 0.00	36.20 0.63 0.00	41.33 0.74 0.00	42.54 0.73 0.00	39.31 0.69 0.00	34.50 0.68 0.00	29.51 0.61 0.00	27.00 0.55 0.00	26.83 0.57 0.00	26.29 0.52 0.00
SELKIRK___II 23799	30.34 0.37 0.00	27.64 0.33 0.00	26.60 0.28 0.00	24.44 0.31 0.00	22.01 0.33 0.00	26.07 0.26 0.00	27.53 0.28 0.00	24.37 0.42 0.00	24.50 0.43 0.00	26.49 0.38 0.00	30.32 0.47 0.00	34.20 0.55 0.00	29.47 0.53 0.00	33.53 0.54 0.00	31.75 0.58 0.00	36.10 0.53 0.00	41.16 0.58 0.00	42.39 0.58 0.00	39.17 0.54 0.00	34.33 0.51 0.00	29.35 0.44 0.00	26.85 0.40 0.00	26.70 0.43 0.00	26.16 0.39 0.00
SENECA OSWGO___HYD 24041	29.49 -0.48 0.00	26.86 -0.45 0.00	25.92 -0.40 0.00	23.78 -0.35 0.00	21.37 -0.32 0.00	25.42 -0.38 0.00	26.86 -0.40 0.00	23.62 -0.33 0.00	23.71 -0.37 0.00	25.66 -0.45 0.00	29.34 -0.52 0.00	33.13 -0.52 0.00	28.48 -0.46 0.00	32.50 -0.49 0.00	30.75 -0.43 0.00	35.07 -0.50 0.00	40.10 -0.48 0.00	41.35 -0.46 0.00	38.19 -0.44 0.00	33.46 -0.36 0.00	28.60 -0.31 0.00	26.15 -0.29 0.00	25.91 -0.35 0.00	25.41 -0.37 0.00
SENECA___115KV_TB3 355854	28.09 -1.87 0.00	25.70 -1.61 0.00	24.70 -1.54 0.08	17.37 -1.39 5.38	20.22 -1.39 0.07	22.85 -1.38 1.58	25.72 -1.54 0.00	20.79 -1.50 1.66	22.64 -1.38 0.05	24.95 -1.16 0.00	28.46 -1.40 0.00	32.32 -1.33 0.00	27.77 -1.16 0.00	31.28 -1.71 0.00	28.05 -1.96 1.17	33.27 -2.30 0.00	38.00 -2.58 0.00	38.16 -2.39 1.27	36.44 -2.18 0.00	31.87 -1.95 0.00	27.44 -1.47 0.00	25.39 -1.06 0.00	25.03 -1.24 0.00	24.76 -1.02 0.00
SENECA___ENERGY 23797	29.35 -0.62 0.00	26.72 -0.60 0.00	25.74 -0.57 0.02	22.35 -0.55 1.23	21.19 -0.48 0.02	24.87 -0.57 0.36	26.67 -0.59 0.00	23.14 -0.44 0.36	23.60 -0.47 0.01	25.67 -0.45 0.00	29.41 -0.44 0.00	33.16 -0.49 0.00	28.61 -0.32 0.00	32.55 -0.43 0.00	30.38 -0.54 0.27	34.99 -0.58 0.00	39.91 -0.67 0.00	40.94 -0.58 0.29	38.27 -0.35 0.00	33.52 -0.31 0.00	28.71 -0.20 0.00	26.28 -0.16 0.00	25.97 -0.30 0.00	25.50 -0.28 0.00
SHOEMAKER___GT 23640	30.97 1.00 0.00	28.14 0.83 0.00	27.02 0.70 0.00	24.79 0.66 0.00	22.30 0.61 0.00	26.40 0.60 0.00	27.93 0.67 0.00	24.75 0.80 0.00	24.96 0.89 0.00	27.06 0.95 0.00	30.99 1.14 0.00	34.99 1.34 0.00	30.24 1.31 0.00	34.36 1.37 0.00	32.59 1.41 0.00	37.07 1.50 0.00	42.34 1.76 0.00	43.63 1.82 0.00	40.31 1.69 0.00	35.31 1.48 0.00	30.07 1.16 0.00	27.53 1.08 0.00	27.34 1.08 0.00	26.79 1.02 0.00
SHOEMAKR_138KV_BK 111 55601	30.96 0.99 0.00	28.14 0.82 0.00	27.01 0.69 0.00	24.78 0.65 0.00	22.29 0.61 0.00	26.39 0.59 0.00	27.92 0.66 0.00	24.74 0.79 0.00	24.95 0.88 0.00	27.05 0.94 0.00	31.00 1.14 0.00	35.00 1.35 0.00	30.27 1.33 0.00	34.39 1.40 0.00	32.62 1.44 0.00	37.10 1.53 0.00	42.35 1.77 0.00	43.63 1.83 0.00	40.31 1.68 0.00	35.31 1.49 0.00	30.07 1.16 0.00	27.52 1.08 0.00	27.34 1.08 0.00	26.79 1.01 0.00
SHOREHAM_IC_1 23715	31.65 1.69 0.00	28.66 1.35 0.00	27.48 1.15 0.00	25.16 1.02 0.00	22.58 0.90 0.00	26.69 0.88 0.00	28.52 1.26 0.00	25.28 1.34 0.00	25.46 1.39 0.00	27.72 1.61 0.00	33.87 2.10 -1.91	36.18 2.25 -0.29	34.77 2.42 -3.41	35.69 2.48 -0.23	34.03 2.46 -0.39	37.76 2.19 0.00	42.90 2.32 0.00	44.15 2.34 0.00	40.81 2.19 0.00	35.85 2.03 0.00	30.41 1.50 0.00	27.95 1.50 0.00	28.24 1.68 -0.29	27.35 1.57 0.00
SHOREHAM_IC_2 23716	31.65 1.69 0.00	28.66 1.35 0.00	27.48 1.15 0.00	25.16 1.02 0.00	22.58 0.90 0.00	26.69 0.88 0.00	28.52 1.26 0.00	25.28 1.34 0.00	25.46 1.39 0.00	27.72 1.61 0.00	33.87 2.10 -1.91	36.18 2.25 -0.29	34.77 2.42 -3.41	35.69 2.48 -0.23	34.03 2.46 -0.39	37.76 2.19 0.00	42.90 2.32 0.00	44.15 2.34 0.00	40.81 2.19 0.00	35.85 2.03 0.00	30.41 1.50 0.00	27.95 1.50 0.00	28.24 1.68 -0.29	27.35 1.57 0.00
SISSONVILLE____ 23735	29.60 -0.37 0.00	27.03 -0.28 0.00	26.06 -0.27 0.00	23.77 -0.36 0.00	21.25 -0.43 0.00	25.51 -0.30 0.00	26.95 -0.30 0.00	23.47 -0.48 0.00	23.66 -0.41 0.00	25.82 -0.29 0.00	29.37 -0.48 0.00	32.99 -0.66 0.00	28.17 -0.77 0.00	32.22 -0.77 0.00	30.47 -0.70 0.00	34.93 -0.64 0.00	40.12 -0.46 0.00	41.63 -0.18 0.00	38.37 -0.25 0.00	33.52 -0.30 0.00	28.72 -0.19 0.00	26.19 -0.25 0.00	25.99 -0.28 0.00	25.51 -0.27 0.00
SITHE_IND_GS1 24169	29.16 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.64 0.00	23.55 -0.58 0.00	21.17 -0.51 0.00	25.18 -0.63 0.00	26.59 -0.67 0.00	23.38 -0.57 0.00	23.43 -0.64 0.00	25.36 -0.75 0.00	28.98 -0.88 0.00	32.70 -0.94 0.00	28.14 -0.79 0.00	32.04 -0.95 0.00	30.27 -0.90 0.00	34.52 -1.05 0.00	39.41 -1.17 0.00	40.66 -1.15 0.00	37.57 -1.05 0.00	32.90 -0.93 0.00	28.12 -0.79 0.00	25.74 -0.71 0.00	25.51 -0.75 0.00	25.06 -0.72 0.00
SITHE_IND_GS2 24170	29.16 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.64 0.00	23.55 -0.58 0.00	21.17 -0.51 0.00	25.18 -0.63 0.00	26.59 -0.67 0.00	23.38 -0.57 0.00	23.43 -0.64 0.00	25.36 -0.75 0.00	28.98 -0.88 0.00	32.70 -0.94 0.00	28.14 -0.79 0.00	32.04 -0.95 0.00	30.27 -0.90 0.00	34.52 -1.05 0.00	39.41 -1.17 0.00	40.66 -1.15 0.00	37.57 -1.05 0.00	32.90 -0.93 0.00	28.12 -0.79 0.00	25.74 -0.71 0.00	25.51 -0.75 0.00	25.06 -0.72 0.00
SITHE_IND_GS3 24171	29.16 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.64 0.00	23.55 -0.58 0.00	21.17 -0.51 0.00	25.18 -0.63 0.00	26.59 -0.67 0.00	23.38 -0.57 0.00	23.43 -0.64 0.00	25.36 -0.75 0.00	28.98 -0.88 0.00	32.70 -0.94 0.00	28.14 -0.79 0.00	32.04 -0.95 0.00	30.27 -0.90 0.00	34.52 -1.05 0.00	39.41 -1.17 0.00	40.66 -1.15 0.00	37.57 -1.05 0.00	32.90 -0.93 0.00	28.12 -0.79 0.00	25.74 -0.71 0.00	25.51 -0.75 0.00	25.06 -0.72 0.00
