

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

07/24/2024

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	25.93	24.57	21.57	24.55	24.07	27.46	29.65	34.66	38.25	37.48	36.18	37.30	36.46	39.00	38.31	40.17	38.76	39.18	39.41	38.54	36.72	36.57	34.31	30.15
24138	1.65	1.55	1.27	1.42	1.43	1.68	1.99	2.49	2.80	2.70	2.74	2.97	3.02	3.23	3.39	3.57	3.44	3.42	3.22	2.99	2.74	2.65	2.27	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.95	24.60	21.60	24.57	24.09	27.48	29.66	34.63	38.22	37.46	36.16	37.28	36.44	38.97	38.29	40.18	38.78	39.23	39.49	38.67	36.87	36.73	34.47	30.28
24260	1.66	1.58	1.30	1.44	1.46	1.69	2.00	2.46	2.78	2.67	2.72	2.95	3.00	3.20	3.37	3.58	3.47	3.47	3.29	3.12	2.89	2.81	2.43	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.95	24.60	21.60	24.57	24.09	27.48	29.66	34.63	38.22	37.46	36.16	37.28	36.44	38.97	38.29	40.18	38.78	39.23	39.49	38.67	36.87	36.73	34.47	30.28
24261	1.66	1.58	1.30	1.44	1.46	1.69	2.00	2.46	2.78	2.67	2.72	2.95	3.00	3.20	3.37	3.58	3.47	3.47	3.29	3.12	2.89	2.81	2.43	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.89	24.55	21.56	24.58	24.09	27.44	29.67	34.43	37.88	36.92	35.17	36.21	35.15	37.47	36.77	38.66	37.47	38.08	38.83	38.38	36.98	36.68	34.35	30.09
24011	1.61	1.53	1.26	1.45	1.45	1.66	2.01	2.25	2.43	2.14	1.73	1.88	1.71	1.70	1.84	2.06	2.16	2.32	2.63	2.82	3.01	2.76	2.31	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.13	24.75	21.69	24.72	24.23	27.60	29.92	34.69	38.16	37.11	35.30	36.40	35.35	37.65	36.98	38.95	37.72	38.36	39.13	38.71	37.34	37.01	34.64	30.36
23798	1.85	1.73	1.39	1.58	1.59	1.82	2.26	2.52	2.71	2.32	1.85	2.07	1.90	1.88	2.05	2.35	2.40	2.61	2.94	3.16	3.36	3.09	2.60	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	25.89	24.55	21.56	24.58	24.09	27.44	29.67	34.43	37.88	36.92</														

ALBANY___2 23572	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.71 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.44 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
ALBANY___3 23573	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.71 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.44 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
ALBANY___4 23574	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.71 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.44 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
ALBANY___LFGE 323615	24.78 0.49 0.00	23.56 0.55 0.00	20.79 0.49 0.00	23.69 0.55 0.00	23.21 0.57 0.00	26.40 0.61 0.00	28.37 0.71 0.00	33.02 0.84 0.00	36.34 0.89 0.00	35.57 0.79 0.00	34.16 0.72 0.00	35.15 0.81 0.00	34.25 0.81 0.00	36.60 0.83 0.00	35.89 0.97 0.00	37.51 0.91 0.00	36.29 0.97 0.00	36.79 1.03 0.00	37.14 0.95 0.00	36.58 1.03 0.00	35.02 1.04 0.00	34.78 0.86 0.00	32.68 0.64 0.00	28.69 0.60 0.00
ALCOA_PA_115KV_PL-6C 55860	24.25 -0.03 0.00	22.98 -0.04 0.00	20.23 -0.07 0.00	23.04 -0.09 0.00	22.53 -0.11 0.00	25.65 -0.13 0.00	27.49 -0.17 0.00	31.98 -0.19 0.00	35.12 -0.32 0.00	34.52 -0.27 0.00	33.10 -0.34 0.00	33.79 -0.54 0.00	27.60 -0.59 5.25	25.96 -0.67 9.14	28.92 -0.73 5.28	35.85 -0.75 0.00	34.21 -1.11 0.00	26.92 -1.14 7.70	35.17 -1.03 0.00	34.53 -1.03 0.00	33.03 -0.95 0.00	33.52 -0.40 0.00	31.79 -0.25 0.00	27.79 -0.30 0.00
ALCOA_RYNLDS___DRP 24188	24.25 -0.03 0.00	22.98 -0.04 0.00	20.23 -0.07 0.00	23.04 -0.09 0.00	22.53 -0.11 0.00	25.65 -0.13 0.00	27.49 -0.17 0.00	31.98 -0.19 0.00	35.12 -0.32 0.00	34.52 -0.27 0.00	33.10 -0.34 0.00	33.79 -0.54 0.00	27.60 -0.59 5.25	25.96 -0.67 9.14	28.92 -0.73 5.28	35.85 -0.75 0.00	34.21 -1.11 0.00	26.92 -1.14 7.70	35.17 -1.03 0.00	34.53 -1.03 0.00	33.03 -0.95 0.00	33.52 -0.40 0.00	31.79 -0.25 0.00	27.79 -0.30 0.00
ALCOA___DSASP 323711	24.25 -0.03 0.00	22.98 -0.04 0.00	20.23 -0.07 0.00	23.04 -0.09 0.00	22.53 -0.11 0.00	25.65 -0.13 0.00	27.49 -0.17 0.00	31.99 -0.19 0.00	35.12 -0.32 0.00	34.52 -0.27 0.00	33.10 -0.34 0.00	33.79 -0.54 0.00	27.60 -0.59 5.25	25.96 -0.67 9.14	28.92 -0.73 5.28	35.85 -0.75 0.00	34.21 -1.11 0.00	26.92 -1.14 7.70	35.17 -1.03 0.00	34.53 -1.03 0.00	33.03 -0.95 0.00	33.52 -0.39 0.00	31.79 -0.25 0.00	27.79 -0.30 0.00
ALLEGHENY___COGEN 23514	24.90 0.62 0.00	23.34 0.32 0.00	20.45 0.15 0.00	23.32 0.19 0.00	22.76 0.12 0.00	26.22 0.43 0.00	28.11 0.45 0.00	32.35 0.18 0.00	35.12 -0.33 0.00	33.99 -0.80 0.00	32.59 -0.86 0.00	33.81 -0.52 0.00	33.15 -0.30 0.00	35.79 0.03 0.00	34.71 -0.21 0.00	36.11 -0.50 0.00	35.01 -0.31 0.00	35.49 -0.27 0.00	36.66 0.46 0.00	35.98 0.43 0.00	34.43 0.45 0.00	34.39 0.48 0.00	32.27 0.23 0.00	28.82 0.73 0.00
ALTAMONT_115KV_TB 2 55880	24.75 0.47 0.00	23.50 0.49 0.00	20.73 0.44 0.00	23.63 0.50 0.00	23.14 0.51 0.00	26.33 0.55 0.00	28.29 0.63 0.00	32.92 0.75 0.00	36.25 0.80 0.00	35.49 0.71 0.00	34.09 0.65 0.00	35.08 0.74 0.00	34.16 0.72 0.00	36.52 0.75 0.00	35.78 0.85 0.00	37.43 0.83 0.00	36.19 0.87 0.00	36.68 0.92 0.00	37.07 0.88 0.00	36.48 0.93 0.00	34.92 0.94 0.00	34.73 0.81 0.00	32.65 0.62 0.00	28.67 0.58 0.00
ALTONA_WT_PWR 323606	25.14 0.86 0.00	23.86 0.84 0.00	20.84 0.55 0.00	23.73 0.60 0.00	23.26 0.62 0.00	26.46 0.68 0.00	28.46 0.80 0.00	32.98 0.81 0.00	36.37 0.92 0.00	35.69 0.90 0.00	34.12 0.68 0.00	34.95 0.61 0.00	29.92 0.80 4.31	28.89 0.63 7.51	30.75 0.16 4.34	36.81 0.21 0.00	35.32 0.00 0.00	29.21 -0.22 6.32	35.87 -0.33 0.00	34.93 -0.62 0.00	34.31 0.34 0.00	34.89 0.97 0.00	32.50 0.46 0.00	28.05 -0.03 0.00
AMERICAN_REF_FUEL 24010	22.95 -1.34 0.00	21.60 -1.41 0.00	19.06 -1.24 0.00	21.85 -1.28 0.00	21.27 -1.37 0.00	24.47 -1.31 0.00	26.04 -1.62 0.00	29.76 -2.41 0.00	32.92 -2.53 0.00	32.60 -2.19 0.00	31.55 -1.90 0.00	32.79 -1.55 0.00	31.92 -1.52 0.00	34.49 -1.28 0.00	33.15 -1.78 0.00	34.73 -1.87 0.00	33.54 -1.78 0.00	34.17 -1.59 0.00	34.62 -1.58 0.00	33.54 -2.01 0.00	31.99 -1.99 0.00	32.05 -1.87 0.00	30.31 -1.73 0.00	26.78 -1.31 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.84 -0.44 0.00	21.93 -1.09 0.00	19.49 -0.80 0.00	22.61 -0.52 0.00	21.91 -0.73 0.00	25.38 -0.40 0.00	27.13 -0.53 0.00	31.35 -0.83 0.00	35.03 -0.42 0.00	34.87 0.08 0.00	33.82 0.37 0.00	35.11 0.78 0.00	33.93 0.49 0.00	36.61 0.84 0.00	35.49 0.56 0.00	37.39 0.78 -0.01	35.91 0.59 0.00	36.56 0.80 0.00	36.85 0.65 0.00	35.73 0.18 0.00	33.81 -0.17 0.00	33.99 0.07 0.00	32.26 0.21 0.00	28.25 0.16 0.00
ARTHUR KILL_GT_1 23520	25.82 1.53 -0.01	24.46 1.45 0.00	21.47 1.18 0.00	24.44 1.31 0.00	23.96 1.33 0.00	27.32 1.54 0.00	29.48 1.82 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.10 2.31 0.00	35.80 2.35 0.00	36.94 2.60 0.00	36.09 2.64 0.00	38.65 2.87 0.00	37.94 3.01 0.00	39.84 3.23 -0.01	41.83 3.11 -3.41	41.68 3.14 -2.79	39.77 2.96 -0.62	38.44 2.89 -0.01	36.67 2.69 0.00	36.53 2.62 0.00	34.29 2.25 0.00	30.10 2.01 -0.01
ARTHUR_KILL_2 23512	25.72 1.43 -0.01	24.37 1.35 0.00	21.40 1.11 0.00	24.35 1.22 0.00	23.88 1.24 0.00	27.22 1.44 0.00	29.37 1.71 0.00	34.22 2.05 0.00	37.72 2.27 0.00	36.95 2.16 0.00	35.66 2.21 0.00	36.79 2.45 0.00	35.94 2.50 0.00	38.48 2.71 0.00	37.79 2.87 0.00	39.66 3.05 -0.01	41.66 2.94 -3.41	41.51 2.97 -2.79	39.60 2.79 -0.62	38.27 2.72 -0.01	36.51 2.52 0.00	36.36 2.45 0.00	34.14 2.10 0.00	29.99 1.89 -0.01
ARTHUR_KILL_3 23513	25.68 1.39 -0.01	24.34 1.32 0.00	21.37 1.07 0.00	24.31 1.18 0.00	23.85 1.21 0.00	27.17 1.39 0.00	29.31 1.65 0.00	34.20 2.03 0.00	37.74 2.29 0.00	36.97 2.19 0.00	35.70 2.26 0.00	36.82 2.48 0.00	36.00 2.56 0.00	38.49 2.72 0.00	37.84 2.91 0.00	39.67 3.07 -0.01	40.88 2.97 -2.59	40.86 2.99 -2.11	39.49 2.83 -0.47	38.23 2.68 0.00	36.45 2.48 0.00	36.32 2.40 0.00	34.10 2.06 0.00	29.94 1.86 0.00

ARTHUR_KILL_COGEN 323718	25.82 1.53 -0.01	24.46 1.45 0.00	21.47 1.18 0.00	24.44 1.31 0.00	23.96 1.33 0.00	27.32 1.54 0.00	29.48 1.82 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.10 2.31 0.00	35.80 2.35 0.00	36.94 2.60 0.00	36.09 2.64 0.00	38.65 2.87 0.00	37.94 3.01 0.00	39.84 3.23 -0.01	41.83 3.11 -3.41	41.68 3.14 -2.79	39.77 2.96 -0.62	38.44 2.89 -0.01	36.67 2.69 0.00	36.53 2.62 0.00	34.29 2.25 0.00	30.10 2.01 -0.01
ASHOKAN____ 23654	25.72 1.44 0.00	24.40 1.38 0.00	21.49 1.19 0.00	24.48 1.35 0.00	23.98 1.35 0.00	27.31 1.53 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.91 2.46 0.00	37.08 2.29 0.00	35.68 2.23 0.00	36.67 2.34 0.00	35.63 2.19 0.00	38.15 2.38 0.00	37.38 2.45 0.00	39.01 2.41 0.00	37.89 2.57 0.00	38.66 2.91 0.00	39.11 2.92 0.00	38.47 2.92 0.00	36.84 2.86 0.00	36.44 2.53 0.00	34.07 2.03 0.00	29.79 1.70 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.79 1.51 0.00	24.43 1.41 0.00	21.44 1.14 0.00	24.40 1.27 0.00	23.94 1.30 0.00	27.27 1.49 0.00	29.47 1.81 0.00	34.36 2.19 0.00	37.83 2.38 0.00	37.03 2.25 0.00	35.77 2.33 0.00	36.85 2.52 0.00	36.02 2.58 0.00	38.47 2.70 0.00	37.80 2.88 0.00	39.63 3.04 0.00	38.28 2.97 0.01	38.62 2.87 0.01	38.89 2.69 0.00	38.16 2.61 0.00	36.44 2.46 0.00	36.31 2.39 0.00	34.16 2.12 0.00	30.06 1.97 0.00
ASTORIA_EAST_ENERGY_CC2 323582	25.79 1.51 0.00	24.43 1.41 0.00	21.44 1.14 0.00	24.40 1.27 0.00	23.94 1.30 0.00	27.27 1.49 0.00	29.47 1.81 0.00	34.36 2.19 0.00	37.83 2.38 0.00	37.03 2.25 0.00	35.77 2.33 0.00	36.85 2.52 0.00	36.02 2.58 0.00	38.47 2.70 0.00	37.80 2.88 0.00	39.63 3.04 0.00	38.28 2.97 0.01	38.62 2.87 0.01	38.89 2.69 0.00	38.16 2.61 0.00	36.44 2.46 0.00	36.31 2.39 0.00	34.16 2.12 0.00	30.06 1.97 0.00
ASTORIA_GT2_1 24094	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT2_2 24095	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT2_3 24096	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT2_4 24097	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT3_1 24098	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT3_2 24099	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT3_3 24100	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT3_4 24101	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT4_1 24102	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT4_2 24103	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT4_3 24104	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00

ASTORIA_GT4_4 24105	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.15 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.26 0.00	35.79 2.35 0.00	36.88 2.55 0.00	36.04 2.60 0.00	38.50 2.73 0.00	37.82 2.90 0.00	39.66 3.06 0.00	38.31 2.99 0.00	38.66 2.91 0.00	38.90 2.70 0.00	38.17 2.63 0.00	36.45 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA_GT_1 23523	25.87 1.58 0.00	24.49 1.47 0.00	21.49 1.19 0.00	24.46 1.33 0.00	23.99 1.35 0.00	27.34 1.55 0.00	29.54 1.88 0.00	34.46 2.29 0.00	37.95 2.50 0.00	37.15 2.36 0.00	35.88 2.44 0.00	36.98 2.65 0.00	36.14 2.70 0.00	38.61 2.84 0.00	37.93 3.01 0.00	39.77 3.17 0.00	38.42 3.11 0.01	38.76 3.01 0.01	39.01 2.81 0.00	38.28 2.73 0.00	36.55 2.57 0.00	36.43 2.51 0.00	34.26 2.22 0.00	30.15 2.06 0.00
ASTORIA_GT_10 24110	25.76 1.47 0.00	24.41 1.39 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.90 2.57 0.00	36.07 2.62 0.00	38.54 2.77 0.00	37.86 2.94 0.00	39.70 3.11 0.00	38.34 3.03 0.00	38.75 2.99 0.00	39.00 2.81 0.00	38.23 2.68 0.00	36.48 2.50 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.05 1.96 0.00
ASTORIA_GT_11 24225	25.76 1.47 0.00	24.41 1.39 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.90 2.57 0.00	36.07 2.62 0.00	38.54 2.77 0.00	37.86 2.94 0.00	39.70 3.11 0.00	38.34 3.03 0.00	38.75 2.99 0.00	39.00 2.81 0.00	38.23 2.68 0.00	36.48 2.50 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.05 1.96 0.00
ASTORIA_GT_12 24226	25.76 1.47 0.00	24.41 1.39 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.90 2.57 0.00	36.07 2.62 0.00	38.54 2.77 0.00	37.86 2.94 0.00	39.70 3.11 0.00	38.34 3.03 0.00	38.75 2.99 0.00	39.00 2.81 0.00	38.23 2.68 0.00	36.48 2.50 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.05 1.96 0.00
ASTORIA_GT_13 24227	25.76 1.47 0.00	24.41 1.39 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.90 2.57 0.00	36.07 2.62 0.00	38.54 2.77 0.00	37.86 2.94 0.00	39.70 3.11 0.00	38.34 3.03 0.00	38.75 2.99 0.00	39.00 2.81 0.00	38.23 2.68 0.00	36.48 2.50 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.05 1.96 0.00
ASTORIA_GT_5 24106	25.87 1.58 0.00	24.49 1.47 0.00	21.49 1.19 0.00	24.46 1.33 0.00	23.99 1.35 0.00	27.34 1.56 0.00	29.54 1.88 0.00	34.46 2.29 0.00	37.95 2.50 0.00	37.14 2.36 0.00	35.89 2.44 0.00	36.98 2.65 0.00	36.14 2.70 0.00	38.61 2.84 0.00	37.93 3.00 0.00	39.78 3.18 0.00	38.42 3.10 0.00	38.77 3.02 0.00	39.01 2.81 0.00	38.28 2.73 0.00	36.55 2.57 0.00	36.43 2.51 0.00	34.25 2.22 0.00	30.15 2.06 0.00
ASTORIA_GT_7 24107	25.87 1.58 0.00	24.49 1.47 0.00	21.49 1.19 0.00	24.46 1.33 0.00	23.99 1.35 0.00	27.34 1.56 0.00	29.54 1.88 0.00	34.46 2.29 0.00	37.95 2.50 0.00	37.14 2.36 0.00	35.89 2.44 0.00	36.98 2.65 0.00	36.14 2.70 0.00	38.61 2.84 0.00	37.93 3.00 0.00	39.78 3.18 0.00	38.42 3.10 0.00	38.77 3.02 0.00	39.01 2.81 0.00	38.28 2.73 0.00	36.55 2.57 0.00	36.43 2.51 0.00	34.25 2.22 0.00	30.15 2.06 0.00
ASTORIA_GT_8 24108	25.87 1.58 0.00	24.49 1.47 0.00	21.49 1.19 0.00	24.46 1.33 0.00	23.99 1.35 0.00	27.34 1.56 0.00	29.54 1.88 0.00	34.46 2.29 0.00	37.95 2.50 0.00	37.14 2.36 0.00	35.89 2.44 0.00	36.98 2.65 0.00	36.14 2.70 0.00	38.61 2.84 0.00	37.93 3.00 0.00	39.78 3.18 0.00	38.42 3.10 0.00	38.77 3.02 0.00	39.01 2.81 0.00	38.28 2.73 0.00	36.55 2.57 0.00	36.43 2.51 0.00	34.25 2.22 0.00	30.15 2.06 0.00
ASTORIA___2 24149	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.14 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.27 0.00	35.79 2.35 0.00	36.87 2.55 0.00	36.03 2.60 0.00	38.50 2.73 0.00	37.83 2.90 0.00	39.65 3.06 0.00	38.30 2.99 0.01	38.65 2.90 0.01	38.90 2.70 0.00	38.17 2.63 0.00	36.46 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
ASTORIA___3 23516	25.76 1.47 0.00	24.41 1.39 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.36 0.00	36.90 2.56 0.00	36.07 2.63 0.00	38.54 2.77 0.00	37.87 2.95 0.00	39.70 3.11 0.00	38.35 3.03 0.00	38.75 2.99 0.00	39.00 2.80 0.00	38.23 2.68 0.00	36.48 2.50 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.05 1.96 0.00
ASTORIA___4 23517	25.76 1.47 0.00	24.41 1.39 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.44 1.78 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.90 2.57 0.00	36.07 2.62 0.00	38.54 2.77 0.00	37.86 2.93 0.00	39.70 3.11 0.00	38.34 3.03 0.00	38.75 2.99 0.00	39.00 2.81 0.00	38.23 2.68 0.00	36.48 2.50 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.05 1.96 0.00
ASTORIA___5 23518	25.80 1.52 0.00	24.44 1.42 0.00	21.44 1.14 0.00	24.41 1.28 0.00	23.95 1.31 0.00	27.29 1.50 0.00	29.47 1.81 0.00	34.38 2.21 0.00	37.86 2.41 0.00	37.05 2.27 0.00	35.79 2.35 0.00	36.87 2.55 0.00	36.03 2.60 0.00	38.50 2.73 0.00	37.83 2.90 0.00	39.65 3.06 0.00	38.30 2.99 0.01	38.65 2.90 0.01	38.90 2.70 0.00	38.17 2.63 0.00	36.46 2.48 0.00	36.34 2.42 0.00	34.18 2.14 0.00	30.08 1.99 0.00
AST_ENERGY_2_CC3 323677	25.70 1.41 0.00	24.35 1.33 0.00	21.39 1.09 0.00	24.33 1.20 0.00	23.86 1.22 0.00	27.19 1.41 0.00	29.33 1.67 0.00	34.24 2.07 0.00	37.79 2.34 0.00	37.02 2.23 0.00	35.73 2.29 0.00	36.85 2.52 0.00	36.02 2.58 0.00	38.52 2.75 0.00	37.85 2.92 0.00	39.71 3.11 0.00	38.32 3.01 0.00	38.77 3.01 0.00	39.03 2.84 0.00	38.23 2.68 0.00	36.45 2.48 0.00	36.32 2.40 0.00	34.10 2.06 0.00	29.95 1.87 0.00
AST_ENERGY_2_CC4 323678	25.70 1.41 0.00	24.35 1.33 0.00	21.39 1.09 0.00	24.33 1.20 0.00	23.86 1.22 0.00	27.19 1.41 0.00	29.33 1.67 0.00	34.24 2.07 0.00	37.79 2.34 0.00	37.02 2.23 0.00	35.73 2.29 0.00	36.85 2.52 0.00	36.02 2.58 0.00	38.52 2.75 0.00	37.85 2.92 0.00	39.71 3.11 0.00	38.32 3.01 0.00	38.77 3.01 0.00	39.03 2.84 0.00	38.23 2.68 0.00	36.45 2.48 0.00	36.32 2.40 0.00	34.10 2.06 0.00	29.95 1.87 0.00

ATHENS_STG_1 23668	24.88 0.60 0.00	23.62 0.60 0.00	20.81 0.51 0.00	23.71 0.58 0.00	23.23 0.59 0.00	26.44 0.65 0.00	28.43 0.77 0.00	33.18 1.01 0.00	36.57 1.12 0.00	35.81 1.02 0.00	34.45 1.01 0.00	35.48 1.14 0.00	34.60 1.16 0.00	36.98 1.21 0.00	36.28 1.35 0.00	37.98 1.38 0.00	36.70 1.39 0.00	37.17 1.41 0.00	37.50 1.31 0.00	36.84 1.30 0.00	35.21 1.23 0.00	34.98 1.06 0.00	32.88 0.84 0.00	28.88 0.79 0.00
ATHENS_STG_2 23670	24.88 0.60 0.00	23.62 0.60 0.00	20.81 0.51 0.00	23.71 0.58 0.00	23.23 0.59 0.00	26.44 0.65 0.00	28.43 0.77 0.00	33.18 1.01 0.00	36.57 1.12 0.00	35.81 1.02 0.00	34.45 1.01 0.00	35.48 1.14 0.00	34.60 1.16 0.00	36.98 1.21 0.00	36.28 1.35 0.00	37.98 1.38 0.00	36.70 1.39 0.00	37.17 1.41 0.00	37.50 1.31 0.00	36.84 1.30 0.00	35.21 1.23 0.00	34.98 1.06 0.00	32.88 0.84 0.00	28.88 0.79 0.00
ATHENS_STG_3 23677	24.88 0.60 0.00	23.62 0.60 0.00	20.81 0.51 0.00	23.71 0.58 0.00	23.23 0.59 0.00	26.44 0.65 0.00	28.43 0.77 0.00	33.18 1.01 0.00	36.57 1.12 0.00	35.81 1.02 0.00	34.45 1.01 0.00	35.48 1.14 0.00	34.60 1.16 0.00	36.98 1.21 0.00	36.28 1.35 0.00	37.98 1.38 0.00	36.70 1.39 0.00	37.17 1.41 0.00	37.50 1.31 0.00	36.84 1.30 0.00	35.21 1.23 0.00	34.98 1.06 0.00	32.88 0.84 0.00	28.88 0.79 0.00
AUBURN___LFGE 323710	24.05 -0.23 0.00	22.73 -0.28 0.00	20.08 -0.22 0.00	22.88 -0.25 0.00	22.32 -0.32 0.00	25.50 -0.29 0.00	27.32 -0.34 0.00	31.87 -0.30 0.00	35.14 -0.31 0.00	34.70 -0.09 0.00	33.30 -0.15 0.00	34.47 0.14 0.00	33.42 -0.02 0.00	35.98 0.21 0.00	35.02 0.10 0.00	36.87 0.27 0.00	35.57 0.25 0.00	36.20 0.44 0.00	36.70 0.51 0.00	35.99 0.44 0.00	34.18 0.20 0.00	33.96 0.04 0.00	32.05 0.01 0.00	28.05 -0.04 0.00
BABYLON_RES_REC 323704	25.58 1.29 0.00	24.30 1.29 0.00	21.26 0.95 0.00	24.24 1.10 0.00	23.79 1.16 0.00	27.10 1.32 0.00	29.09 1.43 0.00	31.92 1.51 1.76	33.35 1.64 3.74	36.41 1.63 0.00	35.22 1.78 0.00	36.37 2.04 0.00	35.66 2.22 0.00	38.07 2.29 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.62 2.86 0.00	38.93 2.74 0.00	38.18 2.63 0.00	36.38 2.40 0.00	36.23 2.31 0.00	34.07 2.03 0.00	30.25 2.16 0.00
BABYLON__69_KV_BK2 356345	26.01 1.73 0.00	24.71 1.69 0.00	21.61 1.31 0.00	24.64 1.51 0.00	24.19 1.56 0.00	27.57 1.79 0.00	29.66 2.00 0.00	32.52 2.15 1.80	34.01 2.38 3.82	37.16 2.37 0.00	35.94 2.50 0.00	37.15 2.82 0.00	36.43 2.99 0.00	38.90 3.13 0.00	38.45 3.53 0.00	40.30 3.70 0.00	38.92 3.60 0.00	39.44 3.68 0.00	39.77 3.57 0.00	38.98 3.43 0.00	37.19 3.21 0.00	37.04 3.11 0.00	34.70 2.66 0.00	30.62 2.53 0.00
BALL_HILL_WT_PWR 323825	23.76 -0.53 0.00	22.17 -0.84 0.00	19.55 -0.75 0.00	22.49 -0.64 0.00	21.88 -0.75 0.00	25.26 -0.52 0.00	26.93 -0.73 0.00	31.06 -1.12 0.00	34.57 -0.88 0.00	34.29 -0.50 0.00	33.17 -0.27 0.00	34.47 0.14 0.00	33.47 0.03 0.00	36.11 0.34 0.00	34.84 -0.09 0.00	36.61 0.00 -0.01	35.26 -0.06 0.00	35.92 0.15 0.00	36.29 0.09 0.00	35.16 -0.39 0.00	33.42 -0.56 0.00	33.48 -0.43 0.00	31.68 -0.36 0.00	27.80 -0.29 0.00
BARON_WINDS___WT_PWR 323822	23.86 -0.42 0.00	22.31 -0.71 0.00	19.59 -0.71 0.00	22.36 -0.77 0.00	21.82 -0.82 0.00	25.12 -0.66 0.00	26.92 -0.74 0.00	31.24 -0.93 0.00	34.85 -0.60 0.00	34.45 -0.33 0.00	33.11 -0.33 0.00	34.27 -0.07 0.00	33.38 -0.06 0.00	35.99 0.23 0.00	34.83 -0.09 0.00	36.45 -0.15 0.00	35.09 -0.23 0.00	35.64 -0.11 0.00	36.00 -0.19 0.00	35.08 -0.47 0.00	33.57 -0.41 0.00	33.41 -0.51 0.00	31.55 -0.48 0.00	27.61 -0.47 0.00
BARRETT_IC_1 23704	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_10 23701	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_11 23702	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_12 23703	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_2 23705	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_3 23706	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_4 23707	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00

BARRETT_IC_5 23708	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_6 23709	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_7 23710	25.65 1.37 0.00	24.35 1.33 0.00	21.32 1.02 0.00	24.29 1.16 0.00	23.83 1.19 0.00	27.17 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.03	32.87 1.73 4.31	36.46 1.67 0.00	35.29 1.85 0.00	36.46 2.13 0.00	35.70 2.25 0.00	38.07 2.30 0.00	37.66 2.74 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.62 2.86 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.09 2.05 0.00	30.02 1.94 0.00
BARRETT_IC_8 23711	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT_IC_9 23700	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT___1 23545	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BARRETT___2 23546	25.65 1.36 0.00	24.34 1.33 0.00	21.32 1.02 0.00	24.28 1.15 0.00	23.83 1.19 0.00	27.16 1.38 0.00	29.12 1.46 0.00	31.71 1.57 2.04	32.86 1.73 4.32	36.46 1.67 0.00	35.30 1.86 0.00	36.46 2.12 0.00	35.70 2.26 0.00	38.08 2.31 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.61 2.85 0.00	38.78 2.59 0.00	37.95 2.40 0.00	36.18 2.20 0.00	36.15 2.23 0.00	34.10 2.06 0.00	30.02 1.93 0.00
BATAVIA___115KV_TB1 55881	24.11 -0.17 0.00	22.66 -0.36 0.00	19.96 -0.33 0.00	22.85 -0.28 0.00	22.27 -0.37 0.00	25.65 -0.14 0.00	27.36 -0.30 0.00	31.46 -0.71 0.00	34.82 -0.63 0.00	34.41 -0.38 0.00	33.30 -0.14 0.00	34.62 0.28 0.00	33.87 0.43 0.00	36.64 0.87 0.00	35.40 0.48 0.00	36.80 0.20 0.00	35.57 0.26 0.00	36.33 0.57 0.00	36.90 0.71 0.00	35.89 0.34 0.00	34.18 0.20 0.00	34.17 0.26 0.00	32.17 0.13 0.00	28.27 0.18 0.00
BAYONEEC___CTG1 323682	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG10 323750	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG2 323683	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG3 323684	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG4 323685	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG5 323686	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG6 323687	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00

BAYONEEC___CTG7 323688	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG8 323689	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BAYONEEC___CTG9 323749	25.74 1.46 0.00	24.39 1.38 0.00	21.42 1.12 0.00	24.37 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.41 0.00	37.09 2.30 0.00	35.80 2.36 0.00	36.93 2.59 0.00	36.09 2.64 0.00	38.57 2.80 0.00	37.90 2.97 0.00	39.78 3.18 0.00	38.38 3.07 0.00	38.82 3.06 0.00	39.09 2.90 0.00	38.31 2.76 0.00	36.53 2.54 0.00	36.39 2.47 0.00	34.17 2.13 0.00	30.01 1.92 0.00
BEACON___LESR 323632	24.88 0.60 0.00	23.62 0.61 0.00	20.83 0.53 0.00	23.74 0.61 0.00	23.25 0.62 0.00	26.51 0.73 0.00	28.48 0.82 0.00	33.18 1.01 0.00	36.48 1.03 0.00	35.72 0.93 0.00	34.29 0.84 0.00	35.31 0.97 0.00	34.41 0.96 0.00	36.81 1.04 0.00	36.07 1.14 0.00	37.74 1.14 0.00	36.44 1.13 0.00	37.06 1.30 0.00	37.41 1.22 0.00	36.86 1.31 0.00	35.26 1.28 0.00	34.97 1.05 0.00	32.85 0.81 0.00	28.82 0.74 0.00
BEAVER RIVER___HYD 24048	24.33 0.04 0.00	22.87 -0.15 0.00	20.10 -0.20 0.00	22.92 -0.22 0.00	22.43 -0.21 0.00	25.57 -0.22 0.00	27.41 -0.25 0.00	31.88 -0.29 0.00	35.32 -0.12 0.00	35.11 0.33 0.00	33.46 0.02 0.00	33.99 -0.34 0.00	-2.61 -1.03 35.02	-26.53 -1.33 60.96	-1.43 -1.18 35.18	36.36 -0.24 0.00	35.21 -0.10 0.00	-16.15 -0.56 51.35	36.32 0.13 0.00	36.04 0.49 0.00	34.51 0.53 0.00	34.41 0.49 0.00	31.85 -0.19 0.00	27.64 -0.45 0.00
BEEBEE_GT_13 23619	23.83 -0.46 0.00	22.47 -0.55 0.00	19.81 -0.48 0.00	22.64 -0.49 0.00	22.09 -0.54 0.00	25.35 -0.44 0.00	27.04 -0.62 0.00	31.21 -0.96 0.00	34.52 -0.93 0.00	34.13 -0.65 0.00	33.03 -0.42 0.00	34.29 -0.05 0.00	33.53 0.09 0.00	36.12 0.35 0.00	34.91 -0.01 0.00	36.54 -0.05 0.00	35.32 0.00 0.00	35.98 0.22 0.00	36.45 0.26 0.00	35.45 -0.10 0.00	33.76 -0.22 0.00	33.68 -0.24 0.00	31.67 -0.37 0.00	27.79 -0.30 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.09 1.80 -0.01	24.69 1.67 0.00	21.67 1.37 0.00	24.66 1.52 0.00	24.18 1.54 0.00	27.56 1.78 0.00	29.76 2.11 0.00	34.72 2.55 0.00	38.28 2.83 0.00	37.48 2.69 0.00	36.20 2.75 0.00	37.35 3.02 0.00	36.50 3.06 0.00	39.06 3.29 0.00	38.37 3.44 0.00	40.27 3.66 -0.01	42.30 3.57 -3.41	42.12 3.57 -2.79	40.19 3.38 -0.62	38.80 3.25 -0.01	37.01 3.03 0.00	36.87 2.95 0.00	34.61 2.57 0.00	30.43 2.33 -0.01
BETHLEHEM___GRP 23843	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.71 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.44 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
BETHLEHEM___GS1 323560	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.72 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.45 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
BETHLEHEM___GS2 323561	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.72 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.45 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
BETHLEHEM___GS3 323562	24.48 0.20 0.00	23.29 0.28 0.00	20.56 0.26 0.00	23.42 0.29 0.00	22.96 0.32 0.00	26.09 0.30 0.00	28.04 0.38 0.00	32.61 0.44 0.00	35.88 0.43 0.00	35.12 0.33 0.00	33.72 0.27 0.00	34.69 0.36 0.00	33.79 0.35 0.00	36.12 0.35 0.00	35.42 0.49 0.00	37.01 0.41 0.00	35.78 0.47 0.00	36.27 0.51 0.00	36.64 0.45 0.00	36.09 0.54 0.00	34.54 0.57 0.00	34.33 0.41 0.00	32.26 0.22 0.00	28.33 0.24 0.00
BETHLEHEM___STEEL 23779	23.75 -0.53 0.00	22.28 -0.74 0.00	19.62 -0.68 0.00	22.49 -0.64 0.00	21.90 -0.73 0.00	25.23 -0.55 0.00	26.87 -0.79 0.00	30.92 -1.26 0.00	34.35 -1.10 0.00	34.05 -0.73 0.00	32.95 -0.49 0.00	34.23 -0.11 0.00	33.33 -0.11 0.00	35.98 0.21 0.00	34.71 -0.21 0.00	36.40 -0.21 -0.01	35.10 -0.22 0.00	35.73 -0.03 0.00	36.14 -0.06 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.69 -0.40 0.00
BETHLHEM_115KV_TB1 79974	24.55 0.27 0.00	23.34 0.32 0.00	20.60 0.30 0.00	23.47 0.33 0.00	22.99 0.36 0.00	26.14 0.36 0.00	28.10 0.43 0.00	32.68 0.51 0.00	35.96 0.51 0.00	35.20 0.41 0.00	33.80 0.36 0.00	34.78 0.45 0.00	33.89 0.45 0.00	36.22 0.45 0.00	35.50 0.58 0.00	37.11 0.51 0.00	35.88 0.57 0.00	36.37 0.61 0.00	36.73 0.54 0.00	36.18 0.63 0.00	34.63 0.65 0.00	34.41 0.50 0.00	32.34 0.30 0.00	28.41 0.32 0.00
BETHPAGE_CC_5 323564	25.71 1.43 0.00	24.43 1.41 0.00	21.37 1.08 0.00	24.37 1.24 0.00	23.93 1.29 0.00	27.27 1.49 0.00	29.32 1.66 0.00	32.26 1.74 1.66	33.84 1.91 3.52	36.66 1.87 0.00	35.44 2.00 0.00	36.60 2.26 0.00	35.86 2.42 0.00	38.30 2.53 0.00	37.91 2.99 0.00	39.70 3.10 0.00	38.29 2.97 0.00	38.84 3.08 0.00	39.10 2.91 0.00	38.26 2.71 0.00	36.46 2.48 0.00	36.32 2.40 0.00	34.18 2.14 0.00	30.13 2.04 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.81 -0.47 0.00	22.34 -0.68 0.00	19.67 -0.63 0.00	22.54 -0.59 0.00	21.95 -0.69 0.00	25.28 -0.50 0.00	26.92 -0.74 0.00	31.01 -1.17 0.00	34.45 -0.99 0.00	34.16 -0.62 0.00	33.08 -0.36 0.00	34.36 0.03 0.00	33.46 0.02 0.00	36.11 0.34 0.00	34.85 -0.07 -0.01	36.55 -0.05 0.00	35.25 -0.07 0.00	35.89 0.13 0.00	36.29 0.09 0.00	35.12 -0.44 0.00	33.43 -0.56 0.00	33.45 -0.47 0.00	31.61 -0.43 0.00	27.77 -0.32 0.00

BINGHAMTON___COGEN 23790	24.19 -0.09 0.00	22.84 -0.17 0.00	20.13 -0.16 0.00	22.96 -0.17 0.00	22.45 -0.18 0.00	25.68 -0.10 0.00	27.51 -0.15 0.00	31.99 -0.19 0.00	35.41 -0.03 0.00	34.85 0.07 0.00	33.57 0.13 0.00	34.68 0.35 0.00	33.74 0.29 0.00	36.19 0.42 0.00	35.28 0.36 0.00	37.00 0.40 0.00	35.69 0.38 0.00	36.29 0.53 0.00	36.70 0.51 0.00	35.84 0.29 0.00	34.21 0.24 0.00	34.06 0.14 0.00	32.09 0.04 0.00	28.07 -0.02 0.00
BIXINCNT_115KV_LOAD 355685	23.93 -0.35 0.00	22.49 -0.53 0.00	19.78 -0.51 0.00	22.60 -0.53 0.00	22.03 -0.60 0.00	25.36 -0.43 0.00	27.04 -0.62 0.00	31.24 -0.93 0.00	34.83 -0.62 0.00	34.52 -0.26 0.00	33.38 -0.06 0.00	34.65 0.31 0.00	33.58 0.14 0.00	36.11 0.33 0.00	34.98 0.05 0.00	36.81 0.20 0.00	35.28 -0.04 0.00	35.93 0.17 0.00	36.38 0.19 0.00	35.17 -0.39 0.00	33.53 -0.46 0.00	33.54 -0.39 0.00	31.73 -0.31 0.00	27.89 -0.20 0.00
BLACK RIVER___HYD 24047	24.43 0.14 0.00	22.94 -0.08 0.00	20.17 -0.12 0.00	23.01 -0.12 0.00	22.51 -0.13 0.00	25.66 -0.12 0.00	27.55 -0.11 0.00	32.07 -0.11 0.00	35.65 0.20 0.00	35.46 0.68 0.00	33.66 0.21 0.00	34.16 -0.18 0.00	5.91 -1.28 26.26	-11.34 -1.40 45.71	7.57 -0.98 26.38	36.50 -0.10 0.00	35.55 0.23 0.00	-3.28 -0.55 38.50	36.71 0.51 0.00	36.47 0.92 0.00	34.92 0.94 0.00	34.70 0.78 0.00	32.10 0.06 0.00	27.80 -0.29 0.00
BLACKRVR_115KV_TB2 79977	24.43 0.14 0.00	22.94 -0.08 0.00	20.17 -0.12 0.00	23.01 -0.12 0.00	22.51 -0.13 0.00	25.66 -0.12 0.00	27.55 -0.11 0.00	32.07 -0.11 0.00	35.65 0.20 0.00	35.47 0.68 0.00	33.66 0.21 0.00	34.15 -0.18 0.00	5.91 -1.28 26.26	-11.34 -1.40 45.71	7.58 -0.96 26.38	36.50 -0.10 0.00	35.55 0.23 0.00	-3.28 -0.55 38.50	36.70 0.51 0.00	36.47 0.92 0.00	34.92 0.94 0.00	34.70 0.78 0.00	32.10 0.06 0.00	27.80 -0.28 0.00
BLISS_WT_PWR 323608	23.92 -0.37 0.00	22.48 -0.54 0.00	19.77 -0.52 0.00	22.59 -0.54 0.00	22.02 -0.62 0.00	25.34 -0.44 0.00	27.03 -0.63 0.00	31.23 -0.94 0.00	34.81 -0.63 0.00	34.51 -0.28 0.00	33.36 -0.09 0.00	34.64 0.31 0.00	33.55 0.11 0.00	36.08 0.30 0.00	34.93 0.00 0.00	36.81 0.20 0.00	35.26 -0.06 0.00	35.91 0.15 0.00	36.36 0.17 0.00	35.16 -0.39 0.00	33.50 -0.48 0.00	33.52 -0.40 0.00	31.70 -0.34 0.00	27.87 -0.22 0.00
BLUESTONE___WT_PWR 323821	25.77 1.48 0.00	24.30 1.29 0.00	21.39 1.08 0.00	24.45 1.32 0.00	23.90 1.27 0.00	27.34 1.56 0.00	29.15 1.49 0.00	33.85 1.67 0.00	37.57 2.12 0.00	36.71 1.92 0.00	35.62 2.17 0.00	36.75 2.42 0.00	35.62 2.18 0.00	38.06 2.29 0.00	37.38 2.46 0.00	39.24 2.64 0.00	38.04 2.72 0.00	38.80 3.05 0.00	39.06 2.86 0.00	38.00 2.45 0.00	36.02 2.05 0.00	36.03 2.11 0.00	34.38 2.34 0.00	30.04 1.96 0.00
BLUE_CIRC_CHEM_DRP 24182	24.81 0.52 0.00	23.59 0.57 0.00	20.82 0.52 0.00	23.74 0.61 0.00	23.25 0.62 0.00	26.44 0.65 0.00	28.41 0.74 0.00	33.00 0.83 0.00	36.30 0.85 0.00	35.51 0.73 0.00	34.07 0.63 0.00	35.01 0.67 0.00	34.05 0.61 0.00	36.42 0.65 0.00	35.68 0.76 0.00	37.25 0.65 0.00	36.00 0.69 0.00	36.58 0.83 0.00	37.00 0.81 0.00	36.47 0.92 0.00	34.96 0.98 0.00	34.76 0.84 0.00	32.68 0.64 0.00	28.69 0.61 0.00
BOC_GAS_DRP 24189	24.66 0.37 0.00	23.42 0.40 0.00	20.66 0.37 0.00	23.55 0.42 0.00	23.06 0.43 0.00	26.24 0.45 0.00	28.19 0.53 0.00	32.80 0.63 0.00	36.12 0.67 0.00	35.36 0.58 0.00	33.98 0.54 0.00	34.97 0.64 0.00	34.08 0.63 0.00	36.43 0.65 0.00	35.69 0.76 0.00	37.32 0.72 0.00	36.06 0.75 0.00	36.54 0.78 0.00	36.91 0.72 0.00	36.31 0.76 0.00	34.75 0.77 0.00	34.55 0.64 0.00	32.50 0.46 0.00	28.55 0.46 0.00
BOONVILLE_115KV_TB1 79983	24.72 0.43 0.00	23.32 0.30 0.00	20.54 0.24 0.00	23.41 0.27 0.00	22.90 0.27 0.00	26.12 0.34 0.00	28.04 0.38 0.00	32.60 0.43 0.00	36.05 0.60 0.00	35.58 0.79 0.00	34.16 0.72 0.00	35.01 0.68 0.00	48.94 0.37 -15.13	62.32 0.21 -26.33	50.34 0.22 -15.20	37.29 0.69 0.00	36.13 0.81 0.00	58.67 0.73 -22.18	37.20 1.01 0.00	36.69 1.14 0.00	35.08 1.10 0.00	34.94 1.02 0.00	32.62 0.58 0.00	28.43 0.34 0.00
BORALEX_4TH_BRANCH 23824	25.45 1.17 0.00	24.34 1.32 0.00	21.46 1.16 0.00	24.47 1.34 0.00	23.96 1.33 0.00	27.28 1.49 0.00	29.31 1.66 0.00	33.97 1.80 0.00	37.27 1.82 0.00	36.30 1.51 0.00	34.68 1.24 0.00	35.70 1.36 0.00	34.73 1.29 0.00	37.00 1.23 0.00	36.24 1.31 0.00	37.66 1.06 0.00	36.42 1.10 0.00	36.93 1.18 0.00	37.28 1.09 0.00	37.07 1.52 0.00	35.61 1.63 0.00	35.33 1.41 0.00	33.21 1.17 0.00	29.27 1.19 0.00
BOWLINE___1 23526	25.30 1.02 0.00	24.00 0.99 0.00	21.12 0.82 0.00	24.06 0.92 0.00	23.58 0.94 0.00	26.88 1.09 0.00	28.92 1.26 0.00	33.72 1.55 0.00	37.21 1.76 0.00	36.46 1.68 0.00	35.19 1.75 0.00	36.30 1.97 0.00	35.47 2.03 0.00	37.94 2.17 0.00	37.25 2.33 0.00	39.01 2.41 0.00	37.71 2.40 0.00	38.20 2.44 0.00	38.48 2.29 0.00	37.68 2.13 0.00	35.97 1.99 0.00	35.82 1.90 0.00	33.63 1.60 0.00	29.53 1.44 0.00
BOWLINE___2 23595	25.34 1.06 0.00	24.03 1.01 0.00	21.14 0.84 0.00	24.06 0.93 0.00	23.59 0.95 0.00	26.90 1.11 0.00	28.96 1.30 0.00	33.77 1.60 0.00	37.28 1.83 0.00	36.53 1.74 0.00	35.25 1.80 0.00	36.37 2.03 0.00	35.53 2.10 0.00	38.00 2.22 0.00	37.32 2.39 0.00	39.08 2.49 0.00	37.77 2.46 0.00	38.26 2.50 0.00	38.55 2.36 0.00	37.74 2.19 0.00	36.03 2.05 0.00	35.87 1.96 0.00	33.69 1.65 0.00	29.58 1.49 0.00
BRADY___115KV_TB2 356060	24.43 0.15 0.00	23.12 0.11 0.00	20.34 0.04 0.00	23.17 0.03 0.00	22.66 0.03 0.00	25.81 0.03 0.00	27.68 0.02 0.00	32.14 -0.04 0.00	35.18 -0.27 0.00	34.59 -0.20 0.00	33.20 -0.24 0.00	33.80 -0.54 0.00	24.96 -0.73 7.75	21.54 -0.74 13.49	26.46 -0.67 7.79	35.94 -0.66 0.00	34.12 -1.20 0.00	23.28 -1.11 11.36	35.41 -0.78 0.00	34.78 -0.77 0.00	33.30 -0.68 0.00	33.86 -0.06 0.00	32.04 0.00 0.00	27.96 -0.13 0.00
BRANSCOMB___SOLAR 323811	25.59 1.31 0.00	24.30 1.28 0.00	21.39 1.09 0.00	24.37 1.24 0.00	23.88 1.24 0.00	27.21 1.43 0.00	29.33 1.67 0.00	34.06 1.89 0.00	37.43 1.98 0.00	36.55 1.77 0.00	34.92 1.48 0.00	35.90 1.57 0.00	34.88 1.44 0.00	37.17 1.40 0.00	36.45 1.53 0.00	38.22 1.62 0.00	37.09 1.78 0.00	37.63 1.87 0.00	38.24 2.05 0.00	37.81 2.27 0.00	36.35 2.37 0.00	36.07 2.15 0.00	33.83 1.79 0.00	29.67 1.59 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	25.84 1.56 0.00	24.57 1.56 0.00	21.47 1.17 0.00	24.50 1.37 0.00	24.06 1.43 0.00	27.40 1.62 0.00	29.49 1.83 0.00	32.21 1.94 0.00	33.54 2.11 0.00	36.90 2.11 0.00	35.66 2.21 0.00	36.85 2.51 0.00	36.13 2.69 0.00	38.56 2.79 0.00	38.03 3.10 0.00	39.81 3.21 0.00	38.42 3.10 0.00	38.77 3.01 0.00	39.09 2.90 0.00	38.45 2.90 0.00	36.75 2.77 0.00	36.64 2.72 -0.01	34.34 2.30 0.00	30.29 2.21 0.00