SITHE_IND_GS4 24172	29.16 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.64 0.00	23.55 -0.58 0.00	21.17 -0.51 0.00	25.18 -0.63 0.00	26.59 -0.67 0.00	23.38 -0.57 0.00	23.43 -0.64 0.00	25.36 -0.75 0.00	28.98 -0.88 0.00	32.70 -0.94 0.00	28.14 -0.79 0.00	32.04 -0.95 0.00	30.27 -0.90 0.00	34.52 -1.05 0.00	39.41 -1.17 0.00	40.66 -1.15 0.00	37.57 -1.05 0.00	32.90 -0.93 0.00	28.12 -0.79 0.00	25.74 -0.71 0.00	25.51 -0.75 0.00	25.06 -0.72 0.00



SITHE___BATAVIA 24024	28.99 -0.97 0.00	26.50 -0.81 0.00	25.49 -0.77 0.06	19.53 -0.71 3.89	20.85 -0.78 0.05	23.99 -0.67 1.14	26.45 -0.81 0.00	21.85 -0.87 1.22	23.25 -0.78 0.04	25.54 -0.57 0.00	29.22 -0.63 0.00	32.97 -0.68 0.00	28.36 -0.57 0.00	31.97 -1.01 0.00	29.13 -1.21 0.84	34.14 -1.43 0.00	39.06 -1.52 0.00	39.81 -1.09 0.91	37.76 -0.86 0.00	33.10 -0.73 0.00	28.46 -0.45 0.00	26.24 -0.21 0.00	25.79 -0.48 0.00	25.42 -0.36 0.00
SITHE___INDEPEND 23800	29.16 -0.80 0.00	26.59 -0.72 0.00	25.68 -0.64 0.00	23.55 -0.58 0.00	21.17 -0.51 0.00	25.18 -0.63 0.00	26.59 -0.67 0.00	23.38 -0.57 0.00	23.43 -0.64 0.00	25.36 -0.75 0.00	28.98 -0.88 0.00	32.70 -0.94 0.00	28.14 -0.79 0.00	32.04 -0.94 0.00	30.28 -0.90 0.00	34.52 -1.04 0.00	39.40 -1.18 0.00	40.66 -1.15 0.00	37.57 -1.06 0.00	32.90 -0.93 0.00	28.12 -0.79 0.00	25.74 -0.71 0.00	25.51 -0.75 0.00	25.06 -0.72 0.00
SITHE___MASSENA 23902	30.03 0.06 0.00	27.44 0.13 0.00	26.46 0.13 0.00	24.18 0.05 0.00	21.63 -0.06 0.00	25.92 0.12 0.00	27.38 0.12 0.00	23.84 -0.11 0.00	23.99 -0.08 0.00	26.17 0.06 0.00	29.83 -0.03 0.00	33.51 -0.13 0.00	28.68 -0.25 0.00	32.79 -0.20 0.00	30.99 -0.19 0.00	35.48 -0.09 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.84 0.02 0.00	28.97 0.06 0.00	26.46 0.02 0.00	26.26 0.00 0.00	25.81 0.03 0.00
SITHE___OGDNSBRG 24021	30.41 0.45 0.00	27.77 0.46 0.00	26.77 0.44 0.00	24.43 0.30 0.00	21.84 0.16 0.00	26.22 0.41 0.00	27.72 0.46 0.00	24.10 0.15 0.00	24.25 0.18 0.00	26.43 0.33 0.00	30.01 0.16 0.00	33.63 -0.02 0.00	28.73 -0.20 0.00	32.81 -0.18 0.00	30.96 -0.22 0.00	35.50 -0.07 0.00	40.89 0.31 0.00	42.66 0.85 0.00	39.43 0.80 0.00	34.43 0.60 0.00	29.50 0.59 0.00	26.92 0.47 0.00	26.67 0.40 0.00	26.17 0.40 0.00
SITHE___STERLING 23777	30.44 0.48 0.00	27.71 0.39 0.00	26.69 0.37 0.00	24.47 0.33 0.00	22.00 0.32 0.00	26.18 0.37 0.00	27.67 0.41 0.00	24.41 0.46 0.00	24.52 0.45 0.00	26.61 0.50 0.00	30.47 0.62 0.00	34.48 0.83 0.00	29.63 0.70 0.00	33.70 0.71 0.00	31.90 0.72 0.00	36.34 0.77 0.00	41.47 0.89 0.00	42.96 1.16 0.00	39.74 1.12 0.00	34.85 1.03 0.00	29.78 0.87 0.00	27.18 0.73 0.00	26.93 0.67 0.00	26.39 0.61 0.00
SLEIGHT__34_KV_TB1 80719	29.23 -0.73 0.00	26.66 -0.66 0.00	25.68 -0.62 0.03	21.84 -0.60 1.70	21.08 -0.58 0.02	24.71 -0.59 0.50	26.59 -0.67 0.00	22.82 -0.59 0.53	23.48 -0.57 0.02	25.63 -0.48 0.00	29.33 -0.52 0.00	33.15 -0.50 0.00	28.57 -0.37 0.00	32.41 -0.58 0.00	30.17 -0.64 0.37	34.80 -0.77 0.00	39.76 -0.82 0.00	40.81 -0.60 0.40	38.08 -0.55 0.00	33.32 -0.50 0.00	28.55 -0.36 0.00	26.17 -0.28 0.00	25.82 -0.44 0.00	25.38 -0.39 0.00
SOUTH CAIRO___GT 23612	31.41 1.45 0.00	28.60 1.28 0.00	27.52 1.20 0.00	25.28 1.15 0.00	22.78 1.10 0.00	26.99 1.18 0.00	28.50 1.24 0.00	25.28 1.33 0.00	25.45 1.38 0.00	27.55 1.44 0.00	31.42 1.56 0.00	35.51 1.87 0.00	30.40 1.47 0.00	34.60 1.62 0.00	32.78 1.60 0.00	37.24 1.67 0.00	42.80 2.22 0.00	44.06 2.25 0.00	40.73 2.10 0.00	35.79 1.96 0.00	30.65 1.74 0.00	27.97 1.52 0.00	27.70 1.43 0.00	27.04 1.26 0.00
SOUTH HAMPTN___IC 23720	32.27 2.30 0.00	29.20 1.89 0.00	27.99 1.67 0.00	25.63 1.50 0.00	23.01 1.33 0.00	27.17 1.37 0.00	29.01 1.75 0.00	25.75 1.81 0.00	26.00 1.92 0.00	28.36 2.25 0.00	34.61 2.85 -1.91	37.07 3.14 -0.29	35.54 3.19 -3.41	36.52 3.31 -0.23	34.75 3.18 -0.39	38.58 3.01 0.00	43.85 3.27 0.00	45.13 3.32 0.00	41.68 3.06 0.00	36.61 2.79 0.00	31.06 2.15 0.00	28.47 2.02 0.00	28.75 2.19 -0.29	27.75 1.98 0.00
SOUTHDOW_115KV_TB1 355954	28.60 -1.36 0.00	26.02 -1.30 0.00	24.91 -1.32 0.10	16.56 -1.07 6.50	20.64 -0.95 0.09	23.05 -0.84 1.91	26.33 -0.92 0.00	21.08 -0.87 2.00	23.27 -0.75 0.06	25.67 -0.44 0.00	29.29 -0.57 0.00	33.21 -0.43 0.00	28.61 -0.32 0.00	32.33 -0.65 0.00	28.65 -1.12 1.42	34.34 -1.23 0.00	39.17 -1.41 0.00	39.04 -1.23 1.54	37.36 -1.27 0.00	32.79 -1.03 0.00	28.13 -0.78 0.00	26.10 -0.34 0.00	25.84 -0.42 0.00	25.47 -0.31 0.00
SOUTHOLD_69_KV_BK 2 55809	32.94 2.97 0.00	29.79 2.48 0.00	28.56 2.24 0.00	26.16 2.02 0.00	23.48 1.80 0.00	27.73 1.93 0.00	29.60 2.34 0.00	26.28 2.34 0.00	26.58 2.51 0.00	29.07 2.96 0.00	35.44 3.67 -1.91	38.05 4.12 -0.29	36.37 4.02 -3.41	37.37 4.15 -0.23	35.45 3.89 -0.39	39.35 3.79 0.00	44.80 4.22 0.00	46.11 4.30 0.00	42.58 3.95 0.00	37.44 3.62 0.00	31.72 2.81 0.00	29.01 2.57 0.00	29.28 2.72 -0.29	28.10 2.32 0.00
SOUTHOLD___IC 23719	32.94 2.97 0.00	29.79 2.48 0.00	28.56 2.24 0.00	26.16 2.03 0.00	23.48 1.80 0.00	27.73 1.93 0.00	29.60 2.34 0.00	26.29 2.35 0.00	26.58 2.51 0.00	29.07 2.96 0.00	35.43 3.66 -1.91	38.05 4.12 -0.29	36.37 4.02 -3.41	37.38 4.17 -0.23	35.46 3.89 -0.39	39.35 3.79 0.00	44.79 4.21 0.00	46.10 4.29 0.00	42.58 3.95 0.00	37.44 3.62 0.00	31.72 2.81 0.00	29.01 2.57 0.00	29.28 2.72 -0.29	28.10 2.32 0.00
SOUTH_FORK_WT_PWR 323839	33.03 3.07 0.00	29.89 2.57 0.00	28.66 2.34 0.00	26.27 2.14 0.00	23.58 1.89 0.00	27.85 2.05 0.00	29.72 2.46 0.00	26.40 2.45 0.00	26.68 2.61 0.00	29.20 3.09 0.00	35.57 3.81 -1.91	38.25 4.31 -0.29	36.51 4.16 -3.41	37.49 4.28 -0.23	35.49 3.92 -0.39	39.33 3.76 0.00	44.81 4.23 0.00	46.14 4.33 0.00	42.58 3.95 0.00	37.47 3.65 0.00	31.75 2.84 0.00	29.00 2.56 0.00	29.29 2.73 -0.29	28.02 2.24 0.00
SPIERFLS_115KV_TB 1 80737	32.07 2.10 0.00	29.14 1.83 0.00	27.97 1.65 0.00	25.66 1.53 0.00	23.17 1.49 0.00	27.48 1.68 0.00	29.01 1.76 0.00	25.68 1.74 0.00	26.00 1.93 0.00	28.15 2.04 0.00	31.99 2.14 0.00	36.05 2.41 0.00	30.97 2.04 0.00	34.99 2.00 0.00	33.09 1.91 0.00	37.66 2.10 0.00	43.11 2.53 0.00	44.56 2.75 0.00	41.41 2.79 0.00	36.31 2.49 0.00	31.18 2.27 0.00	28.47 2.02 0.00	28.10 1.83 0.00	27.47 1.70 0.00
ST LAWRENCE____ 23600	29.76 -0.21 0.00	27.20 -0.12 0.00	26.23 -0.09 0.00	23.98 -0.15 0.00	21.46 -0.22 0.00	25.70 -0.10 0.00	27.15 -0.11 0.00	23.65 -0.30 0.00	23.79 -0.28 0.00	25.94 -0.17 0.00	29.59 -0.27 0.00	33.26 -0.38 0.00	28.49 -0.45 0.00	32.56 -0.43 0.00	30.77 -0.40 0.00	35.22 -0.35 0.00	40.23 -0.35 0.00	41.47 -0.34 0.00	38.29 -0.33 0.00	33.48 -0.34 0.00	28.67 -0.24 0.00	26.20 -0.25 0.00	26.01 -0.26 0.00	25.56 -0.22 0.00
STATE_CA_115KV_115_LB 55624	30.40 0.44 0.00	27.70 0.39 0.00	26.65 0.33 0.00	24.49 0.36 0.00	22.07 0.39 0.00	26.12 0.32 0.00	27.58 0.32 0.00	24.45 0.50 0.00	24.57 0.50 0.00	26.56 0.45 0.00	30.40 0.55 0.00	34.29 0.64 0.00	29.55 0.61 0.00	33.61 0.63 0.00	31.85 0.67 0.00	36.20 0.64 0.00	41.26 0.68 0.00	42.52 0.71 0.00	39.25 0.62 0.00	34.41 0.58 0.00	29.43 0.52 0.00	26.92 0.47 0.00	26.77 0.50 0.00	26.21 0.44 0.00



STATE_ST_34_KV_LOAD 55959	29.97 0.00 0.00	27.32 0.01 0.00	26.35 0.00 -0.02	25.27 -0.05 -1.19	21.72 0.02 -0.02	26.16 0.00 -0.35	27.20 -0.06 0.00	24.43 0.10 -0.38	24.15 0.06 -0.01	26.18 0.07 0.00	29.95 0.09 0.00	33.78 0.13 0.00	29.11 0.17 0.00	33.02 0.04 0.00	31.46 0.02 -0.26	35.63 0.07 0.00	40.64 0.06 0.00	42.45 0.36 -0.28	38.83 0.20 0.00	34.12 0.30 0.00	29.23 0.32 0.00	26.70 0.25 0.00	26.37 0.11 0.00	25.94 0.17 0.00
STATION_5_MISC_HYD 23604	29.04 -0.92 0.00	26.52 -0.79 0.00	25.53 -0.75 0.04	20.52 -0.72 2.89	20.93 -0.72 0.04	24.25 -0.70 0.85	26.44 -0.81 0.00	22.20 -0.82 0.92	23.28 -0.77 0.03	25.50 -0.61 0.00	29.17 -0.69 0.00	32.97 -0.68 0.00	28.37 -0.56 0.00	32.12 -0.87 0.00	29.62 -0.93 0.63	34.42 -1.15 0.00	39.30 -1.28 0.00	40.07 -1.05 0.69	37.69 -0.93 0.00	32.99 -0.83 0.00	28.30 -0.61 0.00	26.02 -0.43 0.00	25.66 -0.60 0.00	25.27 -0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	29.41 -0.55 0.00	26.81 -0.51 0.00	25.80 -0.48 0.04	20.85 -0.46 2.83	21.18 -0.46 0.04	24.52 -0.46 0.83	26.77 -0.49 0.00	22.61 -0.46 0.88	23.61 -0.43 0.03	25.81 -0.30 0.00	29.53 -0.32 0.00	33.38 -0.27 0.00	28.76 -0.17 0.00	32.66 -0.33 0.00	30.14 -0.42 0.62	35.02 -0.55 0.00	40.00 -0.58 0.00	40.78 -0.35 0.67	38.37 -0.26 0.00	33.56 -0.26 0.00	28.75 -0.16 0.00	26.37 -0.08 0.00	26.02 -0.24 0.00	25.56 -0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.96 -1.00 0.00	26.45 -0.87 0.00	25.45 -0.83 0.04	20.53 -0.78 2.83	20.86 -0.78 0.04	24.19 -0.79 0.83	26.37 -0.89 0.00	22.17 -0.88 0.90	23.21 -0.83 0.03	25.42 -0.68 0.00	29.08 -0.78 0.00	32.88 -0.76 0.00	28.31 -0.62 0.00	32.08 -0.91 0.00	29.59 -0.97 0.62	34.37 -1.20 0.00	39.26 -1.32 0.00	40.02 -1.12 0.67	37.63 -0.99 0.00	32.92 -0.91 0.00	28.22 -0.69 0.00	25.94 -0.50 0.00	25.59 -0.68 0.00	25.18 -0.60 0.00
STA_56___34_KV_BUS2 355983	28.96 -1.00 0.00	26.45 -0.87 0.00	25.45 -0.83 0.04	20.53 -0.78 2.83	20.86 -0.78 0.04	24.19 -0.79 0.83	26.37 -0.89 0.00	22.17 -0.88 0.90	23.21 -0.83 0.03	25.42 -0.68 0.00	29.08 -0.78 0.00	32.88 -0.76 0.00	28.31 -0.62 0.00	32.08 -0.91 0.00	29.59 -0.97 0.62	34.37 -1.20 0.00	39.26 -1.32 0.00	40.02 -1.12 0.67	37.63 -0.99 0.00	32.92 -0.91 0.00	28.22 -0.69 0.00	25.94 -0.50 0.00	25.59 -0.68 0.00	25.18 -0.60 0.00
STA_67___115KV_BK2 355882	28.98 -0.99 0.00	26.46 -0.86 0.00	25.47 -0.81 0.04	20.48 -0.76 2.89	20.88 -0.76 0.04	24.20 -0.76 0.85	26.38 -0.87 0.00	22.16 -0.87 0.92	23.22 -0.82 0.03	25.44 -0.67 0.00	29.08 -0.78 0.00	32.88 -0.76 0.00	28.29 -0.64 0.00	32.04 -0.95 0.00	29.52 -1.03 0.63	34.31 -1.26 0.00	39.18 -1.41 0.00	39.93 -1.20 0.68	37.57 -1.06 0.00	32.88 -0.94 0.00	28.21 -0.70 0.00	25.94 -0.51 0.00	25.59 -0.67 0.00	25.20 -0.58 0.00
STA_7___115KV_9TRANS 80674	29.22 -0.74 0.00	26.67 -0.64 0.00	25.66 -0.61 0.04	20.65 -0.59 2.89	21.02 -0.62 0.04	24.37 -0.58 0.85	26.57 -0.69 0.00	22.32 -0.70 0.92	23.40 -0.64 0.03	25.65 -0.46 0.00	29.33 -0.52 0.00	33.18 -0.46 0.00	28.56 -0.37 0.00	32.38 -0.61 0.00	29.86 -0.69 0.63	34.69 -0.88 0.00	39.62 -0.97 0.00	40.39 -0.73 0.69	37.99 -0.63 0.00	33.25 -0.57 0.00	28.51 -0.39 0.00	26.22 -0.23 0.00	25.83 -0.43 0.00	25.43 -0.35 0.00
STA_82___115KV_TB1 80780	28.99 -0.98 0.00	26.47 -0.84 0.00	25.48 -0.80 0.04	20.47 -0.74 2.92	20.88 -0.76 0.04	24.21 -0.74 0.85	26.40 -0.86 0.00	22.15 -0.86 0.93	23.23 -0.81 0.03	25.44 -0.67 0.00	29.08 -0.77 0.00	32.89 -0.76 0.00	28.30 -0.63 0.00	32.06 -0.93 0.00	29.53 -1.02 0.64	34.32 -1.24 0.00	39.19 -1.39 0.00	39.95 -1.17 0.69	37.58 -1.04 0.00	32.90 -0.92 0.00	28.22 -0.69 0.00	25.96 -0.49 0.00	25.60 -0.67 0.00	25.21 -0.57 0.00
STEEL___WIND 323596	28.04 -1.92 0.00	25.68 -1.64 0.00	24.68 -1.56 0.08	17.30 -1.46 5.38	20.19 -1.42 0.07	22.81 -1.42 1.58	25.68 -1.58 0.00	20.76 -1.53 1.66	22.61 -1.41 0.05	24.90 -1.21 0.00	28.41 -1.44 0.00	32.25 -1.40 0.00	27.72 -1.22 0.00	31.19 -1.80 0.00	27.97 -2.05 1.17	33.18 -2.39 0.00	37.90 -2.68 0.00	38.07 -2.47 1.27	36.33 -2.29 0.00	31.80 -2.03 0.00	27.37 -1.54 0.00	25.34 -1.10 0.00	25.00 -1.26 0.00	24.73 -1.05 0.00