BRISTLHL_115KV_TB1 79998	23.43 -0.86 0.00	22.17 -0.85 0.00	19.60 -0.70 0.00	22.36 -0.77 0.00	21.87 -0.77 0.00	24.94 -0.85 0.00	26.67 -0.99 0.00	30.99 -1.19 0.00	34.21 -1.24 0.00	33.64 -1.14 0.00	32.41 -1.03 0.00	33.33 -1.01 0.00	30.24 -0.96 2.24	30.94 -0.92 3.90	31.76 -0.91 2.25	35.70 -0.90 0.00	34.57 -0.74 0.00	31.70 -0.77 3.29	35.48 -0.71 0.00	34.79 -0.76 0.00	33.21 -0.76 0.00	33.05 -0.87 0.00	31.10 -0.94 0.00	27.24 -0.85 0.00
BROOKHAVEN___DRP 24191	25.56 1.28 0.00	24.35 1.33 0.00	21.31 1.01 0.00	24.37 1.23 0.00	23.93 1.30 0.00	27.25 1.47 0.00	29.33 1.67 0.00	31.82 1.56 1.92	33.08 1.71 4.08	36.55 1.77 0.00	35.37 1.93 0.00	36.59 2.26 0.00	35.88 2.44 0.00	38.24 2.47 0.00	37.80 2.87 0.00	39.60 3.00 0.00	38.25 2.93 0.00	38.85 3.09 0.00	39.16 2.97 0.00	38.36 2.81 0.00	36.66 2.68 0.00	36.43 2.51 0.00	34.09 2.05 0.00	30.06 1.97 0.00
BROOKLYN_NAVY_YARD 23515	25.76 1.47 0.00	24.40 1.38 0.00	21.43 1.13 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.40 1.75 0.00	34.34 2.17 0.00	37.89 2.43 0.00	37.12 2.33 0.00	35.82 2.38 0.00	36.95 2.62 0.00	36.11 2.67 0.00	38.60 2.83 0.00	37.93 3.01 0.00	39.78 3.18 0.00	38.42 3.10 0.00	38.85 3.09 0.00	39.11 2.91 0.00	38.30 2.75 0.00	36.53 2.54 0.00	36.41 2.49 0.00	34.17 2.13 0.00	30.02 1.93 0.00
BROOKLYN___ARMY_DRP 323595	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
BROOKVLE_69_KV_TB1 55790	25.98 1.70 0.00	24.65 1.63 0.00	21.59 1.29 0.00	24.58 1.45 0.00	24.13 1.50 0.00	27.51 1.72 0.00	29.60 1.94 0.00	33.41 2.19 0.96	35.89 2.48 2.04	37.20 2.41 0.00	35.97 2.53 0.00	37.18 2.84 0.00	36.40 2.96 0.00	38.93 3.16 0.00	38.51 3.58 0.00	40.33 3.74 0.00	38.84 3.53 0.00	39.41 3.65 0.00	39.61 3.41 0.00	38.71 3.16 0.00	36.89 2.91 0.00	36.75 2.83 0.00	34.58 2.54 0.00	30.41 2.32 0.00
BROOME_2_LFGE 323671	24.19 -0.09 0.00	22.84 -0.17 0.00	20.13 -0.16 0.00	22.96 -0.17 0.00	22.45 -0.18 0.00	25.68 -0.10 0.00	27.51 -0.15 0.00	31.99 -0.19 0.00	35.41 -0.04 0.00	34.85 0.07 0.00	33.57 0.12 0.00	34.68 0.35 0.00	33.73 0.29 0.00	36.19 0.42 0.00	35.27 0.35 0.00	37.00 0.40 0.00	35.69 0.38 0.00	36.29 0.53 0.00	36.69 0.50 0.00	35.84 0.29 0.00	34.21 0.23 0.00	34.06 0.14 0.00	32.09 0.04 0.00	28.07 -0.02 0.00
BROOME___LFGE 323600	24.19 -0.09 0.00	22.84 -0.17 0.00	20.13 -0.16 0.00	22.96 -0.17 0.00	22.45 -0.18 0.00	25.68 -0.10 0.00	27.51 -0.15 0.00	31.99 -0.19 0.00	35.41 -0.04 0.00	34.85 0.07 0.00	33.57 0.12 0.00	34.68 0.35 0.00	33.73 0.29 0.00	36.19 0.42 0.00	35.27 0.35 0.00	37.00 0.40 0.00	35.69 0.38 0.00	36.29 0.53 0.00	36.69 0.50 0.00	35.84 0.29 0.00	34.21 0.23 0.00	34.06 0.14 0.00	32.09 0.04 0.00	28.07 -0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	23.99 -0.29 0.00	22.62 -0.39 0.00	19.89 -0.41 0.00	22.66 -0.47 0.00	22.18 -0.46 0.00	25.26 -0.53 0.00	27.09 -0.57 0.00	31.51 -0.66 0.00	34.78 -0.67 0.00	34.45 -0.34 0.00	32.90 -0.54 0.00	33.43 -0.91 0.00	7.93 -1.30 24.21	-7.95 -1.58 42.14	9.12 -1.49 24.32	35.77 -0.83 0.00	34.45 -0.86 0.00	-0.88 -1.15 35.49	35.56 -0.63 0.00	35.21 -0.34 0.00	33.75 -0.23 0.00	33.82 -0.10 0.00	31.45 -0.59 0.00	27.31 -0.77 0.00
BROWNSV1_27_KV_LOAD 356125	26.06 1.78 0.00	24.69 1.67 0.00	21.68 1.38 0.00	24.66 1.53 0.00	24.18 1.54 0.00	27.57 1.78 0.00	29.75 2.09 0.00	34.74 2.57 0.00	38.35 2.90 0.00	37.57 2.79 0.00	36.28 2.84 0.00	37.42 3.09 0.00	36.58 3.14 0.00	39.13 3.36 0.00	38.43 3.51 0.00	40.33 3.73 0.00	38.95 3.63 0.00	39.41 3.65 0.00	39.66 3.46 0.00	38.84 3.28 0.00	37.03 3.05 0.00	36.89 2.97 0.00	34.63 2.59 0.00	30.41 2.32 0.00
BURROWS___LYONSDAL 23803	24.65 0.37 0.00	23.23 0.21 0.00	20.44 0.14 0.00	23.30 0.17 0.00	22.80 0.17 0.00	26.00 0.22 0.00	27.89 0.23 0.00	32.43 0.25 0.00	35.89 0.44 0.00	35.50 0.72 0.00	34.03 0.58 0.00	34.79 0.46 0.00	33.49 0.05 0.00	35.59 -0.18 0.00	34.77 -0.16 0.00	37.09 0.49 0.00	35.94 0.63 0.00	36.20 0.44 0.00	37.02 0.83 0.00	36.57 1.02 0.00	34.98 1.01 0.00	34.84 0.92 0.00	32.43 0.39 0.00	28.24 0.15 0.00
CAITHNESS_CC_1 323624	25.54 1.26 0.00	24.33 1.31 0.00	21.28 0.98 0.00	24.32 1.19 0.00	23.89 1.25 0.00	27.20 1.42 0.00	29.27 1.61 0.00	31.79 1.54 1.92	33.04 1.68 4.08	36.51 1.72 0.00	35.32 1.88 0.00	36.52 2.18 0.00	35.82 2.38 0.00	38.17 2.40 0.00	37.76 2.84 0.00	39.53 2.93 0.00	38.17 2.85 0.00	38.75 2.99 0.00	39.05 2.86 0.00	38.27 2.72 0.00	36.57 2.59 0.00	36.36 2.44 0.00	34.03 2.00 0.00	30.01 1.92 0.00
CALPINE BETH_PAGE_GT4 24209	25.75 1.47 0.00	24.46 1.44 0.00	21.41 1.11 0.00	24.39 1.26 0.00	23.95 1.32 0.00	27.30 1.51 0.00	29.34 1.68 0.00	32.38 1.74 1.54	34.11 1.93 3.26	36.65 1.86 0.00	35.43 1.99 0.00	36.63 2.30 0.00	35.88 2.44 0.00	38.32 2.55 0.00	37.91 2.98 0.00	39.73 3.14 0.00	38.31 3.00 0.00	38.86 3.11 0.00	39.12 2.93 0.00	38.27 2.73 0.00	36.48 2.50 0.00	36.33 2.42 0.00	34.24 2.20 0.00	30.17 2.08 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.75 1.47 0.00	24.46 1.44 0.00	21.41 1.11 0.00	24.39 1.26 0.00	23.95 1.32 0.00	27.30 1.51 0.00	29.34 1.68 0.00	32.38 1.74 1.54	34.11 1.92 3.26	36.65 1.87 0.00	35.44 2.00 0.00	36.63 2.30 0.00	35.89 2.44 0.00	38.32 2.55 0.00	37.94 3.02 0.00	39.73 3.13 0.00	38.31 3.00 0.00	38.87 3.11 0.00	39.12 2.92 0.00	38.27 2.73 0.00	36.48 2.50 0.00	36.33 2.42 0.00	34.25 2.21 0.00	30.17 2.08 0.00
CALPINE_BP_GT1 23823	25.75 1.47 0.00	24.46 1.44 0.00	21.41 1.11 0.00	24.39 1.26 0.00	23.95 1.32 0.00	27.30 1.51 0.00	29.34 1.68 0.00	32.38 1.74 1.54	34.11 1.92 3.26	36.65 1.87 0.00	35.44 2.00 0.00	36.63 2.30 0.00	35.89 2.44 0.00	38.32 2.55 0.00	37.94 3.02 0.00	39.73 3.13 0.00	38.31 3.00 0.00	38.87 3.11 0.00	39.12 2.92 0.00	38.27 2.73 0.00	36.48 2.50 0.00	36.33 2.42 0.00	34.25 2.21 0.00	30.17 2.08 0.00
CALSPAN___DRP 24200	23.75 -0.53 0.00	22.28 -0.74 0.00	19.62 -0.68 0.00	22.49 -0.64 0.00	21.90 -0.73 0.00	25.23 -0.55 0.00	26.87 -0.79 0.00	30.92 -1.26 0.00	34.35 -1.10 0.00	34.05 -0.73 0.00	32.95 -0.49 0.00	34.23 -0.11 0.00	33.33 -0.11 0.00	35.98 0.21 0.00	34.71 -0.21 0.00	36.40 -0.21 -0.01	35.10 -0.22 0.00	35.73 -0.03 0.00	36.14 -0.06 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.69 -0.40 0.00

CALVERTON___SOLAR 323806	25.62 1.33 0.00	24.40 1.38 0.00	21.36 1.06 0.00	24.43 1.31 0.00	24.00 1.36 0.00	27.34 1.55 0.00	29.42 1.76 0.00	31.88 1.63 1.92	33.16 1.80 4.08	36.66 1.88 0.00	35.51 2.06 0.00	36.73 2.39 0.00	36.03 2.59 0.00	38.39 2.62 0.00	37.96 3.04 0.00	39.75 3.15 0.00	38.41 3.09 0.00	39.03 3.27 0.00	39.32 3.13 0.00	38.53 2.98 0.00	36.80 2.83 0.00	36.57 2.65 0.00	34.21 2.17 0.00	30.15 2.06 0.00
CANDIGU_WT_PWR 323617	23.86 -0.42 0.00	22.31 -0.71 0.00	19.59 -0.71 0.00	22.36 -0.77 0.00	21.82 -0.82 0.00	25.12 -0.66 0.00	26.92 -0.74 0.00	31.24 -0.93 0.00	34.85 -0.60 0.00	34.45 -0.33 0.00	33.11 -0.33 0.00	34.27 -0.07 0.00	33.38 -0.06 0.00	35.99 0.23 0.00	34.83 -0.09 0.00	36.45 -0.15 0.00	35.09 -0.23 0.00	35.64 -0.11 0.00	36.00 -0.19 0.00	35.08 -0.47 0.00	33.57 -0.41 0.00	33.41 -0.51 0.00	31.55 -0.48 0.00	27.61 -0.47 0.00
CARR STREET_E_SYR 24060	23.60 -0.68 0.00	22.32 -0.70 0.00	19.72 -0.57 0.00	22.50 -0.63 0.00	22.00 -0.64 0.00	25.10 -0.68 0.00	26.86 -0.80 0.00	31.21 -0.96 0.00	34.47 -0.97 0.00	33.92 -0.87 0.00	32.71 -0.73 0.00	33.75 -0.59 0.00	32.91 -0.53 0.00	35.29 -0.48 0.00	34.45 -0.47 0.00	36.14 -0.46 0.00	34.92 -0.40 0.00	35.41 -0.35 0.00	35.85 -0.34 0.00	35.12 -0.44 0.00	33.49 -0.49 0.00	33.32 -0.59 0.00	31.35 -0.70 0.00	27.46 -0.63 0.00
CARTHAGE___PAPER 23857	24.55 0.27 0.00	23.08 0.06 0.00	20.28 -0.02 0.00	23.12 -0.01 0.00	22.63 0.00 0.00	25.81 0.02 0.00	27.69 0.03 0.00	32.21 0.04 0.00	35.72 0.27 0.00	35.52 0.73 0.00	33.75 0.31 0.00	34.24 -0.09 0.00	2.85 -0.95 29.65	-16.97 -1.13 51.61	4.25 -0.89 29.79	36.65 0.05 0.00	35.51 0.20 0.00	-8.05 -0.34 43.47	36.69 0.50 0.00	36.41 0.87 0.00	34.90 0.92 0.00	34.76 0.85 0.00	32.18 0.15 0.00	27.90 -0.19 0.00
CASSADAGA_WT_PWR 323784	24.04 -0.25 0.00	22.00 -1.02 0.00	19.66 -0.64 0.00	22.80 -0.33 0.00	22.06 -0.58 0.00	25.59 -0.20 0.00	27.40 -0.26 0.00	31.71 -0.46 0.00	35.46 0.02 0.00	35.34 0.56 0.00	34.25 0.81 0.00	35.50 1.17 0.00	34.20 0.76 0.00	36.92 1.15 0.00	35.81 0.89 0.00	37.84 1.24 0.00	36.37 1.05 0.00	36.98 1.22 0.00	37.13 0.93 0.00	36.02 0.47 0.00	34.08 0.10 0.00	34.27 0.35 0.00	32.58 0.53 0.00	28.51 0.43 0.00
CE_DUNWOOD___DRP 24194	25.54 1.26 0.00	24.22 1.20 0.00	21.28 0.98 0.00	24.23 1.09 0.00	23.75 1.11 0.00	27.07 1.29 0.00	29.18 1.52 0.00	34.05 1.88 0.00	37.57 2.12 0.00	36.81 2.02 0.00	35.50 2.06 0.00	36.62 2.29 0.00	35.78 2.33 0.00	38.25 2.48 0.00	37.57 2.64 0.00	39.39 2.79 0.00	38.04 2.73 0.00	38.52 2.76 0.00	38.80 2.61 0.00	38.00 2.44 0.00	36.26 2.28 0.00	36.11 2.19 0.00	33.91 1.87 0.00	29.79 1.70 0.00
CE_MILLWOOD___DRP 24193	25.48 1.20 0.00	24.16 1.14 0.00	21.23 0.93 0.00	24.17 1.04 0.00	23.69 1.06 0.00	27.01 1.23 0.00	29.11 1.45 0.00	33.96 1.79 0.00	37.47 2.03 0.00	36.72 1.93 0.00	35.42 1.97 0.00	36.53 2.20 0.00	35.69 2.24 0.00	38.16 2.38 0.00	37.47 2.54 0.00	39.27 2.67 0.00	37.95 2.63 0.00	38.43 2.67 0.00	38.71 2.52 0.00	37.92 2.37 0.00	36.19 2.21 0.00	36.04 2.12 0.00	33.84 1.80 0.00	29.72 1.64 0.00
CE_NYC2_DRP 24202	25.78 1.49 0.00	24.42 1.40 0.00	21.44 1.14 0.00	24.40 1.27 0.00	23.93 1.29 0.00	27.29 1.50 0.00	29.46 1.80 0.00	34.38 2.21 0.00	37.91 2.46 0.00	37.11 2.33 0.00	35.83 2.38 0.00	36.93 2.60 0.00	36.09 2.65 0.00	38.57 2.80 0.00	37.90 2.98 0.00	39.75 3.15 0.00	38.38 3.07 0.00	38.81 3.05 0.00	39.05 2.86 0.00	38.28 2.73 0.00	36.52 2.54 0.00	36.39 2.47 0.00	34.18 2.14 0.00	30.07 1.98 0.00
CE_NYC_DRP 24195	25.77 1.49 0.00	24.42 1.40 0.00	21.45 1.15 0.00	24.40 1.27 0.00	23.93 1.29 0.00	27.27 1.49 0.00	29.43 1.77 0.00	34.35 2.18 0.00	37.92 2.47 0.00	37.15 2.37 0.00	35.86 2.42 0.00	36.99 2.65 0.00	36.15 2.70 0.00	38.67 2.89 0.00	37.98 3.06 0.00	39.85 3.25 0.00	38.46 3.14 0.00	38.91 3.15 0.00	39.17 2.98 0.00	38.36 2.81 0.00	36.57 2.59 0.00	36.43 2.52 0.00	34.20 2.16 0.00	30.05 1.97 0.00
CHAFFEE___LFGE 323603	23.88 -0.40 0.00	22.41 -0.61 0.00	19.72 -0.58 0.00	22.60 -0.53 0.00	22.01 -0.63 0.00	25.36 -0.43 0.00	27.02 -0.64 0.00	31.12 -1.05 0.00	34.58 -0.87 0.00	34.26 -0.53 0.00	33.14 -0.30 0.00	34.44 0.11 0.00	33.52 0.08 0.00	36.18 0.41 0.00	34.87 -0.05 0.00	36.61 0.00 0.00	35.31 -0.01 0.00	35.98 0.22 0.00	36.39 0.19 0.00	35.22 -0.33 0.00	33.52 -0.47 0.00	33.54 -0.38 0.00	31.68 -0.36 0.00	27.83 -0.26 0.00
CHATEAUG_35_KV_LOAD 355732	24.69 0.41 0.00	23.42 0.41 0.00	20.51 0.22 0.00	23.37 0.24 0.00	22.87 0.24 0.00	26.03 0.24 0.00	27.96 0.30 0.00	32.45 0.28 0.00	35.74 0.29 0.00	35.11 0.32 0.00	33.60 0.15 0.00	34.34 0.01 0.00	28.52 0.13 5.06	26.97 0.01 8.81	29.48 -0.36 5.08	36.35 -0.25 0.00	34.86 -0.46 0.00	27.74 -0.60 7.42	35.54 -0.66 0.00	34.68 -0.87 0.00	33.81 -0.17 0.00	34.22 0.30 0.00	32.01 -0.03 0.00	27.73 -0.36 0.00
CHATEAUG_WT_PWR 323614	25.39 1.10 0.00	24.11 1.09 0.00	21.02 0.72 0.00	23.92 0.78 0.00	23.48 0.84 0.00	26.71 0.92 0.00	28.75 1.09 0.00	33.28 1.10 0.00	36.72 1.28 0.00	36.03 1.24 0.00	34.40 0.95 0.00	35.27 0.93 0.00	30.18 1.18 4.44	29.03 0.99 7.73	30.84 0.38 4.46	37.10 0.50 0.00	35.59 0.27 0.00	29.24 -0.02 6.51	35.99 -0.21 0.00	34.84 -0.71 0.00	34.63 0.65 0.00	35.27 1.35 0.00	32.65 0.61 0.00	28.11 0.02 0.00
CHAT_HIGH_FALL_HYD 323578	24.69 0.41 0.00	23.42 0.41 0.00	20.51 0.22 0.00	23.37 0.24 0.00	22.87 0.24 0.00	26.03 0.24 0.00	27.96 0.30 0.00	32.45 0.28 0.00	35.74 0.29 0.00	35.11 0.32 0.00	33.60 0.15 0.00	34.34 0.01 0.00	28.52 0.13 5.06	26.97 0.01 8.81	29.48 -0.36 5.08	36.35 -0.25 0.00	34.86 -0.46 0.00	27.74 -0.60 7.42	35.54 -0.66 0.00	34.68 -0.87 0.00	33.81 -0.17 0.00	34.22 0.30 0.00	32.01 -0.03 0.00	27.73 -0.36 0.00
CHAUTAUQUA___LFGE 323629	23.92 -0.37 0.00	22.18 -0.84 0.00	19.62 -0.68 0.00	22.64 -0.49 0.00	22.00 -0.64 0.00	25.44 -0.34 0.00	27.16 -0.50 0.00	31.39 -0.79 0.00	35.01 -0.44 0.00	34.77 -0.02 0.00	33.68 0.24 0.00	35.01 0.68 0.00	33.91 0.46 0.00	36.57 0.80 0.00	35.36 0.44 0.00	37.19 0.59 -0.01	35.76 0.45 0.00	36.44 0.68 0.00	36.78 0.59 0.00	35.64 0.09 0.00	33.82 -0.16 0.00	33.93 0.00 0.00	32.13 0.09 0.00	28.13 0.04 0.00
CHERRYST_13_KV_LD 356241	25.86 1.58 0.00	24.50 1.48 0.00	21.52 1.22 0.00	24.48 1.35 0.00	24.01 1.37 0.00	27.37 1.59 0.00	29.55 1.89 0.00	34.50 2.33 0.00	38.10 2.66 0.00	37.34 2.55 0.00	36.05 2.61 0.00	37.17 2.84 0.00	36.34 2.90 0.00	38.87 3.10 0.00	38.18 3.25 0.00	40.06 3.46 0.00	38.67 3.35 0.00	39.11 3.35 0.00	39.35 3.16 0.00	38.53 2.98 0.00	36.71 2.73 0.00	36.57 2.66 0.00	34.33 2.29 0.00	30.15 2.06 0.00

CHESTROR_138KV_BK263 355645	25.23 0.95 0.00	23.91 0.89 0.00	21.03 0.73 0.00	23.95 0.82 0.00	23.48 0.84 0.00	26.77 0.98 0.00	28.81 1.15 0.00	33.61 1.43 0.00	37.09 1.64 0.00	36.36 1.57 0.00	35.05 1.61 0.00	36.14 1.81 0.00	35.29 1.84 0.00	37.72 1.95 0.00	37.03 2.10 0.00	38.79 2.19 0.00	37.52 2.20 0.00	38.02 2.26 0.00	38.34 2.15 0.00	37.55 2.00 0.00	35.85 1.87 0.00	35.70 1.78 0.00	33.53 1.49 0.00	29.43 1.34 0.00
CH_MIDHUDSON___DRP 24192	25.47 1.18 0.00	24.14 1.12 0.00	21.21 0.91 0.00	24.16 1.03 0.00	23.68 1.04 0.00	26.98 1.20 0.00	29.08 1.42 0.00	33.95 1.78 0.00	37.49 2.04 0.00	36.71 1.93 0.00	35.37 1.92 0.00	36.47 2.14 0.00	35.60 2.16 0.00	38.06 2.28 0.00	37.36 2.44 0.00	39.17 2.57 0.00	37.88 2.56 0.00	38.38 2.62 0.00	38.68 2.49 0.00	37.90 2.36 0.00	36.19 2.21 0.00	35.99 2.08 0.00	33.77 1.73 0.00	29.65 1.57 0.00
CH_MISC_IPPS 23765	25.62 1.34 0.00	24.28 1.26 0.00	21.34 1.04 0.00	24.30 1.16 0.00	23.81 1.17 0.00	27.14 1.36 0.00	29.25 1.59 0.00	34.18 2.01 0.00	37.75 2.30 0.00	37.00 2.21 0.00	35.66 2.22 0.00	36.78 2.45 0.00	35.89 2.45 0.00	38.38 2.61 0.00	37.69 2.76 0.00	39.53 2.93 0.00	38.25 2.93 0.00	38.77 3.01 0.00	39.08 2.88 0.00	38.25 2.70 0.00	36.51 2.52 0.00	36.31 2.39 0.00	34.06 2.02 0.00	29.88 1.79 0.00
CH_RES_BVR_FALLS 23983	24.10 -0.19 0.00	22.77 -0.24 0.00	20.04 -0.26 0.00	22.80 -0.33 0.00	22.26 -0.37 0.00	25.36 -0.43 0.00	27.22 -0.44 0.00	31.72 -0.45 0.00	34.86 -0.58 0.00	34.32 -0.46 0.00	32.94 -0.50 0.00	33.70 -0.63 0.00	31.19 -0.90 1.35	32.41 -1.01 2.36	32.67 -0.90 1.36	35.87 -0.73 0.00	34.52 -0.80 0.00	32.72 -1.05 1.98	35.53 -0.67 0.00	34.89 -0.66 0.00	33.29 -0.69 0.00	33.34 -0.58 0.00	31.50 -0.54 0.00	27.52 -0.57 0.00
CH_RES_NIAGARA 23895	22.76 -1.53 0.00	21.42 -1.59 0.00	18.91 -1.38 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.46 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.49 0.00	31.29 -2.16 0.00	32.46 -1.87 0.00	31.62 -1.82 0.00	34.17 -1.60 0.00	32.87 -2.06 0.00	34.37 -2.23 0.00	33.22 -2.09 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.47 -2.43 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
CH_RES_SYRACUSE 23985	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.47 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.66 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00
CLINTON_WT_PWR 323605	25.39 1.10 0.00	24.11 1.09 0.00	21.02 0.72 0.00	23.92 0.78 0.00	23.48 0.84 0.00	26.71 0.92 0.00	28.75 1.09 0.00	33.28 1.10 0.00	36.72 1.28 0.00	36.03 1.24 0.00	34.40 0.95 0.00	35.27 0.93 0.00	30.18 1.18 4.44	29.03 0.99 7.73	30.84 0.38 4.46	37.10 0.50 0.00	35.59 0.27 0.00	29.24 -0.02 6.51	35.99 -0.21 0.00	34.84 -0.71 0.00	34.63 0.65 0.00	35.27 1.35 0.00	32.65 0.61 0.00	28.11 0.02 0.00
CLINTON___LFGE 323618	25.51 1.23 0.00	24.26 1.24 0.00	21.16 0.86 0.00	24.06 0.92 0.00	23.59 0.96 0.00	26.87 1.08 0.00	28.91 1.25 0.00	33.48 1.30 0.00	36.94 1.49 0.00	36.20 1.42 0.00	34.57 1.12 0.00	35.44 1.11 0.00	30.29 1.38 4.54	29.11 1.24 7.90	30.99 0.62 4.56	37.30 0.70 0.00	35.77 0.46 0.00	29.29 0.19 6.66	36.23 0.04 0.00	35.17 -0.38 0.00	34.70 0.72 0.00	35.44 1.52 0.00	32.99 0.95 0.00	28.44 0.35 0.00
COBBLENY_34_KV_TB1 80064	23.88 -0.40 0.00	22.41 -0.61 0.00	19.72 -0.58 0.00	22.60 -0.53 0.00	22.01 -0.63 0.00	25.36 -0.43 0.00	27.02 -0.64 0.00	31.12 -1.06 0.00	34.57 -0.87 0.00	34.27 -0.52 0.00	33.15 -0.29 0.00	34.43 0.10 0.00	33.53 0.08 0.00	36.18 0.41 0.00	34.92 -0.01 0.00	36.62 0.01 0.00	35.32 0.00 0.00	35.98 0.22 0.00	36.39 0.19 0.00	35.22 -0.33 0.00	33.52 -0.47 0.00	33.55 -0.37 0.00	31.68 -0.36 0.00	27.82 -0.26 0.00
COFFEEN___115KV_TB3 355620	24.60 0.31 0.00	23.09 0.07 0.00	20.30 0.00 0.00	23.16 0.03 0.00	22.65 0.01 0.00	25.84 0.06 0.00	27.76 0.10 0.00	32.29 0.12 0.00	35.93 0.48 0.00	35.72 0.93 0.00	33.84 0.39 0.00	34.37 0.04 0.00	6.69 -1.10 25.65	-10.08 -1.19 44.67	8.40 -0.75 25.78	36.69 0.09 0.00	35.84 0.52 0.00	-2.06 -0.20 37.62	37.05 0.85 0.00	36.84 1.29 0.00	35.28 1.30 0.00	35.05 1.14 0.00	32.43 0.39 0.00	28.06 -0.03 0.00
COLDSPRG_115KV_BK1 355956	24.52 0.24 0.00	22.69 -0.32 0.00	20.13 -0.17 0.00	23.18 0.05 0.00	22.50 -0.14 0.00	26.08 0.30 0.00	27.92 0.26 0.00	32.38 0.21 0.00	36.18 0.73 0.00	36.02 1.24 0.00	34.90 1.46 0.00	36.17 1.84 0.00	34.95 1.51 0.00	37.64 1.87 0.00	36.49 1.56 0.00	38.35 1.75 0.00	36.85 1.53 0.00	37.52 1.76 0.00	37.75 1.55 0.00	36.52 0.97 0.00	34.69 0.70 0.00	34.76 0.84 0.00	32.98 0.94 0.00	28.85 0.76 0.00
COLONIE_LFGE___ 323577	25.15 0.86 0.00	23.93 0.91 0.00	21.09 0.79 0.00	24.04 0.91 0.00	23.55 0.91 0.00	26.80 1.02 0.00	28.83 1.17 0.00	33.49 1.32 0.00	36.81 1.36 0.00	35.98 1.20 0.00	34.48 1.04 0.00	35.45 1.12 0.00	34.51 1.06 0.00	36.84 1.07 0.00	36.09 1.17 0.00	37.71 1.11 0.00	36.50 1.19 0.00	37.00 1.25 0.00	37.43 1.24 0.00	36.98 1.43 0.00	35.45 1.47 0.00	35.20 1.29 0.00	33.08 1.05 0.00	29.07 0.98 0.00
COOPERNY_115KV_TB1 80082	24.98 0.69 0.00	23.67 0.65 0.00	20.83 0.54 0.00	23.74 0.61 0.00	23.25 0.62 0.00	26.51 0.72 0.00	28.49 0.82 0.00	33.19 1.02 0.00	36.64 1.19 0.00	35.94 1.15 0.00	34.65 1.20 0.00	35.71 1.38 0.00	34.84 1.39 0.00	37.25 1.48 0.00	36.52 1.59 0.00	38.27 1.67 0.00	37.00 1.68 0.00	37.48 1.73 0.00	37.80 1.61 0.00	37.04 1.49 0.00	35.36 1.39 0.00	35.25 1.34 0.00	33.15 1.11 0.00	29.08 1.00 0.00
COPENHAGEN_WT_PWR 323753	24.29 0.01 0.00	22.79 -0.22 0.00	20.05 -0.25 0.00	22.88 -0.25 0.00	22.37 -0.27 0.00	25.48 -0.30 0.00	27.37 -0.30 0.00	31.86 -0.31 0.00	35.44 -0.01 0.00	35.31 0.52 0.00	33.53 0.09 0.00	34.01 -0.33 0.00	7.26 -1.59 24.59	-8.78 -1.74 42.81	9.02 -1.21 24.70	36.30 -0.30 0.00	35.38 0.07 0.00	-1.28 -0.98 36.06	36.49 0.30 0.00	36.25 0.69 0.00	34.69 0.72 0.00	34.44 0.52 0.00	31.81 -0.23 0.00	27.53 -0.56 0.00
CORNELL_____ 23752	24.49 0.21 0.00	23.13 0.11 0.00	20.40 0.10 0.00	23.25 0.12 0.00	22.72 0.08 0.00	25.98 0.19 0.00	27.84 0.18 0.00	32.38 0.21 0.00	35.82 0.37 0.00	35.24 0.46 0.00	33.99 0.54 0.00	35.04 0.70 0.00	33.98 0.54 0.00	36.44 0.66 0.00	35.64 0.71 0.00	37.46 0.86 0.00	36.18 0.87 0.00	36.77 1.01 0.00	37.31 1.12 0.00	36.49 0.94 0.00	34.78 0.80 0.00	34.62 0.70 0.00	32.60 0.56 0.00	28.47 0.38 0.00

CORONA__69_KV_TB1 355595	25.94 1.65 0.00	24.60 1.58 0.00	21.54 1.24 0.00	24.53 1.40 0.00	24.06 1.43 0.00	27.44 1.66 0.00	29.50 1.84 0.00	33.97 2.07 0.27	37.17 2.30 0.58	36.99 2.21 0.00	35.78 2.34 0.00	36.97 2.64 0.00	36.20 2.75 0.00	38.67 2.90 0.00	38.23 3.30 0.00	40.05 3.46 0.00	38.61 3.30 0.00	39.16 3.40 0.00	39.37 3.18 0.00	38.51 2.96 0.00	36.71 2.73 0.00	36.60 2.68 0.00	34.44 2.40 0.00	30.33 2.25 0.00
CORTLAND__115KV_TB3 80093	24.36 0.07 0.00	23.01 -0.01 0.00	20.30 0.00 0.00	23.14 0.01 0.00	22.63 -0.01 0.00	25.85 0.07 0.00	27.71 0.05 0.00	32.22 0.05 0.00	35.63 0.18 0.00	35.02 0.23 0.00	33.79 0.34 0.00	34.86 0.53 0.00	33.81 0.37 0.00	36.20 0.43 0.00	35.34 0.42 0.00	37.24 0.64 0.00	35.87 0.55 0.00	36.42 0.67 0.00	36.98 0.79 0.00	36.21 0.66 0.00	34.57 0.59 0.00	34.41 0.49 0.00	32.36 0.32 0.00	28.29 0.20 0.00
COXSACKIE__GT 23611	25.92 1.63 0.00	24.59 1.58 0.00	21.70 1.40 0.00	24.73 1.59 0.00	24.22 1.58 0.00	27.59 1.80 0.00	29.73 2.07 0.00	34.59 2.41 0.00	38.10 2.64 0.00	37.24 2.45 0.00	35.67 2.22 0.00	36.60 2.27 0.00	35.32 1.88 0.00	37.89 2.12 0.00	37.08 2.16 0.00	38.53 1.93 0.00	37.44 2.13 0.00	38.45 2.69 0.00	39.12 2.93 0.00	38.55 3.00 0.00	37.10 3.13 0.00	36.76 2.84 0.00	34.38 2.34 0.00	30.04 1.95 0.00
CPV__VALLEY__CC1 323721	25.02 0.74 0.00	23.73 0.71 0.00	20.88 0.58 0.00	23.78 0.65 0.00	23.31 0.67 0.00	26.57 0.78 0.00	28.57 0.91 0.00	33.32 1.15 0.00	36.76 1.31 0.00	36.04 1.25 0.00	34.75 1.31 0.00	35.82 1.49 0.00	34.97 1.53 0.00	37.38 1.61 0.00	36.69 1.76 0.00	38.43 1.83 0.00	37.14 1.83 0.00	37.63 1.87 0.00	37.95 1.75 0.00	37.18 1.63 0.00	35.50 1.52 0.00	35.36 1.45 0.00	33.23 1.19 0.00	29.17 1.08 0.00
CPV__VALLEY__CC2 323722	25.02 0.74 0.00	23.73 0.71 0.00	20.88 0.58 0.00	23.78 0.65 0.00	23.31 0.67 0.00	26.57 0.78 0.00	28.57 0.91 0.00	33.32 1.15 0.00	36.76 1.31 0.00	36.04 1.25 0.00	34.75 1.31 0.00	35.82 1.49 0.00	34.97 1.53 0.00	37.38 1.61 0.00	36.69 1.76 0.00	38.43 1.83 0.00	37.14 1.83 0.00	37.63 1.87 0.00	37.95 1.75 0.00	37.18 1.63 0.00	35.50 1.52 0.00	35.36 1.45 0.00	33.23 1.19 0.00	29.17 1.08 0.00
CRESCENT__HYD 24018	25.15 0.86 0.00	23.93 0.91 0.00	21.09 0.79 0.00	24.04 0.91 0.00	23.55 0.91 0.00	26.80 1.02 0.00	28.83 1.17 0.00	33.49 1.32 0.00	36.81 1.36 0.00	35.98 1.20 0.00	34.48 1.04 0.00	35.45 1.12 0.00	34.51 1.06 0.00	36.84 1.07 0.00	36.09 1.17 0.00	37.71 1.11 0.00	36.50 1.19 0.00	37.00 1.25 0.00	37.43 1.24 0.00	36.98 1.43 0.00	35.45 1.47 0.00	35.20 1.29 0.00	33.08 1.05 0.00	29.07 0.98 0.00
CRICKET__VALLEY_CC1 323756	25.16 0.88 0.00	23.88 0.87 0.00	20.97 0.67 0.00	23.90 0.77 0.00	23.42 0.78 0.00	26.67 0.88 0.00	28.76 1.10 0.00	33.58 1.40 0.00	37.04 1.59 0.00	36.19 1.40 0.00	34.80 1.36 0.00	35.87 1.54 0.00	35.00 1.56 0.00	37.35 1.58 0.00	36.69 1.77 0.00	38.43 1.83 0.00	37.14 1.82 0.00	37.60 1.84 0.00	37.90 1.70 0.00	37.21 1.67 0.00	35.61 1.63 0.00	35.42 1.50 0.00	33.24 1.19 0.00	29.22 1.13 0.00
CRICKET__VALLEY_CC2 323757	25.16 0.88 0.00	23.88 0.87 0.00	20.97 0.67 0.00	23.90 0.77 0.00	23.42 0.78 0.00	26.67 0.88 0.00	28.76 1.10 0.00	33.58 1.40 0.00	37.04 1.59 0.00	36.19 1.40 0.00	34.80 1.36 0.00	35.87 1.54 0.00	35.00 1.56 0.00	37.35 1.58 0.00	36.69 1.77 0.00	38.43 1.83 0.00	37.14 1.82 0.00	37.60 1.84 0.00	37.90 1.70 0.00	37.21 1.67 0.00	35.61 1.63 0.00	35.42 1.50 0.00	33.24 1.19 0.00	29.22 1.13 0.00
CRICKET__VALLEY_CC3 323758	25.16 0.88 0.00	23.88 0.87 0.00	20.97 0.67 0.00	23.90 0.77 0.00	23.42 0.78 0.00	26.67 0.88 0.00	28.76 1.10 0.00	33.58 1.40 0.00	37.04 1.59 0.00	36.19 1.40 0.00	34.80 1.36 0.00	35.87 1.54 0.00	35.00 1.56 0.00	37.35 1.58 0.00	36.69 1.77 0.00	38.43 1.83 0.00	37.14 1.82 0.00	37.60 1.84 0.00	37.90 1.70 0.00	37.21 1.67 0.00	35.61 1.63 0.00	35.42 1.50 0.00	33.24 1.19 0.00	29.22 1.13 0.00
CRUCIBLE__METL_DRP 24180	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.46 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.67 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00
DAHOWA__HYDRO 323763	25.71 1.43 0.00	24.41 1.40 0.00	21.48 1.18 0.00	24.48 1.35 0.00	23.99 1.35 0.00	27.32 1.54 0.00	29.49 1.83 0.00	34.23 2.06 0.00	37.63 2.18 0.00	36.72 1.93 0.00	35.06 1.61 0.00	36.05 1.71 0.00	35.02 1.58 0.00	37.32 1.55 0.00	36.59 1.66 0.00	38.40 1.80 0.00	37.26 1.94 0.00	37.83 2.07 0.00	38.47 2.28 0.00	38.04 2.49 0.00	36.60 2.62 0.00	36.29 2.38 0.00	34.04 2.00 0.00	29.84 1.75 0.00
DANC__LFGE 323619	23.97 -0.31 0.00	22.56 -0.46 0.00	19.88 -0.42 0.00	22.69 -0.44 0.00	22.18 -0.45 0.00	25.29 -0.50 0.00	27.12 -0.55 0.00	31.61 -0.56 0.00	35.05 -0.40 0.00	34.78 0.00 0.00	33.14 -0.30 0.00	33.71 -0.62 0.00	13.14 -1.55 18.75	1.50 -1.63 32.64	14.85 -1.24 18.84	36.01 -0.59 0.00	35.04 -0.28 0.00	7.28 -0.99 27.49	36.10 -0.10 0.00	35.67 0.12 0.00	34.11 0.13 0.00	33.93 0.01 0.00	31.58 -0.46 0.00	27.46 -0.63 0.00
DANSKAMMER__1 23586	25.62 1.34 0.00	24.28 1.26 0.00	21.34 1.04 0.00	24.30 1.16 0.00	23.81 1.17 0.00	27.14 1.36 0.00	29.25 1.59 0.00	34.18 2.01 0.00	37.75 2.30 0.00	37.00 2.21 0.00	35.66 2.22 0.00	36.78 2.45 0.00	35.89 2.45 0.00	38.38 2.61 0.00	37.69 2.76 0.00	39.53 2.93 0.00	38.25 2.93 0.00	38.77 3.01 0.00	39.08 2.88 0.00	38.25 2.70 0.00	36.51 2.52 0.00	36.31 2.39 0.00	34.06 2.02 0.00	29.88 1.79 0.00
DANSKAMMER__2 23589	25.62 1.34 0.00	24.28 1.26 0.00	21.34 1.04 0.00	24.30 1.16 0.00	23.81 1.17 0.00	27.14 1.36 0.00	29.25 1.59 0.00	34.18 2.01 0.00	37.75 2.30 0.00	37.00 2.21 0.00	35.66 2.22 0.00	36.78 2.45 0.00	35.89 2.45 0.00	38.38 2.61 0.00	37.69 2.76 0.00	39.53 2.93 0.00	38.25 2.93 0.00	38.77 3.01 0.00	39.08 2.88 0.00	38.25 2.70 0.00	36.51 2.52 0.00	36.31 2.39 0.00	34.06 2.02 0.00	29.88 1.79 0.00
DANSKAMMER__3 23590	25.62 1.34 0.00	24.28 1.26 0.00	21.34 1.04 0.00	24.30 1.16 0.00	23.81 1.17 0.00	27.14 1.36 0.00	29.25 1.59 0.00	34.18 2.01 0.00	37.75 2.30 0.00	37.00 2.21 0.00	35.66 2.22 0.00	36.78 2.45 0.00	35.89 2.45 0.00	38.38 2.61 0.00	37.69 2.76 0.00	39.53 2.93 0.00	38.25 2.93 0.00	38.77 3.01 0.00	39.08 2.88 0.00	38.25 2.70 0.00	36.51 2.52 0.00	36.31 2.39 0.00	34.06 2.02 0.00	29.88 1.79 0.00

DANSKAMMER___4 23591	25.62 1.34 0.00	24.28 1.26 0.00	21.34 1.04 0.00	24.30 1.16 0.00	23.81 1.17 0.00	27.14 1.36 0.00	29.25 1.59 0.00	34.18 2.01 0.00	37.75 2.30 0.00	37.00 2.21 0.00	35.66 2.22 0.00	36.78 2.45 0.00	35.89 2.45 0.00	38.38 2.61 0.00	37.69 2.76 0.00	39.53 2.93 0.00	38.25 2.93 0.00	38.77 3.01 0.00	39.08 2.88 0.00	38.25 2.70 0.00	36.51 2.52 0.00	36.31 2.39 0.00	34.06 2.02 0.00	29.88 1.79 0.00
DANSKAMMER___DIESEL 23592	25.62 1.34 0.00	24.28 1.26 0.00	21.34 1.04 0.00	24.30 1.16 0.00	23.81 1.17 0.00	27.14 1.36 0.00	29.25 1.59 0.00	34.18 2.00 0.00	37.75 2.30 0.00	37.00 2.21 0.00	35.66 2.22 0.00	36.78 2.45 0.00	35.89 2.45 0.00	38.38 2.61 0.00	37.68 2.75 0.00	39.53 2.93 0.00	38.25 2.93 0.00	38.77 3.01 0.00	39.07 2.88 0.00	38.25 2.70 0.00	36.50 2.52 0.00	36.31 2.39 0.00	34.05 2.02 0.00	29.88 1.79 0.00
DARBY___SOLAR 323810	25.60 1.31 0.00	24.30 1.29 0.00	21.39 1.09 0.00	24.37 1.24 0.00	23.88 1.24 0.00	27.21 1.42 0.00	29.33 1.67 0.00	34.06 1.89 0.00	37.45 2.00 0.00	36.55 1.77 0.00	34.92 1.48 0.00	35.90 1.57 0.00	34.87 1.43 0.00	37.16 1.39 0.00	36.45 1.52 0.00	38.23 1.63 0.00	37.09 1.78 0.00	37.65 1.89 0.00	38.27 2.08 0.00	37.83 2.28 0.00	36.37 2.39 0.00	36.09 2.17 0.00	33.85 1.81 0.00	29.69 1.60 0.00
DASHVILLE___HYD 23610	25.38 1.10 0.00	24.04 1.02 0.00	21.13 0.83 0.00	24.07 0.94 0.00	23.59 0.95 0.00	26.88 1.09 0.00	28.96 1.30 0.00	33.86 1.68 0.00	37.40 1.95 0.00	36.66 1.87 0.00	35.36 1.91 0.00	36.48 2.15 0.00	35.64 2.20 0.00	38.09 2.32 0.00	37.39 2.46 0.00	39.21 2.61 0.00	37.92 2.60 0.00	38.45 2.69 0.00	38.71 2.52 0.00	37.88 2.33 0.00	36.11 2.13 0.00	35.75 1.83 0.00	33.54 1.50 0.00	29.43 1.34 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	26.13 1.85 0.00	24.86 1.84 0.00	21.77 1.47 0.00	24.93 1.80 0.00	24.47 1.84 0.00	27.85 2.07 0.00	29.99 2.33 0.00	32.49 2.24 1.92	33.94 2.57 4.08	37.53 2.74 0.00	36.51 3.07 0.00	37.82 3.48 0.00	37.09 3.65 0.00	39.55 3.77 0.00	39.00 4.07 0.00	40.86 4.26 0.00	39.54 4.22 0.00	40.21 4.45 0.00	40.55 4.35 0.00	39.64 4.09 0.00	37.86 3.88 0.00	37.54 3.62 0.00	35.10 3.06 0.00	30.88 2.79 0.00
DELAWARE___LFGE 323621	24.78 0.50 0.00	23.45 0.43 0.00	20.68 0.38 0.00	23.58 0.45 0.00	23.07 0.44 0.00	26.33 0.54 0.00	28.23 0.57 0.00	32.82 0.65 0.00	36.27 0.82 0.00	35.61 0.82 0.00	34.31 0.87 0.00	35.35 1.02 0.00	34.40 0.96 0.00	36.84 1.07 0.00	36.04 1.12 0.00	37.80 1.20 0.00	36.50 1.18 0.00	36.98 1.23 0.00	37.41 1.22 0.00	36.65 1.10 0.00	34.98 1.00 0.00	34.85 0.93 0.00	32.84 0.80 0.00	28.75 0.66 0.00
DERFIELD_115KV_TB7 355931	24.33 0.04 0.00	23.06 0.05 0.00	20.34 0.04 0.00	23.18 0.05 0.00	22.68 0.05 0.00	25.84 0.06 0.00	27.74 0.08 0.00	32.25 0.08 0.00	35.55 0.11 0.00	34.87 0.08 0.00	33.55 0.10 0.00	34.47 0.14 0.00	36.00 0.13 -2.43	40.13 0.13 -4.23	37.54 0.17 -2.44	36.78 0.18 0.00	35.53 0.21 0.00	39.54 0.22 -3.56	36.42 0.23 0.00	35.80 0.24 0.00	34.21 0.23 0.00	34.09 0.17 0.00	32.13 0.09 0.00	28.17 0.08 0.00
DOGLEVILLE___HYD 23807	24.62 0.34 0.00	23.34 0.32 0.00	20.57 0.27 0.00	23.40 0.27 0.00	22.94 0.30 0.00	26.25 0.46 0.00	28.27 0.61 0.00	32.83 0.66 0.00	36.22 0.77 0.00	35.39 0.60 0.00	33.92 0.47 0.00	34.55 0.22 0.00	36.24 0.37 -2.43	40.51 0.52 -4.23	38.08 0.71 -2.44	37.33 0.73 0.00	36.11 0.79 0.00	40.26 0.94 -3.56	37.20 1.01 0.00	36.69 1.14 0.00	35.28 1.31 0.00	35.00 1.09 0.00	32.79 0.74 0.00	28.73 0.64 0.00
DUNKIRK___115KV_TB_200 55889	23.90 -0.39 0.00	22.20 -0.82 0.00	19.61 -0.68 0.00	22.62 -0.51 0.00	21.98 -0.65 0.00	25.42 -0.37 0.00	27.13 -0.54 0.00	31.34 -0.83 0.00	34.94 -0.51 0.00	34.69 -0.10 0.00	33.60 0.16 0.00	34.93 0.59 0.00	33.86 0.41 0.00	36.52 0.74 0.00	35.33 0.40 0.00	37.10 0.50 -0.01	35.70 0.38 0.00	36.37 0.61 0.00	36.71 0.52 0.00	35.58 0.02 0.00	33.78 -0.21 0.00	33.87 -0.05 0.00	32.05 0.01 0.00	28.07 -0.02 0.00
DUNKIRK___1 23563	23.90 -0.39 0.00	22.20 -0.82 0.00	19.61 -0.68 0.00	22.62 -0.51 0.00	21.98 -0.65 0.00	25.42 -0.37 0.00	27.13 -0.54 0.00	31.34 -0.83 0.00	34.94 -0.51 0.00	34.69 -0.10 0.00	33.60 0.16 0.00	34.93 0.59 0.00	33.86 0.41 0.00	36.52 0.74 0.00	35.33 0.40 0.00	37.10 0.50 -0.01	35.70 0.38 0.00	36.37 0.61 0.00	36.71 0.52 0.00	35.58 0.02 0.00	33.78 -0.21 0.00	33.87 -0.05 0.00	32.05 0.01 0.00	28.07 -0.02 0.00
DUNKIRK___2 23564	23.90 -0.39 0.00	22.20 -0.82 0.00	19.61 -0.68 0.00	22.62 -0.51 0.00	21.98 -0.65 0.00	25.42 -0.37 0.00	27.13 -0.54 0.00	31.34 -0.83 0.00	34.94 -0.51 0.00	34.69 -0.10 0.00	33.60 0.16 0.00	34.93 0.59 0.00	33.86 0.41 0.00	36.52 0.74 0.00	35.33 0.40 0.00	37.10 0.50 -0.01	35.70 0.38 0.00	36.37 0.61 0.00	36.71 0.52 0.00	35.58 0.02 0.00	33.78 -0.21 0.00	33.87 -0.05 0.00	32.05 0.01 0.00	28.07 -0.02 0.00
DUNKIRK___3 23565	23.80 -0.48 0.00	22.20 -0.82 0.00	19.59 -0.71 0.00	22.54 -0.60 0.00	21.92 -0.72 0.00	25.32 -0.46 0.00	27.00 -0.66 0.00	31.16 -1.01 0.00	34.71 -0.74 0.00	34.42 -0.36 0.00	33.33 -0.12 0.00	34.63 0.29 0.00	33.61 0.17 0.00	36.25 0.48 0.00	35.03 0.10 0.00	36.77 0.17 -0.01	35.40 0.08 0.00	36.08 0.32 0.00	36.43 0.24 0.00	35.29 -0.26 0.00	33.55 -0.43 0.00	33.61 -0.31 0.00	31.81 -0.23 0.00	27.87 -0.22 0.00
DUNKIRK___4 23566	23.80 -0.48 0.00	22.20 -0.82 0.00	19.59 -0.71 0.00	22.54 -0.60 0.00	21.92 -0.72 0.00	25.32 -0.46 0.00	27.00 -0.66 0.00	31.16 -1.01 0.00	34.71 -0.74 0.00	34.42 -0.36 0.00	33.33 -0.12 0.00	34.63 0.29 0.00	33.61 0.17 0.00	36.25 0.48 0.00	35.03 0.10 0.00	36.77 0.17 -0.01	35.40 0.08 0.00	36.08 0.32 0.00	36.43 0.24 0.00	35.29 -0.26 0.00	33.55 -0.43 0.00	33.61 -0.31 0.00	31.81 -0.23 0.00	27.87 -0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.62 1.34 0.00	24.29 1.27 0.00	21.33 1.03 0.00	24.28 1.15 0.00	23.80 1.16 0.00	27.14 1.36 0.00	29.26 1.60 0.00	34.15 1.97 0.00	37.69 2.23 0.00	36.92 2.13 0.00	35.62 2.17 0.00	36.72 2.39 0.00	35.88 2.44 0.00	38.37 2.60 0.00	37.68 2.76 0.00	39.51 2.90 0.00	38.17 2.86 0.00	38.63 2.87 0.00	38.91 2.72 0.00	38.10 2.55 0.00	36.36 2.38 0.00	36.21 2.29 0.00	34.01 1.97 0.00	29.88 1.79 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.41 1.12 0.00	24.07 1.05 0.00	21.17 0.87 0.00	24.10 0.97 0.00	23.62 0.98 0.00	26.93 1.15 0.00	29.00 1.33 0.00	33.86 1.68 0.00	37.38 1.94 0.00	36.66 1.87 0.00	35.34 1.89 0.00	36.45 2.12 0.00	35.58 2.14 0.00	38.04 2.27 0.00	37.34 2.41 0.00	39.15 2.55 0.00	37.87 2.56 0.00	38.40 2.64 0.00	38.70 2.51 0.00	37.89 2.34 0.00	36.16 2.18 0.00	35.98 2.06 0.00	33.77 1.73 0.00	29.63 1.54 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	25.74 1.46 0.00	24.39 1.38 0.00	21.41 1.12 0.00	24.38 1.24 0.00	23.92 1.28 0.00	27.25 1.47 0.00	29.42 1.76 0.00	34.28 2.11 0.00	37.77 2.32 0.00	36.96 2.17 0.00	35.69 2.25 0.00	36.80 2.47 0.00	35.97 2.52 0.00	38.44 2.67 0.00	37.75 2.83 0.00	39.61 3.01 0.00	38.24 2.93 0.00	38.64 2.89 0.00	38.91 2.72 0.00	38.18 2.63 0.00	36.45 2.47 0.00	36.32 2.40 0.00	34.13 2.09 0.00	30.03 1.94 0.00
E179THST_13_KV_LOAD 356214	25.90 1.61 0.00	24.53 1.52 0.00	21.54 1.24 0.00	24.51 1.38 0.00	24.04 1.41 0.00	27.41 1.62 0.00	29.59 1.93 0.00	34.49 2.32 0.00	38.00 2.55 0.00	37.18 2.39 0.00	35.92 2.48 0.00	37.03 2.69 0.00	36.19 2.75 0.00	38.68 2.91 0.00	37.99 3.07 0.00	39.86 3.26 0.00	38.49 3.18 0.00	38.90 3.15 0.00	39.16 2.97 0.00	38.43 2.88 0.00	36.68 2.70 0.00	36.54 2.63 0.00	34.35 2.31 0.00	30.21 2.12 0.00
EAST HAMPTON___GT 23717	26.51 2.23 0.00	25.19 2.17 0.00	22.06 1.76 0.00	25.28 2.15 0.00	24.78 2.15 0.00	28.17 2.39 0.00	30.34 2.68 0.00	32.82 2.57 1.92	34.37 3.00 4.08	38.01 3.22 0.00	37.21 3.76 0.00	38.54 4.21 0.00	37.83 4.38 0.00	40.34 4.57 0.00	39.70 4.78 0.00	41.50 4.90 0.00	40.24 4.92 0.00	40.94 5.18 0.00	41.31 5.12 0.00	40.38 4.83 0.00	38.56 4.57 0.00	38.20 4.29 0.00	35.74 3.70 0.00	31.41 3.32 0.00
EAST RIVER___6 23660	25.84 1.56 0.00	24.48 1.46 0.00	21.50 1.20 0.00	24.45 1.33 0.00	23.98 1.34 0.00	27.34 1.55 0.00	29.51 1.85 0.00	34.43 2.26 0.00	38.03 2.58 0.00	37.28 2.50 0.00	36.00 2.56 0.00	37.12 2.78 0.00	36.28 2.84 0.00	38.82 3.05 0.00	38.13 3.21 0.00	40.01 3.41 0.00	38.63 3.32 0.00	39.06 3.30 0.00	39.31 3.12 0.00	38.48 2.93 0.00	36.67 2.69 0.00	36.57 2.66 0.00	34.30 2.26 0.00	30.15 2.06 0.00
EAST RIVER___7 23524	25.84 1.56 0.00	24.48 1.46 0.00	21.50 1.20 0.00	24.45 1.33 0.00	23.98 1.34 0.00	27.34 1.55 0.00	29.51 1.85 0.00	34.43 2.26 0.00	38.03 2.58 0.00	37.28 2.50 0.00	36.00 2.56 0.00	37.12 2.78 0.00	36.28 2.84 0.00	38.82 3.05 0.00	38.13 3.21 0.00	40.01 3.41 0.00	38.63 3.32 0.00	39.06 3.30 0.00	39.31 3.12 0.00	38.48 2.93 0.00	36.67 2.69 0.00	36.57 2.66 0.00	34.30 2.26 0.00	30.15 2.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.54 1.26 0.00	24.22 1.20 0.00	21.28 0.98 0.00	24.23 1.09 0.00	23.75 1.11 0.00	27.07 1.29 0.00	29.18 1.52 0.00	34.05 1.88 0.00	37.57 2.12 0.00	36.81 2.02 0.00	35.50 2.06 0.00	36.62 2.29 0.00	35.78 2.33 0.00	38.25 2.48 0.00	37.57 2.64 0.00	39.39 2.79 0.00	38.04 2.73 0.00	38.52 2.76 0.00	38.80 2.61 0.00	38.00 2.44 0.00	36.26 2.28 0.00	36.11 2.19 0.00	33.91 1.87 0.00	29.79 1.70 0.00
EAST_HAMPTON___DIESEL 23722	26.51 2.23 0.00	25.18 2.17 0.00	22.06 1.76 0.00	25.29 2.15 0.00	24.78 2.14 0.00	28.16 2.38 0.00	30.33 2.67 0.00	32.80 2.55 1.92	34.35 2.98 4.08	37.99 3.21 0.00	37.21 3.77 0.00	38.55 4.22 0.00	37.83 4.39 0.00	40.35 4.57 0.00	39.70 4.78 0.00	41.50 4.90 0.00	40.24 4.93 0.00	40.94 5.18 0.00	41.31 5.12 0.00	40.38 4.83 0.00	38.56 4.58 0.00	38.21 4.30 0.00	35.74 3.70 0.00	31.41 3.33 0.00
EAST_POINT___SOLAR 323840	25.76 1.48 0.00	24.31 1.30 0.00	21.41 1.11 0.00	24.39 1.26 0.00	23.87 1.23 0.00	27.29 1.51 0.00	29.28 1.62 0.00	33.92 1.74 0.00	37.36 1.91 0.00	36.25 1.46 0.00	34.96 1.51 0.00	35.34 1.01 0.00	34.36 0.91 0.00	36.86 1.09 0.00	36.52 1.59 0.00	38.56 1.96 0.00	37.04 1.73 0.00	37.44 1.68 0.00	38.83 2.64 0.00	38.19 2.64 0.00	36.66 2.68 0.00	36.56 2.64 0.00	34.32 2.28 0.00	29.98 1.89 0.00
EAST_PULASKI___ESR 323781	23.67 -0.61 0.00	22.34 -0.67 0.00	19.73 -0.56 0.00	22.52 -0.61 0.00	22.02 -0.62 0.00	25.11 -0.68 0.00	26.88 -0.78 0.00	31.33 -0.84 0.00	34.65 -0.80 0.00	34.20 -0.58 0.00	32.73 -0.72 0.00	33.41 -0.93 0.00	20.50 -1.44 11.51	14.30 -1.43 20.04	22.13 -1.23 11.57	35.73 -0.87 0.00	34.71 -0.61 0.00	17.90 -0.98 16.88	35.67 -0.52 0.00	35.06 -0.49 0.00	33.51 -0.47 0.00	33.37 -0.54 0.00	31.33 -0.70 0.00	27.39 -0.70 0.00
EAST_RIVER___1 323558	25.77 1.49 0.00	24.42 1.40 0.00	21.45 1.15 0.00	24.40 1.27 0.00	23.93 1.29 0.00	27.27 1.49 0.00	29.43 1.77 0.00	34.35 2.18 0.00	37.92 2.47 0.00	37.16 2.37 0.00	35.87 2.42 0.00	36.99 2.65 0.00	36.15 2.71 0.00	38.67 2.89 0.00	37.99 3.06 0.00	39.85 3.25 0.00	38.47 3.15 0.00	38.91 3.16 0.00	39.17 2.98 0.00	38.36 2.81 0.00	36.57 2.59 0.00	36.44 2.52 0.00	34.20 2.16 0.00	30.05 1.97 0.00
EAST_RIVER___2 323559	25.84 1.56 0.00	24.48 1.46 0.00	21.50 1.20 0.00	24.45 1.33 0.00	23.98 1.34 0.00	27.34 1.55 0.00	29.51 1.85 0.00	34.43 2.26 0.00	38.03 2.58 0.00	37.28 2.50 0.00	36.00 2.56 0.00	37.12 2.78 0.00	36.28 2.84 0.00	38.82 3.05 0.00	38.13 3.21 0.00	40.01 3.41 0.00	38.63 3.32 0.00	39.06 3.30 0.00	39.31 3.12 0.00	38.48 2.93 0.00	36.67 2.69 0.00	36.57 2.66 0.00	34.30 2.26 0.00	30.15 2.06 0.00
EAST___DELAWARE_HYD 23607	24.78 0.50 0.00	23.45 0.43 0.00	20.61 0.31 0.00	23.46 0.33 0.00	22.98 0.35 0.00	26.20 0.42 0.00	28.22 0.56 0.00	32.98 0.81 0.00	36.46 1.01 0.00	35.77 0.99 0.00	34.54 1.09 0.00	35.62 1.29 0.00	34.74 1.30 0.00	37.07 1.30 0.00	36.38 1.45 0.00	38.22 1.62 0.00	36.99 1.67 0.00	37.66 1.90 0.00	37.92 1.73 0.00	37.09 1.53 0.00	35.36 1.38 0.00	35.14 1.22 0.00	32.98 0.94 0.00	28.88 0.79 0.00
EIGHT_POINT___WT_PWR 323820	24.17 -0.12 0.00	22.34 -0.68 0.00	19.57 -0.73 0.00	22.31 -0.82 0.00	21.70 -0.94 0.00	25.08 -0.71 0.00	26.96 -0.70 0.00	31.46 -0.72 0.00	35.32 -0.13 0.00	34.93 0.14 0.00	33.46 0.01 0.00	34.48 0.15 0.00	33.74 0.30 0.00	36.54 0.77 0.00	35.09 0.16 0.00	36.64 0.04 0.00	35.13 -0.19 0.00	35.90 0.14 0.00	36.25 0.06 0.00	35.44 -0.11 0.00	34.02 0.05 0.00	33.67 -0.25 0.00	31.69 -0.35 0.00	27.68 -0.41 0.00
ELBRIDGE_115KV_TB2 80188	23.67 -0.61 0.00	22.39 -0.63 0.00	19.78 -0.51 0.00	22.57 -0.56 0.00	22.04 -0.60 0.00	25.15 -0.63 0.00	26.91 -0.75 0.00	31.32 -0.85 0.00	34.57 -0.88 0.00	34.06 -0.73 0.00	32.77 -0.67 0.00	33.85 -0.48 0.00	32.94 -0.51 0.00	35.36 -0.41 0.00	34.47 -0.45 0.00	36.20 -0.40 0.00	34.94 -0.37 0.00	35.49 -0.27 0.00	35.95 -0.25 0.00	35.21 -0.34 0.00	33.54 -0.44 0.00	33.37 -0.55 0.00	31.45 -0.59 0.00	27.54 -0.54 0.00
ELEC_TRO_TEK 24086	25.73 1.45 0.00	24.43 1.41 0.00	21.39 1.09 0.00	24.37 1.24 0.00	23.91 1.27 0.00	27.25 1.47 0.00	29.32 1.66 0.00	33.47 1.86 0.56	36.33 2.07 1.18	36.79 2.01 0.00	35.57 2.13 0.00	36.73 2.40 0.00	35.97 2.52 0.00	38.42 2.65 0.00	37.96 3.03 0.00	39.78 3.18 0.00	38.36 3.04 0.00	38.89 3.13 0.00	39.13 2.94 0.00	38.27 2.72 0.00	36.50 2.52 0.00	36.37 2.45 0.00	34.19 2.15 0.00	30.09 2.00 0.00

ELLENBURG_WT_PWR 323604	25.39 1.10 0.00	24.11 1.09 0.00	21.02 0.72 0.00	23.92 0.78 0.00	23.48 0.84 0.00	26.71 0.92 0.00	28.75 1.09 0.00	33.28 1.10 0.00	36.72 1.28 0.00	36.03 1.24 0.00	34.40 0.95 0.00	35.27 0.93 0.00	30.18 1.18 4.44	29.03 0.99 7.73	30.84 0.38 4.46	37.10 0.50 0.00	35.59 0.27 0.00	29.24 -0.02 6.51	35.99 -0.21 0.00	34.84 -0.71 0.00	34.63 0.65 0.00	35.27 1.35 0.00	32.65 0.61 0.00	28.11 0.02 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.64 -0.64 0.00	22.19 -0.83 0.00	19.55 -0.75 0.00	22.42 -0.72 0.00	21.82 -0.81 0.00	25.14 -0.64 0.00	26.77 -0.89 0.00	30.80 -1.38 0.00	34.19 -1.26 0.00	33.90 -0.89 0.00	32.80 -0.64 0.00	34.08 -0.26 0.00	33.17 -0.27 0.00	35.81 0.04 0.00	34.54 -0.38 0.00	36.20 -0.41 -0.01	34.91 -0.41 -0.01	35.53 -0.23 0.00	35.94 -0.26 0.00	34.80 -0.75 0.00	33.13 -0.85 0.00	33.17 -0.74 0.00	31.35 -0.69 0.00	27.58 -0.51 0.00
EMPIRE_CC_1 323656	24.70 0.42 0.00	23.54 0.52 0.00	20.82 0.53 0.00	23.74 0.61 0.00	23.24 0.61 0.00	26.41 0.62 0.00	28.33 0.67 0.00	32.93 0.76 0.00	36.17 0.72 0.00	35.35 0.57 0.00	33.88 0.43 0.00	34.87 0.53 0.00	33.95 0.51 0.00	36.25 0.48 0.00	35.56 0.63 0.00	37.09 0.49 0.00	35.87 0.55 0.00	36.34 0.58 0.00	36.69 0.50 0.00	36.22 0.66 0.00	34.71 0.73 0.00	34.48 0.56 0.00	32.42 0.38 0.00	28.56 0.47 0.00
EMPIRE_CC_2 323658	24.70 0.42 0.00	23.54 0.52 0.00	20.82 0.53 0.00	23.74 0.61 0.00	23.24 0.61 0.00	26.41 0.62 0.00	28.33 0.67 0.00	32.93 0.76 0.00	36.17 0.72 0.00	35.35 0.57 0.00	33.88 0.43 0.00	34.87 0.53 0.00	33.95 0.51 0.00	36.25 0.48 0.00	35.56 0.63 0.00	37.09 0.49 0.00	35.87 0.55 0.00	36.34 0.58 0.00	36.69 0.50 0.00	36.22 0.66 0.00	34.71 0.73 0.00	34.48 0.56 0.00	32.42 0.38 0.00	28.56 0.47 0.00
ENORWICH_115KV_TB1 80156	26.08 1.79 0.00	24.55 1.53 0.00	21.62 1.32 0.00	24.61 1.48 0.00	24.07 1.43 0.00	27.58 1.80 0.00	29.57 1.91 0.00	34.33 2.15 0.00	38.05 2.60 0.00	37.36 2.57 0.00	36.17 2.72 0.00	37.14 2.81 0.00	35.80 2.36 0.00	38.40 2.63 0.00	37.57 2.64 0.00	39.81 3.20 0.00	38.60 3.28 0.00	39.44 3.68 0.00	39.94 3.75 0.00	38.96 3.41 0.00	36.99 3.02 0.00	36.85 2.94 0.00	34.84 2.80 0.00	30.33 2.24 0.00
ERIE_ST__34_KV_TB1-2 80199	23.86 -0.43 0.00	22.38 -0.64 0.00	19.69 -0.61 0.00	22.55 -0.59 0.00	21.96 -0.68 0.00	25.30 -0.48 0.00	26.95 -0.71 0.00	31.06 -1.11 0.00	34.52 -0.93 0.00	34.25 -0.54 0.00	33.16 -0.28 0.00	34.45 0.12 0.00	33.57 0.13 0.00	36.20 0.43 0.00	34.96 0.03 0.00	36.74 0.14 0.00	35.42 0.11 0.00	36.10 0.34 0.00	36.50 0.30 0.00	35.32 -0.23 0.00	33.59 -0.39 0.00	33.61 -0.31 0.00	31.73 -0.31 0.00	27.84 -0.25 0.00
ERIE_WT_PWR 323693	23.77 -0.52 0.00	22.30 -0.72 0.00	19.63 -0.66 0.00	22.51 -0.62 0.00	21.92 -0.72 0.00	25.25 -0.53 0.00	26.88 -0.78 0.00	30.93 -1.24 0.00	34.36 -1.09 0.00	34.05 -0.73 0.00	32.94 -0.50 0.00	34.23 -0.10 0.00	33.32 -0.12 0.00	35.97 0.20 0.00	34.66 -0.27 0.00	36.38 -0.22 -0.01	35.07 -0.24 0.00	35.71 -0.05 0.00	36.13 -0.07 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.71 -0.38 0.00
ESPRGFLD_115KV_TB1 80157	25.31 1.03 0.00	23.86 0.84 0.00	21.02 0.72 0.00	23.95 0.82 0.00	23.42 0.79 0.00	26.75 0.97 0.00	28.71 1.05 0.00	33.40 1.22 0.00	36.93 1.48 0.00	36.29 1.50 0.00	35.05 1.60 0.00	35.94 1.60 0.00	34.85 1.40 0.00	37.47 1.69 0.00	36.66 1.74 0.00	38.64 2.04 0.00	37.24 1.93 0.00	37.62 1.87 0.00	38.34 2.14 0.00	37.47 1.92 0.00	35.75 1.77 0.00	35.67 1.75 0.00	33.63 1.59 0.00	29.41 1.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.46 0.17 0.00	23.09 0.08 0.00	20.37 0.07 0.00	23.22 0.09 0.00	22.69 0.06 0.00	25.94 0.15 0.00	27.79 0.14 0.00	32.33 0.16 0.00	35.75 0.30 0.00	35.17 0.39 0.00	33.92 0.47 0.00	34.97 0.64 0.00	33.91 0.47 0.00	36.36 0.59 0.00	35.54 0.61 0.00	37.38 0.78 0.00	36.11 0.80 0.00	36.69 0.93 0.00	37.23 1.03 0.00	36.42 0.86 0.00	34.71 0.73 0.00	34.55 0.63 0.00	32.54 0.50 0.00	28.42 0.33 0.00
ETNA____115KV_TB2 80207	24.46 0.17 0.00	23.09 0.08 0.00	20.37 0.07 0.00	23.22 0.09 0.00	22.69 0.06 0.00	25.94 0.15 0.00	27.79 0.14 0.00	32.33 0.16 0.00	35.75 0.30 0.00	35.17 0.39 0.00	33.92 0.47 0.00	34.97 0.64 0.00	33.91 0.47 0.00	36.36 0.59 0.00	35.54 0.61 0.00	37.38 0.78 0.00	36.11 0.80 0.00	36.69 0.93 0.00	37.23 1.03 0.00	36.42 0.86 0.00	34.71 0.73 0.00	34.55 0.63 0.00	32.54 0.50 0.00	28.42 0.33 0.00
EUCLID__115KV_TB2 356179	23.53 -0.75 0.00	22.26 -0.75 0.00	19.67 -0.63 0.00	22.45 -0.68 0.00	21.95 -0.69 0.00	25.04 -0.75 0.00	26.78 -0.88 0.00	31.09 -1.08 0.00	34.33 -1.12 0.00	33.77 -1.02 0.00	32.56 -0.88 0.00	33.56 -0.77 0.00	32.73 -0.71 0.00	35.10 -0.67 0.00	34.27 -0.66 0.00	35.93 -0.67 0.00	34.73 -0.59 0.00	35.21 -0.55 0.00	35.64 -0.55 0.00	34.95 -0.59 0.00	33.35 -0.63 0.00	33.19 -0.73 0.00	31.23 -0.81 0.00	27.36 -0.73 0.00
E_CANADA_CAP_HY 24051	25.52 1.24 0.00	24.07 1.05 0.00	21.21 0.91 0.00	24.16 1.03 0.00	23.62 0.99 0.00	27.00 1.21 0.00	28.97 1.31 0.00	33.66 1.49 0.00	37.12 1.67 0.00	36.32 1.54 0.00	35.02 1.57 0.00	35.71 1.38 0.00	34.56 1.12 0.00	37.26 1.48 0.00	36.50 1.57 0.00	38.49 1.89 0.00	37.07 1.76 0.00	37.41 1.65 0.00	38.35 2.16 0.00	37.56 2.00 0.00	35.99 2.01 0.00	35.97 2.06 0.00	33.86 1.82 0.00	29.63 1.54 0.00
E_CANADA_MHWK_HY 24050	24.62 0.34 0.00	23.34 0.32 0.00	20.57 0.27 0.00	23.40 0.27 0.00	22.94 0.30 0.00	26.25 0.46 0.00	28.27 0.61 0.00	32.83 0.66 0.00	36.22 0.77 0.00	35.39 0.60 0.00	33.92 0.47 0.00	34.55 0.22 0.00	36.24 0.37 -2.43	40.51 0.52 -4.23	38.08 0.71 -2.44	37.33 0.73 0.00	36.11 0.79 0.00	40.26 0.94 -3.56	37.20 1.01 0.00	36.69 1.14 0.00	35.28 1.31 0.00	35.00 1.09 0.00	32.79 0.74 0.00	28.73 0.64 0.00
E_FISHKILL__LBMP 23776	25.33 1.04 0.00	24.03 1.01 0.00	21.12 0.82 0.00	24.05 0.91 0.00	23.57 0.93 0.00	26.86 1.07 0.00	28.94 1.28 0.00	33.77 1.60 0.00	37.25 1.80 0.00	36.47 1.69 0.00	35.14 1.70 0.00	36.22 1.89 0.00	35.37 1.92 0.00	37.79 2.02 0.00	37.11 2.18 0.00	38.88 2.28 0.00	37.58 2.26 0.00	38.04 2.28 0.00	38.34 2.15 0.00	37.59 2.04 0.00	35.90 1.92 0.00	35.76 1.84 0.00	33.57 1.53 0.00	29.51 1.42 0.00
FALCON____SEABRD_CC1 323796	25.47 1.19 0.00	24.16 1.15 0.00	21.08 0.78 0.00	23.99 0.86 0.00	23.53 0.90 0.00	26.78 0.99 0.00	28.83 1.17 0.00	33.37 1.20 0.00	36.81 1.37 0.00	36.10 1.31 0.00	34.50 1.05 0.00	35.38 1.04 0.00	30.26 1.26 4.44	29.11 1.07 7.73	30.96 0.49 4.46	37.14 0.54 0.00	35.56 0.25 0.00	29.19 -0.06 6.51	36.00 -0.19 0.00	35.11 -0.45 0.00	34.71 0.73 0.00	35.32 1.40 0.00	32.86 0.82 0.00	28.36 0.27 0.00

FALCON___SEABRD_CC2 323797	25.47 1.19 0.00	24.16 1.15 0.00	21.08 0.78 0.00	23.99 0.86 0.00	23.53 0.90 0.00	26.78 0.99 0.00	28.83 1.17 0.00	33.37 1.20 0.00	36.81 1.37 0.00	36.10 1.31 0.00	34.50 1.05 0.00	35.38 1.04 0.00	30.26 1.26 4.44	29.11 1.07 7.73	30.96 0.49 4.46	37.14 0.54 0.00	35.56 0.25 0.00	29.19 -0.06 6.51	36.00 -0.19 0.00	35.11 -0.45 0.00	34.71 0.73 0.00	35.32 1.40 0.00	32.86 0.82 0.00	28.36 0.27 0.00
FAR ROCKAWAY___4 23548	26.18 1.90 0.00	24.82 1.80 0.00	21.73 1.43 0.00	24.74 1.61 0.00	24.27 1.63 0.00	27.69 1.90 0.00	29.75 2.09 0.00	34.29 2.38 0.26	37.56 2.66 0.55	37.36 2.58 0.00	36.17 2.72 0.00	37.38 3.05 0.00	36.61 3.16 0.00	39.11 3.34 0.00	38.66 3.73 0.00	40.51 3.91 0.00	38.90 3.59 0.00	39.44 3.68 0.00	39.67 3.47 0.00	38.79 3.24 0.00	36.94 2.96 0.00	36.81 2.89 0.00	34.69 2.65 0.00	30.64 2.56 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.78 1.50 0.00	24.43 1.41 0.00	21.45 1.16 0.00	24.41 1.28 0.00	23.94 1.30 0.00	27.29 1.50 0.00	29.44 1.78 0.00	34.37 2.20 0.00	37.93 2.48 0.00	37.17 2.38 0.00	35.88 2.44 0.00	37.00 2.66 0.00	36.17 2.73 0.00	38.67 2.90 0.00	37.98 3.06 0.00	39.86 3.26 0.00	38.47 3.15 0.00	38.91 3.16 0.00	39.19 2.99 0.00	38.38 2.83 0.00	36.59 2.61 0.00	36.46 2.54 0.00	34.22 2.18 0.00	30.06 1.97 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.81 1.52 0.00	24.45 1.43 0.00	21.47 1.17 0.00	24.43 1.30 0.00	23.95 1.32 0.00	27.31 1.52 0.00	29.46 1.80 0.00	34.40 2.23 0.00	37.96 2.51 0.00	37.19 2.40 0.00	35.90 2.45 0.00	37.03 2.69 0.00	36.18 2.74 0.00	38.70 2.93 0.00	38.01 3.09 0.00	39.88 3.28 0.00	38.50 3.18 0.00	38.95 3.19 0.00	39.21 3.02 0.00	38.41 2.86 0.00	36.62 2.64 0.00	36.49 2.57 0.00	34.25 2.21 0.00	30.09 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.76 1.48 0.00	24.41 1.39 0.00	21.44 1.14 0.00	24.39 1.26 0.00	23.92 1.28 0.00	27.27 1.48 0.00	29.42 1.76 0.00	34.35 2.18 0.00	37.91 2.46 0.00	37.14 2.35 0.00	35.85 2.40 0.00	36.96 2.63 0.00	36.13 2.69 0.00	38.63 2.86 0.00	37.95 3.02 0.00	39.82 3.22 0.00	38.43 3.11 0.00	38.88 3.12 0.00	39.15 2.95 0.00	38.34 2.79 0.00	36.55 2.57 0.00	36.42 2.50 0.00	34.18 2.14 0.00	30.03 1.95 0.00
FARRAGUT___LBMP 323566	25.75 1.46 0.00	24.39 1.38 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.91 1.27 0.00	27.25 1.46 0.00	29.40 1.74 0.00	34.32 2.15 0.00	37.88 2.43 0.00	37.11 2.33 0.00	35.82 2.37 0.00	36.93 2.60 0.00	36.10 2.66 0.00	38.59 2.82 0.00	37.91 2.99 0.00	39.78 3.18 0.00	38.40 3.08 0.00	38.84 3.08 0.00	39.11 2.92 0.00	38.32 2.77 0.00	36.53 2.55 0.00	36.39 2.48 0.00	34.17 2.13 0.00	30.01 1.93 0.00
FENNER___WINDPWR 24204	24.56 0.28 0.00	23.19 0.17 0.00	20.45 0.15 0.00	23.30 0.16 0.00	22.77 0.14 0.00	26.00 0.22 0.00	27.91 0.25 0.00	32.45 0.28 0.00	35.84 0.39 0.00	35.27 0.49 0.00	33.99 0.54 0.00	34.99 0.65 0.00	36.82 0.50 -2.88	41.31 0.54 -5.01	38.34 0.53 -2.89	37.31 0.71 0.00	36.06 0.75 0.00	40.85 0.88 -4.22	37.21 1.02 0.00	36.50 0.95 0.00	34.85 0.87 0.00	34.69 0.77 0.00	32.58 0.54 0.00	28.50 0.42 0.00
FIBERTEK___ENERGY 23856	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.46 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.67 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00
FITZPATRICK____ 23598	23.13 -1.16 0.00	21.89 -1.12 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.15 0.00	26.33 -1.33 0.00	30.58 -1.60 0.00	33.74 -1.70 0.00	33.19 -1.59 0.00	31.97 -1.48 0.00	32.94 -1.39 0.00	32.09 -1.36 0.00	34.40 -1.37 0.00	33.56 -1.37 0.00	35.19 -1.41 0.00	34.00 -1.32 0.00	34.47 -1.28 0.00	34.92 -1.27 0.00	34.22 -1.33 0.00	32.67 -1.31 0.00	32.54 -1.38 0.00	30.65 -1.39 0.00	26.87 -1.22 0.00
FLOWRFLD_69_KV_BK1 356044	25.76 1.47 0.00	24.51 1.49 0.00	21.42 1.13 0.00	24.47 1.34 0.00	24.03 1.39 0.00	27.37 1.59 0.00	29.45 1.79 0.00	32.09 1.83 1.92	33.40 2.01 4.06	36.83 2.05 0.00	35.64 2.19 0.00	36.83 2.49 0.00	36.12 2.68 0.00	38.49 2.72 0.00	38.09 3.17 0.00	39.92 3.32 0.00	38.42 3.11 0.00	38.99 3.23 0.00	39.29 3.10 0.00	38.49 2.94 0.00	36.89 2.91 0.00	36.66 2.74 0.00	34.30 2.26 0.00	30.25 2.17 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.68 1.39 0.00	24.33 1.32 0.00	21.38 1.08 0.00	24.34 1.21 0.00	23.86 1.22 0.00	27.20 1.41 0.00	29.32 1.66 0.00	34.25 2.08 0.00	37.84 2.39 0.00	37.08 2.30 0.00	35.75 2.30 0.00	36.87 2.54 0.00	35.98 2.54 0.00	38.49 2.72 0.00	37.78 2.86 0.00	39.64 3.04 0.00	38.36 3.04 0.00	38.88 3.12 0.00	39.18 2.99 0.00	38.36 2.81 0.00	36.60 2.63 0.00	36.40 2.48 0.00	34.14 2.10 0.00	29.95 1.86 0.00
FORT ORANGE____ 23900	24.78 0.50 0.00	23.58 0.56 0.00	20.80 0.50 0.00	23.71 0.58 0.00	23.23 0.59 0.00	26.41 0.62 0.00	28.38 0.72 0.00	32.90 0.73 0.00	36.11 0.66 0.00	35.33 0.54 0.00	33.91 0.46 0.00	34.87 0.54 0.00	33.94 0.50 0.00	36.28 0.51 0.00	35.59 0.66 0.00	37.11 0.51 0.00	35.90 0.58 0.00	36.45 0.69 0.00	36.86 0.67 0.00	36.33 0.78 0.00	34.85 0.87 0.00	34.62 0.70 0.00	32.50 0.46 0.00	28.53 0.44 0.00
FORT_DRUM_COGEN 23780	24.42 0.14 0.00	22.94 -0.08 0.00	20.17 -0.12 0.00	23.01 -0.12 0.00	22.51 -0.13 0.00	25.66 -0.12 0.00	27.55 -0.11 0.00	32.07 -0.11 0.00	35.64 0.19 0.00	35.44 0.66 0.00	33.66 0.21 0.00	34.15 -0.18 0.00	5.30 -1.25 26.89	-12.41 -1.37 46.82	6.95 -0.96 27.02	36.49 -0.11 0.00	35.52 0.21 0.00	-4.21 -0.54 39.43	36.68 0.49 0.00	36.44 0.89 0.00	34.89 0.91 0.00	34.68 0.76 0.00	32.08 0.04 0.00	27.79 -0.29 0.00
FOX_HILLS___ESR 323835	25.84 1.55 -0.01	24.48 1.46 0.00	21.49 1.19 0.00	24.44 1.31 0.00	23.97 1.33 0.00	27.34 1.55 0.00	29.50 1.84 0.00	34.40 2.22 0.00	37.91 2.46 0.00	37.10 2.32 0.00	35.82 2.37 0.00	36.95 2.61 0.00	36.10 2.66 0.00	38.65 2.87 0.00	37.95 3.02 0.00	39.84 3.23 -0.01	41.85 3.12 -3.41	41.68 3.14 -2.79	39.76 2.96 -0.62	38.41 2.85 -0.01	36.63 2.65 0.00	36.50 2.58 0.00	34.26 2.23 0.00	30.12 2.03 -0.01
FPL FAR_ROCK_GT1 24212	26.18 1.90 0.00	24.82 1.80 0.00	21.73 1.43 0.00	24.74 1.61 0.00	24.27 1.63 0.00	27.68 1.90 0.00	29.75 2.09 0.00	34.29 2.37 0.26	37.56 2.66 0.55	37.36 2.58 0.00	36.17 2.73 0.00	37.38 3.05 0.00	36.61 3.17 0.00	39.12 3.34 0.00	38.68 3.75 0.00	40.51 3.91 0.00	38.90 3.59 0.00	39.44 3.68 0.00	39.66 3.47 0.00	38.79 3.24 0.00	36.94 2.96 0.00	36.81 2.90 0.00	34.69 2.65 0.00	30.64 2.55 0.00



FPL_FAR_ROCK_GT2 23815	26.18 1.90 0.00	24.82 1.80 0.00	21.73 1.43 0.00	24.74 1.61 0.00	24.27 1.63 0.00	27.68 1.90 0.00	29.75 2.09 0.00	34.29 2.37 0.26	37.56 2.66 0.55	37.36 2.58 0.00	36.17 2.73 0.00	37.38 3.05 0.00	36.61 3.17 0.00	39.12 3.34 0.00	38.68 3.75 0.00	40.51 3.91 0.00	38.90 3.59 0.00	39.44 3.68 0.00	39.66 3.47 0.00	38.79 3.24 0.00	36.94 2.96 0.00	36.81 2.90 0.00	34.69 2.65 0.00	30.64 2.55 0.00
FRANKLIN_FALL_HYD 24054	24.70 0.41 0.00	23.39 0.38 0.00	20.51 0.21 0.00	23.36 0.23 0.00	22.86 0.23 0.00	26.02 0.24 0.00	27.94 0.28 0.00	32.50 0.33 0.00	35.76 0.31 0.00	35.15 0.36 0.00	33.65 0.21 0.00	34.43 0.09 0.00	26.61 0.14 6.98	23.68 0.06 12.15	27.70 -0.22 7.01	36.48 -0.12 0.00	34.96 -0.36 0.00	25.03 -0.49 10.24	35.71 -0.48 0.00	34.91 -0.64 0.00	33.88 -0.10 0.00	34.35 0.43 0.00	32.15 0.10 0.00	27.83 -0.26 0.00
FREEPORT_EQUS_GT1 23764	25.89 1.61 0.00	24.57 1.56 0.00	21.51 1.21 0.00	24.49 1.36 0.00	24.04 1.41 0.00	27.41 1.62 0.00	29.47 1.81 0.00	32.78 2.00 1.39	34.71 2.21 2.94	36.95 2.17 0.00	35.75 2.30 0.00	36.94 2.60 0.00	36.18 2.74 0.00	38.64 2.87 0.00	38.25 3.33 0.00	40.03 3.43 0.00	38.55 3.24 0.00	39.16 3.40 0.00	39.37 3.18 0.00	38.63 3.08 0.00	36.81 2.83 0.00	36.67 2.75 0.00	34.47 2.43 0.00	30.33 2.24 0.00
FREEPORT___CT2 23818	25.89 1.61 0.00	24.57 1.56 0.00	21.51 1.21 0.00	24.49 1.36 0.00	24.04 1.41 0.00	27.41 1.62 0.00	29.47 1.81 0.00	32.78 2.00 1.39	34.71 2.21 2.94	36.95 2.17 0.00	35.75 2.30 0.00	36.94 2.60 0.00	36.18 2.74 0.00	38.64 2.87 0.00	38.25 3.33 0.00	40.03 3.43 0.00	38.55 3.24 0.00	39.16 3.40 0.00	39.37 3.18 0.00	38.63 3.08 0.00	36.81 2.83 0.00	36.67 2.75 0.00	34.47 2.43 0.00	30.33 2.24 0.00
FRESHKLS_33_KV_LOAD 356253	25.82 1.53 -0.01	24.46 1.45 0.00	21.47 1.18 0.00	24.44 1.31 0.00	23.96 1.33 0.00	27.32 1.54 0.00	29.48 1.82 0.00	34.35 2.18 0.00	37.87 2.42 0.00	37.09 2.31 0.00	35.80 2.35 0.00	36.94 2.61 0.00	36.09 2.64 0.00	38.65 2.87 0.00	37.93 3.01 0.00	39.84 3.23 -0.01	41.83 3.10 -3.41	41.69 3.14 -2.79	39.77 2.97 -0.62	38.44 2.89 -0.01	36.67 2.69 0.00	36.53 2.62 0.00	34.29 2.25 0.00	30.10 2.01 -0.01
FULTON COGEN____ 23766	23.43 -0.86 0.00	22.17 -0.85 0.00	19.60 -0.70 0.00	22.36 -0.77 0.00	21.87 -0.77 0.00	24.94 -0.85 0.00	26.67 -0.99 0.00	30.99 -1.19 0.00	34.21 -1.24 0.00	33.64 -1.14 0.00	32.41 -1.03 0.00	33.33 -1.01 0.00	30.24 -0.96 2.24	30.94 -0.92 3.90	31.76 -0.91 2.25	35.70 -0.90 0.00	34.57 -0.74 0.00	31.70 -0.77 3.29	35.48 -0.71 0.00	34.79 -0.76 0.00	33.21 -0.76 0.00	33.05 -0.87 0.00	31.10 -0.94 0.00	27.24 -0.85 0.00
FULTON___LFGE 323630	26.52 2.24 0.00	25.06 2.05 0.00	22.07 1.78 0.00	25.14 2.00 0.00	24.62 1.98 0.00	28.17 2.39 0.00	30.25 2.58 0.00	35.01 2.83 0.00	38.62 3.17 0.00	37.35 2.56 0.00	35.49 2.05 0.00	34.98 0.64 0.00	33.94 0.50 0.00	37.39 1.63 0.00	36.76 1.84 0.00	40.96 4.36 0.00	38.50 3.19 0.00	38.43 2.68 0.00	40.40 4.20 0.00	39.62 4.07 0.00	38.19 4.21 0.00	37.93 4.02 0.00	35.49 3.45 0.00	30.92 2.83 0.00
G.F.CEMENT___DRP 24184	25.89 1.61 0.00	24.55 1.53 0.00	21.56 1.26 0.00	24.58 1.45 0.00	24.09 1.45 0.00	27.44 1.66 0.00	29.67 2.01 0.00	34.43 2.25 0.00	37.88 2.43 0.00	36.92 2.14 0.00	35.17 1.73 0.00	36.21 1.88 0.00	35.15 1.71 0.00	37.47 1.70 0.00	36.77 1.84 0.00	38.66 2.06 0.00	37.47 2.16 0.00	38.08 2.32 0.00	38.83 2.63 0.00	38.38 2.82 0.00	36.98 3.01 0.00	36.68 2.76 0.00	34.35 2.31 0.00	30.09 2.00 0.00
GARDENVILLE___LBMP 24039	23.69 -0.59 0.00	22.21 -0.80 0.00	19.57 -0.73 0.00	22.44 -0.69 0.00	21.85 -0.79 0.00	25.18 -0.60 0.00	26.81 -0.84 0.00	30.85 -1.32 0.00	34.28 -1.17 0.00	33.98 -0.80 0.00	32.89 -0.56 0.00	34.15 -0.18 0.00	33.25 -0.19 0.00	35.89 0.11 0.00	34.62 -0.30 0.00	36.30 -0.31 -0.01	35.00 -0.32 0.00	35.63 -0.13 0.00	36.03 -0.17 0.00	34.89 -0.66 0.00	33.21 -0.77 0.00	33.26 -0.66 0.00	31.44 -0.60 0.00	27.63 -0.45 0.00
GARDNVLA_35_KV_LD 355827	23.81 -0.47 0.00	22.34 -0.68 0.00	19.67 -0.63 0.00	22.54 -0.59 0.00	21.95 -0.69 0.00	25.28 -0.50 0.00	26.92 -0.74 0.00	30.99 -1.19 0.00	34.44 -1.01 0.00	34.15 -0.63 0.00	33.06 -0.38 0.00	34.35 0.02 0.00	33.46 0.02 0.00	36.12 0.35 0.00	34.85 -0.07 0.00	36.55 -0.06 0.00	35.25 -0.07 0.00	35.87 0.11 0.00	36.27 0.07 0.00	35.11 -0.45 0.00	33.41 -0.57 0.00	33.45 -0.47 0.00	31.60 -0.44 0.00	27.77 -0.32 0.00
GELCKHM___115KV_LOAD 80723	23.62 -0.66 0.00	22.35 -0.67 0.00	19.75 -0.55 0.00	22.53 -0.61 0.00	22.02 -0.62 0.00	25.12 -0.66 0.00	26.86 -0.80 0.00	31.21 -0.96 0.00	34.46 -0.99 0.00	33.90 -0.88 0.00	32.68 -0.76 0.00	33.71 -0.63 0.00	32.86 -0.58 0.00	35.26 -0.51 0.00	34.42 -0.51 0.00	36.11 -0.49 0.00	34.88 -0.44 0.00	35.36 -0.39 0.00	35.82 -0.37 0.00	35.11 -0.44 0.00	33.49 -0.49 0.00	33.32 -0.59 0.00	31.36 -0.67 0.00	27.47 -0.62 0.00
GENERAL___MILLS 23808	23.75 -0.53 0.00	22.28 -0.74 0.00	19.62 -0.68 0.00	22.49 -0.64 0.00	21.90 -0.73 0.00	25.23 -0.55 0.00	26.87 -0.79 0.00	30.92 -1.26 0.00	34.35 -1.10 0.00	34.05 -0.73 0.00	32.95 -0.49 0.00	34.23 -0.11 0.00	33.33 -0.11 0.00	35.98 0.21 0.00	34.71 -0.21 0.00	36.40 -0.21 -0.01	35.10 -0.22 0.00	35.73 -0.03 0.00	36.14 -0.06 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.69 -0.40 0.00
GE_PLASTICS___DRP 24183	24.69 0.40 0.00	23.46 0.45 0.00	20.70 0.41 0.00	23.59 0.46 0.00	23.11 0.47 0.00	26.29 0.50 0.00	28.24 0.58 0.00	32.85 0.68 0.00	36.16 0.71 0.00	35.39 0.60 0.00	33.99 0.55 0.00	34.98 0.64 0.00	34.06 0.62 0.00	36.42 0.65 0.00	35.69 0.76 0.00	37.30 0.70 0.00	36.05 0.74 0.00	36.56 0.80 0.00	36.94 0.75 0.00	36.36 0.81 0.00	34.81 0.83 0.00	34.60 0.69 0.00	32.53 0.49 0.00	28.57 0.48 0.00
GILBOA___1 23756	24.75 0.47 0.00	23.48 0.46 0.00	20.75 0.45 0.00	23.65 0.52 0.00	23.16 0.53 0.00	26.33 0.55 0.00	28.25 0.59 0.00	32.75 0.58 0.00	36.10 0.65 0.00	35.39 0.61 0.00	34.05 0.60 0.00	35.06 0.73 0.00	34.15 0.71 0.00	36.52 0.75 0.00	35.75 0.83 0.00	37.44 0.84 0.00	36.16 0.84 0.00	36.57 0.81 0.00	36.97 0.77 0.00	36.37 0.82 0.00	34.77 0.79 0.00	34.60 0.69 0.00	32.57 0.54 0.00	28.58 0.49 0.00
GILBOA___2 23757	24.75 0.47 0.00	23.48 0.46 0.00	20.75 0.45 0.00	23.65 0.52 0.00	23.16 0.53 0.00	26.33 0.55 0.00	28.25 0.59 0.00	32.75 0.58 0.00	36.10 0.65 0.00	35.39 0.61 0.00	34.05 0.60 0.00	35.06 0.73 0.00	34.15 0.71 0.00	36.52 0.75 0.00	35.75 0.83 0.00	37.44 0.84 0.00	36.16 0.84 0.00	36.57 0.81 0.00	36.97 0.77 0.00	36.37 0.82 0.00	34.77 0.79 0.00	34.60 0.69 0.00	32.57 0.54 0.00	28.58 0.49 0.00