STEPHTWN_115KV_BK_2 55603	30.55 0.59 0.00	27.77 0.45 0.00	26.67 0.34 0.00	24.51 0.38 0.00	22.12 0.44 0.00	26.20 0.40 0.00	27.65 0.40 0.00	24.53 0.58 0.00	24.71 0.64 0.00	26.69 0.58 0.00	30.52 0.66 0.00	34.44 0.79 0.00	29.71 0.78 0.00	33.89 0.90 0.00	32.02 0.84 0.00	36.46 0.90 0.00	41.63 1.05 0.00	42.71 0.90 0.00	39.45 0.82 0.00	34.67 0.85 0.00	29.65 0.74 0.00	27.09 0.65 0.00	26.97 0.70 0.00	26.35 0.58 0.00
STEUBEN_REC_LFGE 323667	28.20 -1.76 0.01	26.15 -1.16 0.00	24.64 -1.43 0.26	5.75 -1.38 17.00	20.20 -1.25 0.23	19.29 -1.53 4.99	26.02 -1.23 0.00	18.05 -0.72 5.18	23.21 -0.71 0.16	25.67 -0.44 0.00	29.26 -0.59 0.00	33.16 -0.48 0.00	28.67 -0.27 0.00	32.57 -0.41 0.00	26.59 -0.88 3.71	34.65 -0.91 0.00	39.64 -0.94 0.00	36.82 -0.96 4.03	38.17 -0.45 0.00	33.76 -0.06 0.00	28.84 -0.07 0.00	26.58 0.14 0.00	26.13 -0.13 0.00	25.70 -0.07 0.00
STILLWATER___SOLAR 323814	31.61 1.64 0.00	28.74 1.43 0.00	27.61 1.29 0.00	25.36 1.22 0.00	22.88 1.20 0.00	27.13 1.32 0.00	28.65 1.39 0.00	25.33 1.38 0.00	25.57 1.50 0.00	27.64 1.53 0.00	31.55 1.70 0.00	35.57 1.92 0.00	30.57 1.64 0.00	34.70 1.71 0.00	32.84 1.66 0.00	37.38 1.81 0.00	42.69 2.10 0.00	44.08 2.27 0.00	40.78 2.15 0.00	35.76 1.94 0.00	30.66 1.75 0.00	28.02 1.57 0.00	27.78 1.51 0.00	27.19 1.42 0.00
STONY___BROOK 24151	31.95 1.98 0.00	28.94 1.63 0.00	27.73 1.41 0.00	25.40 1.26 0.00	22.80 1.11 0.00	26.89 1.09 0.00	28.63 1.38 0.00	25.46 1.51 0.00	25.68 1.60 0.00	27.94 1.83 0.00	34.14 2.38 -1.91	36.49 2.56 -0.29	35.05 2.70 -3.41	36.01 2.79 -0.23	34.35 2.79 -0.39	38.09 2.53 0.00	43.27 2.69 0.00	44.54 2.73 0.00	41.14 2.51 0.00	36.11 2.29 0.00	30.65 1.74 0.00	28.21 1.76 0.00	28.51 1.96 -0.29	27.64 1.87 0.00
STURGEON_POOL_HYD 23609	31.11 1.15 0.00	28.26 0.95 0.00	27.11 0.79 0.00	24.86 0.73 0.00	22.36 0.68 0.00	26.44 0.63 0.00	28.00 0.74 0.00	24.83 0.88 0.00	25.08 1.01 0.00	27.21 1.10 0.00	31.24 1.39 0.00	35.29 1.64 0.00	30.61 1.68 0.00	34.78 1.80 0.00	33.01 1.83 0.00	37.51 1.94 0.00	42.69 2.11 0.00	43.98 2.17 0.00	40.63 2.00 0.00	35.58 1.76 0.00	30.24 1.33 0.00	27.69 1.24 0.00	27.52 1.26 0.00	26.95 1.17 0.00
ST_LAW_115_BK7_LBMP 345037	29.76 -0.21 0.00	27.20 -0.12 0.00	26.22 -0.10 0.00	23.97 -0.16 0.00	21.45 -0.24 0.00	25.69 -0.11 0.00	27.14 -0.11 0.00	23.63 -0.32 0.00	23.77 -0.30 0.00	25.92 -0.19 0.00	29.57 -0.28 0.00	33.23 -0.41 0.00	28.46 -0.48 0.00	32.53 -0.46 0.00	30.74 -0.44 0.00	35.19 -0.38 0.00	40.21 -0.37 0.00	41.46 -0.35 0.00	38.29 -0.34 0.00	33.47 -0.35 0.00	28.65 -0.25 0.00	26.19 -0.26 0.00	26.00 -0.27 0.00	25.54 -0.23 0.00



ST_LAW_115_BK8_LBMP 345038	29.76 -0.21 0.00	27.20 -0.12 0.00	26.22 -0.10 0.00	23.97 -0.16 0.00	21.45 -0.24 0.00	25.69 -0.11 0.00	27.14 -0.11 0.00	23.63 -0.32 0.00	23.77 -0.30 0.00	25.92 -0.19 0.00	29.57 -0.28 0.00	33.23 -0.41 0.00	28.46 -0.48 0.00	32.53 -0.46 0.00	30.74 -0.44 0.00	35.19 -0.38 0.00	40.21 -0.37 0.00	41.46 -0.35 0.00	38.29 -0.34 0.00	33.47 -0.35 0.00	28.65 -0.25 0.00	26.19 -0.26 0.00	26.00 -0.27 0.00	25.54 -0.23 0.00
ST_LAW_230_BK5_LBMP 345035	29.76 -0.21 0.00	27.20 -0.12 0.00	26.23 -0.09 0.00	23.98 -0.15 0.00	21.46 -0.22 0.00	25.70 -0.10 0.00	27.15 -0.11 0.00	23.65 -0.30 0.00	23.79 -0.28 0.00	25.94 -0.17 0.00	29.59 -0.27 0.00	33.26 -0.38 0.00	28.49 -0.45 0.00	32.56 -0.43 0.00	30.77 -0.40 0.00	35.22 -0.35 0.00	40.23 -0.35 0.00	41.47 -0.34 0.00	38.29 -0.33 0.00	33.48 -0.34 0.00	28.67 -0.24 0.00	26.20 -0.25 0.00	26.01 -0.26 0.00	25.56 -0.22 0.00
ST_LAW_230_BK6_LBMP 345036	29.76 -0.21 0.00	27.20 -0.12 0.00	26.23 -0.09 0.00	23.98 -0.15 0.00	21.46 -0.22 0.00	25.70 -0.10 0.00	27.15 -0.11 0.00	23.65 -0.30 0.00	23.79 -0.28 0.00	25.94 -0.17 0.00	29.59 -0.27 0.00	33.26 -0.38 0.00	28.49 -0.45 0.00	32.56 -0.43 0.00	30.77 -0.40 0.00	35.22 -0.35 0.00	40.23 -0.35 0.00	41.47 -0.34 0.00	38.29 -0.33 0.00	33.48 -0.34 0.00	28.67 -0.24 0.00	26.20 -0.25 0.00	26.01 -0.26 0.00	25.56 -0.22 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.11 1.14 0.00	28.26 0.94 0.00	27.11 0.78 0.00	24.86 0.73 0.00	22.37 0.69 0.00	26.47 0.67 0.00	28.01 0.75 0.00	24.84 0.89 0.00	25.07 1.00 0.00	27.18 1.07 0.00	31.18 1.33 0.00	35.23 1.58 0.00	30.51 1.57 0.00	34.69 1.70 0.00	32.91 1.73 0.00	37.42 1.86 0.00	42.66 2.08 0.00	43.93 2.12 0.00	40.58 1.96 0.00	35.53 1.71 0.00	30.24 1.33 0.00	27.68 1.24 0.00	27.50 1.24 0.00	26.94 1.16 0.00
SWANROAD_115KV_TB1 355699	27.43 -2.54 0.00	25.13 -2.19 0.00	24.19 -2.06 0.07	17.74 -1.80 4.60	19.78 -1.84 0.06	22.57 -1.89 1.35	25.14 -2.12 0.00	20.44 -2.08 1.43	22.06 -1.97 0.04	24.30 -1.81 0.00	27.69 -2.17 0.00	31.42 -2.22 0.00	26.97 -1.97 0.00	30.27 -2.71 0.00	27.27 -2.94 0.97	32.06 -3.51 0.00	36.64 -3.95 0.00	37.06 -3.69 1.06	35.28 -3.35 0.00	30.86 -2.96 0.00	26.60 -2.31 0.00	24.66 -1.79 0.00	24.27 -2.00 0.00	24.05 -1.73 0.00
SYNERGY___BIOGAS 323694	28.99 -0.97 0.00	26.50 -0.81 0.00	25.49 -0.77 0.06	19.53 -0.71 3.89	20.85 -0.78 0.05	23.99 -0.67 1.14	26.45 -0.81 0.00	21.85 -0.87 1.22	23.25 -0.78 0.04	25.54 -0.57 0.00	29.22 -0.63 0.00	32.97 -0.68 0.00	28.36 -0.57 0.00	31.97 -1.01 0.00	29.13 -1.21 0.84	34.14 -1.43 0.00	39.06 -1.52 0.00	39.81 -1.09 0.91	37.76 -0.86 0.00	33.10 -0.73 0.00	28.46 -0.45 0.00	26.24 -0.21 0.00	25.79 -0.48 0.00	25.42 -0.36 0.00
SYRACUSE___ENERGY_ST1 323597	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.75 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00