GILBOA___3 23758	24.75 0.47 0.00	23.48 0.46 0.00	20.75 0.45 0.00	23.65 0.52 0.00	23.16 0.53 0.00	26.33 0.55 0.00	28.25 0.59 0.00	32.75 0.58 0.00	36.10 0.65 0.00	35.39 0.61 0.00	34.05 0.60 0.00	35.06 0.73 0.00	34.15 0.71 0.00	36.52 0.75 0.00	35.75 0.83 0.00	37.44 0.84 0.00	36.16 0.84 0.00	36.57 0.81 0.00	36.97 0.77 0.00	36.37 0.82 0.00	34.77 0.79 0.00	34.60 0.69 0.00	32.57 0.54 0.00	28.58 0.49 0.00
GILBOA___4 23759	24.75 0.47 0.00	23.48 0.46 0.00	20.75 0.45 0.00	23.65 0.52 0.00	23.16 0.53 0.00	26.33 0.55 0.00	28.25 0.59 0.00	32.75 0.58 0.00	36.10 0.65 0.00	35.39 0.61 0.00	34.05 0.60 0.00	35.06 0.73 0.00	34.15 0.71 0.00	36.52 0.75 0.00	35.75 0.83 0.00	37.44 0.84 0.00	36.16 0.84 0.00	36.57 0.81 0.00	36.97 0.77 0.00	36.37 0.82 0.00	34.77 0.79 0.00	34.60 0.69 0.00	32.57 0.54 0.00	28.58 0.49 0.00
GILBOA___ 23599	24.75 0.47 0.00	23.48 0.46 0.00	20.74 0.45 0.00	23.65 0.52 0.00	23.16 0.53 0.00	26.33 0.55 0.00	28.25 0.59 0.00	32.75 0.58 0.00	36.10 0.66 0.00	35.39 0.61 0.00	34.05 0.60 0.00	35.06 0.73 0.00	34.15 0.70 0.00	36.52 0.75 0.00	35.76 0.83 0.00	37.44 0.84 0.00	36.16 0.84 0.00	36.57 0.81 0.00	36.97 0.77 0.00	36.37 0.82 0.00	34.77 0.79 0.00	34.60 0.69 0.00	32.58 0.54 0.00	28.58 0.49 0.00
GINNA___ 23603	22.87 -1.42 0.00	21.56 -1.46 0.00	19.02 -1.28 0.00	21.72 -1.41 0.00	21.21 -1.43 0.00	24.31 -1.47 0.00	25.97 -1.69 0.00	30.03 -2.14 0.00	33.17 -2.28 0.00	32.79 -2.00 0.00	31.72 -1.73 0.00	32.91 -1.43 0.00	32.18 -1.26 0.00	34.69 -1.08 0.00	33.58 -1.35 0.00	35.20 -1.40 0.00	33.99 -1.32 0.00	34.65 -1.11 0.00	35.12 -1.07 0.00	34.18 -1.38 0.00	32.52 -1.46 0.00	32.41 -1.51 0.00	30.41 -1.63 0.00	26.66 -1.43 0.00
GLEN PARK___ 23778	24.53 0.25 0.00	23.03 0.01 0.00	20.26 -0.04 0.00	23.10 -0.03 0.00	22.60 -0.04 0.00	25.78 -0.01 0.00	27.68 0.02 0.00	32.21 0.04 0.00	35.83 0.38 0.00	35.64 0.85 0.00	33.78 0.33 0.00	34.29 -0.04 0.00	6.46 -1.17 25.81	-10.43 -1.27 44.94	8.16 -0.83 25.93	36.62 0.02 0.00	35.73 0.41 0.00	-2.41 -0.32 37.85	36.93 0.73 0.00	36.72 1.17 0.00	35.16 1.18 0.00	34.93 1.02 0.00	32.32 0.28 0.00	27.98 -0.11 0.00
GLENDALE_27_KV_LOAD 356172	25.92 1.64 0.00	24.55 1.53 0.00	21.55 1.26 0.00	24.52 1.39 0.00	24.05 1.41 0.00	27.43 1.64 0.00	29.62 1.96 0.00	34.57 2.40 0.00	38.12 2.67 0.00	37.33 2.55 0.00	36.06 2.61 0.00	37.16 2.83 0.00	36.33 2.88 0.00	38.83 3.06 0.00	38.15 3.23 0.00	40.01 3.41 0.00	38.66 3.34 0.00	39.07 3.32 0.00	39.33 3.13 0.00	38.54 2.99 0.00	36.76 2.78 0.00	36.63 2.71 0.00	34.39 2.35 0.00	30.25 2.16 0.00
GLENWOOD_IC_1_G5 23712	25.89 1.61 0.00	24.56 1.55 0.00	21.51 1.21 0.00	24.50 1.37 0.00	24.04 1.41 0.00	27.41 1.63 0.00	29.50 1.84 0.00	33.41 2.08 0.84	36.00 2.32 1.78	37.03 2.25 0.00	35.82 2.37 0.00	37.01 2.68 0.00	36.24 2.80 0.00	38.75 2.97 0.00	38.30 3.37 0.00	40.13 3.53 0.00	38.60 3.29 0.00	39.13 3.37 0.00	39.36 3.16 0.00	38.47 2.92 0.00	36.66 2.68 0.00	36.53 2.61 0.00	34.43 2.39 0.00	30.28 2.19 0.00
GLENWOOD_IC_2_G1 23688	25.82 1.54 0.00	24.51 1.49 0.00	21.46 1.16 0.00	24.44 1.31 0.00	23.99 1.35 0.00	27.35 1.56 0.00	29.42 1.76 0.00	33.91 1.99 0.25	37.13 2.22 0.54	36.94 2.16 0.00	35.73 2.28 0.00	36.89 2.56 0.00	36.13 2.69 0.00	38.60 2.83 0.00	38.18 3.25 0.00	39.97 3.37 0.00	38.53 3.21 0.00	39.07 3.31 0.00	39.29 3.10 0.00	38.43 2.88 0.00	36.63 2.65 0.00	36.49 2.57 0.00	34.31 2.27 0.00	30.21 2.12 0.00
GLENWOOD_IC_3_G1 23689	25.82 1.54 0.00	24.51 1.49 0.00	21.46 1.16 0.00	24.44 1.31 0.00	23.99 1.35 0.00	27.35 1.56 0.00	29.42 1.76 0.00	33.91 1.99 0.25	37.13 2.22 0.54	36.94 2.16 0.00	35.73 2.28 0.00	36.89 2.56 0.00	36.13 2.69 0.00	38.60 2.83 0.00	38.18 3.25 0.00	39.97 3.37 0.00	38.53 3.21 0.00	39.07 3.31 0.00	39.29 3.10 0.00	38.43 2.88 0.00	36.63 2.65 0.00	36.49 2.57 0.00	34.31 2.27 0.00	30.21 2.12 0.00
GLENWOOD___4 23550	25.89 1.61 0.00	24.56 1.55 0.00	21.51 1.21 0.00	24.50 1.37 0.00	24.04 1.41 0.00	27.41 1.63 0.00	29.50 1.84 0.00	33.41 2.08 0.84	36.00 2.32 1.78	37.04 2.26 0.00	35.82 2.37 0.00	37.01 2.68 0.00	36.24 2.80 0.00	38.75 2.97 0.00	38.30 3.37 0.00	40.14 3.54 0.00	38.64 3.32 0.00	39.18 3.42 0.00	39.40 3.21 0.00	38.50 2.95 0.00	36.70 2.72 0.00	36.56 2.64 0.00	34.43 2.39 0.00	30.28 2.19 0.00
GLENWOOD___5 23614	25.89 1.61 0.00	24.56 1.55 0.00	21.51 1.21 0.00	24.50 1.37 0.00	24.04 1.41 0.00	27.41 1.63 0.00	29.50 1.84 0.00	33.41 2.08 0.84	36.00 2.32 1.78	37.04 2.26 0.00	35.82 2.37 0.00	37.01 2.68 0.00	36.24 2.80 0.00	38.75 2.97 0.00	38.30 3.37 0.00	40.14 3.54 0.00	38.64 3.32 0.00	39.18 3.42 0.00	39.40 3.21 0.00	38.50 2.95 0.00	36.70 2.72 0.00	36.56 2.64 0.00	34.43 2.39 0.00	30.28 2.19 0.00
GLOBAL GREEN_PORT_GT1 23814	26.46 2.18 0.00	25.14 2.13 0.00	22.02 1.72 0.00	25.23 2.09 0.00	24.75 2.11 0.00	28.15 2.36 0.00	30.32 2.66 0.00	32.84 2.59 1.92	34.37 3.00 4.08	37.99 3.21 0.00	37.10 3.65 0.00	38.43 4.09 0.00	37.69 4.25 0.00	40.19 4.42 0.00	39.61 4.68 0.00	41.43 4.83 0.00	40.16 4.84 0.00	40.85 5.09 0.00	41.19 5.00 0.00	40.26 4.71 0.00	38.43 4.45 0.00	38.10 4.18 0.00	35.62 3.58 0.00	31.31 3.22 0.00
GLOBE___DSASP 323697	22.72 -1.56 0.00	21.39 -1.63 0.00	18.88 -1.42 0.00	21.64 -1.49 0.00	21.07 -1.57 0.00	24.23 -1.56 0.00	25.79 -1.88 0.00	29.41 -2.77 0.00	32.52 -2.93 0.00	32.23 -2.56 0.00	31.22 -2.22 0.00	32.40 -1.94 0.00	31.55 -1.89 0.00	34.09 -1.68 0.00	32.79 -2.13 0.00	34.30 -2.30 0.00	33.14 -2.17 0.00	33.69 -2.07 0.00	34.00 -2.17 0.02	32.93 -2.60 0.02	31.36 -2.60 0.02	31.41 -2.49 0.02	29.68 -2.34 0.02	26.47 -1.62 0.00
GOETHSLN___LBMP 323567	25.67 1.39 0.00	24.33 1.31 0.00	21.37 1.07 0.00	24.30 1.17 0.00	23.84 1.21 0.00	27.16 1.38 0.00	29.30 1.64 0.00	34.20 2.02 0.00	37.74 2.29 0.00	36.96 2.17 0.00	35.69 2.25 0.00	36.82 2.48 0.00	35.99 2.55 0.00	38.48 2.71 0.00	37.81 2.89 0.00	39.66 3.06 0.00	38.27 2.96 0.00	38.73 2.97 0.00	39.01 2.82 0.00	38.22 2.67 0.00	36.43 2.45 0.00	36.31 2.39 0.00	34.08 2.05 0.00	29.93 1.84 0.00
GOLAH___69_KV_TB 1_2 80279	23.97 -0.32 0.00	22.58 -0.44 0.00	19.91 -0.38 0.00	22.77 -0.37 0.00	22.20 -0.44 0.00	25.50 -0.28 0.00	27.21 -0.45 0.00	31.38 -0.79 0.00	34.69 -0.76 0.00	34.27 -0.51 0.00	33.16 -0.28 0.00	34.45 0.12 0.00	33.70 0.25 0.00	36.46 0.69 0.00	35.32 0.39 0.00	36.69 0.09 0.00	35.46 0.14 0.00	36.14 0.38 0.00	36.66 0.47 0.00	35.74 0.18 0.00	34.03 0.05 0.00	33.99 0.07 0.00	31.98 -0.06 0.00	28.08 -0.01 0.00

GOODYEAR_LAKE_HYD 323669	25.06 0.78 0.00	23.68 0.66 0.00	20.86 0.56 0.00	23.78 0.65 0.00	23.27 0.63 0.00	26.56 0.78 0.00	28.50 0.84 0.00	33.15 0.98 0.00	36.67 1.22 0.00	36.04 1.26 0.00	34.77 1.33 0.00	35.79 1.46 0.00	34.80 1.35 0.00	37.30 1.53 0.00	36.51 1.58 0.00	38.35 1.75 0.00	37.03 1.71 0.00	37.48 1.72 0.00	37.99 1.79 0.00	37.17 1.62 0.00	35.44 1.46 0.00	35.32 1.40 0.00	33.28 1.24 0.00	29.11 1.02 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.19 -0.09 0.00	22.84 -0.17 0.00	20.13 -0.17 0.00	22.97 -0.16 0.00	22.45 -0.18 0.00	25.69 -0.10 0.00	27.51 -0.15 0.00	31.99 -0.19 0.00	35.42 -0.02 0.00	34.86 0.07 0.00	33.57 0.13 0.00	34.69 0.36 0.00	33.74 0.30 0.00	36.19 0.42 0.00	35.28 0.35 0.00	37.00 0.40 0.00	35.69 0.37 0.00	36.29 0.53 0.00	36.69 0.50 0.00	35.84 0.29 0.00	34.21 0.23 0.00	34.06 0.14 0.00	32.09 0.05 0.00	28.07 -0.02 0.00
GOUDEY___7 23579	24.21 -0.07 0.00	22.86 -0.16 0.00	20.15 -0.15 0.00	22.98 -0.15 0.00	22.48 -0.16 0.00	25.71 -0.08 0.00	27.53 -0.13 0.00	32.02 -0.16 0.00	35.46 0.01 0.00	34.90 0.11 0.00	33.61 0.16 0.00	34.73 0.39 0.00	33.79 0.34 0.00	36.23 0.46 0.00	35.32 0.39 0.00	37.04 0.44 0.00	35.73 0.41 0.00	36.33 0.57 0.00	36.74 0.55 0.00	35.89 0.34 0.00	34.25 0.27 0.00	34.10 0.18 0.00	32.12 0.08 0.00	28.10 0.01 0.00
GOUDEY___8 23580	24.19 -0.09 0.00	22.84 -0.17 0.00	20.13 -0.17 0.00	22.97 -0.16 0.00	22.45 -0.18 0.00	25.69 -0.10 0.00	27.51 -0.15 0.00	31.99 -0.19 0.00	35.42 -0.02 0.00	34.86 0.07 0.00	33.57 0.13 0.00	34.69 0.36 0.00	33.74 0.30 0.00	36.19 0.42 0.00	35.28 0.35 0.00	37.00 0.40 0.00	35.69 0.37 0.00	36.29 0.53 0.00	36.69 0.50 0.00	35.84 0.29 0.00	34.21 0.23 0.00	34.06 0.14 0.00	32.09 0.05 0.00	28.07 -0.02 0.00
GOWANUS_GT1_1 24077	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_2 24078	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_3 24079	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_4 24080	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_5 24084	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_6 24111	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_7 24112	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT1_8 24113	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT2_1 24114	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT2_2 24115	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT2_3 24116	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01

GOWANUS_GT2_4 24117	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT2_5 24118	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT2_6 24119	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT2_7 24120	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT2_8 24121	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.77 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_1 24122	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_2 24123	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_3 24124	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_4 24125	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_5 24126	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_6 24127	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_7 24128	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT3_8 24129	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
GOWANUS_GT4_1 24130	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT4_2 24131	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01

GOWANUS_GT4_3 24132	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT4_4 24133	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT4_5 24134	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT4_6 24135	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT4_7 24136	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GOWANUS_GT4_8 24137	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GREENBSH_115KV_TB3 55895	24.62 0.33 0.00	23.42 0.40 0.00	20.67 0.37 0.00	23.55 0.42 0.00	23.07 0.43 0.00	26.23 0.45 0.00	28.19 0.53 0.00	32.77 0.60 0.00	36.05 0.60 0.00	35.27 0.49 0.00	33.87 0.42 0.00	34.85 0.51 0.00	33.93 0.49 0.00	36.27 0.50 0.00	35.57 0.64 0.00	37.15 0.55 0.00	35.93 0.61 0.00	36.43 0.67 0.00	36.80 0.60 0.00	36.25 0.70 0.00	34.71 0.74 0.00	34.49 0.57 0.00	32.41 0.37 0.00	28.47 0.38 0.00
GREENDGE_115KV_TB5 80291	24.06 -0.22 0.00	22.64 -0.38 0.00	19.93 -0.37 0.00	22.75 -0.38 0.00	22.23 -0.41 0.00	25.50 -0.28 0.00	27.32 -0.34 0.00	31.66 -0.51 0.00	35.38 -0.07 0.00	35.08 0.30 0.00	33.66 0.22 0.00	34.74 0.40 0.00	33.85 0.41 0.00	36.32 0.55 0.00	35.17 0.25 0.00	36.93 0.33 0.00	35.57 0.25 0.00	36.30 0.54 0.00	36.80 0.61 0.00	35.89 0.34 0.00	34.23 0.25 0.00	34.06 0.14 0.00	32.01 -0.03 0.00	27.97 -0.11 0.00
GREENIDGE___3 23582	24.06 -0.22 0.00	22.64 -0.38 0.00	19.93 -0.37 0.00	22.75 -0.38 0.00	22.23 -0.41 0.00	25.50 -0.28 0.00	27.32 -0.34 0.00	31.66 -0.51 0.00	35.38 -0.07 0.00	35.08 0.30 0.00	33.66 0.22 0.00	34.74 0.40 0.00	33.85 0.41 0.00	36.32 0.55 0.00	35.17 0.25 0.00	36.93 0.33 0.00	35.57 0.25 0.00	36.30 0.54 0.00	36.80 0.61 0.00	35.89 0.34 0.00	34.23 0.25 0.00	34.06 0.14 0.00	32.01 -0.03 0.00	27.97 -0.11 0.00
GREENIDGE___4 23583	24.07 -0.22 0.00	22.64 -0.38 0.00	19.93 -0.37 0.00	22.75 -0.38 0.00	22.23 -0.41 0.00	25.50 -0.28 0.00	27.32 -0.34 0.00	31.67 -0.50 0.00	35.38 -0.07 0.00	35.08 0.29 0.00	33.66 0.22 0.00	34.74 0.41 0.00	33.85 0.41 0.00	36.31 0.54 0.00	35.15 0.23 0.00	36.93 0.33 0.00	35.56 0.25 0.00	36.29 0.53 0.00	36.80 0.61 0.00	35.89 0.34 0.00	34.23 0.25 0.00	34.05 0.14 0.00	32.01 -0.03 0.00	27.97 -0.11 0.00
GREENLWN_69_KV_BK 3 55738	25.58 1.29 0.00	24.34 1.33 0.00	21.27 0.97 0.00	24.25 1.12 0.00	23.81 1.17 0.00	27.12 1.33 0.00	29.15 1.49 0.00	31.84 1.55 1.89	33.04 1.59 4.00	36.32 1.53 0.00	35.14 1.70 0.00	36.27 1.94 0.00	35.56 2.12 0.00	37.94 2.17 0.00	37.56 2.63 0.00	39.37 2.78 0.00	38.00 2.68 0.00	38.54 2.78 0.00	38.78 2.58 0.00	37.91 2.36 0.00	36.15 2.17 0.00	35.96 2.05 0.00	33.77 1.73 0.00	29.85 1.76 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01
GRISSOM___SOLAR 323813	26.52 2.24 0.00	25.06 2.05 0.00	22.07 1.78 0.00	25.14 2.00 0.00	24.62 1.98 0.00	28.17 2.39 0.00	30.25 2.58 0.00	35.01 2.83 0.00	38.62 3.17 0.00	37.35 2.56 0.00	35.49 2.05 0.00	34.98 0.64 0.00	33.94 0.50 0.00	37.39 1.63 0.00	36.76 1.84 0.00	40.96 4.36 0.00	38.50 3.19 0.00	38.43 2.68 0.00	40.40 4.20 0.00	39.62 4.07 0.00	38.19 4.21 0.00	37.93 4.02 0.00	35.49 3.45 0.00	30.92 2.83 0.00
GROVEVILLE___HYD 323602	25.68 1.39 0.00	24.33 1.32 0.00	21.38 1.08 0.00	24.34 1.21 0.00	23.86 1.22 0.00	27.20 1.41 0.00	29.32 1.66 0.00	34.25 2.08 0.00	37.84 2.39 0.00	37.08 2.30 0.00	35.75 2.30 0.00	36.87 2.54 0.00	35.98 2.54 0.00	38.49 2.72 0.00	37.78 2.86 0.00	39.64 3.04 0.00	38.36 3.04 0.00	38.88 3.12 0.00	39.18 2.99 0.00	38.36 2.81 0.00	36.60 2.63 0.00	36.40 2.48 0.00	34.14 2.10 0.00	29.95 1.86 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.46 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.67 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00

HAMLTNNY_34_KV_TB 80303	23.84 -0.44 0.00	22.55 -0.47 0.00	19.92 -0.38 0.00	22.71 -0.42 0.00	22.19 -0.45 0.00	25.34 -0.45 0.00	27.11 -0.55 0.00	31.56 -0.61 0.00	34.87 -0.57 0.00	34.38 -0.41 0.00	33.08 -0.36 0.00	34.18 -0.15 0.00	33.28 -0.16 0.00	35.73 -0.04 0.00	34.80 -0.12 0.00	36.54 -0.06 0.00	35.32 0.00 0.00	35.87 0.11 0.00	36.32 0.12 0.00	35.57 0.02 0.00	33.88 -0.10 0.00	33.69 -0.22 0.00	31.73 -0.31 0.00	27.77 -0.31 0.00
HAMPSHIRE___PAPER_HYD 323593	24.00 -0.29 0.00	22.62 -0.39 0.00	19.89 -0.41 0.00	22.66 -0.47 0.00	22.18 -0.46 0.00	25.26 -0.53 0.00	27.09 -0.57 0.00	31.51 -0.66 0.00	34.78 -0.67 0.00	34.45 -0.34 0.00	32.90 -0.54 0.00	33.42 -0.91 0.00	7.93 -1.30 24.21	-7.95 -1.58 42.14	9.12 -1.49 24.32	35.77 -0.83 0.00	34.45 -0.86 0.00	-0.88 -1.15 35.49	35.56 -0.63 0.00	35.21 -0.34 0.00	33.75 -0.23 0.00	33.82 -0.10 0.00	31.45 -0.59 0.00	27.32 -0.77 0.00
HARDSCRABBLE_WT_PWR 323673	24.53 0.25 0.00	23.24 0.22 0.00	20.49 0.19 0.00	23.30 0.17 0.00	22.83 0.19 0.00	26.14 0.36 0.00	28.17 0.51 0.00	32.71 0.53 0.00	36.10 0.65 0.00	35.30 0.51 0.00	33.89 0.44 0.00	34.55 0.21 0.00	36.23 0.36 -2.43	40.51 0.51 -4.23	38.04 0.67 -2.44	37.29 0.68 0.00	36.04 0.72 0.00	40.17 0.86 -3.56	37.14 0.94 0.00	36.54 0.99 0.00	35.15 1.17 0.00	34.84 0.92 0.00	32.64 0.61 0.00	28.65 0.56 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.49 1.20 0.00	24.14 1.12 0.00	21.23 0.93 0.00	24.17 1.04 0.00	23.69 1.05 0.00	27.03 1.24 0.00	29.10 1.44 0.00	33.98 1.81 0.00	37.53 2.08 0.00	36.81 2.03 0.00	35.52 2.08 0.00	36.65 2.32 0.00	35.81 2.36 0.00	38.30 2.53 0.00	37.62 2.69 0.00	39.44 2.84 0.00	38.16 2.84 0.00	38.68 2.92 0.00	38.97 2.77 0.00	38.13 2.58 0.00	36.39 2.41 0.00	36.21 2.30 0.00	33.98 1.94 0.00	29.79 1.70 0.00
HARSNRAD_115KV_TB1 81005	23.24 -1.05 0.00	21.86 -1.16 0.00	19.27 -1.02 0.00	22.09 -1.04 0.00	21.51 -1.13 0.00	24.76 -1.02 0.00	26.36 -1.31 0.00	30.18 -1.99 0.00	33.42 -2.03 0.00	33.10 -1.68 0.00	32.05 -1.39 0.00	33.29 -1.04 0.00	32.46 -0.98 0.00	35.06 -0.71 0.00	33.75 -1.18 0.00	35.30 -1.30 0.00	34.09 -1.23 0.00	34.73 -1.04 0.00	35.17 -1.02 0.00	34.09 -1.46 0.00	32.50 -1.48 0.00	32.55 -1.37 0.00	30.83 -1.22 0.00	27.22 -0.87 0.00
HARZA MOOSE___RIVER 24016	24.65 0.37 0.00	23.23 0.21 0.00	20.44 0.14 0.00	23.30 0.17 0.00	22.80 0.17 0.00	26.00 0.22 0.00	27.89 0.23 0.00	32.43 0.25 0.00	35.89 0.44 0.00	35.50 0.72 0.00	34.03 0.58 0.00	34.79 0.46 0.00	33.49 0.05 0.00	35.59 -0.18 0.00	34.77 -0.16 0.00	37.09 0.49 0.00	35.94 0.63 0.00	36.20 0.44 0.00	37.02 0.83 0.00	36.57 1.02 0.00	34.98 1.01 0.00	34.84 0.92 0.00	32.43 0.39 0.00	28.24 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.62 -0.66 0.00	22.34 -0.68 0.00	19.74 -0.56 0.00	22.53 -0.61 0.00	22.02 -0.62 0.00	25.13 -0.66 0.00	26.87 -0.79 0.00	31.23 -0.94 0.00	34.50 -0.95 0.00	33.95 -0.84 0.00	32.74 -0.70 0.00	33.78 -0.56 0.00	32.94 -0.51 0.00	35.32 -0.45 0.00	34.49 -0.44 0.00	36.17 -0.43 0.00	34.95 -0.37 0.00	35.44 -0.32 0.00	35.88 -0.31 0.00	35.15 -0.40 0.00	33.52 -0.46 0.00	33.35 -0.57 0.00	31.37 -0.66 0.00	27.48 -0.61 0.00
HELLGATE_13_KV_LD 55870	25.77 1.49 0.00	24.41 1.40 0.00	21.44 1.14 0.00	24.40 1.27 0.00	23.93 1.29 0.00	27.28 1.50 0.00	29.45 1.79 0.00	34.37 2.19 0.00	37.88 2.43 0.00	37.09 2.31 0.00	35.82 2.37 0.00	36.91 2.58 0.00	36.08 2.64 0.00	38.56 2.79 0.00	37.87 2.95 0.00	39.72 3.12 0.00	38.36 3.05 0.00	38.77 3.01 0.00	39.02 2.82 0.00	38.26 2.71 0.00	36.50 2.52 0.00	36.37 2.45 0.00	34.18 2.13 0.00	30.06 1.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.77 1.49 0.00	24.41 1.40 0.00	21.44 1.14 0.00	24.40 1.27 0.00	23.93 1.29 0.00	27.28 1.50 0.00	29.45 1.79 0.00	34.37 2.19 0.00	37.88 2.43 0.00	37.09 2.31 0.00	35.82 2.37 0.00	36.91 2.58 0.00	36.08 2.64 0.00	38.56 2.79 0.00	37.87 2.95 0.00	39.72 3.12 0.00	38.36 3.05 0.00	38.77 3.01 0.00	39.02 2.82 0.00	38.26 2.71 0.00	36.50 2.52 0.00	36.37 2.45 0.00	34.18 2.13 0.00	30.06 1.98 0.00
HEMPSTEAD___ 23647	25.73 1.45 0.00	24.43 1.41 0.00	21.39 1.09 0.00	24.36 1.22 0.00	23.91 1.27 0.00	27.25 1.46 0.00	29.32 1.66 0.00	32.85 1.84 1.16	35.03 2.04 2.46	36.77 1.98 0.00	35.57 2.13 0.00	36.73 2.40 0.00	35.98 2.54 0.00	38.45 2.68 0.00	38.04 3.11 0.00	39.83 3.23 0.00	38.38 3.06 0.00	38.93 3.17 0.00	39.15 2.96 0.00	38.32 2.76 0.00	36.52 2.54 0.00	36.38 2.46 0.00	34.21 2.17 0.00	30.11 2.02 0.00
HEWLETT_69_KV_BK3 55828	26.03 1.74 0.00	24.68 1.66 0.00	21.61 1.31 0.00	24.61 1.48 0.00	24.14 1.51 0.00	27.53 1.75 0.00	29.59 1.93 0.00	34.09 2.18 0.26	37.33 2.43 0.55	37.14 2.35 0.00	35.94 2.49 0.00	37.14 2.81 0.00	36.36 2.92 0.00	38.85 3.08 0.00	38.40 3.47 0.00	40.24 3.64 0.00	38.73 3.42 0.00	39.27 3.51 0.00	39.49 3.29 0.00	38.62 3.07 0.00	36.80 2.82 0.00	36.67 2.76 0.00	34.53 2.50 0.00	30.45 2.36 0.00
HICKLING___1 23621	24.10 -0.18 0.00	22.62 -0.39 0.00	19.88 -0.41 0.00	22.70 -0.43 0.00	22.17 -0.47 0.00	25.49 -0.30 0.00	27.31 -0.35 0.00	31.73 -0.45 0.00	35.33 -0.12 0.00	34.88 0.10 0.00	33.56 0.12 0.00	34.78 0.45 0.00	33.87 0.42 0.00	36.46 0.68 0.00	35.45 0.52 0.00	37.10 0.50 0.00	35.71 0.39 0.00	36.36 0.60 0.00	36.78 0.59 0.00	35.77 0.22 0.00	34.16 0.18 0.00	34.00 0.08 0.00	32.03 -0.01 0.00	27.96 -0.13 0.00
HICKLING___2 23622	24.10 -0.18 0.00	22.62 -0.39 0.00	19.88 -0.41 0.00	22.70 -0.43 0.00	22.17 -0.47 0.00	25.49 -0.30 0.00	27.31 -0.35 0.00	31.73 -0.45 0.00	35.33 -0.12 0.00	34.88 0.10 0.00	33.56 0.12 0.00	34.78 0.45 0.00	33.87 0.42 0.00	36.46 0.68 0.00	35.45 0.52 0.00	37.10 0.50 0.00	35.71 0.39 0.00	36.36 0.60 0.00	36.78 0.59 0.00	35.77 0.22 0.00	34.16 0.18 0.00	34.00 0.08 0.00	32.03 -0.01 0.00	27.96 -0.13 0.00
HIGH FALLS___HY 23754	25.54 1.26 0.00	24.16 1.14 0.00	21.22 0.92 0.00	24.16 1.03 0.00	23.67 1.04 0.00	27.01 1.22 0.00	29.09 1.43 0.00	34.03 1.85 0.00	37.63 2.19 0.00	36.96 2.17 0.00	35.70 2.26 0.00	36.86 2.52 0.00	35.99 2.55 0.00	38.37 2.60 0.00	37.64 2.72 0.00	39.56 2.96 0.00	38.26 2.94 0.00	39.00 3.24 0.00	39.22 3.03 0.00	38.31 2.76 0.00	36.47 2.49 0.00	36.21 2.29 0.00	33.99 1.95 0.00	29.77 1.69 0.00
HIGH_RIVER___SOLAR 323847	25.07 0.79 0.00	23.76 0.74 0.00	20.95 0.65 0.00	23.87 0.74 0.00	23.37 0.73 0.00	26.64 0.85 0.00	28.62 0.96 0.00	33.25 1.08 0.00	36.57 1.12 0.00	35.70 0.91 0.00	34.26 0.82 0.00	34.99 0.65 0.00	33.83 0.39 0.00	36.35 0.58 0.00	35.49 0.57 0.00	37.54 0.93 0.00	36.35 1.03 0.00	36.80 1.04 0.00	37.53 1.34 0.00	36.99 1.44 0.00	35.47 1.49 0.00	35.30 1.38 0.00	33.19 1.15 0.00	29.10 1.02 0.00

HILLBURN___GT 23639	25.43 1.15 0.00	24.10 1.08 0.00	21.18 0.88 0.00	24.12 0.99 0.00	23.65 1.01 0.00	26.98 1.20 0.00	29.05 1.39 0.00	33.90 1.73 0.00	37.43 1.98 0.00	36.69 1.91 0.00	35.43 1.98 0.00	36.56 2.23 0.00	35.74 2.30 0.00	38.23 2.45 0.00	37.54 2.61 0.00	39.31 2.70 0.00	38.00 2.69 0.00	38.50 2.75 0.00	38.78 2.59 0.00	37.96 2.41 0.00	36.23 2.25 0.00	36.07 2.16 0.00	33.86 1.82 0.00	29.71 1.62 0.00
HILLSIDE_115KV_TB1 80332	23.78 -0.51 0.00	22.37 -0.65 0.00	19.68 -0.61 0.00	22.48 -0.66 0.00	21.95 -0.69 0.00	25.22 -0.56 0.00	26.99 -0.67 0.00	31.40 -0.78 0.00	34.93 -0.52 0.00	34.45 -0.33 0.00	33.20 -0.25 0.00	34.42 0.09 0.00	33.45 0.01 0.00	35.95 0.18 0.00	34.95 0.03 0.00	36.61 0.01 0.00	35.24 -0.08 0.00	35.92 0.16 0.00	36.29 0.09 0.00	35.28 -0.27 0.00	33.67 -0.31 0.00	33.54 -0.38 0.00	31.61 -0.43 0.00	27.59 -0.50 0.00
HISHELDN_WT_PWR 323625	23.60 -0.68 0.00	22.12 -0.90 0.00	19.44 -0.86 0.00	22.26 -0.87 0.00	21.70 -0.93 0.00	25.00 -0.78 0.00	26.67 -0.99 0.00	30.76 -1.41 0.00	34.24 -1.20 0.00	33.91 -0.87 0.00	32.70 -0.74 0.00	33.89 -0.45 0.00	33.02 -0.42 0.00	35.66 -0.11 0.00	34.38 -0.54 0.00	36.03 -0.57 0.00	34.72 -0.60 0.00	35.31 -0.45 0.00	35.69 -0.51 0.00	34.64 -0.91 0.00	33.08 -0.90 0.00	33.08 -0.84 0.00	31.30 -0.75 0.00	27.51 -0.58 0.00
HOLTSVILLE_IC_1 23690	25.60 1.32 0.00	24.37 1.35 0.00	21.30 1.00 0.00	24.33 1.20 0.00	23.90 1.26 0.00	27.22 1.43 0.00	29.28 1.62 0.00	31.86 1.62 1.93	33.11 1.75 4.08	36.56 1.78 0.00	35.37 1.92 0.00	36.53 2.19 0.00	35.83 2.39 0.00	38.20 2.43 0.00	37.80 2.87 0.00	39.55 2.95 0.00	38.16 2.85 0.00	38.71 2.95 0.00	39.01 2.82 0.00	38.24 2.69 0.00	36.55 2.57 0.00	36.35 2.43 0.00	34.05 2.01 0.00	30.03 1.95 0.00
HOLTSVILLE_IC_10 23699	25.74 1.45 0.00	24.49 1.47 0.00	21.42 1.12 0.00	24.46 1.33 0.00	24.02 1.39 0.00	27.37 1.58 0.00	29.44 1.78 0.00	32.06 1.81 1.91	33.38 1.99 4.06	36.82 2.03 0.00	35.63 2.18 0.00	36.82 2.49 0.00	36.12 2.68 0.00	38.50 2.73 0.00	38.11 3.18 0.00	39.89 3.29 0.00	38.48 3.16 0.00	39.06 3.31 0.00	39.35 3.16 0.00	38.56 3.01 0.00	36.87 2.89 0.00	36.64 2.73 0.00	34.29 2.25 0.00	30.24 2.15 0.00
HOLTSVILLE_IC_2 23691	25.60 1.32 0.00	24.37 1.35 0.00	21.30 1.00 0.00	24.33 1.20 0.00	23.90 1.26 0.00	27.22 1.43 0.00	29.28 1.62 0.00	31.86 1.62 1.93	33.11 1.75 4.08	36.56 1.78 0.00	35.37 1.92 0.00	36.53 2.19 0.00	35.83 2.39 0.00	38.20 2.43 0.00	37.80 2.87 0.00	39.55 2.95 0.00	38.16 2.85 0.00	38.71 2.95 0.00	39.01 2.82 0.00	38.24 2.69 0.00	36.55 2.57 0.00	36.35 2.43 0.00	34.05 2.01 0.00	30.03 1.95 0.00
HOLTSVILLE_IC_3 23692	25.60 1.32 0.00	24.37 1.35 0.00	21.30 1.00 0.00	24.33 1.20 0.00	23.90 1.26 0.00	27.22 1.43 0.00	29.28 1.62 0.00	31.86 1.62 1.93	33.11 1.75 4.08	36.56 1.78 0.00	35.37 1.92 0.00	36.53 2.19 0.00	35.83 2.39 0.00	38.20 2.43 0.00	37.80 2.87 0.00	39.55 2.95 0.00	38.16 2.85 0.00	38.71 2.95 0.00	39.01 2.82 0.00	38.24 2.69 0.00	36.55 2.57 0.00	36.35 2.43 0.00	34.05 2.01 0.00	30.03 1.95 0.00
HOLTSVILLE_IC_4 23693	25.60 1.32 0.00	24.37 1.35 0.00	21.30 1.00 0.00	24.33 1.20 0.00	23.90 1.26 0.00	27.22 1.43 0.00	29.28 1.62 0.00	31.86 1.62 1.93	33.11 1.75 4.08	36.56 1.78 0.00	35.37 1.92 0.00	36.53 2.19 0.00	35.83 2.39 0.00	38.20 2.43 0.00	37.80 2.87 0.00	39.55 2.95 0.00	38.16 2.85 0.00	38.71 2.95 0.00	39.01 2.82 0.00	38.24 2.69 0.00	36.55 2.57 0.00	36.35 2.43 0.00	34.05 2.01 0.00	30.03 1.95 0.00
HOLTSVILLE_IC_5 23694	25.60 1.32 0.00	24.37 1.35 0.00	21.30 1.00 0.00	24.33 1.20 0.00	23.90 1.26 0.00	27.22 1.43 0.00	29.28 1.62 0.00	31.86 1.62 1.93	33.11 1.75 4.08	36.56 1.78 0.00	35.37 1.92 0.00	36.53 2.19 0.00	35.83 2.39 0.00	38.20 2.43 0.00	37.80 2.87 0.00	39.55 2.95 0.00	38.16 2.85 0.00	38.71 2.95 0.00	39.01 2.82 0.00	38.24 2.69 0.00	36.55 2.57 0.00	36.35 2.43 0.00	34.05 2.01 0.00	30.03 1.95 0.00
HOLTSVILLE_IC_6 23695	25.74 1.45 0.00	24.49 1.47 0.00	21.42 1.12 0.00	24.46 1.33 0.00	24.02 1.39 0.00	27.37 1.58 0.00	29.44 1.78 0.00	32.06 1.81 1.91	33.38 1.99 4.06	36.82 2.03 0.00	35.63 2.18 0.00	36.82 2.49 0.00	36.12 2.68 0.00	38.50 2.73 0.00	38.11 3.18 0.00	39.89 3.29 0.00	38.48 3.16 0.00	39.06 3.31 0.00	39.35 3.16 0.00	38.56 3.01 0.00	36.87 2.89 0.00	36.64 2.73 0.00	34.29 2.25 0.00	30.24 2.15 0.00
HOLTSVILLE_IC_7 23696	25.74 1.45 0.00	24.49 1.47 0.00	21.42 1.12 0.00	24.46 1.33 0.00	24.02 1.39 0.00	27.37 1.58 0.00	29.44 1.78 0.00	32.06 1.81 1.91	33.38 1.99 4.06	36.82 2.03 0.00	35.63 2.18 0.00	36.82 2.49 0.00	36.12 2.68 0.00	38.50 2.73 0.00	38.11 3.18 0.00	39.89 3.29 0.00	38.48 3.16 0.00	39.06 3.31 0.00	39.35 3.16 0.00	38.56 3.01 0.00	36.87 2.89 0.00	36.64 2.73 0.00	34.29 2.25 0.00	30.24 2.15 0.00
HOLTSVILLE_IC_8 23697	25.74 1.45 0.00	24.49 1.47 0.00	21.42 1.12 0.00	24.46 1.33 0.00	24.02 1.39 0.00	27.37 1.58 0.00	29.44 1.78 0.00	32.06 1.81 1.91	33.38 1.99 4.06	36.82 2.03 0.00	35.63 2.18 0.00	36.82 2.49 0.00	36.12 2.68 0.00	38.50 2.73 0.00	38.11 3.18 0.00	39.89 3.29 0.00	38.48 3.16 0.00	39.06 3.31 0.00	39.35 3.16 0.00	38.56 3.01 0.00	36.87 2.89 0.00	36.64 2.73 0.00	34.29 2.25 0.00	30.24 2.15 0.00
HOLTSVILLE_IC_9 23698	25.74 1.45 0.00	24.49 1.47 0.00	21.42 1.12 0.00	24.46 1.33 0.00	24.02 1.39 0.00	27.37 1.58 0.00	29.44 1.78 0.00	32.06 1.81 1.91	33.38 1.99 4.06	36.82 2.03 0.00	35.63 2.18 0.00	36.82 2.49 0.00	36.12 2.68 0.00	38.50 2.73 0.00	38.11 3.18 0.00	39.89 3.29 0.00	38.48 3.16 0.00	39.06 3.31 0.00	39.35 3.16 0.00	38.56 3.01 0.00	36.87 2.89 0.00	36.64 2.73 0.00	34.29 2.25 0.00	30.24 2.15 0.00
HOMER_HL_115KV_TB2 355744	23.89 -0.39 0.00	22.47 -0.55 0.00	19.77 -0.52 0.00	22.60 -0.54 0.00	22.02 -0.62 0.00	25.46 -0.33 0.00	27.16 -0.50 0.00	31.44 -0.73 0.00	34.97 -0.48 0.00	34.69 -0.09 0.00	33.47 0.02 0.00	34.53 0.20 0.00	33.22 -0.22 0.00	35.57 -0.20 0.00	34.41 -0.51 0.00	36.09 -0.51 0.00	34.72 -0.59 0.00	35.42 -0.34 0.00	35.80 -0.40 0.00	34.65 -0.91 0.00	33.10 -0.88 0.00	33.09 -0.83 0.00	31.60 -0.45 0.00	27.76 -0.33 0.00
HOWARD_WT_PWR 323690	24.20 -0.09 0.00	22.36 -0.65 0.00	19.58 -0.71 0.00	22.32 -0.82 0.00	21.72 -0.92 0.00	25.09 -0.70 0.00	26.98 -0.68 0.00	31.49 -0.68 0.00	35.36 -0.09 0.19	34.98 0.19 0.00	33.50 0.05 0.00	34.52 0.18 0.00	33.78 0.34 0.00	36.58 0.81 0.00	35.12 0.20 0.00	36.68 0.08 0.00	35.16 -0.16 0.00	35.99 0.23 0.00	36.32 0.13 0.00	35.52 -0.03 0.00	34.10 0.12 0.00	33.74 -0.17 0.00	31.76 -0.28 0.00	27.71 -0.37 0.00

HQ_GEN_CEDARS 23644	24.21 -0.08 0.00	22.93 -0.09 0.00	20.18 -0.12 0.00	22.98 -0.15 0.00	22.47 -0.16 0.00	25.59 -0.20 0.00	27.43 -0.23 0.00	31.91 -0.27 0.00	35.05 -0.40 0.00	34.44 -0.34 0.00	33.02 -0.42 0.00	33.70 -0.63 0.00	26.47 -0.69 6.28	24.03 -0.82 10.93	27.74 -0.88 6.31	35.72 -0.88 0.00	33.94 -1.37 0.00	25.15 -1.41 9.20	34.90 -1.29 0.00	34.28 -1.27 0.00	32.80 -1.18 0.00	33.47 -0.45 0.00	31.71 -0.33 0.00	27.71 -0.37 0.00
HQ_GEN_CEDARS_PROXY 323590	24.21 -0.08 0.00	22.93 -0.09 0.00	20.18 -0.12 0.00	22.98 -0.15 0.00	22.47 -0.16 0.00	25.59 -0.20 0.00	27.43 -0.23 0.00	31.91 -0.27 0.00	35.05 -0.40 0.00	34.44 -0.34 0.00	33.02 -0.42 0.00	33.70 -0.63 0.00	26.47 -0.70 6.28	24.03 -0.82 10.93	27.74 -0.88 6.31	35.72 -0.88 0.00	33.94 -1.38 0.00	25.15 -1.41 9.20	34.90 -1.29 0.00	34.28 -1.27 0.00	32.80 -1.18 0.00	33.47 -0.45 0.00	31.71 -0.33 0.00	27.71 -0.38 0.00
HQ_GEN_IMPORT 323601	24.13 -0.15 0.00	22.87 -0.15 0.00	20.04 -0.15 0.10	22.94 -0.19 0.00	22.44 -0.19 0.00	25.56 -0.23 0.00	27.41 -0.25 0.00	31.88 -0.29 0.00	35.08 -0.37 0.00	34.10 -0.34 0.35	33.07 -0.38 0.00	33.80 -0.53 0.00	31.20 -0.52 1.72	32.20 -0.58 3.00	32.54 -0.66 1.73	34.79 -0.70 1.12	34.55 -0.76 0.00	24.62 -0.80 10.33	35.43 -0.76 0.00	34.80 -0.75 0.00	33.28 -0.70 0.00	33.39 -0.53 0.00	31.70 -0.34 0.00	27.76 -0.33 0.00
HQ_GEN_WHEEL 23651	24.13 -0.15 0.00	22.87 -0.15 0.00	20.04 -0.15 0.10	22.94 -0.19 0.00	22.44 -0.19 0.00	25.56 -0.23 0.00	27.41 -0.25 0.00	31.88 -0.29 0.00	35.08 -0.37 0.00	34.10 -0.34 0.35	33.07 -0.38 0.00	33.80 -0.53 0.00	31.20 -0.52 1.72	32.20 -0.58 3.00	32.54 -0.66 1.73	34.79 -0.70 1.12	34.55 -0.76 0.00	24.62 -0.80 10.33	35.43 -0.76 0.00	34.80 -0.75 0.00	33.28 -0.70 0.00	33.39 -0.53 0.00	31.70 -0.34 0.00	27.76 -0.33 0.00
HUDSON_AVE_GT_3 23810	25.80 1.52 0.00	24.45 1.43 0.00	21.47 1.17 0.00	24.43 1.30 0.00	23.95 1.32 0.00	27.31 1.52 0.00	29.46 1.80 0.00	34.40 2.23 0.00	37.96 2.51 0.00	37.20 2.41 0.00	35.90 2.46 0.00	37.03 2.69 0.00	36.18 2.74 0.00	38.70 2.93 0.00	38.01 3.09 0.00	39.89 3.29 0.00	38.51 3.19 0.00	38.95 3.19 0.00	39.22 3.03 0.00	38.41 2.86 0.00	36.62 2.64 0.00	36.49 2.57 0.00	34.24 2.21 0.00	30.08 1.99 0.00
HUDSON_AVE_GT_4 23540	25.80 1.52 0.00	24.45 1.43 0.00	21.47 1.17 0.00	24.43 1.30 0.00	23.95 1.32 0.00	27.31 1.52 0.00	29.46 1.80 0.00	34.40 2.23 0.00	37.96 2.51 0.00	37.20 2.41 0.00	35.90 2.46 0.00	37.03 2.69 0.00	36.18 2.74 0.00	38.70 2.93 0.00	38.01 3.09 0.00	39.89 3.29 0.00	38.51 3.19 0.00	38.95 3.19 0.00	39.22 3.03 0.00	38.41 2.86 0.00	36.62 2.64 0.00	36.49 2.57 0.00	34.24 2.21 0.00	30.08 1.99 0.00
HUDSON_AVE_GT_5 23657	25.80 1.52 0.00	24.45 1.43 0.00	21.47 1.17 0.00	24.43 1.30 0.00	23.95 1.32 0.00	27.31 1.52 0.00	29.46 1.80 0.00	34.40 2.23 0.00	37.96 2.51 0.00	37.20 2.41 0.00	35.90 2.46 0.00	37.03 2.69 0.00	36.18 2.74 0.00	38.70 2.93 0.00	38.01 3.09 0.00	39.89 3.29 0.00	38.51 3.19 0.00	38.95 3.19 0.00	39.22 3.03 0.00	38.41 2.86 0.00	36.62 2.64 0.00	36.49 2.57 0.00	34.24 2.21 0.00	30.08 1.99 0.00
HUDSON_AVE_10 24168	25.75 1.47 0.00	24.40 1.38 0.00	21.43 1.13 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.40 1.74 0.00	34.34 2.17 0.00	37.88 2.44 0.00	37.11 2.33 0.00	35.83 2.38 0.00	36.95 2.62 0.00	36.10 2.66 0.00	38.60 2.83 0.00	37.92 2.99 0.00	39.78 3.18 0.00	38.42 3.10 0.00	38.85 3.09 0.00	39.11 2.92 0.00	38.30 2.75 0.00	36.53 2.54 0.00	36.40 2.49 0.00	34.17 2.13 0.00	30.02 1.93 0.00
HUDSON___115KV_TB 4 355613	25.24 0.96 0.00	23.98 0.96 0.00	21.16 0.86 0.00	24.11 0.97 0.00	23.63 0.99 0.00	26.88 1.09 0.00	28.91 1.25 0.00	33.59 1.41 0.00	36.91 1.46 0.00	36.09 1.30 0.00	34.65 1.20 0.00	35.61 1.27 0.00	34.55 1.11 0.00	36.98 1.21 0.00	36.28 1.36 0.00	37.78 1.18 0.00	36.60 1.28 0.00	37.29 1.54 0.00	37.80 1.61 0.00	37.27 1.72 0.00	35.80 1.82 0.00	35.51 1.59 0.00	33.30 1.26 0.00	29.17 1.08 0.00
HUNTER MOUNT___DRP 323613	25.39 1.10 0.00	24.12 1.11 0.00	21.29 0.99 0.00	24.26 1.13 0.00	23.77 1.13 0.00	27.05 1.26 0.00	29.11 1.45 0.00	33.83 1.66 0.00	37.21 1.76 0.00	36.36 1.58 0.00	34.88 1.44 0.00	35.81 1.48 0.00	34.69 1.25 0.00	37.16 1.39 0.00	36.43 1.50 0.00	37.91 1.31 0.00	36.76 1.44 0.00	37.52 1.76 0.00	38.08 1.89 0.00	37.57 2.02 0.00	36.12 2.14 0.00	35.81 1.89 0.00	33.56 1.52 0.00	29.36 1.27 0.00
HUNTINGTON_RES_REC 323705	25.66 1.38 0.00	24.42 1.40 0.00	21.34 1.04 0.00	24.34 1.21 0.00	23.91 1.27 0.00	27.23 1.45 0.00	29.28 1.62 0.00	31.93 1.67 1.91	33.19 1.79 4.05	36.55 1.77 0.00	35.39 1.95 0.00	36.53 2.19 0.00	35.82 2.38 0.00	38.21 2.44 0.00	37.86 2.93 0.00	39.66 3.06 0.00	38.22 2.91 0.00	38.80 3.04 0.00	39.07 2.88 0.00	38.24 2.68 0.00	36.52 2.54 0.00	36.32 2.40 0.00	34.03 1.99 0.00	30.04 1.95 0.00
HUNTLEY___63 23557	23.51 -0.78 0.00	22.08 -0.94 0.00	19.46 -0.83 0.00	22.30 -0.83 0.00	21.71 -0.92 0.00	24.99 -0.79 0.00	26.61 -1.05 0.00	30.49 -1.69 0.00	33.82 -1.63 0.00	33.56 -1.22 0.00	32.51 -0.94 0.00	33.78 -0.55 0.00	32.92 -0.52 0.00	35.57 -0.20 0.00	34.24 -0.68 0.00	35.86 -0.75 0.00	34.64 -0.68 0.00	35.24 -0.52 0.00	35.65 -0.56 -0.02	34.52 -1.05 -0.02	32.84 -1.16 -0.02	32.87 -1.06 -0.02	31.06 -1.00 -0.02	27.41 -0.68 0.00
HUNTLEY___64 23558	23.51 -0.78 0.00	22.08 -0.94 0.00	19.46 -0.83 0.00	22.30 -0.83 0.00	21.71 -0.92 0.00	24.99 -0.79 0.00	26.61 -1.05 0.00	30.49 -1.69 0.00	33.82 -1.63 0.00	33.56 -1.22 0.00	32.51 -0.94 0.00	33.78 -0.55 0.00	32.92 -0.52 0.00	35.57 -0.20 0.00	34.24 -0.68 0.00	35.86 -0.75 0.00	34.64 -0.68 0.00	35.24 -0.52 0.00	35.65 -0.56 -0.02	34.52 -1.05 -0.02	32.84 -1.16 -0.02	32.87 -1.06 -0.02	31.06 -1.00 -0.02	27.41 -0.68 0.00
HUNTLEY___65 23559	23.51 -0.78 0.00	22.08 -0.94 0.00	19.46 -0.83 0.00	22.30 -0.83 0.00	21.71 -0.92 0.00	24.99 -0.79 0.00	26.61 -1.05 0.00	30.49 -1.69 0.00	33.82 -1.63 0.00	33.56 -1.22 0.00	32.51 -0.94 0.00	33.78 -0.55 0.00	32.92 -0.52 0.00	35.57 -0.20 0.00	34.24 -0.68 0.00	35.86 -0.75 0.00	34.64 -0.68 0.00	35.24 -0.52 0.00	35.65 -0.56 -0.02	34.52 -1.05 -0.02	32.84 -1.16 -0.02	32.87 -1.06 -0.02	31.06 -1.00 -0.02	27.41 -0.68 0.00
HUNTLEY___66 23560	23.51 -0.78 0.00	22.08 -0.94 0.00	19.46 -0.83 0.00	22.30 -0.83 0.00	21.71 -0.92 0.00	24.99 -0.79 0.00	26.61 -1.05 0.00	30.49 -1.69 0.00	33.82 -1.63 0.00	33.56 -1.22 0.00	32.51 -0.94 0.00	33.78 -0.55 0.00	32.92 -0.52 0.00	35.57 -0.20 0.00	34.24 -0.68 0.00	35.86 -0.75 0.00	34.64 -0.68 0.00	35.24 -0.52 0.00	35.65 -0.56 -0.02	34.52 -1.05 -0.02	32.84 -1.16 -0.02	32.87 -1.06 -0.02	31.06 -1.00 -0.02	27.41 -0.68 0.00



HUNTLEY___67 23561	23.49 -0.79 0.00	22.06 -0.96 0.00	19.45 -0.85 0.00	22.30 -0.83 0.00	21.70 -0.93 0.00	25.00 -0.78 0.00	26.60 -1.06 0.00	30.57 -1.61 0.00	33.90 -1.55 0.00	33.60 -1.18 0.00	32.51 -0.93 0.00	33.77 -0.57 0.00	32.89 -0.56 0.00	35.51 -0.27 0.00	34.23 -0.69 0.00	35.87 -0.74 -0.01	34.60 -0.72 -0.01	35.22 -0.55 0.00	35.63 -0.57 0.00	34.51 -1.04 0.00	32.87 -1.11 0.00	32.92 -1.00 0.00	31.12 -0.92 0.00	27.40 -0.69 0.00
HUNTLEY___68 23562	23.49 -0.79 0.00	22.06 -0.96 0.00	19.45 -0.85 0.00	22.30 -0.83 0.00	21.70 -0.93 0.00	25.00 -0.78 0.00	26.60 -1.06 0.00	30.57 -1.61 0.00	33.90 -1.55 0.00	33.60 -1.18 0.00	32.51 -0.93 0.00	33.77 -0.57 0.00	32.89 -0.56 0.00	35.51 -0.27 0.00	34.23 -0.69 0.00	35.87 -0.74 -0.01	34.60 -0.72 -0.01	35.22 -0.55 0.00	35.63 -0.57 0.00	34.51 -1.04 0.00	32.87 -1.11 0.00	32.92 -1.00 0.00	31.12 -0.92 0.00	27.40 -0.69 0.00
HYLAND___LFG 323620	25.02 0.73 0.00	23.44 0.42 0.00	20.52 0.22 0.00	23.40 0.27 0.00	22.83 0.20 0.00	26.31 0.52 0.00	28.22 0.56 0.00	32.47 0.29 0.00	35.10 -0.35 0.00	33.94 -0.84 0.00	32.54 -0.90 0.00	33.77 -0.57 0.00	33.10 -0.34 0.00	35.75 -0.02 0.00	34.66 -0.27 0.00	36.05 -0.55 0.00	34.97 -0.35 0.00	35.45 -0.31 0.00	36.75 0.56 0.00	36.13 0.58 0.00	34.61 0.63 0.00	34.58 0.66 0.00	32.45 0.41 0.00	28.97 0.88 0.00
INDECK___CORINTH 23802	25.52 1.24 0.00	24.18 1.17 0.00	21.26 0.96 0.00	24.24 1.10 0.00	23.76 1.12 0.00	27.05 1.26 0.00	29.22 1.57 0.00	33.94 1.77 0.00	37.36 1.91 0.00	36.44 1.66 0.00	34.66 1.22 0.00	35.69 1.35 0.00	34.63 1.18 0.00	36.90 1.13 0.00	36.24 1.31 0.00	38.11 1.51 0.00	36.94 1.62 0.00	37.53 1.77 0.00	38.33 2.14 0.00	37.86 2.31 0.00	36.53 2.55 0.00	36.23 2.31 0.00	33.91 1.87 0.00	29.69 1.60 0.00
INDECK___ILION 23567	24.49 0.21 0.00	23.21 0.19 0.00	20.46 0.17 0.00	23.31 0.18 0.00	22.82 0.19 0.00	26.05 0.27 0.00	28.00 0.34 0.00	32.54 0.37 0.00	35.88 0.43 0.00	35.14 0.36 0.00	33.76 0.31 0.00	34.59 0.25 0.00	36.17 0.30 -2.43	40.37 0.37 -4.23	37.84 0.47 -2.44	37.09 0.49 0.00	35.85 0.54 0.00	39.93 0.61 -3.56	36.84 0.64 0.00	36.24 0.69 0.00	34.73 0.75 0.00	34.53 0.61 0.00	32.46 0.42 0.00	28.45 0.36 0.00
INDECK___OLEAN 23982	23.89 -0.39 0.00	22.47 -0.55 0.00	19.77 -0.53 0.00	22.60 -0.54 0.00	22.02 -0.62 0.00	25.46 -0.33 0.00	27.16 -0.50 0.00	31.45 -0.73 0.00	34.97 -0.47 0.00	34.69 -0.10 0.00	33.45 0.01 0.00	34.54 0.21 0.00	33.21 -0.23 0.00	35.57 -0.20 0.00	34.38 -0.55 0.00	36.09 -0.52 0.00	34.72 -0.60 0.00	35.42 -0.34 0.00	35.79 -0.40 0.00	34.65 -0.91 0.00	33.10 -0.88 0.00	33.08 -0.84 0.00	31.60 -0.44 0.00	27.75 -0.33 0.00
INDECK___OSWEGO 23783	23.28 -1.00 0.00	22.03 -0.99 0.00	19.48 -0.82 0.00	22.23 -0.90 0.00	21.74 -0.89 0.00	24.78 -1.00 0.00	26.49 -1.17 0.00	30.81 -1.36 0.00	34.03 -1.42 0.00	33.47 -1.31 0.00	32.17 -1.27 0.00	32.94 -1.39 0.00	27.45 -1.53 4.47	26.44 -1.55 7.78	28.94 -1.49 4.49	35.17 -1.43 0.00	34.03 -1.28 0.00	27.85 -1.35 6.55	34.96 -1.24 0.00	34.26 -1.29 0.00	32.72 -1.27 0.00	32.58 -1.34 0.00	30.82 -1.22 0.00	27.06 -1.03 0.00
INDECK___YERKES 23781	23.54 -0.75 0.00	22.10 -0.92 0.00	19.48 -0.81 0.00	22.32 -0.81 0.00	21.74 -0.90 0.00	25.02 -0.76 0.00	26.64 -1.02 0.00	30.52 -1.65 0.00	33.87 -1.58 0.00	33.60 -1.19 0.00	32.54 -0.91 0.00	33.83 -0.50 0.00	32.96 -0.48 0.00	35.61 -0.16 0.00	34.23 -0.69 0.00	35.91 -0.69 0.00	34.68 -0.64 0.00	35.30 -0.47 0.00	35.70 -0.51 -0.02	34.56 -1.00 -0.02	32.89 -1.11 -0.02	32.90 -1.03 -0.02	31.09 -0.96 -0.02	27.45 -0.64 0.00
INDIAN POINT_GT_1 24139	25.45 1.17 0.00	24.13 1.12 0.00	21.21 0.91 0.00	24.14 1.01 0.00	23.67 1.03 0.00	26.99 1.20 0.00	29.08 1.42 0.00	33.93 1.75 0.00	37.44 1.99 0.00	36.68 1.90 0.00	35.40 1.95 0.00	36.51 2.17 0.00	35.67 2.23 0.00	38.13 2.36 0.00	37.46 2.53 0.00	39.24 2.65 0.00	37.94 2.62 0.00	38.42 2.66 0.00	38.71 2.52 0.00	37.92 2.37 0.00	36.18 2.21 0.00	36.04 2.12 0.00	33.83 1.79 0.00	29.72 1.63 0.00
INDIAN POINT_GT_2 23659	25.45 1.17 0.00	24.13 1.12 0.00	21.21 0.91 0.00	24.14 1.01 0.00	23.67 1.03 0.00	26.99 1.20 0.00	29.08 1.42 0.00	33.93 1.75 0.00	37.44 1.99 0.00	36.68 1.90 0.00	35.40 1.95 0.00	36.51 2.17 0.00	35.67 2.23 0.00	38.13 2.36 0.00	37.46 2.53 0.00	39.24 2.65 0.00	37.94 2.62 0.00	38.42 2.66 0.00	38.71 2.52 0.00	37.92 2.37 0.00	36.18 2.21 0.00	36.04 2.12 0.00	33.83 1.79 0.00	29.72 1.63 0.00
INDIAN POINT_GT_3 24019	25.45 1.17 0.00	24.13 1.12 0.00	21.21 0.91 0.00	24.14 1.01 0.00	23.67 1.03 0.00	26.99 1.20 0.00	29.08 1.42 0.00	33.93 1.75 0.00	37.44 1.99 0.00	36.68 1.90 0.00	35.40 1.95 0.00	36.51 2.17 0.00	35.67 2.23 0.00	38.13 2.36 0.00	37.46 2.53 0.00	39.24 2.65 0.00	37.94 2.62 0.00	38.42 2.66 0.00	38.71 2.52 0.00	37.92 2.37 0.00	36.18 2.21 0.00	36.04 2.12 0.00	33.83 1.79 0.00	29.72 1.63 0.00
INDIAN POINT___2 23530	25.41 1.13 0.00	24.09 1.07 0.00	21.18 0.88 0.00	24.11 0.97 0.00	23.64 1.00 0.00	26.95 1.17 0.00	29.03 1.37 0.00	33.87 1.70 0.00	37.38 1.94 0.00	36.63 1.84 0.00	35.34 1.90 0.00	36.47 2.14 0.00	35.63 2.19 0.00	38.09 2.33 0.00	37.42 2.49 0.00	39.20 2.60 0.00	37.88 2.57 0.00	38.36 2.60 0.00	38.65 2.45 0.00	37.84 2.29 0.00	36.12 2.14 0.00	35.97 2.06 0.00	33.78 1.74 0.00	29.66 1.57 0.00
INDIAN POINT___3 23531	25.41 1.13 0.00	24.10 1.08 0.00	21.18 0.88 0.00	24.12 0.98 0.00	23.64 1.00 0.00	26.96 1.17 0.00	29.03 1.37 0.00	33.87 1.70 0.00	37.37 1.92 0.00	36.62 1.83 0.00	35.33 1.89 0.00	36.44 2.11 0.00	35.60 2.16 0.00	38.06 2.29 0.00	37.38 2.45 0.00	39.16 2.56 0.00	37.85 2.53 0.00	38.32 2.57 0.00	38.61 2.42 0.00	37.82 2.27 0.00	36.09 2.11 0.00	35.94 2.03 0.00	33.75 1.71 0.00	29.65 1.56 0.00
INGHAM_C_115KV_TB7 356103	24.62 0.34 0.00	23.34 0.32 0.00	20.57 0.27 0.00	23.40 0.27 0.00	22.94 0.30 0.00	26.25 0.46 0.00	28.27 0.61 0.00	32.83 0.66 0.00	36.22 0.77 0.00	35.39 0.60 0.00	33.92 0.47 0.00	34.55 0.22 0.00	36.24 0.37 -2.43	40.51 0.51 -4.23	38.08 0.71 -2.44	37.33 0.73 0.00	36.11 0.80 0.00	40.26 0.94 -3.56	37.20 1.01 0.00	36.69 1.14 0.00	35.29 1.31 0.00	35.00 1.09 0.00	32.79 0.75 0.00	28.73 0.64 0.00
IP CORINTH___1 23988	25.65 1.37 0.00	24.32 1.30 0.00	21.37 1.07 0.00	24.36 1.23 0.00	23.87 1.24 0.00	27.19 1.41 0.00	29.38 1.72 0.00	34.13 1.96 0.00	37.55 2.10 0.00	36.64 1.86 0.00	34.85 1.41 0.00	35.88 1.55 0.00	34.82 1.38 0.00	37.11 1.34 0.00	36.42 1.50 0.00	38.31 1.71 0.00	37.15 1.83 0.00	37.73 1.97 0.00	38.54 2.34 0.00	38.07 2.52 0.00	36.73 2.75 0.00	36.42 2.50 0.00	34.09 2.05 0.00	29.85 1.76 0.00

IP___TICONDEROGA 23804	27.37 3.08 0.00	25.84 2.82 0.00	22.49 2.20 0.00	25.61 2.48 0.00	25.13 2.50 0.00	28.66 2.88 0.00	31.29 3.63 0.00	36.12 3.95 0.00	39.73 4.28 0.00	38.25 3.47 0.00	36.36 2.92 0.00	37.70 3.37 0.00	36.66 3.21 0.00	39.06 3.29 0.00	38.41 3.48 0.00	40.53 3.93 0.00	39.10 3.79 0.00	40.00 4.25 0.00	40.86 4.67 0.00	40.44 4.88 0.00	38.99 5.01 0.00	38.67 4.75 0.00	36.09 4.05 0.00	31.61 3.52 0.00
ISLIP_RES_REC 323679	25.87 1.58 0.00	24.62 1.60 0.00	21.52 1.22 0.00	24.58 1.45 0.00	24.14 1.51 0.00	27.50 1.72 0.00	29.61 1.95 0.00	32.28 2.01 1.91	33.65 2.25 4.05	37.09 2.31 0.00	35.90 2.45 0.00	37.11 2.78 0.00	36.40 2.96 0.00	38.81 3.04 0.00	38.42 3.50 0.00	40.20 3.60 0.00	38.79 3.48 0.00	39.41 3.65 0.00	39.69 3.50 0.00	38.87 3.32 0.00	37.15 3.17 0.00	36.92 3.01 0.00	34.53 2.49 0.00	30.43 2.34 0.00
JAMAICA__27_KV_LOAD 355505	26.05 1.77 0.00	24.65 1.64 0.00	21.64 1.34 0.00	24.63 1.50 0.00	24.14 1.51 0.00	27.52 1.74 0.00	29.70 2.04 0.00	34.71 2.54 0.00	38.28 2.83 0.00	37.46 2.68 0.00	36.14 2.70 0.00	37.35 3.01 0.00	36.44 3.00 0.00	38.95 3.18 0.00	38.28 3.35 0.00	40.11 3.51 0.00	38.78 3.46 0.00	39.23 3.47 0.00	39.49 3.30 0.00	38.66 3.11 0.00	36.91 2.93 0.00	36.81 2.90 0.00	34.55 2.51 0.00	30.32 2.24 0.00
JANIS___SOLAR 323808	25.20 0.91 0.00	23.75 0.74 0.00	20.93 0.63 0.00	23.85 0.71 0.00	23.31 0.68 0.00	26.69 0.91 0.00	28.60 0.94 0.00	33.21 1.04 0.00	36.77 1.32 0.00	36.09 1.31 0.00	34.91 1.46 0.00	35.95 1.61 0.00	34.49 1.05 0.00	37.11 1.34 0.00	36.22 1.29 0.00	38.43 1.83 0.00	37.25 1.94 0.00	37.97 2.21 0.00	38.40 2.21 0.00	37.63 2.08 0.00	35.80 1.82 0.00	35.67 1.75 0.00	33.63 1.59 0.00	29.31 1.22 0.00
JARVIS____ 23743	24.33 0.04 0.00	23.06 0.05 0.00	20.34 0.04 0.00	23.18 0.05 0.00	22.68 0.05 0.00	25.84 0.06 0.00	27.74 0.08 0.00	32.25 0.08 0.00	35.55 0.11 0.00	34.87 0.08 0.00	33.55 0.10 0.00	34.47 0.14 0.00	36.00 0.13 -2.43	40.13 0.13 -4.23	37.54 0.18 -2.44	36.78 0.18 0.00	35.53 0.21 0.00	39.54 0.22 -3.56	36.42 0.23 0.00	35.80 0.25 0.00	34.21 0.23 0.00	34.09 0.17 0.00	32.13 0.09 0.00	28.17 0.08 0.00
JENNISON___1 23625	25.80 1.51 0.00	24.33 1.31 0.00	21.42 1.12 0.00	24.45 1.32 0.00	23.91 1.27 0.00	27.36 1.57 0.00	29.24 1.58 0.00	33.97 1.79 0.00	37.67 2.22 0.00	36.88 2.09 0.00	35.73 2.29 0.00	36.81 2.48 0.00	35.66 2.21 0.00	38.16 2.39 0.00	37.43 2.50 0.00	39.36 2.76 0.00	38.14 2.83 0.00	38.88 3.12 0.00	39.23 3.04 0.00	38.22 2.67 0.00	36.28 2.31 0.00	36.23 2.32 0.00	34.41 2.37 0.00	30.03 1.95 0.00
JENNISON___2 23626	25.80 1.51 0.00	24.33 1.31 0.00	21.42 1.12 0.00	24.45 1.32 0.00	23.91 1.27 0.00	27.36 1.57 0.00	29.24 1.58 0.00	33.97 1.79 0.00	37.67 2.22 0.00	36.88 2.09 0.00	35.73 2.29 0.00	36.81 2.48 0.00	35.66 2.21 0.00	38.16 2.39 0.00	37.43 2.50 0.00	39.36 2.76 0.00	38.14 2.83 0.00	38.88 3.12 0.00	39.23 3.04 0.00	38.22 2.67 0.00	36.28 2.31 0.00	36.23 2.32 0.00	34.41 2.37 0.00	30.03 1.95 0.00
JERICHO_RISE_WT_PWR 323719	24.65 0.37 0.00	23.40 0.38 0.00	20.50 0.20 0.00	23.36 0.22 0.00	22.86 0.23 0.00	26.01 0.22 0.00	27.93 0.27 0.00	32.44 0.26 0.00	35.73 0.28 0.00	35.09 0.31 0.00	33.59 0.14 0.00	34.33 0.00 5.07	28.49 0.12 8.83	26.93 0.00 5.10	29.46 -0.37 0.00	36.27 -0.33 0.00	34.84 -0.47 0.00	27.68 -0.64 7.44	35.48 -0.72 0.00	34.59 -0.96 0.00	33.72 -0.26 0.00	34.18 0.26 0.00	31.96 -0.08 0.00	27.65 -0.43 0.00
KATONAH__115KV_46KV_TB4 355592	25.62 1.34 0.00	24.29 1.27 0.00	21.33 1.03 0.00	24.28 1.15 0.00	23.80 1.16 0.00	27.14 1.36 0.00	29.27 1.60 0.00	34.16 1.99 0.00	37.72 2.27 0.00	36.95 2.17 0.00	35.64 2.19 0.00	36.76 2.43 0.00	35.91 2.46 0.00	38.38 2.61 0.00	37.71 2.78 0.00	39.55 2.95 0.00	38.23 2.92 0.00	38.71 2.96 0.00	39.03 2.84 0.00	38.23 2.68 0.00	36.47 2.49 0.00	36.30 2.38 0.00	34.06 2.02 0.00	29.90 1.82 0.00
KCE_NY_1 323755	25.67 1.39 0.00	24.37 1.35 0.00	21.45 1.15 0.00	24.45 1.32 0.00	23.96 1.32 0.00	27.29 1.51 0.00	29.41 1.76 0.00	34.18 2.00 0.00	37.60 2.15 0.00	36.75 1.97 0.00	35.15 1.71 0.00	36.12 1.79 0.00	35.13 1.69 0.00	37.50 1.73 0.00	36.77 1.85 0.00	38.57 1.97 0.00	37.41 2.09 0.00	37.94 2.18 0.00	38.54 2.34 0.00	38.05 2.50 0.00	36.55 2.57 0.00	36.26 2.35 0.00	34.00 1.96 0.00	29.81 1.72 0.00
KCE_NY_6_ESR 323823	23.77 -0.52 0.00	22.30 -0.72 0.00	19.63 -0.66 0.00	22.51 -0.62 0.00	21.92 -0.72 0.00	25.25 -0.53 0.00	26.88 -0.78 0.00	30.93 -1.24 0.00	34.36 -1.09 0.00	34.05 -0.73 0.00	32.94 -0.50 0.00	34.23 -0.10 0.00	33.32 -0.12 0.00	35.97 0.20 0.00	34.66 -0.27 0.00	36.38 -0.22 -0.01	35.07 -0.24 0.00	35.71 -0.05 0.00	36.13 -0.07 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.71 -0.38 0.00
KEDC_PORT_JEFF_GT2 24210	25.67 1.39 0.00	24.44 1.43 0.00	21.37 1.07 0.00	24.41 1.27 0.00	23.97 1.34 0.00	27.30 1.51 0.00	29.38 1.71 0.00	31.98 1.72 1.92	33.26 1.89 4.07	36.71 1.93 0.00	35.52 2.07 0.00	36.68 2.34 0.00	35.97 2.53 0.00	38.32 2.55 0.00	37.95 3.02 0.00	39.71 3.11 0.00	38.14 2.82 0.00	38.68 2.93 0.00	38.99 2.80 0.00	38.24 2.68 0.00	36.73 2.75 0.00	36.52 2.60 0.00	34.17 2.13 0.00	30.15 2.06 0.00
KEDC_PORT_JEFF_GT3 24211	25.67 1.39 0.00	24.44 1.43 0.00	21.37 1.07 0.00	24.41 1.27 0.00	23.97 1.34 0.00	27.30 1.51 0.00	29.38 1.71 0.00	31.98 1.72 1.92	33.26 1.89 4.07	36.71 1.93 0.00	35.52 2.07 0.00	36.68 2.34 0.00	35.97 2.53 0.00	38.32 2.55 0.00	37.95 3.02 0.00	39.71 3.11 0.00	38.14 2.82 0.00	38.68 2.93 0.00	38.99 2.80 0.00	38.24 2.68 0.00	36.73 2.75 0.00	36.52 2.60 0.00	34.17 2.13 0.00	30.15 2.06 0.00
KEDC_GLWD_GT4 24219	25.89 1.61 0.00	24.56 1.55 0.00	21.51 1.21 0.00	24.50 1.37 0.00	24.04 1.41 0.00	27.41 1.63 0.00	29.50 1.84 0.00	33.41 2.07 0.84	36.00 2.32 1.78	37.04 2.25 0.00	35.83 2.39 0.00	37.01 2.68 0.00	36.25 2.80 0.00	38.75 2.97 0.00	38.32 3.39 0.00	40.14 3.54 0.00	38.60 3.28 0.00	39.13 3.38 0.00	39.35 3.16 0.00	38.47 2.91 0.00	36.66 2.68 0.00	36.53 2.61 0.00	34.43 2.39 0.00	30.28 2.19 0.00
KEDC_GLWD_GT5 24220	25.89 1.61 0.00	24.56 1.55 0.00	21.51 1.21 0.00	24.50 1.37 0.00	24.04 1.41 0.00	27.41 1.63 0.00	29.50 1.84 0.00	33.41 2.07 0.84	36.00 2.32 1.78	37.04 2.25 0.00	35.83 2.39 0.00	37.01 2.68 0.00	36.25 2.80 0.00	38.75 2.97 0.00	38.32 3.39 0.00	40.14 3.54 0.00	38.60 3.28 0.00	39.13 3.38 0.00	39.35 3.16 0.00	38.47 2.91 0.00	36.66 2.68 0.00	36.53 2.61 0.00	34.43 2.39 0.00	30.28 2.19 0.00

KENSICO____ 23655	25.54 1.26 0.00	24.22 1.20 0.00	21.28 0.98 0.00	24.23 1.09 0.00	23.75 1.11 0.00	27.07 1.29 0.00	29.18 1.52 0.00	34.05 1.88 0.00	37.57 2.12 0.00	36.81 2.02 0.00	35.50 2.06 0.00	36.62 2.29 0.00	35.78 2.33 0.00	38.25 2.48 0.00	37.57 2.64 0.00	39.39 2.79 0.00	38.04 2.73 0.00	38.52 2.76 0.00	38.80 2.61 0.00	38.00 2.44 0.00	36.26 2.28 0.00	36.11 2.19 0.00	33.91 1.87 0.00	29.79 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.54 1.25 0.00	24.17 1.15 0.00	21.23 0.93 0.00	24.17 1.04 0.00	23.68 1.05 0.00	27.01 1.22 0.00	29.10 1.44 0.00	34.02 1.84 0.00	37.61 2.16 0.00	36.90 2.12 0.00	35.63 2.19 0.00	36.78 2.44 0.00	35.89 2.45 0.00	38.28 2.51 0.00	37.54 2.61 0.00	39.45 2.84 0.00	38.16 2.84 0.00	38.90 3.14 0.00	39.15 2.96 0.00	38.27 2.72 0.00	36.46 2.48 0.00	36.22 2.30 0.00	33.98 1.94 0.00	29.77 1.68 0.00
KIAC_JFK_GT1 23816	25.86 1.58 0.00	24.49 1.47 0.00	21.50 1.20 0.00	24.47 1.34 0.00	23.98 1.35 0.00	27.34 1.55 0.00	29.50 1.84 0.00	34.48 2.31 0.00	38.02 2.57 0.00	37.21 2.42 0.00	35.90 2.45 0.00	37.04 2.70 0.00	36.07 2.63 0.00	38.54 2.77 0.00	37.87 2.95 0.00	39.69 3.09 0.00	38.37 3.06 0.00	38.81 3.05 0.00	39.06 2.87 0.00	38.24 2.69 0.00	36.51 2.53 0.00	36.42 2.50 0.00	34.19 2.15 0.00	30.02 1.94 0.00
KIAC_JFK_GT2 23817	25.86 1.58 0.00	24.49 1.47 0.00	21.50 1.20 0.00	24.47 1.34 0.00	23.98 1.35 0.00	27.34 1.55 0.00	29.50 1.84 0.00	34.48 2.31 0.00	38.02 2.57 0.00	37.21 2.42 0.00	35.90 2.45 0.00	37.04 2.70 0.00	36.07 2.63 0.00	38.54 2.77 0.00	37.87 2.95 0.00	39.69 3.09 0.00	38.37 3.06 0.00	38.81 3.05 0.00	39.06 2.87 0.00	38.24 2.69 0.00	36.51 2.53 0.00	36.42 2.50 0.00	34.19 2.15 0.00	30.02 1.94 0.00
KIAC_JFK____ 323774	25.87 1.59 0.00	24.49 1.47 0.00	21.50 1.20 0.00	24.47 1.34 0.00	23.98 1.35 0.00	27.34 1.55 0.00	29.50 1.84 0.00	34.48 2.31 0.00	38.02 2.57 0.00	37.21 2.43 0.00	35.90 2.46 0.00	37.04 2.70 0.00	36.07 2.63 0.00	38.54 2.77 0.00	37.88 2.96 0.00	39.69 3.09 0.00	38.37 3.06 0.00	38.81 3.05 0.00	39.06 2.87 0.00	38.24 2.69 0.00	36.50 2.53 0.00	36.43 2.51 0.00	34.19 2.15 0.00	30.02 1.93 0.00
KINTIGH____ 23543	23.29 -1.00 0.00	21.95 -1.07 0.00	19.37 -0.93 0.00	22.16 -0.97 0.00	21.60 -1.04 0.00	24.84 -0.95 0.00	26.44 -1.22 0.00	30.38 -1.80 0.00	33.59 -1.86 0.00	33.22 -1.57 0.00	32.12 -1.33 0.00	33.33 -1.01 0.00	32.48 -0.96 0.00	35.02 -0.75 0.00	33.76 -1.17 0.00	35.33 -1.27 0.00	34.14 -1.18 0.00	34.77 -0.99 0.00	35.21 -0.98 0.00	34.17 -1.39 0.00	32.55 -1.42 0.00	32.58 -1.33 0.00	30.78 -1.26 0.00	27.13 -0.96 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.51 1.23 0.00	24.26 1.24 0.00	21.16 0.86 0.00	24.06 0.92 0.00	23.59 0.96 0.00	26.87 1.08 0.00	28.91 1.25 0.00	33.48 1.31 0.00	36.94 1.49 0.00	36.20 1.42 0.00	34.57 1.13 0.00	35.44 1.11 0.00	30.29 1.38 4.54	29.12 1.25 7.90	30.99 0.62 4.56	37.30 0.70 0.00	35.77 0.46 0.00	29.29 0.19 6.66	36.23 0.04 0.00	35.17 -0.38 0.00	34.70 0.72 0.00	35.44 1.52 0.00	32.99 0.95 0.00	28.44 0.36 0.00
LACHUTE__HYDRO 323717	27.37 3.08 0.00	25.84 2.82 0.00	22.49 2.19 0.00	25.61 2.48 0.00	25.13 2.50 0.00	28.66 2.88 0.00	31.29 3.63 0.00	36.12 3.95 0.00	39.73 4.28 0.00	38.25 3.47 0.00	36.36 2.91 0.00	37.70 3.37 0.00	36.66 3.22 0.00	39.06 3.29 0.00	38.41 3.48 0.00	40.53 3.93 0.00	39.10 3.79 0.00	40.00 4.25 0.00	40.86 4.67 0.00	40.43 4.88 0.00	38.99 5.01 0.00	38.67 4.75 0.00	36.09 4.05 0.00	31.61 3.52 0.00
LAWRNCAY_115KV_TB1 80681	23.92 -0.36 0.00	22.64 -0.38 0.00	19.91 -0.39 0.00	22.67 -0.46 0.00	22.17 -0.46 0.00	25.24 -0.54 0.00	27.07 -0.59 0.00	31.50 -0.68 0.00	34.59 -0.85 0.00	34.04 -0.75 0.00	32.61 -0.84 0.00	33.20 -1.13 0.00	21.07 -1.25 11.12	15.00 -1.41 19.36	22.33 -1.42 11.17	35.26 -1.34 0.00	33.55 -1.76 0.00	17.62 -1.82 16.31	34.58 -1.61 0.00	34.00 -1.55 0.00	32.59 -1.39 0.00	33.18 -0.74 0.00	31.31 -0.73 0.00	27.29 -0.80 0.00
LEDERLE____ 23769	25.50 1.21 0.00	24.17 1.15 0.00	21.25 0.95 0.00	24.20 1.06 0.00	23.72 1.08 0.00	27.06 1.27 0.00	29.13 1.47 0.00	33.99 1.82 0.00	37.53 2.09 0.00	36.80 2.01 0.00	35.52 2.08 0.00	36.66 2.33 0.00	35.84 2.39 0.00	38.33 2.56 0.00	37.63 2.71 0.00	39.41 2.81 0.00	38.11 2.80 0.00	38.61 2.85 0.00	38.89 2.70 0.00	38.06 2.51 0.00	36.33 2.35 0.00	36.17 2.25 0.00	33.94 1.90 0.00	29.79 1.70 0.00
LIGHTHSE_115KV_TB6 355974	23.75 -0.53 0.00	22.41 -0.61 0.00	19.78 -0.51 0.00	22.57 -0.56 0.00	22.07 -0.57 0.00	25.17 -0.61 0.00	26.96 -0.70 0.00	31.46 -0.71 0.00	34.80 -0.64 0.00	34.41 -0.37 0.00	32.89 -0.56 0.00	33.52 -0.82 0.00	17.78 -1.47 14.18	9.59 -1.49 24.70	19.45 -1.22 14.25	35.82 -0.78 0.00	34.83 -0.48 0.00	14.01 -0.95 20.80	35.84 -0.36 0.00	35.26 -0.29 0.00	33.69 -0.29 0.00	33.57 -0.34 0.00	31.44 -0.60 0.00	27.45 -0.64 0.00
LINDEN COGEN____ 23786	25.65 1.37 0.00	24.32 1.30 0.00	21.35 1.06 0.00	24.29 1.16 0.00	23.83 1.19 0.00	27.15 1.37 0.00	29.29 1.63 0.00	34.18 2.01 0.00	37.71 2.26 0.00	36.94 2.15 0.00	35.67 2.22 0.00	36.79 2.45 0.00	35.97 2.53 0.00	38.46 2.69 0.00	37.81 2.89 0.00	39.65 3.05 0.00	38.26 2.94 0.00	38.71 2.95 0.00	38.99 2.80 0.00	38.20 2.65 0.00	36.42 2.44 0.00	36.28 2.36 0.00	34.07 2.03 0.00	29.92 1.83 0.00
LINDHRST_69_KV_BK1 356055	25.95 1.67 0.00	24.65 1.63 0.00	21.55 1.26 0.00	24.57 1.44 0.00	24.12 1.49 0.00	27.49 1.71 0.00	29.57 1.91 0.00	32.50 2.06 1.73	34.05 2.28 3.68	37.05 2.27 0.00	35.84 2.39 0.00	37.04 2.71 0.00	36.31 2.87 0.00	38.78 3.01 0.00	38.35 3.43 0.00	40.20 3.60 0.00	38.80 3.48 0.00	39.35 3.59 0.00	39.66 3.47 0.00	38.82 3.27 0.00	37.03 3.05 0.00	36.88 2.96 0.00	34.59 2.55 0.00	30.50 2.41 0.00
LIPA_MISC_IPP 23656	25.56 1.28 0.00	24.35 1.33 0.00	21.31 1.01 0.00	24.37 1.23 0.00	23.93 1.30 0.00	27.25 1.47 0.00	29.33 1.67 0.00	31.82 1.56 1.92	33.08 1.71 4.08	36.55 1.77 0.00	35.37 1.93 0.00	36.59 2.26 0.00	35.88 2.44 0.00	38.24 2.47 0.00	37.80 2.87 0.00	39.60 3.00 0.00	38.25 2.93 0.00	38.85 3.09 0.00	39.16 2.97 0.00	38.36 2.81 0.00	36.66 2.68 0.00	36.43 2.51 0.00	34.09 2.05 0.00	30.06 1.97 0.00
LISF__SOLAR 323691	25.62 1.34 0.00	24.40 1.38 0.00	21.35 1.05 0.00	24.42 1.28 0.00	23.99 1.35 0.00	27.32 1.54 0.00	29.40 1.74 0.00	31.89 1.64 1.92	33.17 1.80 4.08	36.64 1.86 0.00	35.47 2.02 0.00	36.69 2.36 0.00	36.00 2.55 0.00	38.35 2.58 0.00	37.92 3.00 0.00	39.70 3.10 0.00	38.35 3.03 0.00	38.98 3.22 0.00	39.28 3.09 0.00	38.49 2.95 0.00	36.78 2.80 0.00	36.55 2.63 0.00	34.20 2.16 0.00	30.13 2.05 0.00

LITTLE FALLS___HYD 24013	24.62 0.34 0.00	23.34 0.32 0.00	20.57 0.27 0.00	23.40 0.27 0.00	22.94 0.30 0.00	26.25 0.46 0.00	28.27 0.61 0.00	32.83 0.66 0.00	36.22 0.77 0.00	35.39 0.60 0.00	33.92 0.47 0.00	34.55 0.22 0.00	36.24 0.37 -2.43	40.51 0.51 -4.23	38.08 0.71 -2.44	37.33 0.73 0.00	36.11 0.80 0.00	40.26 0.94 -3.56	37.20 1.01 0.00	36.69 1.14 0.00	35.29 1.31 0.00	35.00 1.09 0.00	32.79 0.75 0.00	28.73 0.64 0.00
LITTLRIV_115KV_TB1 356100	24.26 -0.03 0.00	22.94 -0.07 0.00	20.18 -0.12 0.00	22.97 -0.16 0.00	22.47 -0.17 0.00	25.60 -0.19 0.00	27.46 -0.20 0.00	31.90 -0.27 0.00	34.95 -0.50 0.00	34.38 -0.40 0.00	32.98 -0.47 0.00	33.47 -0.86 0.00	20.44 -1.09 11.92	13.93 -1.10 20.74	21.94 -1.01 11.97	35.62 -0.98 0.00	33.79 -1.52 0.00	16.88 -1.40 17.47	35.13 -1.06 0.00	34.52 -1.03 0.00	33.10 -0.88 0.00	33.69 -0.23 0.00	31.80 -0.24 0.00	27.68 -0.41 0.00
LI_NEWBRDGE___DRP 323616	25.61 1.32 0.00	24.32 1.30 0.00	21.29 0.99 0.00	24.27 1.13 0.00	23.82 1.18 0.00	27.14 1.35 0.00	29.19 1.53 0.00	31.83 1.68 2.02	32.99 1.83 4.29	36.56 1.78 0.00	35.35 1.90 0.00	36.50 2.17 0.00	35.74 2.30 0.00	38.18 2.41 0.00	37.74 2.81 0.00	39.55 2.95 0.00	38.11 2.80 0.00	38.65 2.89 0.00	38.92 2.73 0.00	38.06 2.51 0.00	36.30 2.32 0.00	36.15 2.24 0.00	33.98 1.94 0.00	29.94 1.85 0.00
LOCKPORT_115KV_TB60_63_64 80432	23.30 -0.99 0.00	21.91 -1.11 0.00	19.32 -0.98 0.00	22.14 -0.99 0.00	21.55 -1.08 0.00	24.82 -0.97 0.00	26.42 -1.24 0.00	30.25 -1.92 0.00	33.50 -1.96 0.00	33.18 -1.60 0.00	32.13 -1.31 0.00	33.38 -0.96 0.00	32.55 -0.89 0.00	35.17 -0.61 0.00	33.86 -1.07 0.00	35.41 -1.19 0.00	34.19 -1.12 0.00	34.85 -0.91 0.00	35.31 -0.89 0.00	34.22 -1.33 0.00	32.61 -1.37 0.00	32.65 -1.27 0.00	30.89 -1.16 0.00	27.27 -0.82 0.00
LOCKPORT___CC1 323769	23.24 -1.05 0.00	21.86 -1.16 0.00	19.27 -1.02 0.00	22.09 -1.04 0.00	21.50 -1.13 0.00	24.76 -1.02 0.00	26.36 -1.31 0.00	30.19 -1.98 0.00	33.42 -2.02 0.00	33.10 -1.69 0.00	32.04 -1.40 0.00	33.31 -1.03 0.00	32.45 -0.99 0.00	35.06 -0.71 0.00	33.70 -1.23 0.00	35.30 -1.30 0.00	34.09 -1.23 0.00	34.74 -1.02 0.00	35.18 -1.02 0.00	34.10 -1.46 0.00	32.50 -1.48 0.00	32.54 -1.38 0.00	30.82 -1.22 0.00	27.22 -0.87 0.00
LOCKPORT___CC2 323770	23.24 -1.05 0.00	21.86 -1.16 0.00	19.27 -1.02 0.00	22.09 -1.04 0.00	21.50 -1.13 0.00	24.76 -1.02 0.00	26.36 -1.31 0.00	30.19 -1.98 0.00	33.42 -2.02 0.00	33.10 -1.69 0.00	32.04 -1.40 0.00	33.31 -1.03 0.00	32.45 -0.99 0.00	35.06 -0.71 0.00	33.70 -1.23 0.00	35.30 -1.30 0.00	34.09 -1.23 0.00	34.74 -1.02 0.00	35.18 -1.02 0.00	34.10 -1.46 0.00	32.50 -1.48 0.00	32.54 -1.38 0.00	30.82 -1.22 0.00	27.22 -0.87 0.00
LOCKPORT___CC3 323771	23.24 -1.05 0.00	21.86 -1.16 0.00	19.27 -1.02 0.00	22.09 -1.04 0.00	21.50 -1.13 0.00	24.76 -1.02 0.00	26.36 -1.31 0.00	30.19 -1.98 0.00	33.42 -2.02 0.00	33.10 -1.69 0.00	32.04 -1.40 0.00	33.31 -1.03 0.00	32.45 -0.99 0.00	35.06 -0.71 0.00	33.70 -1.23 0.00	35.30 -1.30 0.00	34.09 -1.23 0.00	34.74 -1.02 0.00	35.18 -1.02 0.00	34.10 -1.46 0.00	32.50 -1.48 0.00	32.54 -1.38 0.00	30.82 -1.22 0.00	27.22 -0.87 0.00
LONG_LAKE_PHOENIX 24014	23.43 -0.86 0.00	22.17 -0.85 0.00	19.60 -0.70 0.00	22.36 -0.77 0.00	21.87 -0.77 0.00	24.94 -0.85 0.00	26.67 -0.99 0.00	30.99 -1.19 0.00	34.21 -1.24 0.00	33.64 -1.14 0.00	32.41 -1.03 0.00	33.33 -1.01 0.00	30.24 -0.96 2.24	30.94 -0.92 3.90	31.76 -0.91 2.25	35.70 -0.90 0.00	34.57 -0.74 0.00	31.70 -0.77 3.29	35.48 -0.71 0.00	34.79 -0.76 0.00	33.21 -0.76 0.00	33.05 -0.87 0.00	31.10 -0.94 0.00	27.24 -0.85 0.00
LOVETT___3 23632	25.35 1.06 0.00	24.04 1.03 0.00	21.15 0.85 0.00	24.08 0.94 0.00	23.60 0.97 0.00	26.91 1.13 0.00	28.96 1.30 0.00	33.79 1.61 0.00	37.28 1.83 0.00	36.53 1.75 0.00	35.26 1.81 0.00	36.38 2.05 0.00	35.55 2.11 0.00	38.02 2.25 0.00	37.33 2.40 0.00	39.09 2.49 0.00	37.80 2.48 0.00	38.28 2.53 0.00	38.57 2.37 0.00	37.75 2.20 0.00	36.04 2.06 0.00	35.89 1.98 0.00	33.70 1.66 0.00	29.59 1.50 0.00
LOVETT___4 23642	25.35 1.06 0.00	24.04 1.03 0.00	21.15 0.85 0.00	24.08 0.94 0.00	23.60 0.97 0.00	26.91 1.13 0.00	28.96 1.30 0.00	33.79 1.61 0.00	37.28 1.83 0.00	36.53 1.75 0.00	35.26 1.81 0.00	36.38 2.05 0.00	35.55 2.11 0.00	38.02 2.25 0.00	37.33 2.40 0.00	39.09 2.49 0.00	37.80 2.48 0.00	38.28 2.53 0.00	38.57 2.37 0.00	37.75 2.20 0.00	36.04 2.06 0.00	35.89 1.98 0.00	33.70 1.66 0.00	29.59 1.50 0.00
LOVETT___5 23593	25.35 1.06 0.00	24.04 1.03 0.00	21.15 0.85 0.00	24.08 0.94 0.00	23.60 0.97 0.00	26.91 1.13 0.00	28.96 1.30 0.00	33.79 1.61 0.00	37.28 1.83 0.00	36.53 1.75 0.00	35.26 1.81 0.00	36.38 2.05 0.00	35.55 2.11 0.00	38.02 2.25 0.00	37.33 2.40 0.00	39.09 2.49 0.00	37.80 2.48 0.00	38.28 2.53 0.00	38.57 2.37 0.00	37.75 2.20 0.00	36.04 2.06 0.00	35.89 1.98 0.00	33.70 1.66 0.00	29.59 1.50 0.00
LOWER RAQUET___HYD 24057	23.83 -0.45 0.00	22.54 -0.48 0.00	19.82 -0.47 0.00	22.57 -0.56 0.00	22.08 -0.55 0.00	25.14 -0.65 0.00	26.96 -0.70 0.00	31.37 -0.80 0.00	34.45 -1.00 0.00	33.91 -0.87 0.00	32.48 -0.96 0.00	33.05 -1.29 0.00	19.35 -1.43 12.66	12.13 -1.59 22.05	20.61 -1.59 12.72	35.11 -1.49 0.00	33.43 -1.89 0.00	15.23 -1.96 18.57	34.49 -1.70 0.00	33.92 -1.64 0.00	32.53 -1.45 0.00	33.09 -0.82 0.00	31.18 -0.86 0.00	27.16 -0.93 0.00
LOWER___HUDSON 24059	25.15 0.86 0.00	23.93 0.91 0.00	21.09 0.79 0.00	24.04 0.91 0.00	23.55 0.91 0.00	26.80 1.02 0.00	28.83 1.17 0.00	33.49 1.32 0.00	36.81 1.36 0.00	35.98 1.20 0.00	34.48 1.04 0.00	35.45 1.12 0.00	34.51 1.06 0.00	36.84 1.07 0.00	36.09 1.17 0.00	37.71 1.11 0.00	36.50 1.19 0.00	37.00 1.25 0.00	37.43 1.24 0.00	36.98 1.43 0.00	35.45 1.47 0.00	35.20 1.29 0.00	33.08 1.05 0.00	29.07 0.98 0.00
LOWVILLE_115KV_TB2 356335	24.57 0.28 0.00	23.09 0.07 0.00	20.28 -0.01 0.00	23.13 0.00 0.00	22.65 0.01 0.00	25.82 0.03 0.00	27.65 -0.01 0.00	32.16 -0.02 0.00	35.65 0.20 0.00	35.43 0.65 0.00	33.83 0.38 0.00	34.40 0.06 0.00	78.14 -0.55 -45.25	113.62 -0.93 -78.78	79.51 -0.88 -45.46	36.76 0.16 0.00	35.65 0.34 0.00	102.05 -0.06 -66.35	36.70 0.51 0.00	36.40 0.85 0.00	34.86 0.88 0.00	34.73 0.81 0.00	32.13 0.09 0.00	27.90 -0.19 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.65 1.37 0.00	24.35 1.34 0.00	21.44 1.14 0.00	24.44 1.31 0.00	23.94 1.31 0.00	27.28 1.50 0.00	29.39 1.73 0.00	34.15 1.98 0.00	37.57 2.12 0.00	36.72 1.94 0.00	35.13 1.68 0.00	36.12 1.78 0.00	35.11 1.67 0.00	37.47 1.70 0.00	36.74 1.82 0.00	38.54 1.94 0.00	37.37 2.05 0.00	37.91 2.15 0.00	38.50 2.30 0.00	38.00 2.45 0.00	36.50 2.52 0.00	36.22 2.30 0.00	33.97 1.94 0.00	29.78 1.70 0.00