SYRACUSE___ENERGY_ST2 323598	29.82 -0.14 0.00	27.17 -0.14 0.00	26.22 -0.11 0.00	24.03 -0.10 0.00	21.60 -0.08 0.00	25.70 -0.10 0.00	27.14 -0.11 0.00	23.91 -0.04 0.00	24.00 -0.08 0.00	26.01 -0.10 0.00	29.75 -0.10 0.00	33.60 -0.04 0.00	28.93 0.00 0.00	32.93 -0.05 0.00	31.13 -0.05 0.00	35.52 -0.05 0.00	40.58 0.00 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.90 0.08 0.00	28.98 0.07 0.00	26.49 0.05 0.00	26.25 -0.02 0.00	25.75 -0.02 0.00
SYRACUSE___POWER 24017	29.83 -0.14 0.00	27.16 -0.15 0.00	26.22 -0.12 -0.01	24.92 -0.10 -0.89	21.60 -0.09 -0.01	25.95 -0.12 -0.26	27.14 -0.12 0.00	24.18 -0.05 -0.28	24.00 -0.08 -0.01	26.00 -0.11 0.00	29.76 -0.10 0.00	33.62 -0.03 0.00	28.94 0.01 0.00	32.95 -0.04 0.00	31.34 -0.03 -0.19	35.52 -0.05 0.00	40.58 0.00 0.00	42.11 0.10 -0.21	38.74 0.12 0.00	33.92 0.10 0.00	28.99 0.08 0.00	26.51 0.06 0.00	26.26 -0.01 0.00	25.76 -0.01 0.00
TALLMAN___138KV_BK151 55660	31.28 1.31 0.00	28.40 1.08 0.00	27.22 0.90 0.00	24.97 0.84 0.00	22.46 0.78 0.00	26.56 0.75 0.00	28.12 0.86 0.00	24.96 1.01 0.00	25.20 1.13 0.00	27.32 1.21 0.00	31.38 1.52 0.00	35.46 1.81 0.00	30.74 1.80 0.00	34.96 1.98 0.00	33.19 2.01 0.00	37.70 2.13 0.00	42.96 2.38 0.00	44.22 2.41 0.00	40.84 2.22 0.00	35.76 1.94 0.00	30.41 1.50 0.00	27.86 1.41 0.00	27.67 1.41 0.00	27.10 1.33 0.00
TEALLAVE_115KV_TB7 355573	29.68 -0.28 0.00	27.04 -0.27 0.00	26.09 -0.24 0.00	23.93 -0.20 0.00	21.50 -0.18 0.00	25.58 -0.22 0.00	27.02 -0.23 0.00	23.78 -0.16 0.00	23.87 -0.20 0.00	25.87 -0.24 0.00	29.60 -0.25 0.00	33.44 -0.20 0.00	28.80 -0.14 0.00	32.78 -0.21 0.00	30.99 -0.19 0.00	35.32 -0.25 0.00	40.35 -0.23 0.00	41.67 -0.14 0.00	38.50 -0.12 0.00	33.71 -0.11 0.00	28.81 -0.10 0.00	26.35 -0.10 0.00	26.10 -0.16 0.00	25.62 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	28.27 -1.70 0.00	25.86 -1.45 0.00	24.88 -1.38 0.06	18.73 -1.22 4.19	20.35 -1.28 0.06	23.33 -1.25 1.23	25.83 -1.42 0.00	21.20 -1.44 1.31	22.71 -1.32 0.04	25.00 -1.11 0.00	28.53 -1.32 0.00	32.34 -1.30 0.00	27.78 -1.16 0.00	31.29 -1.70 0.00	28.35 -1.93 0.90	33.25 -2.32 0.00	38.03 -2.55 0.00	38.58 -2.25 0.98	36.61 -2.01 0.00	32.03 -1.79 0.00	27.58 -1.33 0.00	25.49 -0.95 0.00	25.07 -1.20 0.00	24.79 -0.99 0.00
TEMPLE___115KV_TB 2 55572	29.69 -0.27 0.00	27.05 -0.26 0.00	26.11 -0.22 0.00	23.95 -0.18 0.00	21.51 -0.17 0.00	25.59 -0.21 0.00	27.03 -0.22 0.00	23.80 -0.15 0.00	23.89 -0.18 0.00	25.89 -0.22 0.00	29.62 -0.23 0.00	33.47 -0.18 0.00	28.81 -0.12 0.00	32.80 -0.19 0.00	31.01 -0.18 0.00	35.35 -0.22 0.00	40.39 -0.19 0.00	41.70 -0.11 0.00	38.53 -0.09 0.00	33.73 -0.09 0.00	28.82 -0.09 0.00	26.37 -0.08 0.00	26.13 -0.14 0.00	25.63 -0.15 0.00
TIANA____69_KV_BK 1 55817	32.12 2.16 0.00	29.08 1.76 0.00	27.87 1.55 0.00	25.51 1.38 0.00	22.90 1.22 0.00	27.05 1.25 0.00	28.88 1.63 0.00	25.63 1.68 0.00	25.87 1.80 0.00	28.20 2.09 0.00	34.45 2.68 -1.91	36.87 2.94 -0.29	35.36 3.02 -3.41	36.31 3.10 -0.23	34.60 3.03 -0.39	38.41 2.85 0.00	43.66 3.08 0.00	44.94 3.13 0.00	41.49 2.87 0.00	36.45 2.63 0.00	30.91 2.00 0.00	28.36 1.92 0.00	28.64 2.08 -0.29	27.69 1.91 0.00
TILDEN___115KV_TB1 80814	29.83 -0.14 0.00	27.16 -0.15 0.00	26.22 -0.12 -0.01	24.92 -0.10 -0.89	21.60 -0.09 -0.01	25.95 -0.12 -0.26	27.14 -0.12 0.00	24.18 -0.05 -0.28	24.00 -0.08 -0.01	26.00 -0.11 0.00	29.76 -0.10 0.00	33.62 -0.03 0.00	28.94 0.01 0.00	32.95 -0.04 0.00	31.34 -0.03 -0.19	35.52 -0.05 0.00	40.58 0.00 0.00	42.11 0.10 -0.21	38.74 0.12 0.00	33.92 0.10 0.00	28.99 0.08 0.00	26.51 0.06 0.00	26.26 -0.01 0.00	25.76 -0.01 0.00



TRIGEN___CC 323695	31.78 1.81 0.00	28.82 1.51 0.00	27.62 1.29 0.00	25.30 1.17 0.00	22.74 1.06 0.00	26.85 1.05 0.00	28.50 1.24 0.00	25.31 1.37 0.00	25.55 1.48 0.00	27.73 1.62 0.00	33.87 2.10 -1.91	36.22 2.28 -0.29	34.70 2.36 -3.41	35.69 2.47 -0.23	34.04 2.48 -0.39	37.98 2.42 0.00	43.21 2.63 0.00	44.48 2.67 0.00	41.06 2.44 0.00	36.01 2.19 0.00	30.61 1.70 0.00	28.14 1.70 0.00	28.38 1.83 -0.29	27.52 1.75 0.00
TRINITY___115KV___4 BK 55933	30.27 0.31 0.00	27.59 0.27 0.00	26.54 0.22 0.00	24.39 0.26 0.00	21.99 0.31 0.00	26.01 0.21 0.00	27.47 0.22 0.00	24.35 0.40 0.00	24.47 0.40 0.00	26.44 0.33 0.00	30.27 0.41 0.00	34.13 0.49 0.00	29.41 0.47 0.00	33.46 0.47 0.00	31.69 0.51 0.00	36.02 0.45 0.00	41.05 0.47 0.00	42.30 0.49 0.00	39.04 0.42 0.00	34.23 0.41 0.00	29.29 0.38 0.00	26.79 0.34 0.00	26.64 0.38 0.00	26.10 0.32 0.00
UNION___PROCESSING_DRP 323587	28.99 -0.97 0.00	26.48 -0.84 0.00	25.49 -0.79 0.04	20.47 -0.74 2.92	20.89 -0.75 0.04	24.21 -0.74 0.85	26.40 -0.85 0.00	22.16 -0.86 0.93	23.23 -0.81 0.03	25.45 -0.66 0.00	29.09 -0.76 0.00	32.90 -0.75 0.00	28.30 -0.63 0.00	32.06 -0.92 0.00	29.54 -1.01 0.63	34.33 -1.23 0.00	39.21 -1.37 0.00	39.96 -1.16 0.69	37.60 -1.02 0.00	32.90 -0.92 0.00	28.23 -0.68 0.00	25.96 -0.48 0.00	25.61 -0.66 0.00	25.22 -0.56 0.00
UPPER HUDSON___HYD 24058	32.07 2.10 0.00	29.15 1.83 0.00	27.97 1.65 0.00	25.66 1.53 0.00	23.17 1.49 0.00	27.48 1.67 0.00	29.02 1.76 0.00	25.68 1.73 0.00	26.00 1.93 0.00	28.15 2.04 0.00	31.98 2.13 0.00	36.05 2.41 0.00	30.97 2.04 0.00	34.99 2.00 0.00	33.09 1.91 0.00	37.66 2.10 0.00	43.11 2.53 0.00	44.56 2.75 0.00	41.41 2.79 0.00	36.31 2.49 0.00	31.18 2.27 0.00	28.47 2.03 0.00	28.09 1.83 0.00	27.47 1.70 0.00
UPPER RAQUET___HYD 24056	29.60 -0.37 0.00	27.03 -0.28 0.00	26.06 -0.27 0.00	23.78 -0.36 0.00	21.25 -0.43 0.00	25.51 -0.30 0.00	26.95 -0.30 0.00	23.47 -0.48 0.00	23.66 -0.41 0.00	25.81 -0.29 0.00	29.37 -0.48 0.00	32.98 -0.66 0.00	28.17 -0.77 0.00	32.22 -0.77 0.00	30.47 -0.71 0.00	34.93 -0.64 0.00	40.12 -0.46 0.00	41.63 -0.18 0.00	38.37 -0.25 0.00	33.52 -0.30 0.00	28.72 -0.19 0.00	26.19 -0.25 0.00	25.99 -0.28 0.00	25.51 -0.27 0.00
VALLEY44_115KV_TB2 355964	28.50 -1.46 0.00	26.04 -1.27 0.00	24.93 -1.30 0.10	16.26 -1.14 6.74	20.47 -1.12 0.09	22.72 -1.11 1.98	25.97 -1.29 0.00	20.71 -1.17 2.07	22.92 -1.09 0.06	25.16 -0.95 0.00	28.66 -1.20 0.00	32.47 -1.17 0.00	27.90 -1.03 0.00	31.50 -1.49 0.00	28.00 -1.71 1.47	33.63 -1.93 0.00	38.36 -2.22 0.00	38.06 -2.16 1.59	36.65 -1.97 0.00	32.20 -1.62 0.00	27.67 -1.24 0.00	25.59 -0.86 0.00	25.31 -0.95 0.00	24.98 -0.79 0.00
VALLEY___115KV_TB 1-4 80826	30.03 0.06 0.00	27.28 -0.03 0.00	26.25 -0.07 0.00	24.12 -0.01 0.00	21.73 0.04 0.00	25.71 -0.09 0.00	27.13 -0.12 0.00	24.03 0.08 0.00	24.22 0.15 0.00	26.17 0.06 0.00	29.87 0.02 0.00	33.69 0.04 0.00	29.02 0.09 0.00	32.96 -0.02 0.00	31.19 0.01 0.00	35.58 0.01 0.00	40.79 0.20 0.00	41.92 0.11 0.00	38.72 0.10 0.00	33.98 0.16 0.00	29.01 0.10 0.00	26.52 0.07 0.00	26.39 0.12 0.00	25.85 0.07 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	30.98 1.01 0.00	28.16 0.84 0.00	27.18 0.86 0.00	24.88 0.75 0.00	22.36 0.68 0.00	26.57 0.77 0.00	28.09 0.83 0.00	24.80 0.85 0.00	24.97 0.90 0.00	27.11 1.00 0.00	31.05 1.19 0.00	35.07 1.42 0.00	30.24 1.30 0.00	34.39 1.40 0.00	32.55 1.37 0.00	37.10 1.53 0.00	42.36 1.78 0.00	43.65 1.84 0.00	40.34 1.71 0.00	35.32 1.50 0.00	30.15 1.24 0.00	27.54 1.10 0.00	27.31 1.04 0.00	26.75 0.98 0.00
VISCHER___FERRY HYD 24020	30.89 0.93 0.00	28.12 0.81 0.00	27.04 0.72 0.00	24.86 0.73 0.00	22.42 0.74 0.00	26.54 0.74 0.00	28.02 0.76 0.00	24.79 0.84 0.00	24.97 0.90 0.00	26.98 0.87 0.00	30.85 1.00 0.00	34.78 1.13 0.00	29.93 0.99 0.00	34.01 1.02 0.00	32.19 1.02 0.00	36.58 1.01 0.00	41.67 1.09 0.00	43.00 1.19 0.00	39.70 1.08 0.00	34.82 1.00 0.00	29.85 0.93 0.00	27.30 0.85 0.00	27.14 0.88 0.00	26.60 0.82 0.00
V_A_10_SYNC_DSASP 323832	28.05 -1.92 0.00	25.68 -1.63 0.00	24.72 -1.55 0.06	18.97 -1.44 3.72	20.24 -1.39 0.05	23.27 -1.44 1.09	25.64 -1.61 0.00	21.21 -1.58 1.16	22.53 -1.50 0.04	24.75 -1.36 0.00	28.25 -1.61 0.00	32.00 -1.64 0.00	27.47 -1.47 0.00	30.92 -2.06 0.00	28.15 -2.22 0.81	32.94 -2.63 0.00	37.60 -2.98 0.00	38.12 -2.81 0.88	36.09 -2.54 0.00	31.58 -2.23 0.00	27.17 -1.74 0.00	25.11 -1.34 0.00	24.75 -1.51 0.00	24.48 -1.29 0.00
V_CMM_10_SYNC_DSASP 323787	29.89 -0.08 0.00	27.31 -0.01 0.00	26.33 0.01 0.00	24.07 -0.06 0.00	21.54 -0.15 0.00	25.81 0.00 0.00	27.26 0.00 0.00	23.73 -0.21 0.00	23.88 -0.19 0.00	26.04 -0.07 0.00	29.70 -0.15 0.00	33.39 -0.25 0.00	28.59 -0.34 0.00	32.68 -0.31 0.00	30.89 -0.29 0.00	35.36 -0.21 0.00	40.40 -0.18 0.00	41.66 -0.15 0.00	38.47 -0.15 0.00	33.63 -0.19 0.00	28.80 -0.11 0.00	26.30 -0.14 0.00	26.11 -0.15 0.00	25.66 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	30.78 0.81 0.00	28.23 0.92 0.00	27.22 0.90 0.00	24.87 0.73 0.00	22.22 0.54 0.00	26.53 0.73 0.00	28.06 0.80 0.00	24.67 0.72 0.00	24.94 0.87 0.00	27.00 0.89 0.00	30.83 0.98 0.00	34.65 1.01 0.00	29.66 0.72 0.00	33.74 0.75 0.00	32.06 0.88 0.00	36.48 0.91 0.00	41.92 1.34 0.00	43.33 1.52 0.00	40.08 1.45 0.00	35.12 1.30 0.00	30.03 1.12 0.00	27.29 0.84 0.00	27.10 0.84 0.00	26.59 0.82 0.00
V_D_10_SYNC_DSASP 323841	30.03 0.06 0.00	27.44 0.13 0.00	26.46 0.14 0.00	24.18 0.05 0.00	21.63 -0.05 0.00	25.93 0.12 0.00	27.39 0.13 0.00	23.84 -0.10 0.00	23.99 -0.08 0.00	26.17 0.06 0.00	29.83 -0.03 0.00	33.53 -0.12 0.00	28.69 -0.24 0.00	32.79 -0.20 0.00	30.99 -0.19 0.00	35.48 -0.09 0.00	40.59 0.01 0.00	41.92 0.11 0.00	38.71 0.09 0.00	33.84 0.02 0.00	28.97 0.06 0.00	26.47 0.02 0.00	26.26 0.00 0.00	25.81 0.03 0.00
V_E_10_SYNC_DSASP 323830	31.18 1.21 0.00	28.20 0.88 0.00	27.45 1.03 -0.10	31.42 0.83 -6.46	22.56 0.80 -0.09	28.75 1.05 -1.89	28.32 1.06 0.00	27.15 1.24 -1.96	25.43 1.30 -0.06	27.56 1.46 0.00	31.56 1.71 0.00	35.72 2.07 0.00	30.77 1.84 0.00	34.87 1.88 0.00	34.44 1.85 -1.41	37.72 2.15 0.00	43.26 2.68 0.00	46.36 3.02 -1.53	41.47 2.85 0.00	36.42 2.60 0.00	31.21 2.30 0.00	28.35 1.90 0.00	27.91 1.64 0.00	27.39 1.61 0.00
V_F_30_NSYNC___DSASP 323816	31.69 1.72 0.00	28.80 1.49 0.00	27.67 1.34 0.00	25.40 1.27 0.00	22.92 1.24 0.00	27.18 1.38 0.00	28.71 1.45 0.00	25.38 1.43 0.00	25.62 1.55 0.00	27.72 1.61 0.00	31.63 1.78 0.00	35.65 2.00 0.00	30.66 1.72 0.00	34.79 1.80 0.00	32.93 1.75 0.00	37.48 1.92 0.00	42.80 2.22 0.00	44.19 2.39 0.00	40.88 2.26 0.00	35.86 2.04 0.00	30.73 1.82 0.00	28.09 1.65 0.00	27.84 1.58 0.00	27.25 1.47 0.00



V_F_30_SYNC_DSASP 323786	30.40 0.44 0.00	27.70 0.39 0.00	26.65 0.33 0.00	24.49 0.36 0.00	22.07 0.39 0.00	26.11 0.31 0.00	27.58 0.32 0.00	24.45 0.50 0.00	24.57 0.50 0.00	26.56 0.45 0.00	30.40 0.54 0.00	34.29 0.64 0.00	29.54 0.61 0.00	33.61 0.62 0.00	31.84 0.66 0.00	36.20 0.64 0.00	41.25 0.67 0.00	42.52 0.71 0.00	39.25 0.62 0.00	34.40 0.58 0.00	29.43 0.52 0.00	26.92 0.47 0.00	26.76 0.50 0.00	26.20 0.43 0.00