LUTHERNY_35_KV_BK2 355980	25.67 1.39 0.00	24.37 1.35 0.00	21.45 1.15 0.00	24.45 1.32 0.00	23.96 1.32 0.00	27.29 1.51 0.00	29.41 1.75 0.00	34.18 2.01 0.00	37.60 2.15 0.00	36.75 1.97 0.00	35.16 1.71 0.00	36.12 1.79 0.00	35.13 1.69 0.00	37.50 1.73 0.00	36.77 1.85 0.00	38.57 1.97 0.00	37.41 2.09 0.00	37.94 2.18 0.00	38.54 2.34 0.00	38.05 2.50 0.00	36.55 2.58 0.00	36.26 2.34 0.00	34.01 1.97 0.00	29.81 1.72 0.00
LWR___OSWEGATCHIE_HYD 23850	23.99 -0.29 0.00	22.62 -0.39 0.00	19.89 -0.41 0.00	22.66 -0.47 0.00	22.18 -0.46 0.00	25.26 -0.53 0.00	27.09 -0.57 0.00	31.51 -0.66 0.00	34.78 -0.67 0.00	34.45 -0.34 0.00	32.90 -0.54 0.00	33.43 -0.91 0.00	7.93 -1.30 24.21	-7.95 -1.58 42.14	9.12 -1.49 24.32	35.77 -0.83 0.00	34.45 -0.86 0.00	-0.88 -1.15 35.49	35.56 -0.63 0.00	35.21 -0.34 0.00	33.75 -0.23 0.00	33.82 -0.10 0.00	31.45 -0.59 0.00	27.31 -0.77 0.00
LYONS_FALL_HYD 23570	24.65 0.37 0.00	23.22 0.21 0.00	20.44 0.14 0.00	23.30 0.17 0.00	22.80 0.17 0.00	26.00 0.22 0.00	27.89 0.23 0.00	32.43 0.25 0.00	35.89 0.44 0.00	35.50 0.72 0.00	34.03 0.58 0.00	34.79 0.45 0.00	33.49 0.05 0.00	35.59 -0.18 0.00	34.77 -0.16 0.00	37.09 0.49 0.00	35.94 0.63 0.00	36.20 0.44 0.00	37.02 0.82 0.00	36.57 1.02 0.00	34.98 1.00 0.00	34.84 0.92 0.00	32.43 0.39 0.00	28.24 0.15 0.00
MADISON___COUNTY_LFGE 323628	24.78 0.50 0.00	23.40 0.39 0.00	20.64 0.34 0.00	23.52 0.39 0.00	23.00 0.37 0.00	26.26 0.48 0.00	28.20 0.54 0.00	32.78 0.61 0.00	36.20 0.75 0.00	35.60 0.82 0.00	34.32 0.88 0.00	35.38 1.04 0.00	39.29 0.89 -4.96	45.28 0.88 -8.63	40.75 0.84 -4.98	37.64 1.03 0.00	36.43 1.11 0.00	44.27 1.25 -7.27	37.57 1.38 0.00	36.90 1.35 0.00	35.27 1.29 0.00	35.11 1.19 0.00	32.92 0.88 0.00	28.77 0.67 0.00
MALONE___115KV_TB1 356076	24.70 0.41 0.00	23.39 0.38 0.00	20.51 0.21 0.00	23.36 0.23 0.00	22.86 0.23 0.00	26.02 0.24 0.00	27.94 0.28 0.00	32.50 0.33 0.00	35.76 0.31 0.00	35.15 0.36 0.00	33.65 0.21 0.00	34.43 0.09 0.00	26.61 0.14 6.98	23.68 0.06 12.15	27.70 -0.22 7.01	36.48 -0.12 0.00	34.96 -0.36 0.00	25.03 -0.49 10.24	35.71 -0.48 0.00	34.91 -0.64 0.00	33.88 -0.10 0.00	34.35 0.43 0.00	32.15 0.10 0.00	27.83 -0.26 0.00
MAPLEWOD_115KV_TB3 80458	24.97 0.68 0.00	23.74 0.72 0.00	20.95 0.65 0.00	23.87 0.74 0.00	23.38 0.74 0.00	26.61 0.82 0.00	28.60 0.94 0.00	33.26 1.09 0.00	36.60 1.15 0.00	35.82 1.03 0.00	34.38 0.93 0.00	35.37 1.04 0.00	34.45 1.01 0.00	36.81 1.03 0.00	36.10 1.17 0.00	37.72 1.12 0.00	36.50 1.18 0.00	37.02 1.26 0.00	37.41 1.22 0.00	36.86 1.31 0.00	35.30 1.32 0.00	35.07 1.15 0.00	32.94 0.91 0.00	28.92 0.84 0.00
MAPLE_RIDGE_WT_1 323574	24.08 -0.20 0.00	22.72 -0.30 0.00	19.98 -0.32 0.00	22.72 -0.42 0.00	22.17 -0.47 0.00	25.24 -0.55 0.00	27.11 -0.55 0.00	31.63 -0.54 0.00	34.74 -0.71 0.00	34.26 -0.53 0.00	32.88 -0.57 0.00	33.62 -0.71 0.00	30.95 -1.14 1.35	32.12 -1.30 2.36	32.48 -1.09 1.36	35.79 -0.81 0.00	34.44 -0.88 0.00	32.50 -1.27 1.98	35.51 -0.69 0.00	34.88 -0.67 0.00	33.23 -0.74 0.00	33.26 -0.66 0.00	31.39 -0.65 0.00	27.38 -0.71 0.00
MAPLE_RIDGE_WT_2 323611	24.08 -0.20 0.00	22.72 -0.30 0.00	19.98 -0.32 0.00	22.72 -0.42 0.00	22.17 -0.47 0.00	25.24 -0.55 0.00	27.11 -0.55 0.00	31.63 -0.54 0.00	34.74 -0.71 0.00	34.26 -0.53 0.00	32.88 -0.57 0.00	33.62 -0.71 0.00	30.95 -1.14 1.35	32.12 -1.30 2.36	32.48 -1.09 1.36	35.79 -0.81 0.00	34.44 -0.88 0.00	32.50 -1.27 1.98	35.51 -0.69 0.00	34.88 -0.67 0.00	33.23 -0.74 0.00	33.26 -0.66 0.00	31.39 -0.65 0.00	27.38 -0.71 0.00
MARBLE_RIVER_WT_PWR 323696	24.84 0.56 0.00	23.58 0.56 0.00	20.64 0.34 0.00	23.50 0.37 0.00	23.02 0.39 0.00	26.19 0.40 0.00	28.15 0.49 0.00	32.66 0.48 0.00	35.99 0.54 0.00	35.34 0.55 0.00	33.80 0.36 0.00	34.58 0.25 0.00	29.57 0.39 4.26	28.59 0.24 7.42	30.49 -0.16 4.28	36.48 -0.12 0.00	35.04 -0.28 0.00	29.05 -0.46 6.25	35.65 -0.54 0.00	34.73 -0.82 0.00	33.97 -0.01 0.00	34.47 0.56 0.00	32.18 0.14 0.00	27.81 -0.28 0.00
MARSHVLE_115KV_TB1 80742	25.58 1.30 0.00	24.13 1.11 0.00	21.26 0.96 0.00	24.21 1.08 0.00	23.69 1.05 0.00	27.07 1.28 0.00	29.05 1.39 0.00	33.75 1.58 0.00	37.21 1.76 0.00	36.37 1.58 0.00	35.03 1.59 0.00	35.67 1.34 0.00	34.55 1.10 0.00	37.25 1.47 0.00	36.53 1.61 0.00	38.58 1.98 0.00	37.14 1.83 0.00	37.48 1.72 0.00	38.48 2.29 0.00	37.72 2.17 0.00	36.16 2.18 0.00	36.13 2.21 0.00	33.98 1.94 0.00	29.72 1.63 0.00
MARSH_HILL_WT_PWR 323713	24.17 -0.12 0.00	22.34 -0.68 0.00	19.57 -0.73 0.00	22.31 -0.82 0.00	21.70 -0.94 0.00	25.08 -0.71 0.00	26.96 -0.70 0.00	31.46 -0.72 0.00	35.32 -0.13 0.00	34.93 0.14 0.00	33.46 0.01 0.00	34.48 0.15 0.00	33.74 0.30 0.00	36.54 0.77 0.00	35.09 0.16 0.00	36.64 0.04 0.00	35.13 -0.19 0.00	35.90 0.14 0.00	36.25 0.06 0.00	35.44 -0.11 0.00	34.02 0.05 0.00	33.67 -0.25 0.00	31.69 -0.35 0.00	27.68 -0.41 0.00
MCINTYRE_115KV_TB2 80467	24.54 0.26 0.00	23.22 0.20 0.00	20.42 0.13 0.00	23.25 0.12 0.00	22.74 0.10 0.00	25.91 0.12 0.00	27.80 0.14 0.00	32.25 0.08 0.00	35.24 -0.21 0.00	34.64 -0.15 0.00	33.25 -0.19 0.00	33.72 -0.61 0.00	21.84 -0.88 10.72	16.29 -0.82 18.65	23.48 -0.68 10.77	35.91 -0.69 0.00	33.98 -1.33 0.00	18.94 -1.10 15.71	35.53 -0.66 0.00	34.88 -0.67 0.00	33.44 -0.54 0.00	34.05 0.13 0.00	32.21 0.17 0.00	28.06 -0.03 0.00
MECO_____69_KV_BK1 80468	26.52 2.24 0.00	25.06 2.04 0.00	22.07 1.78 0.00	25.14 2.01 0.00	24.62 1.98 0.00	28.17 2.39 0.00	30.24 2.58 0.00	35.01 2.83 0.00	38.62 3.17 0.00	37.35 2.56 0.00	35.49 2.05 0.00	34.98 0.64 0.00	33.94 0.50 0.00	37.39 1.62 0.00	36.76 1.84 0.00	40.96 4.36 0.00	38.50 3.19 0.00	38.43 2.68 0.00	40.40 4.20 0.00	39.62 4.07 0.00	38.19 4.21 0.00	37.94 4.02 0.00	35.49 3.45 0.00	30.92 2.83 0.00
MENANDS___115KV_TB5 355628	24.79 0.51 0.00	23.59 0.57 0.00	20.82 0.52 0.00	23.71 0.58 0.00	23.24 0.60 0.00	26.43 0.64 0.00	28.40 0.74 0.00	33.04 0.87 0.00	36.35 0.89 0.00	35.57 0.78 0.00	34.14 0.70 0.00	35.14 0.80 0.00	34.22 0.78 0.00	36.58 0.81 0.00	35.86 0.93 0.00	37.46 0.86 0.00	36.24 0.92 0.00	36.73 0.97 0.00	37.10 0.90 0.00	36.55 1.00 0.00	34.99 1.01 0.00	34.77 0.85 0.00	32.67 0.63 0.00	28.69 0.61 0.00
MG INDUSTRY___DRP 24185	24.81 0.52 0.00	23.59 0.57 0.00	20.82 0.52 0.00	23.74 0.61 0.00	23.25 0.62 0.00	26.44 0.65 0.00	28.41 0.74 0.00	33.00 0.83 0.00	36.30 0.85 0.00	35.51 0.73 0.00	34.07 0.63 0.00	35.01 0.67 0.00	34.05 0.61 0.00	36.42 0.65 0.00	35.68 0.76 0.00	37.25 0.65 0.00	36.00 0.69 0.00	36.58 0.83 0.00	37.00 0.81 0.00	36.47 0.92 0.00	34.96 0.98 0.00	34.76 0.84 0.00	32.68 0.64 0.00	28.69 0.61 0.00

MID___OSWEGATCHIE_HYD 23849	23.99 -0.29 0.00	22.62 -0.39 0.00	19.89 -0.41 0.00	22.66 -0.47 0.00	22.18 -0.46 0.00	25.26 -0.53 0.00	27.09 -0.57 0.00	31.51 -0.66 0.00	34.78 -0.67 0.00	34.45 -0.34 0.00	32.90 -0.54 0.00	33.43 -0.91 0.00	7.93 -1.30 24.21	-7.95 -1.58 42.14	9.12 -1.49 24.32	35.77 -0.83 0.00	34.45 -0.86 0.00	-0.88 -1.15 35.49	35.56 -0.63 0.00	35.21 -0.34 0.00	33.75 -0.23 0.00	33.82 -0.10 0.00	31.45 -0.59 0.00	27.31 -0.77 0.00
MID___RAQUETTE_HYD 23851	23.83 -0.45 0.00	22.54 -0.48 0.00	19.82 -0.47 0.00	22.57 -0.56 0.00	22.08 -0.55 0.00	25.14 -0.65 0.00	26.96 -0.70 0.00	31.37 -0.80 0.00	34.45 -1.00 0.00	33.91 -0.87 0.00	32.48 -0.97 0.00	33.05 -1.29 0.00	19.35 -1.43 12.66	12.13 -1.59 22.05	20.61 -1.59 12.72	35.11 -1.49 0.00	33.43 -1.89 0.00	15.23 -1.96 18.57	34.49 -1.70 0.00	33.92 -1.64 0.00	32.53 -1.45 0.00	33.09 -0.82 0.00	31.18 -0.86 0.00	27.16 -0.93 0.00
MILLIKEN___1 23584	24.44 0.16 0.00	23.09 0.07 0.00	20.37 0.07 0.00	23.21 0.08 0.00	22.67 0.04 0.00	25.92 0.14 0.00	27.78 0.12 0.00	32.33 0.15 0.00	35.72 0.27 0.00	35.18 0.39 0.00	33.87 0.43 0.00	34.95 0.62 0.00	33.90 0.46 0.00	36.37 0.60 0.00	35.54 0.62 0.00	37.36 0.76 0.00	36.10 0.79 0.00	36.69 0.93 0.00	37.23 1.03 0.00	36.44 0.88 0.00	34.71 0.73 0.00	34.54 0.62 0.00	32.53 0.49 0.00	28.43 0.34 0.00
MILLIKEN___2 23585	24.44 0.16 0.00	23.09 0.07 0.00	20.37 0.07 0.00	23.21 0.08 0.00	22.67 0.04 0.00	25.92 0.14 0.00	27.78 0.12 0.00	32.33 0.15 0.00	35.72 0.27 0.00	35.18 0.39 0.00	33.87 0.43 0.00	34.95 0.62 0.00	33.90 0.46 0.00	36.37 0.60 0.00	35.54 0.62 0.00	37.36 0.76 0.00	36.10 0.79 0.00	36.69 0.93 0.00	37.23 1.03 0.00	36.44 0.88 0.00	34.71 0.73 0.00	34.54 0.62 0.00	32.53 0.49 0.00	28.43 0.34 0.00
MILLIKEN___DIESEL 23629	24.44 0.16 0.00	23.09 0.07 0.00	20.37 0.07 0.00	23.21 0.08 0.00	22.67 0.04 0.00	25.92 0.14 0.00	27.78 0.12 0.00	32.33 0.15 0.00	35.72 0.27 0.00	35.18 0.39 0.00	33.87 0.43 0.00	34.95 0.62 0.00	33.90 0.46 0.00	36.37 0.60 0.00	35.54 0.62 0.00	37.36 0.76 0.00	36.10 0.79 0.00	36.69 0.93 0.00	37.23 1.03 0.00	36.44 0.88 0.00	34.71 0.73 0.00	34.54 0.62 0.00	32.53 0.49 0.00	28.43 0.34 0.00
MILLSEAT___LFGE 323607	23.85 -0.43 0.00	22.41 -0.61 0.00	19.75 -0.54 0.00	22.62 -0.51 0.00	22.03 -0.61 0.00	25.38 -0.41 0.00	27.05 -0.61 0.00	31.08 -1.10 0.00	34.40 -1.05 0.00	34.02 -0.77 0.00	32.92 -0.52 0.00	34.24 -0.09 0.00	33.45 0.01 0.00	36.18 0.40 0.00	34.86 -0.07 0.00	36.36 -0.24 0.00	35.14 -0.17 0.00	35.87 0.11 0.00	36.41 0.21 0.00	35.37 -0.19 0.00	33.69 -0.30 0.00	33.68 -0.24 0.00	31.75 -0.29 0.00	27.94 -0.14 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.48 1.20 0.00	24.16 1.14 0.00	21.23 0.93 0.00	24.17 1.04 0.00	23.69 1.06 0.00	27.01 1.23 0.00	29.11 1.45 0.00	33.96 1.79 0.00	37.47 2.03 0.00	36.72 1.93 0.00	35.42 1.97 0.00	36.53 2.20 0.00	35.69 2.24 0.00	38.16 2.38 0.00	37.47 2.54 0.00	39.27 2.67 0.00	37.95 2.63 0.00	38.43 2.67 0.00	38.71 2.52 0.00	37.92 2.37 0.00	36.19 2.21 0.00	36.04 2.12 0.00	33.84 1.80 0.00	29.72 1.64 0.00
MILLWOOD_13_KV_LOAD 356217	25.56 1.28 0.00	24.24 1.22 0.00	21.29 0.99 0.00	24.24 1.10 0.00	23.76 1.12 0.00	27.09 1.31 0.00	29.21 1.54 0.00	34.08 1.90 0.00	37.61 2.16 0.00	36.85 2.07 0.00	35.56 2.11 0.00	36.67 2.34 0.00	35.83 2.38 0.00	38.30 2.53 0.00	37.63 2.70 0.00	39.42 2.82 0.00	38.10 2.79 0.00	38.59 2.83 0.00	38.88 2.68 0.00	38.07 2.52 0.00	36.34 2.36 0.00	36.18 2.26 0.00	33.96 1.92 0.00	29.83 1.74 0.00
MODEL_CITY_ENERGY 24167	23.05 -1.23 0.00	21.68 -1.33 0.00	19.13 -1.16 0.00	21.93 -1.20 0.00	21.35 -1.29 0.00	24.57 -1.21 0.00	26.14 -1.51 0.00	29.91 -2.26 0.00	33.09 -2.36 0.00	32.77 -2.01 0.00	31.73 -1.72 0.00	32.97 -1.37 0.00	32.11 -1.33 0.00	34.70 -1.07 0.00	33.35 -1.57 0.00	34.94 -1.66 0.00	33.75 -1.57 0.00	34.37 -1.39 0.00	34.83 -1.37 0.00	33.75 -1.80 0.00	32.18 -1.80 0.00	32.24 -1.68 0.00	30.50 -1.55 0.00	26.94 -1.15 0.00
MODERN_LFGE___ 323580	23.05 -1.23 0.00	21.68 -1.33 0.00	19.13 -1.16 0.00	21.93 -1.20 0.00	21.35 -1.29 0.00	24.57 -1.21 0.00	26.14 -1.51 0.00	29.91 -2.26 0.00	33.09 -2.36 0.00	32.77 -2.01 0.00	31.73 -1.72 0.00	32.97 -1.37 0.00	32.11 -1.33 0.00	34.70 -1.07 0.00	33.35 -1.57 0.00	34.94 -1.66 0.00	33.75 -1.57 0.00	34.37 -1.39 0.00	34.83 -1.37 0.00	33.75 -1.80 0.00	32.18 -1.80 0.00	32.24 -1.68 0.00	30.50 -1.55 0.00	26.94 -1.15 0.00
MOHAWK_PAPER___DRP 24187	24.97 0.68 0.00	23.74 0.72 0.00	20.95 0.65 0.00	23.87 0.74 0.00	23.38 0.74 0.00	26.61 0.82 0.00	28.60 0.94 0.00	33.26 1.09 0.00	36.60 1.15 0.00	35.82 1.03 0.00	34.38 0.93 0.00	35.37 1.04 0.00	34.45 1.01 0.00	36.81 1.03 0.00	36.10 1.17 0.00	37.72 1.12 0.00	36.50 1.18 0.00	37.02 1.26 0.00	37.41 1.22 0.00	36.86 1.31 0.00	35.30 1.32 0.00	35.07 1.15 0.00	32.94 0.91 0.00	28.92 0.84 0.00
MOHICAN___35_KV_115KV_LD 80490	25.89 1.61 0.00	24.55 1.53 0.00	21.56 1.26 0.00	24.58 1.45 0.00	24.09 1.45 0.00	27.44 1.66 0.00	29.67 2.01 0.00	34.43 2.25 0.00	37.88 2.43 0.00	36.92 2.14 0.00	35.17 1.73 0.00	36.21 1.88 0.00	35.15 1.71 0.00	37.47 1.70 0.00	36.77 1.84 0.00	38.66 2.06 0.00	37.47 2.16 0.00	38.08 2.32 0.00	38.83 2.63 0.00	38.38 2.82 0.00	36.98 3.01 0.00	36.68 2.76 0.00	34.35 2.31 0.00	30.09 2.00 0.00
MONGAUP___HYD 23641	25.44 1.15 0.00	24.09 1.07 0.00	21.18 0.88 0.00	24.12 0.99 0.00	23.62 0.99 0.00	26.95 1.16 0.00	29.01 1.35 0.00	33.85 1.68 0.00	37.38 1.93 0.00	36.63 1.85 0.00	35.29 1.84 0.00	36.33 1.99 0.00	35.31 1.86 0.00	37.62 1.85 0.00	37.00 2.07 0.00	38.82 2.22 0.00	37.61 2.29 0.00	38.31 2.55 0.00	38.73 2.54 0.00	37.95 2.40 0.00	36.22 2.24 0.00	36.08 2.16 0.00	33.92 1.88 0.00	29.72 1.63 0.00
MONTAUK___DIESEL 23721	26.51 2.23 0.00	25.19 2.17 0.00	22.06 1.76 0.00	25.28 2.15 0.00	24.78 2.15 0.00	28.17 2.39 0.00	30.34 2.68 0.00	32.82 2.57 1.92	34.37 3.00 4.08	38.01 3.22 0.00	37.19 3.75 0.00	38.54 4.21 0.00	37.82 4.38 0.00	40.33 4.56 0.00	39.67 4.74 0.00	41.50 4.90 0.00	40.24 4.92 0.00	40.94 5.18 0.00	41.32 5.13 0.00	40.38 4.83 0.00	38.55 4.57 0.00	38.20 4.28 0.00	35.74 3.70 0.00	31.41 3.32 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.04 -0.25 0.00	21.99 -1.03 0.00	19.66 -0.64 0.00	22.80 -0.33 0.00	22.05 -0.58 0.00	25.59 -0.20 0.00	27.40 -0.26 0.00	31.71 -0.46 0.00	35.46 0.01 0.00	35.35 0.56 0.00	34.26 0.82 0.00	35.49 1.16 0.00	34.21 0.77 0.00	36.94 1.16 0.00	35.85 0.92 0.00	37.84 1.23 0.00	36.38 1.06 0.00	36.98 1.22 0.00	37.14 0.94 0.00	36.02 0.46 0.00	34.09 0.10 0.00	34.27 0.35 0.00	32.58 0.53 0.00	28.51 0.43 0.00

MORTIMER_115KV_TB3 55949	23.78 -0.50 0.00	22.42 -0.60 0.00	19.78 -0.52 0.00	22.60 -0.53 0.00	22.05 -0.58 0.00	25.30 -0.48 0.00	27.00 -0.66 0.00	31.15 -1.02 0.00	34.45 -1.00 0.00	34.06 -0.73 0.00	32.94 -0.50 0.00	34.20 -0.13 0.00	33.43 -0.01 0.00	36.01 0.24 0.00	34.81 -0.11 0.00	36.43 -0.17 0.00	35.21 -0.11 0.00	35.86 0.10 0.00	36.34 0.15 0.00	35.35 -0.20 0.00	33.67 -0.31 0.00	33.60 -0.32 0.00	31.60 -0.44 0.00	27.73 -0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.72 1.44 0.00	24.38 1.36 0.00	21.41 1.11 0.00	24.36 1.23 0.00	23.89 1.25 0.00	27.24 1.45 0.00	29.37 1.71 0.00	34.29 2.11 0.00	37.83 2.38 0.00	37.06 2.27 0.00	35.76 2.32 0.00	36.89 2.55 0.00	36.04 2.60 0.00	38.53 2.76 0.00	37.84 2.92 0.00	39.70 3.11 0.00	38.34 3.03 0.00	38.78 3.02 0.00	39.05 2.86 0.00	38.26 2.71 0.00	36.49 2.52 0.00	36.36 2.44 0.00	34.14 2.10 0.00	30.00 1.91 0.00
MUNSVILLE_WIND_PWR 323609	26.20 1.92 0.00	24.67 1.65 0.00	21.71 1.41 0.00	24.71 1.58 0.00	24.16 1.52 0.00	27.70 1.91 0.00	29.70 2.04 0.00	34.49 2.31 0.00	38.24 2.79 0.00	37.56 2.77 0.00	36.33 2.88 0.00	37.29 2.96 0.00	35.95 2.51 0.00	38.57 2.80 0.00	37.77 2.84 0.00	40.05 3.45 0.00	38.82 3.51 0.00	39.66 3.90 0.00	40.21 4.01 0.00	39.19 3.64 0.00	37.22 3.24 0.00	37.06 3.15 0.00	35.02 2.98 0.00	30.48 2.39 0.00
N SALMON___HYD 24042	24.70 0.41 0.00	23.39 0.38 0.00	20.51 0.21 0.00	23.36 0.23 0.00	22.86 0.23 0.00	26.02 0.24 0.00	27.94 0.28 0.00	32.50 0.33 0.00	35.76 0.31 0.00	35.15 0.36 0.00	33.65 0.21 0.00	34.43 0.09 0.00	26.61 0.15 6.98	23.68 0.06 12.15	27.70 -0.22 7.01	36.48 -0.12 0.00	34.96 -0.36 0.00	25.03 -0.49 10.24	35.71 -0.48 0.00	34.91 -0.64 0.00	33.88 -0.10 0.00	34.35 0.43 0.00	32.15 0.11 0.00	27.83 -0.26 0.00
N.AKRON___115KV_KNAPP 355671	23.73 -0.55 0.00	22.31 -0.71 0.00	19.66 -0.63 0.00	22.52 -0.61 0.00	21.93 -0.70 0.00	25.27 -0.52 0.00	26.93 -0.73 0.00	30.90 -1.27 0.00	34.23 -1.22 0.00	33.87 -0.91 0.00	32.80 -0.64 0.00	34.09 -0.24 0.00	33.30 -0.15 0.00	35.99 0.22 0.00	34.69 -0.24 0.00	36.19 -0.41 0.00	34.97 -0.35 0.00	35.68 -0.09 0.00	36.18 -0.02 0.00	35.11 -0.44 0.00	33.44 -0.54 0.00	33.46 -0.46 0.00	31.57 -0.47 0.00	27.81 -0.28 0.00
N.BELMOR_69_KV_BK1 55787	25.86 1.57 0.00	24.54 1.52 0.00	21.47 1.18 0.00	24.46 1.33 0.00	24.01 1.37 0.00	27.37 1.59 0.00	29.44 1.78 0.00	32.83 1.96 1.30	34.86 2.17 2.76	36.91 2.12 0.00	35.69 2.25 0.00	36.89 2.55 0.00	36.14 2.69 0.00	38.60 2.83 0.00	38.19 3.26 0.00	40.00 3.40 0.00	38.53 3.21 0.00	39.12 3.37 0.00	39.37 3.17 0.00	38.56 3.01 0.00	36.75 2.77 0.00	36.61 2.69 0.00	34.41 2.37 0.00	30.28 2.19 0.00
N.E_GEN_SANDY PD 24062	25.12 0.83 0.00	23.91 0.89 0.00	26.12 0.73 -5.09	30.06 0.84 -6.09	26.93 0.85 -3.45	29.55 0.95 -2.83	28.79 1.13 0.00	33.33 1.34 0.18	36.42 1.42 0.45	35.65 1.21 0.35	34.53 1.09 0.00	35.59 1.25 0.00	34.66 1.22 0.00	36.62 1.22 0.37	36.31 1.38 0.00	37.05 1.32 0.88	36.66 1.34 0.00	37.03 1.36 0.09	36.49 1.26 0.96	37.42 1.36 -0.52	35.36 1.39 0.00	35.14 1.22 0.00	32.68 0.98 0.34	29.05 0.98 0.01
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.40 1.12 0.00	24.09 1.07 0.00	21.18 0.88 0.00	24.12 0.99 0.00	23.64 1.01 0.00	26.96 1.18 0.00	29.02 1.36 0.00	33.86 1.69 0.00	37.36 1.91 0.00	36.63 1.85 0.00	35.36 1.91 0.00	36.48 2.15 0.00	35.66 2.22 0.00	38.14 2.37 0.00	37.44 2.52 0.00	39.23 2.63 0.00	37.93 2.61 0.00	38.42 2.66 0.00	38.70 2.51 0.00	37.88 2.33 0.00	36.16 2.18 0.00	36.00 2.09 0.00	33.80 1.76 0.00	29.66 1.58 0.00
N.QUEENS_27_KV_LOAD 356247	25.87 1.58 0.00	24.49 1.47 0.00	21.49 1.19 0.00	24.46 1.33 0.00	23.99 1.35 0.00	27.34 1.56 0.00	29.54 1.88 0.00	34.46 2.29 0.00	37.95 2.50 0.00	37.14 2.36 0.00	35.89 2.44 0.00	36.98 2.65 0.00	36.14 2.70 0.00	38.61 2.84 0.00	37.93 3.00 0.00	39.78 3.18 0.00	38.42 3.10 0.00	38.77 3.02 0.00	39.01 2.81 0.00	38.28 2.73 0.00	36.55 2.57 0.00	36.43 2.51 0.00	34.25 2.22 0.00	30.15 2.06 0.00
N.TROY___115KV_TB1 355778	25.15 0.86 0.00	23.93 0.91 0.00	21.09 0.79 0.00	24.04 0.91 0.00	23.55 0.91 0.00	26.80 1.02 0.00	28.83 1.17 0.00	33.49 1.32 0.00	36.81 1.36 0.00	35.98 1.20 0.00	34.49 1.04 0.00	35.45 1.12 0.00	34.50 1.06 0.00	36.85 1.07 0.00	36.09 1.16 0.00	37.71 1.11 0.00	36.50 1.19 0.00	37.01 1.25 0.00	37.43 1.24 0.00	36.98 1.43 0.00	35.45 1.47 0.00	35.20 1.29 0.00	33.09 1.05 0.00	29.07 0.98 0.00
NARROWS_GT1_1 24228	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT1_2 24229	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT1_3 24230	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT1_4 24231	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT1_5 24232	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01

NARROWS_GT1_6 24233	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT1_7 24234	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT1_8 24235	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_1 24236	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_2 24237	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_3 24238	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_4 24239	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_5 24240	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_6 24241	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_7 24242	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NARROWS_GT2_8 24243	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.36 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.02 2.57 0.00	37.20 2.42 0.00	35.93 2.49 0.00	37.06 2.72 0.00	36.22 2.78 0.00	38.75 2.97 0.00	38.07 3.14 0.00	39.94 3.33 -0.01	41.97 3.25 -3.41	41.78 3.23 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.21 2.11 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.39 1.10 0.00	24.12 1.11 0.00	21.29 0.99 0.00	24.26 1.13 0.00	23.77 1.13 0.00	27.05 1.26 0.00	29.11 1.45 0.00	33.83 1.66 0.00	37.21 1.76 0.00	36.36 1.58 0.00	34.88 1.44 0.00	35.81 1.48 0.00	34.69 1.25 0.00	37.16 1.39 0.00	36.43 1.50 0.00	37.91 1.31 0.00	36.76 1.44 0.00	37.52 1.76 0.00	38.08 1.89 0.00	37.57 2.02 0.00	36.12 2.14 0.00	35.81 1.89 0.00	33.56 1.52 0.00	29.36 1.27 0.00
NCHELSEA_115KV_TR2 355582	25.64 1.36 0.00	24.29 1.27 0.00	21.35 1.05 0.00	24.30 1.17 0.00	23.82 1.18 0.00	27.16 1.38 0.00	29.27 1.61 0.00	34.19 2.01 0.00	37.76 2.32 0.00	37.01 2.23 0.00	35.68 2.24 0.00	36.80 2.47 0.00	35.91 2.47 0.00	38.40 2.63 0.00	37.70 2.78 0.00	39.55 2.95 0.00	38.27 2.95 0.00	38.79 3.03 0.00	39.09 2.90 0.00	38.27 2.72 0.00	36.54 2.56 0.00	36.33 2.41 0.00	34.07 2.03 0.00	29.90 1.81 0.00
NEG CAPITAL___MECHNVIL 23645	25.63 1.35 0.00	24.34 1.32 0.00	21.43 1.13 0.00	24.42 1.29 0.00	23.92 1.28 0.00	27.26 1.48 0.00	29.37 1.71 0.00	34.13 1.96 0.00	37.56 2.11 0.00	36.72 1.93 0.00	35.16 1.71 0.00	36.15 1.81 0.00	35.15 1.71 0.00	37.52 1.75 0.00	36.80 1.88 0.00	38.58 1.99 0.00	37.42 2.10 0.00	37.98 2.22 0.00	38.51 2.32 0.00	38.01 2.46 0.00	36.48 2.50 0.00	36.20 2.28 0.00	33.95 1.91 0.00	29.77 1.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.42 -0.87 0.00	22.09 -0.93 0.00	19.49 -0.81 0.00	22.27 -0.87 0.00	21.73 -0.90 0.00	24.91 -0.87 0.00	26.61 -1.05 0.00	30.77 -1.40 0.00	34.01 -1.44 0.00	33.60 -1.19 0.00	32.48 -0.96 0.00	33.70 -0.64 0.00	32.93 -0.51 0.00	35.48 -0.30 0.00	34.36 -0.56 0.00	36.00 -0.60 0.00	34.75 -0.57 0.00	35.39 -0.37 0.00	35.89 -0.31 0.00	34.92 -0.63 0.00	33.25 -0.73 0.00	33.15 -0.77 0.00	31.18 -0.86 0.00	27.34 -0.75 0.00



NEG CENTRAL___DRP 24199	23.96 -0.32 0.00	22.61 -0.41 0.00	19.93 -0.37 0.00	22.74 -0.39 0.00	22.22 -0.42 0.00	25.44 -0.35 0.00	27.25 -0.41 0.00	31.67 -0.50 0.00	35.22 -0.23 0.00	34.90 0.11 0.00	33.52 0.08 0.00	34.62 0.28 0.00	33.72 0.28 0.00	36.20 0.42 0.00	35.14 0.22 0.00	36.85 0.25 0.00	35.56 0.24 0.00	36.22 0.46 0.00	36.70 0.51 0.00	35.86 0.31 0.00	34.15 0.17 0.00	33.95 0.03 0.00	31.95 -0.09 0.00	27.94 -0.15 0.00
NEG CENTRAL___INDECK 23768	24.68 0.39 0.00	23.13 0.12 0.00	20.30 0.00 0.00	23.18 0.04 0.00	22.61 -0.03 0.00	26.04 0.25 0.00	27.90 0.24 0.00	32.15 -0.02 0.00	35.14 -0.30 0.00	34.07 -0.72 0.00	32.67 -0.78 0.00	33.90 -0.44 0.00	33.23 -0.21 0.00	35.89 0.12 0.00	34.79 -0.13 0.00	36.19 -0.41 0.00	35.08 -0.23 0.00	35.58 -0.18 0.00	36.48 0.29 0.00	35.68 0.13 0.00	34.10 0.12 0.00	34.02 0.10 0.00	31.93 -0.11 0.00	28.55 0.46 0.00
NEG CENTRAL___SENECA 23627	24.10 -0.18 0.00	22.69 -0.32 0.00	19.99 -0.31 0.00	22.82 -0.31 0.00	22.30 -0.34 0.00	25.57 -0.21 0.00	27.39 -0.27 0.00	31.79 -0.39 0.00	35.57 0.12 0.00	35.35 0.56 0.00	33.92 0.48 0.00	35.02 0.69 0.00	34.15 0.71 0.00	36.58 0.81 0.00	35.40 0.48 0.00	37.11 0.51 0.00	35.79 0.48 0.00	36.51 0.75 0.00	37.00 0.80 0.00	36.08 0.53 0.00	34.39 0.41 0.00	34.20 0.28 0.00	32.14 0.10 0.00	28.09 0.00 0.00
NEG CENTRAL___STATE_STREET 24147	24.05 -0.23 0.00	22.73 -0.28 0.00	20.08 -0.22 0.00	22.88 -0.25 0.00	22.32 -0.32 0.00	25.50 -0.29 0.00	27.32 -0.34 0.00	31.87 -0.30 0.00	35.14 -0.31 0.00	34.70 -0.09 0.00	33.30 -0.15 0.00	34.47 0.14 0.00	33.42 -0.02 0.00	35.98 0.21 0.00	35.02 0.10 0.00	36.87 0.27 0.00	35.57 0.25 0.00	36.20 0.44 0.00	36.70 0.51 0.00	35.99 0.44 0.00	34.18 0.20 0.00	33.96 0.04 0.00	32.05 0.01 0.00	28.05 -0.04 0.00
NEG MILLWOOD___DRP 24198	25.72 1.44 0.00	24.38 1.36 0.00	21.41 1.11 0.00	24.37 1.23 0.00	23.88 1.25 0.00	27.24 1.45 0.00	29.38 1.71 0.00	34.33 2.15 0.00	37.90 2.45 0.00	37.15 2.36 0.00	35.81 2.36 0.00	36.94 2.61 0.00	36.06 2.62 0.00	38.57 2.80 0.00	37.88 2.96 0.00	39.77 3.17 0.00	38.47 3.15 0.00	38.97 3.21 0.00	39.28 3.09 0.00	38.45 2.90 0.00	36.69 2.71 0.00	36.49 2.58 0.00	34.23 2.19 0.00	30.03 1.94 0.00
NEG NORTH_FLCN_SEA 23793	25.47 1.19 0.00	24.17 1.15 0.00	21.08 0.78 0.00	23.99 0.86 0.00	23.53 0.90 0.00	26.78 0.99 0.00	28.83 1.17 0.00	33.37 1.20 0.00	36.81 1.37 0.00	36.10 1.31 0.00	34.50 1.05 0.00	35.38 1.04 0.00	30.26 1.26 4.44	29.11 1.07 7.73	30.96 0.49 4.46	37.14 0.54 0.00	35.56 0.25 0.00	29.19 -0.06 6.51	36.00 -0.19 0.00	35.10 -0.45 0.00	34.71 0.73 0.00	35.32 1.40 0.00	32.85 0.82 0.00	28.36 0.27 0.00
NEG NORTH_KES_CHATEGAY 23792	24.69 0.41 0.00	23.42 0.41 0.00	20.51 0.22 0.00	23.37 0.24 0.00	22.87 0.24 0.00	26.03 0.24 0.00	27.96 0.30 0.00	32.45 0.28 0.00	35.74 0.29 0.00	35.11 0.32 0.00	33.60 0.15 0.00	34.34 0.01 0.00	28.52 0.13 5.06	26.97 0.01 8.81	29.48 -0.36 5.08	36.35 -0.25 0.00	34.86 -0.46 0.00	27.74 -0.60 7.42	35.54 -0.66 0.00	34.68 -0.87 0.00	33.81 -0.17 0.00	34.22 0.30 0.00	32.01 -0.03 0.00	27.73 -0.36 0.00
NEG NORTH___ALICE_FALLS 23915	25.51 1.23 0.00	24.26 1.24 0.00	21.16 0.86 0.00	24.06 0.92 0.00	23.59 0.96 0.00	26.87 1.08 0.00	28.91 1.25 0.00	33.48 1.31 0.00	36.94 1.49 0.00	36.20 1.42 0.00	34.57 1.13 0.00	35.44 1.11 0.00	30.29 1.38 4.54	29.12 1.25 7.90	30.99 0.62 4.56	37.30 0.70 0.00	35.77 0.46 0.00	29.29 0.19 6.66	36.23 0.04 0.00	35.17 -0.38 0.00	34.70 0.72 0.00	35.44 1.52 0.00	32.99 0.95 0.00	28.44 0.36 0.00
NEG NORTH___LWR_SARANAC 23913	25.51 1.23 0.00	24.26 1.24 0.00	21.16 0.86 0.00	24.06 0.92 0.00	23.59 0.96 0.00	26.87 1.08 0.00	28.91 1.25 0.00	33.48 1.31 0.00	36.94 1.49 0.00	36.20 1.42 0.00	34.57 1.13 0.00	35.44 1.11 0.00	30.29 1.38 4.54	29.12 1.25 7.90	30.99 0.62 4.56	37.30 0.70 0.00	35.77 0.46 0.00	29.29 0.19 6.66	36.23 0.04 0.00	35.17 -0.38 0.00	34.70 0.72 0.00	35.44 1.52 0.00	32.99 0.95 0.00	28.44 0.36 0.00
NEG NORTH___PLATTSBURG 23628	25.51 1.23 0.00	24.26 1.24 0.00	21.16 0.86 0.00	24.06 0.92 0.00	23.59 0.96 0.00	26.87 1.08 0.00	28.91 1.25 0.00	33.48 1.30 0.00	36.94 1.49 0.00	36.20 1.42 0.00	34.57 1.12 0.00	35.44 1.11 0.00	30.29 1.38 4.54	29.11 1.24 7.90	30.99 0.62 4.56	37.30 0.70 0.00	35.77 0.46 0.00	29.29 0.19 6.66	36.23 0.04 0.00	35.17 -0.38 0.00	34.70 0.72 0.00	35.44 1.52 0.00	32.99 0.95 0.00	28.44 0.35 0.00
NEG WEST_LEA_LOCKPORT 23791	23.24 -1.05 0.00	21.86 -1.16 0.00	19.27 -1.02 0.00	22.09 -1.04 0.00	21.51 -1.13 0.00	24.76 -1.02 0.00	26.36 -1.31 0.00	30.18 -1.99 0.00	33.42 -2.03 0.00	33.10 -1.68 0.00	32.05 -1.39 0.00	33.29 -1.04 0.00	32.46 -0.98 0.00	35.06 -0.71 0.00	33.75 -1.18 0.00	35.30 -1.30 0.00	34.09 -1.23 0.00	34.73 -1.04 0.00	35.17 -1.02 0.00	34.09 -1.46 0.00	32.50 -1.48 0.00	32.55 -1.37 0.00	30.83 -1.22 0.00	27.22 -0.87 0.00
NEG WEST___LANCASTR 23811	23.64 -0.64 0.00	22.22 -0.79 0.00	19.57 -0.72 0.00	22.42 -0.71 0.00	21.83 -0.80 0.00	25.15 -0.63 0.00	26.78 -0.88 0.00	30.89 -1.29 0.00	34.29 -1.16 0.00	33.93 -0.85 0.00	32.81 -0.64 0.00	34.07 -0.26 0.00	33.13 -0.31 0.00	35.66 -0.11 0.00	34.43 -0.50 0.00	36.14 -0.47 0.00	34.84 -0.48 0.00	35.49 -0.27 0.00	35.91 -0.29 0.00	34.78 -0.77 0.00	33.13 -0.85 0.00	33.16 -0.76 0.00	31.36 -0.68 0.00	27.52 -0.57 0.00
NEG_PENN_ALLEGHNY 23528	24.26 -0.03 0.00	22.90 -0.12 0.00	20.18 -0.12 0.00	23.03 -0.11 0.00	22.51 -0.13 0.00	25.75 -0.04 0.00	27.58 -0.08 0.00	32.07 -0.11 0.00	35.52 0.07 0.00	34.97 0.18 0.00	33.67 0.23 0.00	34.80 0.46 0.00	33.86 0.42 0.00	36.33 0.56 0.00	35.41 0.48 0.00	37.14 0.54 0.00	35.82 0.51 0.00	36.43 0.67 0.00	36.84 0.65 0.00	35.98 0.42 0.00	34.33 0.35 0.00	34.17 0.25 0.00	32.18 0.14 0.00	28.15 0.06 0.00
NEG___GEN_MONROE 24207	23.97 -0.32 0.00	22.58 -0.44 0.00	19.91 -0.38 0.00	22.77 -0.37 0.00	22.20 -0.44 0.00	25.50 -0.28 0.00	27.21 -0.45 0.00	31.38 -0.79 0.00	34.69 -0.76 0.00	34.27 -0.51 0.00	33.16 -0.28 0.00	34.45 0.12 0.00	33.70 0.25 0.00	36.46 0.69 0.00	35.32 0.39 0.00	36.69 0.09 0.00	35.46 0.14 0.00	36.14 0.38 0.00	36.66 0.47 0.00	35.74 0.18 0.00	34.03 0.05 0.00	33.99 0.07 0.00	31.98 -0.06 0.00	28.08 -0.01 0.00
NEPA___ENERGY 23901	23.75 -0.54 0.00	22.19 -0.83 0.00	19.56 -0.74 0.00	22.47 -0.66 0.00	21.87 -0.77 0.00	25.27 -0.52 0.00	26.95 -0.71 0.00	31.20 -0.97 0.00	34.76 -0.69 0.00	34.44 -0.35 0.00	33.34 -0.11 0.00	34.70 0.37 0.00	33.65 0.21 0.00	36.23 0.46 0.00	35.05 0.12 0.00	36.74 0.14 -0.01	35.37 0.05 0.00	36.12 0.36 0.00	36.45 0.25 0.00	35.27 -0.28 0.00	33.56 -0.42 0.00	33.57 -0.35 0.00	31.76 -0.28 0.00	27.75 -0.34 0.00

NEVERSINK___HYD 23608	25.01 0.73 0.00	23.66 0.65 0.00	20.80 0.50 0.00	23.68 0.55 0.00	23.20 0.56 0.00	26.45 0.66 0.00	28.48 0.82 0.00	33.28 1.10 0.00	36.79 1.35 0.00	36.11 1.32 0.00	34.86 1.41 0.00	35.96 1.62 0.00	35.06 1.61 0.00	37.42 1.65 0.00	36.71 1.78 0.00	38.58 1.98 0.00	37.33 2.02 0.00	38.00 2.24 0.00	38.26 2.07 0.00	37.42 1.87 0.00	35.68 1.70 0.00	35.47 1.55 0.00	33.29 1.25 0.00	29.15 1.06 0.00
NEWKRMKL_115KV_TB1 55635	24.69 0.41 0.00	23.49 0.47 0.00	20.72 0.43 0.00	23.61 0.48 0.00	23.14 0.50 0.00	26.30 0.52 0.00	28.28 0.62 0.00	32.90 0.73 0.00	36.21 0.76 0.00	35.44 0.66 0.00	34.03 0.59 0.00	35.01 0.68 0.00	34.11 0.67 0.00	36.46 0.69 0.00	35.75 0.82 0.00	37.36 0.76 0.00	36.14 0.82 0.00	36.63 0.88 0.00	37.00 0.80 0.00	36.44 0.89 0.00	34.88 0.90 0.00	34.65 0.73 0.00	32.56 0.52 0.00	28.59 0.50 0.00
NEWTON___FALLS_HYD 23847	23.99 -0.29 0.00	22.62 -0.39 0.00	19.89 -0.41 0.00	22.66 -0.47 0.00	22.18 -0.46 0.00	25.26 -0.53 0.00	27.09 -0.57 0.00	31.51 -0.66 0.00	34.78 -0.67 0.00	34.45 -0.34 0.00	32.90 -0.54 0.00	33.43 -0.91 0.00	7.93 -1.30 24.21	-7.95 -1.58 42.14	9.12 -1.49 24.32	35.77 -0.83 0.00	34.45 -0.86 0.00	-0.88 -1.15 35.49	35.56 -0.63 0.00	35.21 -0.34 0.00	33.75 -0.23 0.00	33.82 -0.10 0.00	31.45 -0.59 0.00	27.31 -0.77 0.00
NGRID_A1_DSASP 323792	22.76 -1.52 0.00	21.42 -1.60 0.00	18.91 -1.39 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.47 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.50 0.00	31.27 -2.17 0.00	32.47 -1.86 0.00	31.61 -1.83 0.00	34.17 -1.60 0.00	32.81 -2.11 0.00	34.37 -2.23 0.00	33.22 -2.10 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.45 -2.45 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
NGRID_A2_DSASP 323793	22.76 -1.52 0.00	21.42 -1.60 0.00	18.91 -1.39 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.47 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.50 0.00	31.27 -2.17 0.00	32.47 -1.86 0.00	31.61 -1.83 0.00	34.17 -1.60 0.00	32.81 -2.11 0.00	34.37 -2.23 0.00	33.22 -2.10 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.45 -2.45 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
NGRID_A4_DSASP 323807	22.76 -1.52 0.00	21.42 -1.60 0.00	18.91 -1.39 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.47 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.50 0.00	31.27 -2.17 0.00	32.47 -1.86 0.00	31.61 -1.83 0.00	34.17 -1.60 0.00	32.81 -2.11 0.00	34.37 -2.23 0.00	33.22 -2.10 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.45 -2.45 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
NIAGARA_115E_LBMP 323715	22.92 -1.36 0.00	21.57 -1.45 0.00	19.03 -1.26 0.00	21.82 -1.31 0.00	21.24 -1.40 0.00	24.44 -1.34 0.00	26.00 -1.66 0.00	29.73 -2.45 0.00	32.88 -2.58 0.00	32.55 -2.23 0.00	31.51 -1.94 0.00	32.73 -1.60 0.00	31.87 -1.57 0.00	34.44 -1.33 0.00	33.09 -1.83 0.00	34.67 -1.93 0.00	33.49 -1.83 0.00	34.11 -1.65 0.00	34.57 -1.63 0.00	33.49 -2.06 0.00	31.94 -2.04 0.00	32.02 -1.90 0.00	30.27 -1.77 0.00	26.76 -1.33 0.00
NIAGARA_115W_LBMP 323714	22.71 -1.57 0.00	21.39 -1.63 0.00	18.88 -1.42 0.00	21.64 -1.49 0.00	21.07 -1.57 0.00	24.23 -1.56 0.00	25.79 -1.88 0.00	29.41 -2.77 0.00	32.52 -2.93 0.00	32.22 -2.56 0.00	31.21 -2.24 0.00	32.40 -1.93 0.00	31.54 -1.90 0.00	34.09 -1.68 0.00	32.74 -2.18 0.00	34.30 -2.31 0.00	33.13 -2.18 0.00	33.68 -2.07 0.00	34.00 -2.18 0.02	32.93 -2.60 0.02	31.36 -2.60 0.02	31.40 -2.50 0.02	29.68 -2.34 0.02	26.47 -1.62 0.00
NIAGARA_230_LBMP 323716	22.98 -1.31 0.00	21.64 -1.37 0.00	19.10 -1.20 0.00	21.89 -1.24 0.00	21.30 -1.34 0.00	24.52 -1.26 0.00	26.06 -1.60 0.00	29.85 -2.33 0.00	32.98 -2.48 0.00	32.64 -2.14 0.00	31.58 -1.87 0.00	32.80 -1.53 0.00	31.94 -1.51 0.00	34.48 -1.29 0.00	33.15 -1.77 0.00	34.74 -1.86 0.00	33.54 -1.78 0.00	34.14 -1.62 0.00	34.57 -1.62 0.00	33.51 -2.04 0.00	31.94 -2.04 0.00	32.01 -1.90 0.00	30.28 -1.76 0.00	26.76 -1.33 0.00
NIAGARA___115KV_198_GIBSON 55903	22.72 -1.56 0.00	21.39 -1.63 0.00	18.88 -1.42 0.00	21.64 -1.49 0.00	21.07 -1.57 0.00	24.23 -1.56 0.00	25.79 -1.88 0.00	29.41 -2.77 0.00	32.52 -2.93 0.00	32.23 -2.56 0.00	31.22 -2.22 0.00	32.40 -1.94 0.00	31.55 -1.89 0.00	34.09 -1.68 0.00	32.79 -2.13 0.00	34.30 -2.30 0.00	33.14 -2.17 0.00	33.69 -2.07 0.00	34.00 -2.17 0.02	32.93 -2.60 0.02	31.36 -2.60 0.02	31.41 -2.49 0.02	29.68 -2.34 0.02	26.47 -1.62 0.00
NIAGARA___ 23760	22.98 -1.31 0.00	21.64 -1.37 0.00	19.10 -1.20 0.00	21.89 -1.24 0.00	21.30 -1.34 0.00	24.52 -1.26 0.00	26.06 -1.60 0.00	29.85 -2.33 0.00	32.98 -2.48 0.00	32.64 -2.14 0.00	31.58 -1.87 0.00	32.80 -1.53 0.00	31.94 -1.51 0.00	34.48 -1.29 0.00	33.15 -1.77 0.00	34.74 -1.86 0.00	33.54 -1.78 0.00	34.14 -1.62 0.00	34.57 -1.62 0.01	33.51 -2.04 0.01	31.94 -2.04 0.01	32.01 -1.90 0.01	30.28 -1.76 0.01	26.76 -1.33 0.00
NINE_MILE_1 23575	23.13 -1.16 0.00	21.89 -1.12 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.32 -1.34 0.00	30.57 -1.60 0.00	33.74 -1.70 0.00	33.19 -1.60 0.00	31.97 -1.48 0.00	32.94 -1.39 0.00	32.09 -1.36 0.00	34.40 -1.37 0.00	33.56 -1.37 0.00	35.19 -1.41 0.00	34.00 -1.32 0.00	34.47 -1.28 0.00	34.92 -1.27 0.00	34.22 -1.33 0.00	32.67 -1.31 0.00	32.53 -1.39 0.00	30.64 -1.40 0.00	26.86 -1.22 0.00
NINE_MILE_2 23744	23.12 -1.16 0.00	21.89 -1.12 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.32 -1.34 0.00	30.57 -1.60 0.00	33.74 -1.70 0.00	33.19 -1.60 0.00	31.97 -1.48 0.00	32.94 -1.39 0.00	32.08 -1.36 0.00	34.40 -1.37 0.00	33.55 -1.37 0.00	35.19 -1.41 0.00	34.00 -1.32 0.00	34.47 -1.28 0.00	34.92 -1.27 0.00	34.22 -1.33 0.00	32.67 -1.31 0.00	32.53 -1.39 0.00	30.64 -1.40 0.00	26.86 -1.22 0.00
NM_CAPITAL___DRP 24208	24.72 0.43 0.00	23.51 0.50 0.00	20.75 0.46 0.00	23.64 0.51 0.00	23.16 0.53 0.00	26.35 0.56 0.00	28.31 0.65 0.00	32.93 0.76 0.00	36.24 0.79 0.00	35.47 0.68 0.00	34.04 0.60 0.00	35.04 0.70 0.00	34.13 0.68 0.00	36.47 0.70 0.00	35.76 0.84 0.00	37.36 0.76 0.00	36.14 0.82 0.00	36.63 0.87 0.00	36.99 0.79 0.00	36.44 0.89 0.00	34.89 0.91 0.00	34.66 0.75 0.00	32.57 0.53 0.00	28.61 0.52 0.00
NM_CENTRAL___DRP 24181	23.66 -0.62 0.00	22.38 -0.64 0.00	19.77 -0.52 0.00	22.56 -0.57 0.00	22.06 -0.57 0.00	25.17 -0.62 0.00	26.92 -0.74 0.00	31.28 -0.89 0.00	34.56 -0.89 0.00	34.02 -0.77 0.00	32.80 -0.64 0.00	33.84 -0.49 0.00	33.00 -0.44 0.00	35.39 -0.39 0.00	34.56 -0.37 0.00	36.24 -0.36 0.00	35.02 -0.30 0.00	35.51 -0.25 0.00	35.95 -0.24 0.00	35.22 -0.33 0.00	33.59 -0.39 0.00	33.42 -0.49 0.00	31.44 -0.60 0.00	27.53 -0.56 0.00

NM_FRONTIER___DRP 24179	22.72 -1.56 0.00	21.39 -1.63 0.00	18.88 -1.42 0.00	21.64 -1.49 0.00	21.07 -1.57 0.00	24.23 -1.56 0.00	25.79 -1.88 0.00	29.41 -2.77 0.00	32.52 -2.93 0.00	32.23 -2.56 0.00	31.22 -2.22 0.00	32.40 -1.94 0.00	31.55 -1.89 0.00	34.09 -1.68 0.00	32.79 -2.13 0.00	34.30 -2.30 0.00	33.14 -2.17 0.00	33.69 -2.07 0.00	34.00 -2.17 0.02	32.93 -2.60 0.02	31.36 -2.60 0.02	31.41 -2.49 0.02	29.68 -2.34 0.02	26.47 -1.62 0.00
NM_ST_REGIS___HYD 24053	24.07 -0.22 0.00	22.78 -0.24 0.00	20.02 -0.28 0.00	22.79 -0.34 0.00	22.30 -0.34 0.00	25.38 -0.40 0.00	27.23 -0.43 0.00	31.68 -0.49 0.00	34.81 -0.64 0.00	34.26 -0.52 0.00	32.80 -0.64 0.00	33.42 -0.91 0.00	20.96 -0.99 11.49	14.62 -1.14 20.01	22.16 -1.22 11.55	35.49 -1.11 0.00	33.85 -1.47 0.00	17.35 -1.56 16.85	34.81 -1.39 0.00	34.19 -1.36 0.00	32.90 -1.08 0.00	33.45 -0.47 0.00	31.45 -0.59 0.00	27.34 -0.75 0.00
NORTHPORT___1 23551	25.41 1.13 0.00	24.21 1.19 0.00	21.14 0.84 0.00	24.13 1.00 0.00	23.72 1.08 0.00	26.99 1.20 0.00	29.01 1.35 0.00	31.58 1.35 1.95	32.71 1.39 4.13	36.15 1.37 0.00	34.89 1.44 0.00	36.01 1.69 0.01	34.66 1.88 0.67	37.06 1.90 0.62	37.33 2.40 0.00	36.59 2.43 2.43	35.57 2.32 2.06	38.16 2.40 0.00	37.72 2.24 0.71	37.66 2.11 0.00	35.51 1.98 0.45	34.35 1.87 1.44	33.27 1.55 0.33	29.69 1.61 0.00
NORTHPORT___2 23552	25.41 1.13 0.00	24.21 1.19 0.00	21.14 0.84 0.00	24.13 1.00 0.00	23.72 1.08 0.00	26.99 1.20 0.00	29.01 1.35 0.00	31.58 1.35 1.95	32.71 1.39 4.13	36.15 1.37 0.00	34.89 1.44 0.00	36.01 1.69 0.01	34.66 1.88 0.67	37.06 1.90 0.62	37.33 2.40 0.00	36.59 2.43 2.43	35.21 2.32 2.43	38.15 2.40 0.00	37.69 2.24 0.74	37.66 2.11 0.01	35.51 1.98 0.45	34.35 1.87 1.44	33.27 1.55 0.33	29.69 1.61 0.00
NORTHPORT___3 23553	25.48 1.20 0.00	24.27 1.25 0.00	21.20 0.90 0.00	24.18 1.05 0.00	23.74 1.10 0.00	27.04 1.26 0.00	29.06 1.40 0.00	31.64 1.40 1.93	32.73 1.39 4.10	36.08 1.30 0.00	34.96 1.51 0.00	36.02 1.70 0.01	34.67 1.89 0.66	37.07 1.91 0.62	37.35 2.43 0.01	36.65 2.49 2.45	35.30 2.40 2.42	38.24 2.49 0.00	37.74 2.29 0.75	37.66 2.11 0.00	35.46 1.92 0.44	34.30 1.82 1.44	33.25 1.53 0.33	29.71 1.62 0.00
NORTHPORT___4 23650	25.48 1.20 0.00	24.27 1.25 0.00	21.20 0.90 0.00	24.18 1.05 0.00	23.74 1.10 0.00	27.04 1.26 0.00	29.06 1.40 0.00	31.64 1.40 1.93	32.73 1.39 4.10	36.08 1.30 0.00	34.96 1.51 0.00	36.02 1.70 0.01	34.67 1.89 0.66	37.07 1.91 0.62	37.35 2.43 0.01	36.65 2.49 2.45	35.30 2.40 2.42	38.24 2.49 0.00	37.74 2.29 0.75	37.66 2.11 0.00	35.46 1.92 0.44	34.30 1.82 1.44	33.25 1.53 0.33	29.71 1.62 0.00
NORTHPORT___IC 23718	25.41 1.13 0.00	24.21 1.19 0.00	21.14 0.84 0.00	24.13 1.00 0.00	23.72 1.08 0.00	26.99 1.20 0.00	29.01 1.35 0.00	31.58 1.35 1.95	32.71 1.39 4.13	36.15 1.37 0.00	34.88 1.44 0.00	36.01 1.69 0.01	34.65 1.88 0.67	37.06 1.90 0.62	37.29 2.37 0.00	36.59 2.43 2.43	35.21 2.32 2.43	38.16 2.40 0.00	37.69 2.24 0.74	37.66 2.11 0.00	35.51 1.98 0.45	34.35 1.87 1.44	33.26 1.55 0.33	29.69 1.61 0.00
NORTH___COUNTRY_ESR 323785	24.65 0.37 0.00	23.40 0.38 0.00	20.50 0.20 0.00	23.36 0.22 0.00	22.86 0.23 0.00	26.01 0.22 0.00	27.93 0.27 0.00	32.44 0.26 0.00	35.73 0.28 0.00	35.09 0.31 0.00	33.59 0.14 0.00	34.33 0.00 5.07	28.49 0.12 8.83	26.93 0.00 5.10	29.46 -0.37 0.00	36.27 -0.33 0.00	34.84 -0.47 0.00	27.68 -0.64 7.44	35.48 -0.72 0.00	34.59 -0.96 0.00	33.72 -0.26 0.00	34.18 0.26 0.00	31.96 -0.08 0.00	27.65 -0.43 0.00
NPX_GEN_1385_PROXY 323591	25.30 1.01 0.00	24.14 1.12 0.00	21.01 0.71 0.00	24.11 0.97 0.00	23.83 1.19 0.00	26.94 1.16 0.00	28.96 1.30 0.00	31.43 1.20 1.95	32.46 1.14 4.13	36.19 1.41 0.00	34.71 1.27 0.00	35.93 1.60 0.01	34.35 1.57 0.67	36.96 1.81 0.62	37.53 2.61 0.00	36.73 2.56 2.43	35.78 2.59 2.13	38.77 3.01 0.00	38.34 2.86 0.72	38.23 2.67 0.00	35.74 2.21 0.45	34.35 1.87 1.44	33.26 1.55 0.33	29.62 1.54 0.00
NPX_GEN_CSC 323557	25.46 1.18 0.00	24.28 1.26 0.00	21.26 0.96 0.00	24.35 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.68 1.43 1.92	32.95 1.58 4.08	36.44 1.66 0.00	35.29 1.85 0.00	36.51 2.17 0.00	35.81 2.36 0.00	38.15 2.38 0.00	37.74 2.82 0.00	39.53 2.93 0.00	38.18 2.87 0.00	38.80 3.04 0.00	39.10 2.90 0.00	38.31 2.76 0.00	36.60 2.62 0.00	36.36 2.45 0.00	34.01 1.97 0.00	29.97 1.88 0.00
NSINS_S_GLNS_FALLS 23858	25.84 1.56 0.00	24.50 1.48 0.00	21.52 1.22 0.00	24.54 1.40 0.00	24.05 1.41 0.00	27.39 1.60 0.00	29.61 1.94 0.00	34.37 2.20 0.00	37.81 2.36 0.00	36.88 2.09 0.00	35.11 1.66 0.00	36.15 1.81 0.00	35.09 1.65 0.00	37.41 1.64 0.00	36.70 1.77 0.00	38.60 2.00 0.00	37.42 2.10 0.00	38.01 2.25 0.00	38.78 2.58 0.00	38.31 2.76 0.00	36.94 2.96 0.00	36.63 2.71 0.00	34.29 2.26 0.00	30.04 1.95 0.00
NUCOR_STEEL___DRP 24197	24.02 -0.26 0.00	22.71 -0.31 0.00	20.06 -0.24 0.00	22.86 -0.26 0.00	22.29 -0.34 0.00	25.45 -0.33 0.00	27.27 -0.39 0.00	31.84 -0.34 0.00	35.06 -0.39 0.00	34.63 -0.16 0.00	33.22 -0.23 0.00	34.40 0.07 0.00	33.33 -0.11 0.00	35.87 0.10 0.00	34.92 0.00 0.00	36.78 0.18 0.00	35.44 0.13 0.00	36.09 0.33 0.00	36.58 0.39 0.00	35.87 0.32 0.00	34.06 0.08 0.00	33.85 -0.06 0.00	31.99 -0.05 0.00	28.01 -0.08 0.00
NUMBER_THREE_WT_PWR 323818	24.53 0.24 0.00	23.05 0.03 0.00	20.24 -0.05 0.00	23.08 -0.05 0.00	22.60 -0.03 0.00	25.77 -0.02 0.00	27.60 -0.07 0.00	32.09 -0.08 0.00	35.58 0.13 0.00	35.37 0.58 0.00	33.77 0.33 0.00	34.33 -0.01 0.00	-11.24 -0.65 44.03	-41.92 -1.04 76.65	-10.28 -0.97 44.23	36.69 0.09 0.00	35.58 0.26 0.00	-28.97 -0.17 64.56	36.63 0.44 0.00	36.35 0.79 0.00	34.80 0.83 0.00	34.67 0.75 0.00	32.05 0.01 0.00	27.83 -0.26 0.00
NYISO_LBMP_REFERENCE 24008	24.28 0.00 0.00	23.02 0.00 0.00	20.30 0.00 0.00	23.13 0.00 0.00	22.63 0.00 0.00	25.79 0.00 0.00	27.66 0.00 0.00	32.17 0.00 0.00	35.45 0.00 0.00	34.78 0.00 0.00	33.45 0.00 0.00	34.33 0.00 0.00	33.44 0.00 0.00	35.77 0.00 0.00	34.92 0.00 0.00	36.60 0.00 0.00	35.32 0.00 0.00	35.76 0.00 0.00	36.19 0.00 0.00	35.55 0.00 0.00	33.98 0.00 0.00	33.92 0.00 0.00	32.04 0.00 0.00	28.09 0.00 0.00
NYPA_BRENTWD____GT 24164	25.84 1.56 0.00	24.57 1.56 0.00	21.47 1.17 0.00	24.50 1.37 0.00	24.06 1.43 0.00	27.40 1.62 0.00	29.49 1.83 0.00	32.21 1.93 1.90	33.54 2.12 4.03	36.90 2.11 0.00	35.67 2.23 0.00	36.85 2.51 0.00	36.13 2.69 0.00	38.56 2.79 0.00	38.06 3.13 0.00	39.81 3.22 0.00	38.42 3.10 0.00	38.77 3.01 0.00	39.09 2.90 0.00	38.45 2.90 0.00	36.75 2.77 0.00	36.64 -0.01 0.00	34.34 2.30 0.00	30.29 2.21 0.00



OAKDALE___35_KV_LOAD 356122	24.15 -0.13 0.00	22.81 -0.21 0.00	20.11 -0.19 0.00	22.94 -0.19 0.00	22.43 -0.21 0.00	25.65 -0.13 0.00	27.47 -0.19 0.00	31.93 -0.24 0.00	35.35 -0.10 0.00	34.79 0.00 0.00	33.50 0.06 0.00	34.61 0.28 0.00	33.67 0.22 0.00	36.12 0.34 0.00	35.21 0.29 0.00	36.91 0.31 0.00	35.62 0.31 0.00	36.20 0.44 0.00	36.61 0.42 0.00	35.77 0.21 0.00	34.14 0.16 0.00	34.00 0.08 0.00	32.03 -0.01 0.00	28.03 -0.06 0.00
OCC_CHEM___DRP 24175	22.76 -1.53 0.00	21.42 -1.59 0.00	18.91 -1.38 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.46 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.49 0.00	31.29 -2.16 0.00	32.46 -1.87 0.00	31.62 -1.82 0.00	34.17 -1.60 0.00	32.87 -2.06 0.00	34.37 -2.23 0.00	33.22 -2.09 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.47 -2.43 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
OH_GEN_PROXY 24063	23.01 -1.28 0.00	21.67 -1.34 0.00	19.13 -1.17 0.00	21.91 -1.22 0.00	21.33 -1.30 0.00	24.56 -1.23 0.00	26.09 -1.56 0.00	29.92 -2.25 0.00	33.08 -2.37 0.00	32.73 -2.06 0.00	31.65 -1.80 0.00	32.88 -1.45 0.00	32.02 -1.43 0.00	34.56 -1.21 0.00	33.24 -1.69 0.00	34.83 -1.77 0.00	33.62 -1.70 0.00	34.24 -1.52 0.00	34.66 -1.53 0.00	33.60 -1.95 0.00	32.03 -1.95 0.00	32.10 -1.82 0.00	30.34 -1.70 0.00	26.79 -1.30 0.00
OLIN_CORP_DRP 24177	22.95 -1.34 0.00	21.60 -1.41 0.00	19.06 -1.24 0.00	21.85 -1.28 0.00	21.27 -1.37 0.00	24.48 -1.31 0.00	26.04 -1.62 0.00	29.77 -2.41 0.00	32.91 -2.54 0.00	32.61 -2.18 0.00	31.57 -1.88 0.00	32.77 -1.57 0.00	31.93 -1.51 0.00	34.50 -1.28 0.00	33.20 -1.72 0.00	34.73 -1.87 0.00	33.54 -1.77 0.00	34.16 -1.60 0.00	34.62 -1.58 0.00	33.54 -2.01 0.00	31.98 -2.00 0.00	32.06 -1.86 0.00	30.31 -1.73 0.00	26.79 -1.30 0.00
OLIN_CORP_DSASP 323712	22.76 -1.52 0.00	21.42 -1.60 0.00	18.91 -1.39 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.47 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.50 0.00	31.27 -2.17 0.00	32.47 -1.86 0.00	31.61 -1.83 0.00	34.17 -1.60 0.00	32.81 -2.11 0.00	34.37 -2.23 0.00	33.22 -2.10 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.45 -2.45 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
ONEIDA_HERK_LFGE 323681	24.70 0.42 0.00	23.31 0.29 0.00	20.53 0.23 0.00	23.40 0.27 0.00	22.89 0.26 0.00	26.11 0.33 0.00	28.02 0.36 0.00	32.59 0.41 0.00	36.03 0.59 0.00	35.54 0.76 0.00	34.13 0.69 0.00	35.00 0.66 0.00	48.14 0.37 -14.33	60.93 0.21 -24.95	49.55 0.22 -14.40	37.27 0.67 0.00	36.10 0.78 0.00	57.48 0.71 -21.01	37.17 0.98 0.00	36.65 1.10 0.00	35.04 1.06 0.00	34.90 0.98 0.00	32.60 0.55 0.00	28.42 0.33 0.00
ONEIDA___115KV_TB4 55905	24.78 0.50 0.00	23.40 0.39 0.00	20.64 0.34 0.00	23.52 0.39 0.00	23.00 0.37 0.00	26.26 0.48 0.00	28.20 0.54 0.00	32.78 0.61 0.00	36.20 0.75 0.00	35.60 0.82 0.00	34.32 0.88 0.00	35.38 1.04 0.00	39.29 0.89 -4.96	45.28 0.88 -8.63	40.75 0.84 -4.98	37.64 1.03 0.00	36.43 1.11 0.00	44.27 1.25 -7.27	37.57 1.38 0.00	36.90 1.35 0.00	35.27 1.29 0.00	35.11 1.19 0.00	32.92 0.88 0.00	28.77 0.67 0.00
ONONDAGA_REF_OCCRA 23987	23.76 -0.52 0.00	22.48 -0.54 0.00	19.85 -0.45 0.00	22.64 -0.49 0.00	22.15 -0.49 0.00	25.27 -0.52 0.00	27.03 -0.63 0.00	31.43 -0.74 0.00	34.71 -0.73 0.00	34.18 -0.61 0.00	32.96 -0.48 0.00	34.00 -0.33 0.00	33.17 -0.28 0.00	35.58 -0.19 0.00	34.75 -0.17 0.00	36.46 -0.14 0.00	35.23 -0.09 0.00	35.72 -0.04 0.00	36.17 -0.03 0.00	35.42 -0.14 0.00	33.77 -0.21 0.00	33.59 -0.32 0.00	31.60 -0.44 0.00	27.67 -0.42 0.00
ONONDAGA___COGEN 23986	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.46 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.67 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00
ONTARIO___LFGE 23819	24.10 -0.18 0.00	22.70 -0.32 0.00	19.99 -0.31 0.00	22.82 -0.31 0.00	22.30 -0.34 0.00	25.57 -0.21 0.00	27.39 -0.27 0.00	31.79 -0.39 0.00	35.57 0.12 0.00	35.35 0.56 0.00	33.92 0.47 0.00	35.03 0.69 0.00	34.15 0.70 0.00	36.58 0.81 0.00	35.39 0.46 0.00	37.11 0.51 0.00	35.79 0.47 0.00	36.51 0.75 0.00	37.00 0.80 0.00	36.08 0.53 0.00	34.38 0.40 0.00	34.19 0.27 0.00	32.14 0.10 0.00	28.09 0.00 0.00
ORANGEVILLE_WT_PWR 323706	23.63 -0.65 0.00	22.14 -0.88 0.00	19.44 -0.85 0.00	22.25 -0.88 0.00	21.70 -0.93 0.00	25.00 -0.79 0.00	26.68 -0.98 0.00	30.82 -1.35 0.00	34.35 -1.10 0.00	34.00 -0.79 0.00	32.75 -0.70 0.00	33.91 -0.42 0.00	33.05 -0.39 0.00	35.68 -0.09 0.00	34.43 -0.49 0.00	36.07 -0.54 0.00	34.74 -0.57 0.00	35.32 -0.43 0.00	35.70 -0.50 0.00	34.69 -0.86 0.00	33.14 -0.84 0.00	33.10 -0.82 0.00	31.33 -0.71 0.00	27.52 -0.57 0.00
ORANGEVILLE___ESR 323794	23.63 -0.65 0.00	22.14 -0.88 0.00	19.44 -0.85 0.00	22.25 -0.88 0.00	21.70 -0.93 0.00	25.00 -0.79 0.00	26.68 -0.98 0.00	30.82 -1.35 0.00	34.35 -1.10 0.00	34.00 -0.79 0.00	32.75 -0.70 0.00	33.91 -0.42 0.00	33.05 -0.39 0.00	35.68 -0.09 0.00	34.43 -0.49 0.00	36.07 -0.54 0.00	34.74 -0.57 0.00	35.32 -0.43 0.00	35.70 -0.50 0.00	34.69 -0.86 0.00	33.14 -0.84 0.00	33.10 -0.82 0.00	31.33 -0.71 0.00	27.52 -0.57 0.00
OSWEGATCHIE___HYD 24044	24.00 -0.29 0.00	22.62 -0.39 0.00	19.89 -0.41 0.00	22.66 -0.47 0.00	22.18 -0.46 0.00	25.26 -0.53 0.00	27.09 -0.57 0.00	31.51 -0.66 0.00	34.78 -0.67 0.00	34.45 -0.34 0.00	32.90 -0.54 0.00	33.42 -0.91 0.00	7.93 -1.30 24.21	-7.95 -1.58 42.14	9.12 -1.49 24.32	35.77 -0.83 0.00	34.45 -0.86 0.00	-0.88 -1.15 35.49	35.56 -0.63 0.00	35.21 -0.34 0.00	33.75 -0.23 0.00	33.82 -0.10 0.00	31.45 -0.59 0.00	27.32 -0.77 0.00
OSWEGO___5 23606	23.29 -0.99 0.00	22.05 -0.97 0.00	19.49 -0.80 0.00	22.24 -0.89 0.00	21.74 -0.89 0.00	24.79 -0.99 0.00	26.51 -1.15 0.00	30.80 -1.38 0.00	34.00 -1.45 0.00	33.44 -1.35 0.00	32.21 -1.23 0.00	33.19 -1.14 0.00	32.32 -1.12 0.00	34.66 -1.12 0.00	33.80 -1.12 0.00	35.47 -1.13 0.00	34.27 -1.05 0.00	34.75 -1.01 0.00	35.20 -0.99 0.00	34.50 -1.05 0.00	32.91 -1.07 0.00	32.77 -1.15 0.00	30.87 -1.17 0.00	27.07 -1.02 0.00
OSWEGO___6 23613	23.29 -0.99 0.00	22.05 -0.97 0.00	19.49 -0.80 0.00	22.24 -0.89 0.00	21.74 -0.89 0.00	24.79 -0.99 0.00	26.51 -1.15 0.00	30.80 -1.38 0.00	34.00 -1.45 0.00	33.44 -1.35 0.00	32.21 -1.23 0.00	33.19 -1.14 0.00	32.32 -1.12 0.00	34.66 -1.12 0.00	33.80 -1.12 0.00	35.47 -1.13 0.00	34.27 -1.05 0.00	34.75 -1.01 0.00	35.20 -0.99 0.00	34.50 -1.05 0.00	32.91 -1.07 0.00	32.77 -1.15 0.00	30.87 -1.17 0.00	27.07 -1.02 0.00

OUTOKUMPU-AB___DRP 24206	23.51 -0.78 0.00	22.08 -0.94 0.00	19.46 -0.83 0.00	22.30 -0.83 0.00	21.71 -0.92 0.00	24.99 -0.79 0.00	26.61 -1.05 0.00	30.49 -1.69 0.00	33.82 -1.63 0.00	33.56 -1.22 0.00	32.51 -0.94 0.00	33.78 -0.55 0.00	32.92 -0.52 0.00	35.57 -0.20 0.00	34.24 -0.68 0.00	35.86 -0.75 0.00	34.64 -0.68 0.00	35.24 -0.52 0.00	35.65 -0.56 -0.02	34.52 -1.05 -0.02	32.84 -1.16 -0.02	32.87 -1.06 -0.02	31.06 -1.00 -0.02	27.41 -0.68 0.00
OXBOW___BTM 323836	23.15 -1.13 0.00	21.76 -1.26 0.00	19.19 -1.10 0.00	22.00 -1.14 0.00	21.41 -1.23 0.00	24.64 -1.15 0.00	26.23 -1.43 0.00	29.99 -2.18 0.00	33.22 -2.23 0.00	32.96 -1.83 0.00	31.93 -1.52 0.00	33.18 -1.15 0.00	32.32 -1.12 0.00	34.94 -0.83 0.00	33.57 -1.36 0.00	35.18 -1.42 0.00	34.00 -1.32 0.00	34.58 -1.18 0.00	34.95 -1.26 -0.02	33.83 -1.74 -0.02	32.20 -1.79 -0.02	32.22 -1.71 -0.02	30.44 -1.61 -0.02	26.99 -1.10 0.00
OXBOW___ 24026	23.15 -1.14 0.00	21.76 -1.25 0.00	19.19 -1.10 0.00	22.00 -1.13 0.00	21.41 -1.22 0.00	24.64 -1.15 0.00	26.23 -1.43 0.00	29.99 -2.18 0.00	33.22 -2.23 0.00	32.97 -1.82 0.00	31.94 -1.50 0.00	33.17 -1.16 0.00	32.32 -1.12 0.00	34.94 -0.83 0.00	33.62 -1.30 0.00	35.19 -1.42 0.00	34.00 -1.31 0.00	34.58 -1.19 0.00	34.95 -1.26 -0.02	33.83 -1.73 -0.02	32.20 -1.80 -0.02	32.23 -1.70 -0.02	30.45 -1.61 -0.02	26.99 -1.10 0.00
OXY_CHEM_DSASP 323612	22.76 -1.53 0.00	21.42 -1.59 0.00	18.91 -1.38 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.46 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.49 0.00	31.29 -2.16 0.00	32.46 -1.87 0.00	31.62 -1.82 0.00	34.17 -1.60 0.00	32.87 -2.06 0.00	34.37 -2.23 0.00	33.22 -2.09 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.47 -2.43 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
OZONE_PARK_ESR 323760	26.08 1.80 0.00	24.70 1.69 0.00	21.68 1.38 0.00	24.67 1.54 0.00	24.19 1.55 0.00	27.58 1.80 0.00	29.77 2.11 0.00	34.76 2.58 0.00	38.35 2.91 0.00	37.57 2.79 0.00	36.28 2.84 0.00	37.43 3.09 0.00	36.58 3.14 0.00	39.13 3.36 0.00	38.44 3.52 0.00	40.33 3.73 0.00	38.95 3.63 0.00	39.42 3.66 0.00	39.68 3.48 0.00	38.86 3.31 0.00	37.05 3.07 0.00	36.91 3.00 0.00	34.65 2.61 0.00	30.42 2.33 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.76 -1.53 0.00	21.42 -1.59 0.00	18.91 -1.38 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.46 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.49 0.00	31.29 -2.16 0.00	32.46 -1.87 0.00	31.62 -1.82 0.00	34.17 -1.60 0.00	32.87 -2.06 0.00	34.37 -2.23 0.00	33.22 -2.09 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.47 -2.43 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
PACKARD___115KV_DUPONT_184 80571	22.76 -1.53 0.00	21.42 -1.59 0.00	18.91 -1.38 0.00	21.68 -1.45 0.00	21.10 -1.53 0.00	24.27 -1.52 0.00	25.83 -1.83 0.00	29.46 -2.71 0.00	32.57 -2.88 0.00	32.29 -2.49 0.00	31.29 -2.16 0.00	32.46 -1.87 0.00	31.62 -1.82 0.00	34.17 -1.60 0.00	32.87 -2.06 0.00	34.37 -2.23 0.00	33.22 -2.09 0.00	33.76 -1.99 0.00	34.07 -2.10 0.02	33.00 -2.53 0.02	31.42 -2.54 0.02	31.47 -2.43 0.02	29.73 -2.29 0.02	26.52 -1.57 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.74 1.45 0.00	24.39 1.37 0.00	21.41 1.11 0.00	24.37 1.24 0.00	23.91 1.27 0.00	27.25 1.47 0.00	29.41 1.75 0.00	34.27 2.10 0.00	37.76 2.31 0.00	36.95 2.16 0.00	35.69 2.24 0.00	36.79 2.45 0.00	35.96 2.52 0.00	38.43 2.66 0.00	37.75 2.83 0.00	39.59 2.99 0.00	38.23 2.92 0.00	38.63 2.88 0.00	38.91 2.72 0.00	38.18 2.63 0.00	36.45 2.47 0.00	36.31 2.39 0.00	34.13 2.09 0.00	30.02 1.93 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.87 1.59 0.00	24.53 1.52 0.00	21.58 1.28 0.00	24.53 1.40 0.00	24.09 1.45 0.00	27.49 1.70 0.00	29.67 2.01 0.00	34.51 2.34 0.00	37.95 2.51 0.00	37.10 2.32 0.00	35.80 2.35 0.00	36.96 2.62 0.00	36.06 2.62 0.00	38.51 2.74 0.00	37.81 2.89 0.00	39.65 3.05 0.00	38.25 2.93 0.00	38.66 2.90 0.00	39.01 2.82 0.00	38.29 2.74 0.00	36.60 2.62 0.00	36.47 2.56 0.00	34.29 2.25 0.00	30.31 2.22 0.00
PATROON___115KV_TB1 80586	24.78 0.49 0.00	23.56 0.55 0.00	20.79 0.49 0.00	23.69 0.55 0.00	23.21 0.57 0.00	26.40 0.61 0.00	28.37 0.71 0.00	33.02 0.84 0.00	36.35 0.89 0.00	35.57 0.79 0.00	34.16 0.72 0.00	35.15 0.82 0.00	34.25 0.81 0.00	36.60 0.83 0.00	35.89 0.96 0.00	37.51 0.91 0.00	36.29 0.97 0.00	36.79 1.03 0.00	37.14 0.95 0.00	36.58 1.03 0.00	35.02 1.04 0.00	34.78 0.86 0.00	32.68 0.64 0.00	28.69 0.60 0.00
PATTRSNVILLE___SOLAR 323815	25.02 0.74 0.00	23.71 0.70 0.00	20.90 0.61 0.00	23.82 0.69 0.00	23.33 0.70 0.00	26.59 0.80 0.00	28.57 0.91 0.00	33.21 1.04 0.00	36.55 1.11 0.00	35.73 0.95 0.00	34.32 0.88 0.00	35.14 0.81 0.00	34.08 0.63 0.00	36.54 0.77 0.00	35.71 0.78 0.00	37.61 1.01 0.00	36.41 1.09 0.00	36.87 1.11 0.00	37.49 1.29 0.00	36.92 1.37 0.00	35.37 1.39 0.00	35.20 1.29 0.00	33.11 1.07 0.00	29.02 0.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.76 -0.52 0.00	22.31 -0.71 0.00	19.65 -0.65 0.00	22.50 -0.63 0.00	21.91 -0.72 0.00	25.25 -0.53 0.00	26.89 -0.77 0.00	30.98 -1.19 0.00	34.42 -1.03 0.00	34.10 -0.68 0.00	33.00 -0.44 0.00	34.29 -0.04 0.00	33.39 -0.05 0.00	35.99 0.22 0.00	34.74 -0.19 0.00	36.46 -0.14 0.00	35.16 -0.16 0.00	35.81 0.05 0.00	36.22 0.02 0.00	35.06 -0.50 0.00	33.36 -0.62 0.00	33.39 -0.54 0.00	31.55 -0.49 0.00	27.69 -0.40 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.72 1.44 0.00	24.38 1.36 0.00	21.41 1.11 0.00	24.37 1.23 0.00	23.88 1.25 0.00	27.24 1.45 0.00	29.38 1.71 0.00	34.33 2.15 0.00	37.90 2.45 0.00	37.15 2.36 0.00	35.81 2.36 0.00	36.94 2.61 0.00	36.06 2.62 0.00	38.57 2.80 0.00	37.88 2.96 0.00	39.77 3.17 0.00	38.47 3.15 0.00	38.97 3.21 0.00	39.28 3.09 0.00	38.45 2.90 0.00	36.69 2.71 0.00	36.49 2.58 0.00	34.23 2.19 0.00	30.03 1.94 0.00
PEEKSKILL___ 23653	25.45 1.17 0.00	24.13 1.11 0.00	21.21 0.91 0.00	24.14 1.01 0.00	23.67 1.03 0.00	26.98 1.20 0.00	29.08 1.42 0.00	33.92 1.75 0.00	37.44 1.99 0.00	36.68 1.90 0.00	35.40 1.95 0.00	36.50 2.17 0.00	35.67 2.23 0.00	38.14 2.37 0.00	37.47 2.54 0.00	39.25 2.65 0.00	37.94 2.62 0.00	38.42 2.66 0.00	38.71 2.52 0.00	37.92 2.37 0.00	36.18 2.20 0.00	36.04 2.12 0.00	33.83 1.79 0.00	29.71 1.63 0.00
PGE MADISON___WINDPWR 24146	26.20 1.92 0.00	24.67 1.65 0.00	21.71 1.41 0.00	24.71 1.58 0.00	24.16 1.52 0.00	27.70 1.91 0.00	29.70 2.04 0.00	34.49 2.31 0.00	38.24 2.79 0.00	37.56 2.77 0.00	36.33 2.88 0.00	37.29 2.96 0.00	35.95 2.51 0.00	38.57 2.80 0.00	37.77 2.84 0.00	40.05 3.45 0.00	38.82 3.51 0.00	39.66 3.90 0.00	40.21 4.01 0.00	39.19 3.64 0.00	37.22 3.24 0.00	37.06 3.15 0.00	35.02 2.98 0.00	30.48 2.39 0.00

PIERCEFIELD___HYD 23852	23.83 -0.45 0.00	22.54 -0.48 0.00	19.82 -0.47 0.00	22.57 -0.56 0.00	22.08 -0.55 0.00	25.14 -0.65 0.00	26.96 -0.70 0.00	31.37 -0.80 0.00	34.45 -1.00 0.00	33.91 -0.87 0.00	32.48 -0.97 0.00	33.05 -1.29 0.00	19.35 -1.43 12.66	12.13 -1.59 22.05	20.61 -1.59 12.72	35.11 -1.49 0.00	33.43 -1.89 0.00	15.23 -1.96 18.57	34.49 -1.70 0.00	33.92 -1.64 0.00	32.53 -1.45 0.00	33.09 -0.82 0.00	31.18 -0.86 0.00	27.16 -0.93 0.00
PINELAWN_CC_1 323563	25.58 1.29 0.00	24.30 1.29 0.00	21.26 0.95 0.00	24.24 1.10 0.00	23.79 1.16 0.00	27.10 1.32 0.00	29.09 1.43 0.00	31.92 1.51 1.76	33.35 1.64 3.74	36.41 1.63 0.00	35.22 1.78 0.00	36.37 2.04 0.00	35.66 2.22 0.00	38.07 2.29 0.00	37.69 2.77 0.00	39.46 2.86 0.00	38.08 2.77 0.00	38.62 2.86 0.00	38.93 2.74 0.00	38.18 2.63 0.00	36.38 2.40 0.00	36.23 2.31 0.00	34.07 2.03 0.00	30.25 2.16 0.00
PJM_GEN_HTTP_PROXY 323702	25.70 1.42 0.00	24.36 1.34 0.00	21.29 1.09 0.10	24.34 1.21 0.00	23.86 1.23 0.00	27.21 1.42 0.00	29.36 1.70 0.00	34.28 2.10 0.00	37.82 2.37 0.00	36.71 2.27 0.35	35.77 2.32 0.00	36.86 2.53 0.00	36.04 2.60 0.00	38.55 2.78 0.00	37.87 2.94 0.00	38.60 3.12 1.12	38.35 3.04 0.00	38.80 3.05 0.00	39.07 2.87 0.00	38.26 2.71 0.00	36.46 2.48 0.00	36.31 2.40 0.00	34.09 2.05 0.00	29.95 1.86 0.00
PJM_GEN_KEystone 24065	24.39 0.11 0.00	23.05 0.04 0.00	20.18 -0.02 0.10	23.13 0.00 0.00	22.62 -0.01 0.00	25.94 0.15 0.00	27.81 0.14 0.00	32.32 0.14 0.00	35.76 0.31 0.00	34.83 0.39 0.35	32.02 0.50 1.93	35.15 0.82 0.00	34.24 0.79 0.00	36.72 0.95 0.00	35.80 0.88 0.00	36.37 0.89 1.12	36.19 0.87 0.00	36.77 1.01 0.00	37.09 0.90 0.00	36.14 0.59 0.00	34.48 0.51 0.00	34.39 0.47 0.00	32.42 0.38 0.00	36.26 0.34 -7.82
PJM_GEN_NEPTUNE_PROXY 323594	25.59 1.31 0.00	24.30 1.29 0.00	21.18 0.98 0.10	24.25 1.11 0.00	23.80 1.16 0.00	27.11 1.33 0.00	29.17 1.51 0.00	31.80 1.65 2.02	32.97 1.81 4.29	36.20 1.76 0.35	35.34 1.89 0.00	36.48 2.15 0.00	35.72 2.28 0.00	38.15 2.38 0.00	37.76 2.83 0.00	38.41 2.93 1.12	38.09 2.78 0.00	38.63 2.88 0.00	38.89 2.70 0.00	38.03 2.48 0.00	36.28 2.30 0.00	36.13 2.21 0.00	33.96 1.92 0.00	29.92 1.83 0.00
PJM_GEN_VFT_PROXY 323633	25.65 1.37 0.00	24.32 1.30 0.00	21.25 1.06 0.10	24.29 1.16 0.00	23.83 1.19 0.00	27.15 1.37 0.00	29.29 1.63 0.00	34.18 2.01 0.00	37.71 2.26 0.00	36.59 2.15 0.35	35.67 2.22 0.00	36.79 2.45 0.00	35.97 2.53 0.00	38.46 2.69 0.00	37.81 2.89 0.00	38.53 3.05 1.12	38.26 2.94 0.00	38.71 2.95 0.00	38.99 2.80 0.00	38.20 2.65 0.00	36.42 2.44 0.00	36.28 2.36 0.00	34.07 2.03 0.00	29.92 1.83 0.00
PLATSBURG_115KV_PMLD1 355749	25.44 1.15 0.00	24.14 1.12 0.00	21.06 0.76 0.00	23.96 0.83 0.00	23.50 0.87 0.00	26.75 0.96 0.00	28.80 1.14 0.00	33.33 1.16 0.00	36.76 1.31 0.00	36.05 1.27 0.00	34.44 1.00 0.00	35.32 0.99 0.00	30.22 1.21 4.44	29.08 1.03 7.73	30.96 0.49 4.46	37.17 0.56 0.00	35.61 0.30 0.00	29.28 0.04 6.51	36.08 -0.11 0.00	35.15 -0.40 0.00	34.69 0.71 0.00	35.28 1.36 0.00	32.82 0.78 0.00	28.33 0.24 0.00
PLEASANTVLY___LBMP 24000	25.30 1.02 0.00	24.00 0.98 0.00	21.10 0.79 0.00	24.02 0.89 0.00	23.55 0.91 0.00	26.83 1.04 0.00	28.91 1.25 0.00	33.73 1.56 0.00	37.21 1.76 0.00	36.42 1.64 0.00	35.08 1.63 0.00	36.16 1.83 0.00	35.30 1.86 0.00	37.72 1.95 0.00	37.04 2.11 0.00	38.80 2.20 0.00	37.50 2.19 0.00	37.96 2.20 0.00	38.28 2.08 0.00	37.53 1.98 0.00	35.85 1.88 0.00	35.70 1.78 0.00	33.51 1.48 0.00	29.46 1.37 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.54 1.26 0.00	24.22 1.20 0.00	21.28 0.97 0.00	24.23 1.09 0.00	23.74 1.10 0.00	27.06 1.28 0.00	29.18 1.52 0.00	34.06 1.89 0.00	37.59 2.14 0.00	36.84 2.05 0.00	35.51 2.07 0.00	36.63 2.29 0.00	35.78 2.33 0.00	38.26 2.48 0.00	37.57 2.64 0.00	39.38 2.78 0.00	38.04 2.73 0.00	38.51 2.75 0.00	38.82 2.63 0.00	38.03 2.48 0.00	36.29 2.32 0.00	36.13 2.21 0.00	33.93 1.89 0.00	29.79 1.70 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	25.54 1.26 0.00	24.22 1.20 0.00	21.28 0.97 0.00	24.23 1.09 0.00	23.74 1.10 0.00	27.06 1.28 0.00	29.18 1.52 0.00	34.06 1.89 0.00	37.59 2.14 0.00	36.84 2.05 0.00	35.51 2.07 0.00	36.63 2.29 0.00	35.78 2.33 0.00	38.26 2.48 0.00	37.57 2.64 0.00	39.38 2.78 0.00	38.04 2.73 0.00	38.51 2.75 0.00	38.82 2.63 0.00	38.03 2.48 0.00	36.29 2.32 0.00	36.13 2.21 0.00	33.93 1.89 0.00	29.79 1.70 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.52 1.23 0.00	24.18 1.16 0.00	21.25 0.95 0.00	24.20 1.06 0.00	23.71 1.07 0.00	27.02 1.24 0.00	29.13 1.47 0.00	34.04 1.86 0.00	37.59 2.14 0.00	36.82 2.03 0.00	35.46 2.02 0.00	36.57 2.24 0.00	35.70 2.26 0.00	38.17 2.40 0.00	37.48 2.55 0.00	39.31 2.71 0.00	38.02 2.70 0.00	38.54 2.79 0.00	38.86 2.67 0.00	38.05 2.50 0.00	36.34 2.35 0.00	36.13 2.22 0.00	33.88 1.85 0.00	29.73 1.64 0.00
POLETTI____ 23519	25.70 1.41 0.00	24.35 1.33 0.00	21.39 1.09 0.00	24.33 1.20 0.00	23.86 1.23 0.00	27.19 1.41 0.00	29.34 1.68 0.00	34.24 2.07 0.00	37.79 2.34 0.00	37.02 2.24 0.00	35.73 2.29 0.00	36.85 2.52 0.00	36.03 2.59 0.00	38.53 2.75 0.00	37.84 2.92 0.00	39.71 3.11 0.00	38.33 3.01 0.00	38.77 3.01 0.00	39.04 2.85 0.00	38.24 2.69 0.00	36.46 2.48 0.00	36.33 2.41 0.00	34.10 2.06 0.00	29.96 1.87 0.00
POMONA___ESR 323819	25.41 1.12 0.00	24.09 1.07 0.00	21.18 0.88 0.00	24.12 0.99 0.00	23.64 1.01 0.00	26.96 1.18 0.00	29.02 1.36 0.00	33.86 1.69 0.00	37.36 1.91 0.00	36.63 1.84 0.00	35.36 1.91 0.00	36.48 2.15 0.00	35.66 2.22 0.00	38.14 2.37 0.00	37.45 2.52 0.00	39.23 2.63 0.00	37.92 2.61 0.00	38.42 2.66 0.00	38.70 2.51 0.00	37.88 2.33 0.00	36.16 2.18 0.00	36.01 2.09 0.00	33.79 1.75 0.00	29.66 1.58 0.00
PORT_JEFF_3 23555	25.63 1.35 0.00	24.41 1.39 0.00	21.34 1.04 0.00	24.37 1.24 0.00	23.93 1.30 0.00	27.26 1.47 0.00	29.32 1.66 0.00	31.93 1.68 1.92	33.20 1.83 4.08	36.65 1.87 0.00	35.45 2.00 0.00	36.58 2.25 0.00	35.89 2.45 0.00	38.21 2.44 0.00	37.84 2.91 0.00	39.58 2.98 0.00	38.14 2.83 0.00	38.67 2.92 0.00	38.98 2.79 0.00	38.23 2.67 0.00	36.62 2.64 0.00	36.42 2.50 0.00	34.09 2.05 0.00	30.10 2.02 0.00
PORT_JEFF_4 23616	25.63 1.35 0.00	24.41 1.39 0.00	21.34 1.04 0.00	24.37 1.24 0.00	23.93 1.30 0.00	27.26 1.47 0.00	29.32 1.66 0.00	31.93 1.68 1.92	33.20 1.83 4.08	36.65 1.87 0.00	35.45 2.00 0.00	36.58 2.25 0.00	35.89 2.45 0.00	38.21 2.44 0.00	37.84 2.91 0.00	39.58 2.98 0.00	38.14 2.83 0.00	38.67 2.92 0.00	38.98 2.79 0.00	38.23 2.67 0.00	36.62 2.64 0.00	36.42 2.50 0.00	34.09 2.05 0.00	30.10 2.02 0.00