V_XM_10_SYNC_DSASP 323789	30.78 0.81 0.00	28.23 0.92 0.00	27.22 0.90 0.00	24.87 0.73 0.00	22.22 0.54 0.00	26.53 0.73 0.00	28.06 0.80 0.00	24.67 0.72 0.00	24.94 0.87 0.00	27.00 0.89 0.00	30.83 0.98 0.00	34.65 1.01 0.00	29.66 0.72 0.00	33.74 0.75 0.00	32.06 0.88 0.00	36.48 0.91 0.00	41.92 1.34 0.00	43.33 1.52 0.00	40.08 1.45 0.00	35.12 1.30 0.00	30.03 1.12 0.00	27.29 0.84 0.00	27.10 0.84 0.00	26.59 0.82 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.39 1.42 0.00	28.50 1.18 0.00	27.32 1.00 0.00	25.05 0.92 0.00	22.55 0.87 0.00	26.65 0.85 0.00	28.22 0.96 0.00	25.05 1.10 0.00	25.30 1.22 0.00	27.43 1.32 0.00	31.50 1.65 0.00	35.60 1.96 0.00	30.86 1.92 0.00	35.10 2.11 0.00	33.31 2.13 0.00	37.85 2.29 0.00	43.13 2.55 0.00	44.40 2.59 0.00	41.01 2.39 0.00	35.92 2.10 0.00	30.53 1.62 0.00	27.96 1.52 0.00	27.79 1.52 0.00	27.20 1.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.57 1.60 0.00	28.66 1.35 0.00	27.45 1.13 0.00	25.18 1.05 0.00	22.67 0.99 0.00	26.78 0.98 0.00	28.36 1.10 0.00	25.20 1.25 0.00	25.45 1.38 0.00	27.60 1.49 0.00	31.72 1.87 0.00	35.81 2.17 0.00	31.06 2.12 0.00	35.32 2.34 0.00	33.54 2.36 0.00	38.07 2.51 0.00	43.25 2.67 0.00	44.48 2.67 0.00	41.14 2.51 0.00	36.07 2.25 0.00	30.61 1.70 0.00	28.07 1.62 0.00	27.90 1.63 0.00	27.33 1.55 0.00
W50THST__13_KV_LOAD 356117	31.74 1.78 0.00	28.81 1.49 0.00	27.59 1.26 0.00	25.31 1.18 0.00	22.78 1.10 0.00	26.92 1.11 0.00	28.51 1.25 0.00	25.34 1.39 0.00	25.59 1.52 0.00	27.77 1.66 0.00	31.92 2.07 0.00	36.04 2.39 0.00	31.27 2.33 0.00	35.56 2.57 0.00	33.76 2.58 0.00	38.33 2.76 0.00	43.53 2.95 0.00	44.75 2.94 0.00	41.37 2.75 0.00	36.28 2.46 0.00	30.77 1.87 0.00	28.23 1.78 0.00	28.06 1.79 0.00	27.48 1.70 0.00
WADING RIVER_IC_1 23522	31.63 1.66 0.00	28.64 1.32 0.00	27.46 1.13 0.00	25.14 1.01 0.00	22.57 0.88 0.00	26.67 0.87 0.00	28.52 1.26 0.00	25.27 1.32 0.00	25.45 1.38 0.00	27.70 1.60 0.00	33.85 2.08 -1.91	36.17 2.23 -0.29	34.76 2.41 -3.41	35.67 2.46 -0.23	34.02 2.45 -0.39	37.74 2.17 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.78 2.16 0.00	35.81 1.99 0.00	30.39 1.47 0.00	27.92 1.47 0.00	28.22 1.66 -0.29	27.32 1.55 0.00
WADING RIVER_IC_2 23547	31.63 1.66 0.00	28.64 1.32 0.00	27.46 1.13 0.00	25.14 1.01 0.00	22.57 0.88 0.00	26.67 0.87 0.00	28.52 1.26 0.00	25.27 1.32 0.00	25.45 1.38 0.00	27.70 1.60 0.00	33.85 2.08 -1.91	36.17 2.23 -0.29	34.76 2.41 -3.41	35.67 2.46 -0.23	34.02 2.45 -0.39	37.74 2.17 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.78 2.16 0.00	35.81 1.99 0.00	30.39 1.47 0.00	27.92 1.47 0.00	28.22 1.66 -0.29	27.32 1.55 0.00
WADING RIVER_IC_3 23601	31.63 1.66 0.00	28.64 1.32 0.00	27.46 1.13 0.00	25.14 1.01 0.00	22.57 0.88 0.00	26.67 0.87 0.00	28.52 1.26 0.00	25.27 1.32 0.00	25.45 1.38 0.00	27.70 1.60 0.00	33.85 2.08 -1.91	36.17 2.23 -0.29	34.76 2.41 -3.41	35.67 2.46 -0.23	34.02 2.45 -0.39	37.74 2.17 0.00	42.87 2.29 0.00	44.14 2.33 0.00	40.78 2.16 0.00	35.81 1.99 0.00	30.39 1.47 0.00	27.92 1.47 0.00	28.22 1.66 -0.29	27.32 1.55 0.00
WALDENNY_12_KV_BK2 80841	28.09 -1.87 0.00	25.71 -1.61 0.00	24.70 -1.54 0.08	17.45 -1.39 5.29	20.21 -1.40 0.07	22.87 -1.38 1.55	25.71 -1.55 0.00	20.80 -1.51 1.64	22.63 -1.39 0.05	24.94 -1.17 0.00	28.46 -1.40 0.00	32.34 -1.31 0.00	27.79 -1.14 0.00	31.31 -1.68 0.00	28.10 -1.94 1.15	33.28 -2.29 0.00	38.02 -2.56 0.00	38.21 -2.35 1.24	36.46 -2.16 0.00	31.88 -1.94 0.00	27.45 -1.46 0.00	25.39 -1.06 0.00	25.03 -1.24 0.00	24.75 -1.02 0.00
WALDEN__HYDRO 24148	31.24 1.27 0.00	28.38 1.06 0.00	27.22 0.90 0.00	24.97 0.84 0.00	22.46 0.78 0.00	26.58 0.77 0.00	28.13 0.87 0.00	24.95 1.01 0.00	25.18 1.11 0.00	27.31 1.20 0.00	31.33 1.48 0.00	35.39 1.74 0.00	30.65 1.71 0.00	34.81 1.82 0.00	33.05 1.87 0.00	37.57 2.00 0.00	42.85 2.27 0.00	44.15 2.34 0.00	40.79 2.16 0.00	35.72 1.90 0.00	30.39 1.48 0.00	27.82 1.38 0.00	27.63 1.37 0.00	27.06 1.29 0.00
WARRENSBURG____ 23737	32.07 2.10 0.00	29.15 1.83 0.00	27.97 1.65 0.00	25.66 1.53 0.00	23.17 1.49 0.00	27.48 1.67 0.00	29.02 1.76 0.00	25.68 1.73 0.00	26.00 1.93 0.00	28.15 2.04 0.00	31.98 2.13 0.00	36.05 2.41 0.00	30.97 2.04 0.00	34.99 2.00 0.00	33.09 1.91 0.00	37.66 2.10 0.00	43.11 2.53 0.00	44.56 2.75 0.00	41.41 2.79 0.00	36.31 2.49 0.00	31.18 2.27 0.00	28.47 2.03 0.00	28.09 1.83 0.00	27.47 1.70 0.00
WATERSIDE____6 8 9 23538	31.58 1.61 0.00	28.68 1.36 0.00	27.47 1.15 0.00	25.21 1.07 0.00	22.68 1.00 0.00	26.79 0.99 0.00	28.38 1.13 0.00	25.22 1.27 0.00	25.47 1.40 0.00	27.62 1.51 0.00	31.73 1.88 0.00	35.82 2.17 0.00	31.06 2.13 0.00	35.33 2.35 0.00	33.54 2.36 0.00	38.06 2.50 0.00	43.20 2.62 0.00	44.44 2.63 0.00	41.10 2.47 0.00	36.06 2.24 0.00	29.21 1.72 1.42	27.93 1.65 0.17	27.94 1.67 0.00	27.34 1.56 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.03 0.07 0.00	27.31 -0.01 0.00	26.29 -0.03 0.00	24.14 0.01 0.00	21.74 0.06 0.00	25.77 -0.03 0.00	27.22 -0.04 0.00	24.05 0.10 0.00	24.20 0.13 0.00	26.18 0.07 0.00	29.91 0.06 0.00	33.72 0.08 0.00	29.03 0.10 0.00	33.03 0.04 0.00	31.22 0.04 0.00	35.62 0.05 0.00	40.72 0.14 0.00	41.97 0.16 0.00	38.79 0.17 0.00	34.03 0.21 0.00	29.08 0.17 0.00	26.58 0.13 0.00	26.42 0.15 0.00	25.89 0.11 0.00
WATSON____69_KV_BK 1 55734	32.31 2.35 0.00	29.27 1.95 0.00	28.04 1.71 0.00	25.66 1.52 0.00	23.03 1.35 0.00	27.16 1.36 0.00	28.91 1.65 0.00	25.70 1.75 0.00	25.96 1.88 0.00	28.25 2.14 0.00	34.51 2.74 -1.91	36.91 2.97 -0.29	35.39 3.05 -3.41	36.39 3.18 -0.23	34.72 3.15 -0.39	38.55 2.98 0.00	43.80 3.22 0.00	45.05 3.25 0.00	41.63 3.01 0.00	36.59 2.77 0.00	31.07 2.16 0.00	28.59 2.15 0.00	28.88 2.32 -0.29	27.98 2.21 0.00
WDELAWARE__HYD 323627	30.10 0.13 0.00	27.30 -0.02 0.00	26.19 -0.13 0.00	23.99 -0.14 0.00	21.57 -0.11 0.00	25.53 -0.28 0.00	27.02 -0.24 0.00	23.97 0.02 0.00	24.21 0.13 0.00	26.29 0.18 0.00	30.19 0.33 0.00	34.11 0.46 0.00	29.53 0.59 0.00	33.56 0.57 0.00	31.84 0.66 0.00	36.24 0.67 0.00	41.38 0.80 0.00	42.67 0.86 0.00	39.42 0.80 0.00	34.50 0.68 0.00	29.33 0.42 0.00	26.82 0.37 0.00	26.61 0.35 0.00	26.03 0.26 0.00



WEST BABYLON___IC 23714	32.26 2.29 0.00	29.22 1.90 0.00	28.00 1.67 0.00	25.62 1.49 0.00	23.01 1.33 0.00	27.13 1.33 0.00	28.86 1.61 0.00	25.66 1.72 0.00	25.91 1.84 0.00	28.18 2.07 0.00	34.43 2.67 -1.91	36.81 2.88 -0.29	35.29 2.95 -3.41	36.31 3.09 -0.23	34.60 3.04 -0.39	38.47 2.90 0.00	43.75 3.17 0.00	45.02 3.21 0.00	41.59 2.96 0.00	36.53 2.70 0.00	31.03 2.12 0.00	28.55 2.10 0.00	28.83 2.27 -0.29	27.93 2.16 0.00
WEST CANADA___HYD 24049	30.02 0.05 0.00	27.34 0.03 0.00	26.35 0.03 0.00	24.17 0.04 0.00	21.74 0.06 0.00	25.83 0.03 0.00	27.28 0.03 0.00	24.02 0.07 0.00	24.15 0.07 0.00	26.16 0.05 0.00	29.92 0.06 0.00	33.75 0.10 0.00	29.05 0.12 0.00	33.09 0.11 0.00	31.31 0.12 0.00	35.67 0.11 0.00	40.67 0.09 0.00	41.92 0.11 0.00	38.73 0.11 0.00	33.92 0.10 0.00	29.00 0.09 0.00	26.53 0.08 0.00	26.34 0.08 0.00	25.85 0.07 0.00
WESTERN_NY_WIND 24143	28.95 -1.02 0.00	26.45 -0.87 0.00	25.45 -0.82 0.06	19.42 -0.73 3.99	20.81 -0.82 0.05	23.92 -0.72 1.17	26.41 -0.85 0.00	21.78 -0.92 1.25	23.21 -0.82 0.04	25.49 -0.62 0.00	29.15 -0.70 0.00	32.90 -0.74 0.00	28.31 -0.62 0.00	31.93 -1.05 0.00	29.05 -1.27 0.86	34.06 -1.51 0.00	38.97 -1.61 0.00	39.67 -1.20 0.93	37.67 -0.95 0.00	33.01 -0.81 0.00	28.40 -0.51 0.00	26.19 -0.26 0.00	25.74 -0.53 0.00	25.38 -0.40 0.00
WESTOVER___LESR 323668	29.88 -0.09 0.00	27.17 -0.14 0.00	26.18 -0.13 0.01	23.19 -0.12 0.82	21.58 -0.09 0.01	25.44 -0.13 0.24	27.13 -0.12 0.00	23.68 -0.02 0.25	24.04 -0.03 0.01	26.11 0.00 0.00	29.87 0.02 0.00	33.77 0.12 0.00	29.08 0.15 0.00	33.10 0.11 0.00	31.05 0.05 0.18	35.63 0.06 0.00	40.69 0.11 0.00	41.73 0.12 0.19	38.82 0.19 0.00	34.00 0.18 0.00	29.07 0.16 0.00	26.61 0.17 0.00	26.39 0.12 0.00	25.90 0.12 0.00
WETHRSFD_WT_PWR 323626	27.58 -2.38 0.00	25.26 -2.05 0.00	24.27 -1.95 0.10	15.59 -1.80 6.74	19.83 -1.76 0.09	21.96 -1.87 1.98	25.39 -1.87 0.00	20.19 -1.68 2.07	22.46 -1.55 0.06	24.70 -1.41 0.00	28.22 -1.64 0.00	32.05 -1.59 0.00	27.57 -1.37 0.00	31.11 -1.88 0.00	27.65 -2.06 1.47	33.20 -2.36 0.00	37.96 -2.62 0.00	37.74 -2.48 1.60	36.38 -2.25 0.00	31.86 -1.97 0.00	27.41 -1.50 0.00	25.27 -1.17 0.00	24.99 -1.27 0.00	24.71 -1.06 0.00
WHAVSTOR_138KV_BK127 55557	31.25 1.28 0.00	28.37 1.06 0.00	27.20 0.88 0.00	24.95 0.82 0.00	22.45 0.77 0.00	26.54 0.74 0.00	28.11 0.85 0.00	24.94 0.99 0.00	25.18 1.11 0.00	27.30 1.18 0.00	31.35 1.49 0.00	35.41 1.76 0.00	30.70 1.76 0.00	34.90 1.92 0.00	33.13 1.94 0.00	37.63 2.06 0.00	42.87 2.29 0.00	44.11 2.30 0.00	40.76 2.14 0.00	35.70 1.88 0.00	30.36 1.45 0.00	27.81 1.37 0.00	27.63 1.37 0.00	27.07 1.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.25 1.28 0.00	28.37 1.06 0.00	27.20 0.88 0.00	24.95 0.82 0.00	22.45 0.77 0.00	26.54 0.74 0.00	28.11 0.85 0.00	24.94 0.99 0.00	25.18 1.11 0.00	27.30 1.18 0.00	31.35 1.49 0.00	35.41 1.76 0.00	30.70 1.76 0.00	34.90 1.92 0.00	33.13 1.94 0.00	37.63 2.06 0.00	42.87 2.29 0.00	44.11 2.30 0.00	40.76 2.14 0.00	35.70 1.88 0.00	30.36 1.45 0.00	27.81 1.37 0.00	27.63 1.37 0.00	27.07 1.29 0.00
WHITEHAL_115KV_TB1 80871	32.70 2.73 0.00	29.71 2.40 0.00	28.47 2.15 0.00	26.10 1.97 0.00	23.69 2.01 0.00	28.08 2.27 0.00	29.58 2.33 0.00	26.17 2.22 0.00	26.68 2.61 0.00	28.85 2.74 0.00	32.82 2.96 0.00	36.95 3.30 0.00	31.68 2.75 0.00	35.67 2.68 0.00	33.74 2.56 0.00	38.31 2.74 0.00	43.90 3.32 0.00	45.59 3.79 0.00	42.13 3.50 0.00	37.04 3.22 0.00	31.68 2.77 0.00	28.99 2.54 0.00	29.06 2.80 0.00	28.42 2.64 0.00
WHITEPLN_13_KV_LOAD 356215	31.72 1.76 0.00	28.79 1.48 0.00	27.60 1.28 0.00	25.32 1.19 0.00	22.77 1.09 0.00	26.92 1.12 0.00	28.50 1.24 0.00	25.30 1.36 0.00	25.56 1.49 0.00	27.73 1.61 0.00	31.86 2.01 0.00	35.98 2.34 0.00	31.20 2.27 0.00	35.47 2.49 0.00	33.68 2.50 0.00	38.25 2.69 0.00	43.55 2.97 0.00	44.83 3.02 0.00	41.45 2.82 0.00	36.33 2.51 0.00	30.86 1.95 0.00	28.26 1.82 0.00	28.08 1.81 0.00	27.48 1.70 0.00
WM_FLOYD_69_KV_BK2 356380	31.89 1.93 0.00	28.87 1.55 0.00	27.69 1.36 0.00	25.35 1.21 0.00	22.75 1.07 0.00	26.86 1.06 0.00	28.65 1.39 0.00	25.44 1.49 0.00	25.64 1.57 0.00	27.91 1.80 0.00	34.09 2.32 -1.91	36.42 2.48 -0.29	34.98 2.64 -3.41	35.89 2.68 -0.23	34.26 2.69 -0.39	38.02 2.46 0.00	43.20 2.62 0.00	44.48 2.67 0.00	41.08 2.46 0.00	36.07 2.25 0.00	30.61 1.70 0.00	28.14 1.70 0.00	28.44 1.88 -0.29	27.56 1.79 0.00
WOODARD___115KV_TB2 355635	29.65 -0.32 0.00	27.01 -0.31 0.00	26.06 -0.26 0.00	23.90 -0.23 0.00	21.48 -0.20 0.00	25.56 -0.25 0.00	26.99 -0.27 0.00	23.75 -0.20 0.00	23.84 -0.23 0.00	25.83 -0.28 0.00	29.54 -0.31 0.00	33.38 -0.27 0.00	28.73 -0.20 0.00	32.71 -0.28 0.00	30.93 -0.25 0.00	35.28 -0.29 0.00	40.29 -0.30 0.00	41.59 -0.22 0.00	38.42 -0.20 0.00	33.64 -0.18 0.00	28.76 -0.16 0.00	26.30 -0.15 0.00	26.06 -0.21 0.00	25.57 -0.21 0.00
YORK___WARBASSE 23770	31.70 1.73 0.00	28.79 1.47 0.00	27.57 1.25 0.00	25.29 1.16 0.00	22.75 1.07 0.00	26.88 1.08 0.00	28.49 1.23 0.00	25.30 1.35 0.00	25.56 1.48 0.00	27.72 1.61 0.00	31.82 1.97 0.00	35.93 2.28 0.00	31.16 2.22 0.00	35.45 2.46 0.00	33.66 2.48 -0.01	38.18 2.61 0.00	43.31 2.73 0.00	44.61 2.80 0.00	41.29 2.67 0.00	36.23 2.41 -0.01	39.03 1.85 -8.27	29.20 1.77 -0.99	28.07 1.80 0.00	27.45 1.67 0.00