PORT_JEFF_IC 23713	25.67 1.39 0.00	24.44 1.43 0.00	21.37 1.07 0.00	24.41 1.27 0.00	23.97 1.34 0.00	27.30 1.51 0.00	29.38 1.71 0.00	31.98 1.72 1.92	33.27 1.89 4.07	36.72 1.93 0.00	35.51 2.06 0.00	36.68 2.35 0.00	35.97 2.53 0.00	38.32 2.55 0.00	37.92 2.99 0.00	39.72 3.12 0.00	38.14 2.82 0.00	38.69 2.93 0.00	38.99 2.80 0.00	38.23 2.68 0.00	36.73 2.76 0.00	36.51 2.59 0.00	34.17 2.13 0.00	30.15 2.06 0.00
PPL PILGRIM_ST_GT1 24216	25.84 1.56 0.00	24.57 1.56 0.00	21.47 1.17 0.00	24.50 1.37 0.00	24.06 1.43 0.00	27.40 1.62 0.00	29.49 1.83 0.00	32.21 1.93 1.90	33.54 2.12 4.03	36.90 2.11 0.00	35.67 2.23 0.00	36.85 2.51 0.00	36.13 2.69 0.00	38.56 2.79 0.00	38.06 3.13 0.00	39.81 3.22 0.00	38.42 3.10 0.00	38.77 3.01 0.00	39.09 2.90 0.00	38.45 2.90 0.00	36.75 2.77 0.00	36.64 2.72 -0.01	34.34 2.30 0.00	30.29 2.21 0.00
PPL PILGRIM_ST_GT2 24217	25.84 1.56 0.00	24.57 1.56 0.00	21.47 1.17 0.00	24.50 1.37 0.00	24.06 1.43 0.00	27.40 1.62 0.00	29.49 1.83 0.00	32.21 1.93 1.90	33.54 2.12 4.03	36.90 2.11 0.00	35.67 2.23 0.00	36.85 2.51 0.00	36.13 2.69 0.00	38.56 2.79 0.00	38.06 3.13 0.00	39.81 3.22 0.00	38.42 3.10 0.00	38.77 3.01 0.00	39.09 2.90 0.00	38.45 2.90 0.00	36.75 2.77 0.00	36.64 2.72 -0.01	34.34 2.30 0.00	30.29 2.21 0.00
PPL_SHRM_GT3 24213	25.48 1.19 0.00	24.29 1.27 0.00	21.27 0.97 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.70 1.45 1.92	32.97 1.59 4.08	36.46 1.68 0.00	35.30 1.86 0.00	36.51 2.18 0.00	35.83 2.39 0.00	38.17 2.40 0.00	37.75 2.83 0.00	39.55 2.95 0.00	38.24 2.92 0.00	38.86 3.10 0.00	39.16 2.97 0.00	38.36 2.81 0.00	36.63 2.65 0.00	36.40 2.48 0.00	34.04 2.00 0.00	29.99 1.90 0.00
PPL_SHRM_GT4 24214	25.48 1.19 0.00	24.29 1.27 0.00	21.27 0.97 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.70 1.45 1.92	32.97 1.59 4.08	36.46 1.68 0.00	35.30 1.86 0.00	36.51 2.18 0.00	35.83 2.39 0.00	38.17 2.40 0.00	37.75 2.83 0.00	39.55 2.95 0.00	38.24 2.92 0.00	38.86 3.10 0.00	39.16 2.97 0.00	38.36 2.81 0.00	36.63 2.65 0.00	36.40 2.48 0.00	34.04 2.00 0.00	29.99 1.90 0.00
PROJECT___ORANGE 1 24174	23.67 -0.62 0.00	22.39 -0.63 0.00	19.78 -0.52 0.00	22.57 -0.57 0.00	22.07 -0.57 0.00	25.18 -0.61 0.00	26.94 -0.72 0.00	31.30 -0.87 0.00	34.59 -0.86 0.00	34.04 -0.75 0.00	32.83 -0.61 0.00	33.86 -0.47 0.00	33.03 -0.41 0.00	35.42 -0.35 0.00	34.59 -0.33 0.00	36.28 -0.32 0.00	35.05 -0.26 0.00	35.54 -0.22 0.00	35.97 -0.22 0.00	35.23 -0.31 0.00	33.61 -0.37 0.00	33.43 -0.48 0.00	31.45 -0.59 0.00	27.54 -0.55 0.00
PROJECT___ORANGE 2 24166	23.67 -0.62 0.00	22.39 -0.63 0.00	19.78 -0.52 0.00	22.57 -0.57 0.00	22.07 -0.57 0.00	25.18 -0.61 0.00	26.94 -0.72 0.00	31.30 -0.87 0.00	34.59 -0.86 0.00	34.04 -0.75 0.00	32.83 -0.61 0.00	33.86 -0.47 0.00	33.03 -0.41 0.00	35.42 -0.35 0.00	34.59 -0.33 0.00	36.28 -0.32 0.00	35.05 -0.26 0.00	35.54 -0.22 0.00	35.97 -0.22 0.00	35.23 -0.31 0.00	33.61 -0.37 0.00	33.43 -0.48 0.00	31.45 -0.59 0.00	27.54 -0.55 0.00
PUCKETT___SOLAR 323809	24.25 -0.03 0.00	22.90 -0.12 0.00	20.18 -0.12 0.00	23.03 -0.11 0.00	22.51 -0.13 0.00	25.75 -0.03 0.00	27.59 -0.08 0.00	32.06 -0.11 0.00	35.48 0.03 0.00	34.95 0.16 0.00	33.57 0.13 0.00	34.64 0.30 0.00	33.65 0.20 0.00	36.07 0.30 0.00	35.16 0.24 0.00	36.85 0.25 0.00	35.56 0.24 0.00	36.28 0.52 0.00	36.76 0.56 0.00	35.95 0.40 0.00	34.33 0.35 0.00	34.17 0.25 0.00	32.18 0.14 0.00	28.15 0.06 0.00
PYRITES___HYD 24023	24.42 0.14 0.00	23.10 0.08 0.00	20.31 0.01 0.00	23.12 -0.01 0.00	22.62 -0.02 0.00	25.78 -0.01 0.00	27.66 0.00 0.00	32.12 -0.06 0.00	35.15 -0.30 0.00	34.57 -0.22 0.00	33.17 -0.27 0.00	33.62 -0.71 0.00	20.76 -0.99 11.70	14.51 -0.90 20.36	22.39 -0.78 11.75	35.81 -0.79 0.00	33.92 -1.39 0.00	17.42 -1.19 17.15	35.40 -0.79 0.00	34.77 -0.78 0.00	33.35 -0.63 0.00	33.94 0.03 0.00	32.05 0.01 0.00	27.89 -0.19 0.00
QUAKERRD_115KV_BK1 80622	23.31 -0.98 0.00	21.99 -1.03 0.00	19.40 -0.89 0.00	22.16 -0.97 0.00	21.64 -1.00 0.00	24.80 -0.99 0.00	26.47 -1.19 0.00	30.60 -1.57 0.00	33.81 -1.64 0.00	33.38 -1.41 0.00	32.28 -1.17 0.00	33.45 -0.89 0.00	32.69 -0.75 0.00	35.21 -0.56 0.00	34.14 -0.79 0.00	35.75 -0.85 0.00	34.52 -0.79 0.00	35.15 -0.60 0.00	35.62 -0.57 0.00	34.68 -0.87 0.00	33.03 -0.94 0.00	32.95 -0.96 0.00	30.97 -1.07 0.00	27.17 -0.91 0.00
QUENSBRY_115KV_TB8 356137	25.89 1.61 0.00	24.53 1.51 0.00	21.54 1.24 0.00	24.55 1.41 0.00	24.05 1.42 0.00	27.41 1.62 0.00	29.65 2.00 0.00	34.41 2.24 0.00	37.88 2.43 0.00	36.93 2.14 0.00	35.13 1.68 0.00	36.19 1.85 0.00	35.13 1.69 0.00	37.44 1.67 0.00	36.76 1.84 0.00	38.70 2.10 0.00	37.49 2.18 0.00	38.11 2.35 0.00	38.91 2.72 0.00	38.44 2.89 0.00	37.07 3.09 0.00	36.75 2.83 0.00	34.39 2.36 0.00	30.11 2.03 0.00
RAMAPO___LBMP 323565	25.31 1.03 0.00	24.00 0.98 0.00	21.10 0.80 0.00	24.02 0.89 0.00	23.55 0.91 0.00	26.86 1.08 0.00	28.92 1.26 0.00	33.74 1.56 0.00	37.23 1.78 0.00	36.49 1.71 0.00	35.22 1.78 0.00	36.34 2.01 0.00	35.51 2.07 0.00	37.98 2.21 0.00	37.28 2.36 0.00	39.04 2.45 0.00	37.74 2.42 0.00	38.23 2.48 0.00	38.52 2.32 0.00	37.71 2.16 0.00	36.00 2.02 0.00	35.85 1.93 0.00	33.67 1.63 0.00	29.55 1.46 0.00
RANKINE____ 23646	23.75 -0.53 0.00	22.28 -0.74 0.00	19.62 -0.68 0.00	22.49 -0.64 0.00	21.90 -0.73 0.00	25.23 -0.55 0.00	26.87 -0.79 0.00	30.92 -1.26 0.00	34.35 -1.10 0.00	34.05 -0.73 0.00	32.95 -0.49 0.00	34.23 -0.11 0.00	33.33 -0.11 0.00	35.98 0.21 0.00	34.71 -0.21 0.00	36.40 -0.21 -0.01	35.10 -0.22 0.00	35.73 -0.03 0.00	36.14 -0.06 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.69 -0.40 0.00
RAVENSWOOD_GT2_1 24244	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.13 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.06 2.62 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.74 3.14 0.00	38.36 3.04 0.00	38.80 3.04 0.00	39.08 2.89 0.00	38.28 2.73 0.00	36.51 2.53 0.00	36.37 2.45 0.00	34.15 2.11 0.00	30.01 1.92 0.00
RAVENSWOOD_GT2_2 24245	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.39 1.73 0.00	34.31 2.13 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.06 2.62 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.74 3.14 0.00	38.36 3.04 0.00	38.80 3.04 0.00	39.08 2.89 0.00	38.28 2.73 0.00	36.51 2.53 0.00	36.37 2.45 0.00	34.15 2.11 0.00	30.01 1.92 0.00



RAVENSWOOD_GT2_3 24246	25.75 1.47 0.00	24.40 1.39 0.00	21.43 1.14 0.00	24.39 1.25 0.00	23.91 1.27 0.00	27.26 1.48 0.00	29.41 1.75 0.00	34.33 2.16 0.00	37.88 2.43 0.00	37.11 2.32 0.00	35.82 2.37 0.00	36.93 2.60 0.00	36.09 2.64 0.00	38.59 2.82 0.00	37.91 2.98 0.00	39.77 3.16 0.00	38.39 3.07 0.00	38.83 3.08 0.00	39.10 2.91 0.00	38.31 2.76 0.00	36.53 2.55 0.00	36.40 2.48 0.00	34.17 2.13 0.00	30.03 1.94 0.00
RAVENSWOOD_GT2_4 24247	25.75 1.47 0.00	24.40 1.39 0.00	21.43 1.14 0.00	24.39 1.25 0.00	23.91 1.27 0.00	27.26 1.48 0.00	29.41 1.75 0.00	34.33 2.16 0.00	37.88 2.43 0.00	37.11 2.32 0.00	35.82 2.37 0.00	36.93 2.60 0.00	36.09 2.64 0.00	38.59 2.82 0.00	37.91 2.98 0.00	39.77 3.16 0.00	38.39 3.07 0.00	38.83 3.08 0.00	39.10 2.91 0.00	38.31 2.76 0.00	36.53 2.55 0.00	36.40 2.48 0.00	34.17 2.13 0.00	30.03 1.94 0.00
RAVENSWOOD_GT3_1 24248	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.13 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.06 2.62 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.74 3.14 0.00	38.36 3.05 0.00	38.81 3.05 0.00	39.08 2.89 0.00	38.28 2.73 0.00	36.51 2.53 0.00	36.37 2.45 0.00	34.15 2.11 0.00	30.01 1.92 0.00
RAVENSWOOD_GT3_2 24249	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.13 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.06 2.62 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.74 3.14 0.00	38.36 3.05 0.00	38.81 3.05 0.00	39.08 2.89 0.00	38.28 2.73 0.00	36.51 2.53 0.00	36.37 2.45 0.00	34.15 2.11 0.00	30.01 1.92 0.00
RAVENSWOOD_GT3_3 24250	25.78 1.50 0.00	24.43 1.42 0.00	21.46 1.16 0.00	24.42 1.28 0.00	23.94 1.30 0.00	27.29 1.51 0.00	29.45 1.79 0.00	34.37 2.20 0.00	37.93 2.48 0.00	37.16 2.38 0.00	35.87 2.42 0.00	36.99 2.65 0.00	36.14 2.70 0.00	38.65 2.88 0.00	37.97 3.04 0.00	39.83 3.23 0.00	38.45 3.14 0.00	38.90 3.14 0.00	39.16 2.97 0.00	38.37 2.82 0.00	36.59 2.61 0.00	36.45 2.53 0.00	34.22 2.18 0.00	30.07 1.98 0.00
RAVENSWOOD_GT3_4 24251	25.78 1.50 0.00	24.43 1.42 0.00	21.46 1.16 0.00	24.42 1.28 0.00	23.94 1.30 0.00	27.29 1.51 0.00	29.45 1.79 0.00	34.37 2.20 0.00	37.93 2.48 0.00	37.16 2.38 0.00	35.87 2.42 0.00	36.99 2.65 0.00	36.14 2.70 0.00	38.65 2.88 0.00	37.97 3.04 0.00	39.83 3.23 0.00	38.45 3.14 0.00	38.90 3.14 0.00	39.16 2.97 0.00	38.37 2.82 0.00	36.59 2.61 0.00	36.45 2.53 0.00	34.22 2.18 0.00	30.07 1.98 0.00
RAVENSWOOD_GT_1 23729	25.81 1.52 0.00	24.45 1.44 0.00	21.47 1.17 0.00	24.43 1.30 0.00	23.96 1.32 0.00	27.32 1.54 0.00	29.50 1.84 0.00	34.42 2.25 0.00	37.95 2.50 0.00	37.16 2.37 0.00	35.87 2.42 0.00	36.98 2.65 0.00	36.14 2.70 0.00	38.63 2.86 0.00	37.94 3.02 0.00	39.80 3.20 0.00	39.03 3.12 -0.59	39.34 3.09 -0.49	39.21 2.91 -0.11	38.32 2.77 0.00	36.56 2.58 0.00	36.42 2.50 0.00	34.21 2.17 0.00	30.11 2.02 0.00
RAVENSWOOD_GT_10 24258	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.25 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.07 2.63 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.75 3.14 0.00	38.44 3.05 -0.07	38.86 3.05 -0.06	39.09 2.89 -0.01	38.29 2.74 0.00	36.51 2.53 0.00	36.37 2.46 0.00	34.15 2.11 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_11 24259	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.25 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.07 2.63 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.75 3.14 0.00	38.44 3.05 -0.07	38.86 3.05 -0.06	39.09 2.89 -0.01	38.29 2.74 0.00	36.51 2.53 0.00	36.37 2.46 0.00	34.15 2.11 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_4 24252	25.73 1.45 0.00	24.39 1.38 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.91 1.27 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.42 0.00	37.09 2.31 0.00	35.80 2.36 0.00	36.92 2.59 0.00	36.08 2.64 0.00	38.59 2.82 0.00	37.90 2.97 0.00	39.76 3.15 0.00	38.83 3.07 -0.45	39.20 3.07 -0.37	39.18 2.91 -0.08	38.30 2.75 0.00	36.53 2.55 0.00	36.39 2.48 0.00	34.16 2.12 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_5 24254	25.73 1.45 0.00	24.39 1.38 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.91 1.27 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.42 0.00	37.09 2.31 0.00	35.80 2.36 0.00	36.92 2.59 0.00	36.08 2.64 0.00	38.59 2.82 0.00	37.90 2.97 0.00	39.76 3.15 0.00	38.83 3.07 -0.45	39.20 3.07 -0.37	39.18 2.91 -0.08	38.30 2.75 0.00	36.53 2.55 0.00	36.39 2.48 0.00	34.16 2.12 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_6 24253	25.73 1.45 0.00	24.39 1.38 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.91 1.27 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.42 0.00	37.09 2.31 0.00	35.80 2.36 0.00	36.92 2.59 0.00	36.08 2.64 0.00	38.59 2.82 0.00	37.90 2.97 0.00	39.76 3.15 0.00	38.83 3.07 -0.45	39.20 3.07 -0.37	39.18 2.91 -0.08	38.30 2.75 0.00	36.53 2.55 0.00	36.39 2.48 0.00	34.16 2.12 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_7 24255	25.73 1.45 0.00	24.39 1.38 0.00	21.43 1.13 0.00	24.38 1.25 0.00	23.91 1.27 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.86 2.42 0.00	37.09 2.31 0.00	35.80 2.36 0.00	36.92 2.59 0.00	36.08 2.64 0.00	38.59 2.82 0.00	37.90 2.97 0.00	39.76 3.15 0.00	38.83 3.07 -0.45	39.20 3.07 -0.37	39.18 2.91 -0.08	38.30 2.75 0.00	36.53 2.55 0.00	36.39 2.48 0.00	34.16 2.12 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.25 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.07 2.63 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.75 3.14 0.00	38.44 3.05 -0.07	38.86 3.05 -0.06	39.09 2.89 -0.01	38.29 2.74 0.00	36.51 2.53 0.00	36.37 2.46 0.00	34.15 2.11 0.00	30.01 1.92 0.00
RAVENSWOOD_GT_9 24257	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.25 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.39 1.73 0.00	34.31 2.14 0.00	37.85 2.40 0.00	37.08 2.30 0.00	35.80 2.35 0.00	36.91 2.57 0.00	36.07 2.63 0.00	38.56 2.79 0.00	37.88 2.95 0.00	39.75 3.14 0.00	38.44 3.05 -0.07	38.86 3.05 -0.06	39.09 2.89 -0.01	38.29 2.74 0.00	36.51 2.53 0.00	36.37 2.46 0.00	34.15 2.11 0.00	30.01 1.92 0.00

RAVENSWOOD___1 23533	25.78 1.50 0.00	24.41 1.39 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.91 1.27 0.00	27.26 1.47 0.00	29.43 1.77 0.00	34.34 2.17 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.88 2.55 0.00	36.06 2.62 0.00	38.54 2.77 0.00	37.88 2.95 0.00	39.71 3.11 0.00	37.76 3.03 0.58	38.30 3.02 0.48	38.93 2.84 0.10	38.26 2.71 0.00	36.49 2.51 0.00	36.36 2.45 0.00	34.16 2.12 0.00	30.04 1.96 0.00
RAVENSWOOD___2 23534	25.72 1.44 0.00	24.37 1.35 0.00	21.40 1.10 0.00	24.35 1.22 0.00	23.88 1.24 0.00	27.22 1.44 0.00	29.40 1.74 0.00	34.28 2.11 0.00	37.75 2.30 0.00	36.95 2.16 0.00	35.63 2.19 0.00	36.65 2.31 0.00	35.84 2.39 0.00	38.27 2.50 0.00	37.65 2.72 0.00	39.44 2.83 0.00	38.10 2.78 0.00	38.49 2.73 0.00	38.75 2.56 0.00	37.99 2.43 0.00	36.23 2.26 0.00	36.10 2.18 0.00	33.92 1.88 0.00	29.92 1.83 0.00
RAVENSWOOD___3 23535	25.74 1.45 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.25 0.00	23.90 1.26 0.00	27.24 1.46 0.00	29.40 1.74 0.00	34.31 2.14 0.00	37.85 2.40 0.00	37.08 2.29 0.00	35.80 2.36 0.00	36.91 2.58 0.00	36.07 2.63 0.00	38.56 2.79 0.00	37.88 2.96 0.00	39.74 3.14 0.00	38.37 3.05 0.00	38.81 3.05 0.00	39.08 2.89 0.00	38.28 2.73 0.00	36.51 2.53 0.00	36.38 2.46 0.00	34.16 2.12 0.00	30.01 1.92 0.00
RAVENSWOOD___4 23820	25.75 1.47 0.00	24.40 1.38 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.91 1.27 0.00	27.26 1.47 0.00	29.43 1.77 0.00	34.34 2.17 0.00	37.87 2.42 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.88 2.55 0.00	36.06 2.62 0.00	38.54 2.77 0.00	37.88 2.95 0.00	39.71 3.11 0.00	37.76 3.03 0.58	38.30 3.02 0.48	38.93 2.84 0.10	38.26 2.71 0.00	36.49 2.51 0.00	36.36 2.45 0.00	34.16 2.12 0.00	30.04 1.96 0.00
RCPL_TRUST___DRP 24196	25.74 1.46 0.00	24.39 1.37 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.90 1.26 0.00	27.25 1.46 0.00	29.40 1.74 0.00	34.34 2.17 0.00	37.89 2.44 0.00	37.13 2.34 0.00	35.83 2.39 0.00	36.94 2.61 0.00	36.10 2.66 0.00	38.63 2.86 0.00	37.94 3.01 0.00	39.80 3.20 0.00	38.42 3.11 0.00	38.86 3.10 0.00	39.12 2.93 0.00	38.30 2.75 0.00	36.49 2.52 0.00	36.36 2.44 0.00	34.13 2.09 0.00	29.98 1.89 0.00
RED___ROCHESTER 323720	23.98 -0.30 0.00	22.60 -0.41 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.47 0.00	31.40 -0.77 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.26 -0.18 0.00	34.57 0.24 0.00	33.81 0.37 0.00	36.45 0.68 0.00	35.19 0.27 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.05 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
REGAN___SOLAR 323812	26.52 2.24 0.00	25.06 2.05 0.00	22.07 1.78 0.00	25.14 2.00 0.00	24.62 1.98 0.00	28.17 2.39 0.00	30.25 2.58 0.00	35.01 2.83 0.00	38.62 3.17 0.00	37.35 2.56 0.00	35.49 2.05 0.00	34.98 0.64 0.00	33.94 0.50 0.00	37.39 1.63 0.00	36.76 1.84 0.00	40.96 4.36 0.00	38.50 3.19 0.00	38.43 2.68 0.00	40.40 4.20 0.00	39.62 4.07 0.00	38.19 4.21 0.00	37.93 4.02 0.00	35.49 3.45 0.00	30.92 2.83 0.00
RENSSELAER___COGEN 23796	24.62 0.33 0.00	23.42 0.40 0.00	20.67 0.37 0.00	23.54 0.41 0.00	23.07 0.43 0.00	26.23 0.45 0.00	28.19 0.53 0.00	32.77 0.60 0.00	36.05 0.60 0.00	35.27 0.49 0.00	33.87 0.42 0.00	34.85 0.51 0.00	33.94 0.49 0.00	36.27 0.50 0.00	35.57 0.64 0.00	37.15 0.55 0.00	35.93 0.61 0.00	36.43 0.66 0.00	36.80 0.60 0.00	36.25 0.70 0.00	34.71 0.74 0.00	34.49 0.57 0.00	32.41 0.37 0.00	28.47 0.38 0.00
REPUBLIC_115KV_BARTNBK 55605	27.63 3.34 0.00	26.07 3.05 0.00	22.69 2.39 0.00	25.84 2.70 0.00	25.36 2.72 0.00	28.92 3.13 0.00	31.58 3.92 0.00	36.49 4.31 0.00	40.17 4.72 0.00	38.69 3.91 0.00	36.80 3.36 0.00	38.15 3.82 0.00	37.11 3.67 0.00	39.54 3.76 0.00	38.88 3.95 0.00	41.04 4.44 0.00	39.61 4.30 0.00	40.53 4.77 0.00	41.37 5.18 0.00	40.89 5.34 0.00	39.41 5.43 0.00	39.09 5.17 0.00	36.43 4.39 0.00	31.88 3.79 0.00
REVERE_CPPR_DRP 24186	25.01 0.73 0.00	23.60 0.58 0.00	20.81 0.51 0.00	23.72 0.59 0.00	23.18 0.55 0.00	26.47 0.68 0.00	28.47 0.81 0.00	33.07 0.90 0.00	36.54 1.09 0.00	35.97 1.19 0.00	34.68 1.23 0.00	35.72 1.39 0.00	42.95 1.18 -8.33	51.35 1.08 -14.50	44.31 1.01 -8.37	37.88 1.28 0.00	36.73 1.41 0.00	49.56 1.59 -12.21	37.95 1.76 0.00	37.33 1.78 0.00	35.68 1.70 0.00	35.53 1.61 0.00	33.22 1.18 0.00	28.97 0.88 0.00
REYNOLDS_115KV_TB3 80639	24.81 0.53 0.00	23.61 0.60 0.00	20.84 0.55 0.00	23.76 0.63 0.00	23.27 0.63 0.00	26.46 0.68 0.00	28.44 0.77 0.00	33.05 0.88 0.00	36.34 0.89 0.00	35.54 0.76 0.00	34.10 0.66 0.00	35.09 0.76 0.00	34.17 0.73 0.00	36.51 0.74 0.00	35.80 0.87 0.00	37.37 0.77 0.00	36.15 0.83 0.00	36.64 0.88 0.00	36.99 0.80 0.00	36.48 0.93 0.00	34.95 0.97 0.00	34.72 0.80 0.00	32.63 0.59 0.00	28.69 0.61 0.00
RIVERBAY____ 323610	25.87 1.59 0.00	24.53 1.52 0.00	21.58 1.28 0.00	24.53 1.40 0.00	24.09 1.45 0.00	27.49 1.70 0.00	29.67 2.01 0.00	34.51 2.34 0.00	37.95 2.51 0.00	37.10 2.32 0.00	35.80 2.35 0.00	36.96 2.62 0.00	36.06 2.62 0.00	38.51 2.74 0.00	37.81 2.89 0.00	39.65 3.05 0.00	38.25 2.93 0.00	38.66 2.90 0.00	39.01 2.82 0.00	38.29 2.74 0.00	36.60 2.62 0.00	36.47 2.56 0.00	34.29 2.25 0.00	30.31 2.22 0.00
RIVERSDE_115KV_TB3 55908	24.72 0.43 0.00	23.51 0.50 0.00	20.75 0.46 0.00	23.64 0.51 0.00	23.16 0.53 0.00	26.35 0.56 0.00	28.31 0.65 0.00	32.93 0.76 0.00	36.24 0.79 0.00	35.47 0.68 0.00	34.04 0.60 0.00	35.04 0.70 0.00	34.13 0.68 0.00	36.47 0.70 0.00	35.76 0.84 0.00	37.36 0.76 0.00	36.14 0.82 0.00	36.63 0.87 0.00	36.99 0.79 0.00	36.44 0.89 0.00	34.89 0.91 0.00	34.66 0.75 0.00	32.57 0.53 0.00	28.61 0.52 0.00
ROARING___BROOK_WT_PWR 323790	24.08 -0.20 0.00	22.72 -0.30 0.00	19.98 -0.32 0.00	22.72 -0.42 0.00	22.17 -0.47 0.00	25.24 -0.55 0.00	27.11 -0.55 0.00	31.63 -0.54 0.00	34.74 -0.71 0.00	34.26 -0.53 0.00	32.88 -0.57 0.00	33.62 -0.71 0.00	30.95 -1.14 1.35	32.12 -1.30 2.36	32.48 -1.09 1.36	35.79 -0.81 0.00	34.44 -0.88 0.00	32.50 -1.27 1.98	35.51 -0.69 0.00	34.88 -0.67 0.00	33.23 -0.74 0.00	33.26 -0.66 0.00	31.39 -0.65 0.00	27.38 -0.71 0.00
ROCHESRG_115KV_T4 355643	23.66 -0.63 0.00	22.31 -0.71 0.00	19.68 -0.62 0.00	22.50 -0.63 0.00	21.95 -0.69 0.00	25.18 -0.60 0.00	26.86 -0.80 0.00	30.99 -1.18 0.00	34.26 -1.19 0.00	33.86 -0.93 0.00	32.74 -0.70 0.00	33.97 -0.36 0.00	33.18 -0.26 0.00	35.74 -0.03 0.00	34.57 -0.35 0.00	36.18 -0.42 0.00	34.96 -0.35 0.00	35.60 -0.16 0.00	36.08 -0.12 0.00	35.09 -0.46 0.00	33.43 -0.55 0.00	33.37 -0.55 0.00	31.41 -0.63 0.00	27.58 -0.51 0.00

ROCHESTER_9_IC 23652	23.83 -0.46 0.00	22.47 -0.55 0.00	19.81 -0.48 0.00	22.64 -0.49 0.00	22.09 -0.54 0.00	25.35 -0.44 0.00	27.04 -0.62 0.00	31.21 -0.96 0.00	34.52 -0.93 0.00	34.13 -0.65 0.00	33.03 -0.42 0.00	34.29 -0.05 0.00	33.53 0.09 0.00	36.12 0.35 0.00	34.91 -0.01 0.00	36.54 -0.05 0.00	35.32 0.00 0.00	35.98 0.22 0.00	36.45 0.26 0.00	35.45 -0.10 0.00	33.76 -0.22 0.00	33.68 -0.24 0.00	31.67 -0.37 0.00	27.79 -0.30 0.00
ROCKVIEW_13_KV_LD 356306	25.70 1.42 0.00	24.36 1.34 0.00	21.40 1.10 0.00	24.35 1.22 0.00	23.88 1.24 0.00	27.25 1.46 0.00	29.36 1.70 0.00	34.29 2.11 0.00	37.83 2.38 0.00	37.06 2.27 0.00	35.75 2.30 0.00	36.88 2.55 0.00	36.01 2.57 0.00	38.51 2.74 0.00	37.82 2.89 0.00	39.66 3.06 0.00	38.33 3.01 0.00	38.82 3.06 0.00	39.08 2.89 0.00	38.28 2.73 0.00	36.54 2.56 0.00	36.36 2.45 0.00	34.16 2.12 0.00	30.02 1.93 0.00
ROME____115KV_TB2 80656	25.01 0.73 0.00	23.60 0.58 0.00	20.81 0.51 0.00	23.72 0.59 0.00	23.18 0.55 0.00	26.47 0.68 0.00	28.47 0.81 0.00	33.07 0.90 0.00	36.54 1.09 0.00	35.97 1.19 0.00	34.68 1.23 0.00	35.72 1.39 0.00	42.95 1.18 -8.33	51.35 1.08 -14.50	44.31 1.01 -8.37	37.88 1.28 0.00	36.73 1.41 0.00	49.56 1.59 -12.21	37.95 1.76 0.00	37.33 1.78 0.00	35.68 1.70 0.00	35.53 1.61 0.00	33.22 1.18 0.00	28.97 0.88 0.00
ROSETON____1 23587	25.27 0.99 0.00	23.97 0.95 0.00	21.07 0.77 0.00	24.00 0.86 0.00	23.52 0.88 0.00	26.80 1.02 0.00	28.86 1.20 0.00	33.68 1.51 0.00	37.15 1.71 0.00	36.39 1.61 0.00	35.06 1.62 0.00	36.13 1.80 0.00	35.27 1.83 0.00	37.69 1.92 0.00	37.02 2.09 0.00	38.76 2.17 0.00	37.48 2.16 0.00	37.94 2.18 0.00	38.24 2.05 0.00	37.48 1.93 0.00	35.80 1.82 0.00	35.70 1.78 0.00	33.52 1.48 0.00	29.46 1.37 0.00
ROSETON____2 23588	25.27 0.99 0.00	23.97 0.95 0.00	21.07 0.77 0.00	24.00 0.86 0.00	23.52 0.88 0.00	26.80 1.02 0.00	28.86 1.20 0.00	33.68 1.51 0.00	37.15 1.71 0.00	36.39 1.61 0.00	35.06 1.62 0.00	36.13 1.80 0.00	35.27 1.83 0.00	37.69 1.92 0.00	37.02 2.09 0.00	38.76 2.17 0.00	37.48 2.16 0.00	37.94 2.18 0.00	38.24 2.05 0.00	37.48 1.93 0.00	35.80 1.82 0.00	35.70 1.78 0.00	33.52 1.48 0.00	29.46 1.37 0.00
ROTTDAM_115KV_TB3 80664	24.88 0.60 0.00	23.60 0.58 0.00	20.80 0.51 0.00	23.71 0.58 0.00	23.22 0.59 0.00	26.45 0.66 0.00	28.42 0.76 0.00	33.06 0.89 0.00	36.41 0.96 0.00	35.65 0.87 0.00	34.24 0.79 0.00	35.19 0.85 0.00	34.24 0.80 0.00	36.61 0.84 0.00	35.84 0.92 0.00	37.59 0.99 0.00	36.35 1.04 0.00	36.83 1.07 0.00	37.30 1.11 0.00	36.71 1.16 0.00	35.13 1.15 0.00	34.95 1.04 0.00	32.88 0.84 0.00	28.85 0.76 0.00
RUSSELL____1 23602	23.98 -0.30 0.00	22.60 -0.42 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.46 0.00	31.40 -0.78 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.27 -0.17 0.00	34.57 0.23 0.00	33.82 0.38 0.00	36.45 0.68 0.00	35.23 0.30 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.06 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
RUSSELL____2 23532	23.98 -0.30 0.00	22.60 -0.42 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.46 0.00	31.40 -0.78 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.27 -0.17 0.00	34.57 0.23 0.00	33.82 0.38 0.00	36.45 0.68 0.00	35.23 0.30 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.06 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
RUSSELL____3 23549	23.98 -0.30 0.00	22.60 -0.42 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.46 0.00	31.40 -0.78 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.27 -0.17 0.00	34.57 0.23 0.00	33.82 0.38 0.00	36.45 0.68 0.00	35.23 0.30 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.06 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
RUSSELL____4 23556	23.98 -0.30 0.00	22.60 -0.42 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.46 0.00	31.40 -0.78 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.27 -0.17 0.00	34.57 0.23 0.00	33.82 0.38 0.00	36.45 0.68 0.00	35.23 0.30 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.06 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
RUSSELL____STATION 23914	23.98 -0.30 0.00	22.60 -0.42 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.46 0.00	31.40 -0.78 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.27 -0.17 0.00	34.57 0.23 0.00	33.82 0.38 0.00	36.45 0.68 0.00	35.23 0.30 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.06 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
S SALMON____HYD 24043	23.75 -0.53 0.00	22.41 -0.61 0.00	19.78 -0.51 0.00	22.57 -0.56 0.00	22.07 -0.57 0.00	25.17 -0.62 0.00	26.96 -0.70 0.00	31.46 -0.71 0.00	34.80 -0.64 0.00	34.41 -0.38 0.00	32.88 -0.56 0.00	33.52 -0.82 0.00	17.78 -1.48 14.18	9.59 -1.49 24.70	19.46 -1.22 14.25	35.82 -0.78 0.00	34.83 -0.48 0.00	14.01 -0.95 20.80	35.84 -0.35 0.00	35.26 -0.29 0.00	33.69 -0.29 0.00	33.57 -0.35 0.00	31.44 -0.60 0.00	27.45 -0.64 0.00
S.PERRY__115KV_TB1 80734	24.68 0.39 0.00	23.13 0.11 0.00	20.30 0.00 0.00	23.18 0.05 0.00	22.61 -0.03 0.00	26.04 0.25 0.00	27.90 0.24 0.00	32.15 -0.02 0.00	35.14 -0.30 0.00	34.07 -0.72 0.00	32.67 -0.78 0.00	33.90 -0.44 0.00	33.23 -0.21 0.00	35.89 0.12 0.00	34.83 -0.10 0.00	36.19 -0.41 0.00	35.09 -0.23 0.00	35.58 -0.18 0.00	36.48 0.28 0.00	35.68 0.13 0.00	34.10 0.12 0.00	34.02 0.10 0.00	31.94 -0.10 0.00	28.55 0.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.58 -0.71 0.00	22.14 -0.88 0.00	19.51 -0.79 0.00	22.37 -0.76 0.00	21.77 -0.86 0.00	25.08 -0.70 0.00	26.69 -0.97 0.00	30.66 -1.51 0.00	34.02 -1.43 0.00	33.71 -1.07 0.00	32.63 -0.81 0.00	33.90 -0.44 0.00	33.02 -0.42 0.00	35.65 -0.12 0.00	34.37 -0.55 0.00	36.02 -0.59 -0.01	34.76 -0.56 -0.01	35.38 -0.38 0.00	35.78 -0.42 0.00	34.66 -0.89 0.00	33.00 -0.98 0.00	33.06 -0.86 0.00	31.25 -0.79 0.00	27.50 -0.59 0.00
SAWYER____23_KV_LOAD 55526	23.58 -0.71 0.00	22.14 -0.88 0.00	19.51 -0.79 0.00	22.37 -0.76 0.00	21.77 -0.86 0.00	25.08 -0.70 0.00	26.69 -0.97 0.00	30.66 -1.51 0.00	34.02 -1.43 0.00	33.71 -1.07 0.00	32.63 -0.81 0.00	33.90 -0.44 0.00	33.02 -0.42 0.00	35.65 -0.12 0.00	34.37 -0.55 0.00	36.02 -0.59 -0.01	34.76 -0.56 -0.01	35.38 -0.38 0.00	35.78 -0.42 0.00	34.66 -0.89 0.00	33.00 -0.98 0.00	33.06 -0.86 0.00	31.25 -0.79 0.00	27.50 -0.59 0.00

SELKIRK___I 23801	24.81 0.52 0.00	23.59 0.57 0.00	20.82 0.52 0.00	23.74 0.61 0.00	23.25 0.62 0.00	26.44 0.65 0.00	28.41 0.75 0.00	33.00 0.83 0.00	36.30 0.85 0.00	35.51 0.73 0.00	34.07 0.63 0.00	35.01 0.67 0.00	34.05 0.61 0.00	36.42 0.65 0.00	35.68 0.76 0.00	37.25 0.64 0.00	36.01 0.69 0.00	36.58 0.83 0.00	37.00 0.81 0.00	36.47 0.92 0.00	34.96 0.98 0.00	34.76 0.84 0.00	32.68 0.65 0.00	28.69 0.61 0.00
SELKIRK___II 23799	24.69 0.40 0.00	23.46 0.45 0.00	20.70 0.41 0.00	23.59 0.46 0.00	23.12 0.47 0.00	26.28 0.50 0.00	28.24 0.58 0.00	32.85 0.68 0.00	36.16 0.71 0.00	35.39 0.60 0.00	33.99 0.55 0.00	34.97 0.64 0.00	34.06 0.62 0.00	36.42 0.65 0.00	35.69 0.77 0.00	37.30 0.70 0.00	36.05 0.74 0.00	36.56 0.80 0.00	36.94 0.75 0.00	36.36 0.81 0.00	34.81 0.83 0.00	34.61 0.69 0.00	32.53 0.49 0.00	28.57 0.48 0.00
SENECA OSWGO___HYD 24041	23.43 -0.86 0.00	22.17 -0.85 0.00	19.60 -0.70 0.00	22.36 -0.77 0.00	21.87 -0.77 0.00	24.94 -0.85 0.00	26.67 -0.99 0.00	30.99 -1.19 0.00	34.21 -1.24 0.00	33.64 -1.14 0.00	32.41 -1.03 0.00	33.33 -1.01 0.00	30.24 -0.96 2.24	30.94 -0.92 3.90	31.76 -0.92 2.25	35.70 -0.90 0.00	34.57 -0.75 0.00	31.71 -0.77 3.29	35.48 -0.71 0.00	34.79 -0.76 0.00	33.22 -0.76 0.00	33.04 -0.87 0.00	31.10 -0.95 0.00	27.24 -0.85 0.00
SENECA___115KV_TB3 355854	23.80 -0.48 0.00	22.32 -0.69 0.00	19.66 -0.64 0.00	22.53 -0.60 0.00	21.94 -0.69 0.00	25.28 -0.51 0.00	26.92 -0.75 0.00	30.98 -1.19 0.00	34.42 -1.03 0.00	34.12 -0.66 0.00	33.03 -0.42 0.00	34.31 -0.02 0.00	33.42 -0.03 0.00	36.07 0.30 0.00	34.80 -0.12 0.00	36.49 -0.12 -0.01	35.18 -0.14 0.00	35.82 0.06 0.00	36.22 0.02 0.00	35.07 -0.49 0.00	33.38 -0.60 0.00	33.42 -0.50 0.00	31.58 -0.47 0.00	27.74 -0.35 0.00
SENECA___ENERGY 23797	23.80 -0.49 0.00	22.44 -0.57 0.00	19.79 -0.51 0.00	22.58 -0.55 0.00	22.06 -0.58 0.00	25.24 -0.55 0.00	27.04 -0.62 0.00	31.43 -0.75 0.00	34.94 -0.51 0.00	34.68 -0.11 0.00	33.30 -0.15 0.00	34.38 0.05 0.00	33.51 0.07 0.00	35.99 0.22 0.00	34.95 0.02 0.00	36.63 0.03 0.00	35.33 0.01 0.00	36.02 0.26 0.00	36.48 0.29 0.00	35.62 0.07 0.00	33.89 -0.09 0.00	33.69 -0.23 0.00	31.72 -0.31 0.00	27.76 -0.33 0.00
SHOEMAKER___GT 23640	25.15 0.87 0.00	23.84 0.82 0.00	20.98 0.68 0.00	23.89 0.76 0.00	23.41 0.77 0.00	26.69 0.90 0.00	28.72 1.06 0.00	33.49 1.31 0.00	36.97 1.52 0.00	36.23 1.45 0.00	34.92 1.48 0.00	35.98 1.65 0.00	35.10 1.66 0.00	37.50 1.73 0.00	36.81 1.88 0.00	38.56 1.97 0.00	37.30 1.98 0.00	37.83 2.07 0.00	38.17 1.98 0.00	37.40 1.85 0.00	35.69 1.72 0.00	35.57 1.65 0.00	33.42 1.38 0.00	29.32 1.24 0.00
SHOEMAKR_138KV_BK 111 55601	25.15 0.86 0.00	23.84 0.82 0.00	20.98 0.68 0.00	23.89 0.75 0.00	23.41 0.77 0.00	26.69 0.90 0.00	28.70 1.04 0.00	33.49 1.31 0.00	36.96 1.51 0.00	36.23 1.44 0.00	34.92 1.47 0.00	35.99 1.65 0.00	35.10 1.66 0.00	37.52 1.75 0.00	36.83 1.90 0.00	38.58 1.98 0.00	37.32 2.00 0.00	37.83 2.07 0.00	38.17 1.97 0.00	37.39 1.84 0.00	35.69 1.72 0.00	35.56 1.65 0.00	33.41 1.37 0.00	29.32 1.23 0.00
SHOREHAM_IC_1 23715	25.48 1.19 0.00	24.29 1.27 0.00	21.27 0.97 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.70 1.45 1.92	32.97 1.59 4.08	36.46 1.68 0.00	35.30 1.86 0.00	36.51 2.18 0.00	35.83 2.39 0.00	38.17 2.40 0.00	37.75 2.83 0.00	39.55 2.95 0.00	38.24 2.92 0.00	38.86 3.10 0.00	39.16 2.97 0.00	38.36 2.81 0.00	36.63 2.65 0.00	36.40 2.48 0.00	34.04 2.00 0.00	29.99 1.90 0.00
SHOREHAM_IC_2 23716	25.48 1.19 0.00	24.29 1.27 0.00	21.27 0.97 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.70 1.45 1.92	32.97 1.59 4.08	36.46 1.68 0.00	35.30 1.86 0.00	36.51 2.18 0.00	35.83 2.39 0.00	38.17 2.40 0.00	37.75 2.83 0.00	39.55 2.95 0.00	38.24 2.92 0.00	38.86 3.10 0.00	39.16 2.97 0.00	38.36 2.81 0.00	36.63 2.65 0.00	36.40 2.48 0.00	34.04 2.00 0.00	29.99 1.90 0.00
SISSONVILLE____ 23735	23.83 -0.45 0.00	22.54 -0.48 0.00	19.82 -0.47 0.00	22.57 -0.56 0.00	22.08 -0.55 0.00	25.14 -0.65 0.00	26.96 -0.70 0.00	31.37 -0.80 0.00	34.45 -1.00 0.00	33.91 -0.87 0.00	32.48 -0.97 0.00	33.05 -1.29 0.00	19.35 -1.43 12.66	12.13 -1.59 22.05	20.61 -1.59 12.72	35.11 -1.49 0.00	33.43 -1.89 0.00	15.23 -1.96 18.57	34.49 -1.70 0.00	33.92 -1.64 0.00	32.53 -1.45 0.00	33.09 -0.82 0.00	31.18 -0.86 0.00	27.16 -0.93 0.00
SITHE_IND_GS1 24169	23.12 -1.17 0.00	21.89 -1.13 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.31 -1.35 0.00	30.56 -1.61 0.00	33.73 -1.72 0.00	33.18 -1.61 0.00	31.96 -1.49 0.00	32.92 -1.41 0.00	32.08 -1.37 0.00	34.39 -1.38 0.00	33.54 -1.39 0.00	35.18 -1.42 0.00	33.99 -1.33 0.00	34.46 -1.30 0.00	34.91 -1.28 0.00	34.21 -1.34 0.00	32.65 -1.33 0.00	32.52 -1.40 0.00	30.63 -1.41 0.00	26.86 -1.23 0.00
SITHE_IND_GS2 24170	23.12 -1.17 0.00	21.89 -1.13 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.31 -1.35 0.00	30.56 -1.61 0.00	33.73 -1.72 0.00	33.18 -1.61 0.00	31.96 -1.49 0.00	32.92 -1.41 0.00	32.08 -1.37 0.00	34.39 -1.38 0.00	33.54 -1.39 0.00	35.18 -1.42 0.00	33.99 -1.33 0.00	34.46 -1.30 0.00	34.91 -1.28 0.00	34.21 -1.34 0.00	32.65 -1.33 0.00	32.52 -1.40 0.00	30.63 -1.41 0.00	26.86 -1.23 0.00
SITHE_IND_GS3 24171	23.12 -1.17 0.00	21.89 -1.13 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.31 -1.35 0.00	30.56 -1.61 0.00	33.73 -1.72 0.00	33.18 -1.61 0.00	31.96 -1.49 0.00	32.92 -1.41 0.00	32.08 -1.37 0.00	34.39 -1.38 0.00	33.54 -1.39 0.00	35.18 -1.42 0.00	33.99 -1.33 0.00	34.46 -1.30 0.00	34.91 -1.28 0.00	34.21 -1.34 0.00	32.65 -1.33 0.00	32.52 -1.40 0.00	30.63 -1.41 0.00	26.86 -1.23 0.00
SITHE_IND_GS4 24172	23.12 -1.17 0.00	21.89 -1.13 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.31 -1.35 0.00	30.56 -1.61 0.00	33.73 -1.72 0.00	33.18 -1.61 0.00	31.96 -1.49 0.00	32.92 -1.41 0.00	32.08 -1.37 0.00	34.39 -1.38 0.00	33.54 -1.39 0.00	35.18 -1.42 0.00	33.99 -1.33 0.00	34.46 -1.30 0.00	34.91 -1.28 0.00	34.21 -1.34 0.00	32.65 -1.33 0.00	32.52 -1.40 0.00	30.63 -1.41 0.00	26.86 -1.23 0.00
SITHE___BATAVIA 24024	24.15 -0.13 0.00	22.69 -0.33 0.00	19.99 -0.30 0.00	22.88 -0.25 0.00	22.30 -0.34 0.00	25.68 -0.10 0.00	27.40 -0.26 0.00	31.53 -0.65 0.00	34.89 -0.56 0.00	34.46 -0.33 0.00	33.34 -0.10 0.00	34.69 0.35 0.00	33.93 0.48 0.00	36.71 0.94 0.00	35.43 0.50 0.00	36.86 0.26 0.00	35.63 0.31 0.00	36.41 0.64 0.00	36.98 0.78 0.00	35.97 0.41 0.00	34.26 0.27 0.00	34.24 0.31 0.00	32.22 0.18 0.00	28.31 0.22 0.00

SITHE___INDEPEND 23800	23.12 -1.17 0.00	21.89 -1.13 0.00	19.37 -0.93 0.00	22.10 -1.03 0.00	21.61 -1.03 0.00	24.63 -1.16 0.00	26.31 -1.35 0.00	30.56 -1.61 0.00	33.73 -1.73 0.00	33.18 -1.61 0.00	31.96 -1.49 0.00	32.92 -1.42 0.00	32.08 -1.37 0.00	34.40 -1.38 0.00	33.55 -1.37 0.00	35.18 -1.42 0.00	33.99 -1.33 0.00	34.46 -1.30 0.00	34.91 -1.28 0.00	34.21 -1.34 0.00	32.65 -1.32 0.00	32.52 -1.39 0.00	30.63 -1.41 0.00	26.86 -1.23 0.00
SITHE___MASSENA 23902	24.25 -0.03 0.00	22.97 -0.04 0.00	20.22 -0.07 0.00	23.03 -0.10 0.00	22.52 -0.11 0.00	25.65 -0.14 0.00	27.49 -0.17 0.00	31.98 -0.19 0.00	35.12 -0.33 0.00	34.51 -0.27 0.00	33.10 -0.35 0.00	33.78 -0.56 0.00	27.49 -0.60 5.36	25.77 -0.68 9.33	28.80 -0.75 5.38	35.84 -0.76 0.00	34.18 -1.13 0.00	26.74 -1.16 7.86	35.15 -1.05 0.00	34.51 -1.04 0.00	33.01 -0.97 0.00	33.52 -0.39 0.00	31.78 -0.26 0.00	27.79 -0.31 0.00
SITHE___OGDNSBRG 24021	24.51 0.23 0.00	23.19 0.18 0.00	20.40 0.10 0.00	23.22 0.09 0.00	22.72 0.08 0.00	25.88 0.10 0.00	27.77 0.11 0.00	32.22 0.04 0.00	35.22 -0.23 0.00	34.63 -0.16 0.00	33.24 -0.21 0.00	33.75 -0.59 0.00	22.78 -0.84 9.83	17.87 -0.79 17.11	24.38 -0.68 9.87	35.92 -0.68 0.00	34.03 -1.29 0.00	20.25 -1.10 14.41	35.49 -0.70 0.00	34.86 -0.69 0.00	33.40 -0.58 0.00	34.00 0.08 0.00	32.16 0.12 0.00	28.03 -0.06 0.00
SITHE___STERLING 23777	24.78 0.50 0.00	23.40 0.39 0.00	20.64 0.34 0.00	23.52 0.39 0.00	23.00 0.37 0.00	26.26 0.48 0.00	28.20 0.54 0.00	32.78 0.61 0.00	36.19 0.75 0.00	35.60 0.82 0.00	34.32 0.88 0.00	35.38 1.05 0.00	39.29 0.89 -4.96	45.28 0.88 -8.63	40.75 0.84 -4.98	37.64 1.03 0.00	36.43 1.11 0.00	44.27 1.24 -7.27	37.57 1.38 0.00	36.90 1.35 0.00	35.27 1.30 0.00	35.11 1.19 0.00	32.92 0.88 0.00	28.77 0.67 0.00
SLEIGHT___34_KV_TB1 80719	23.72 -0.56 0.00	22.38 -0.63 0.00	19.75 -0.55 0.00	22.55 -0.59 0.00	22.01 -0.63 0.00	25.20 -0.58 0.00	26.83 -0.83 0.00	31.06 -1.12 0.00	34.35 -1.10 0.00	33.95 -0.84 0.00	32.81 -0.64 0.00	34.01 -0.32 0.00	33.27 -0.17 0.00	35.86 0.08 0.00	34.80 -0.13 0.00	36.45 -0.15 0.00	35.18 -0.13 0.00	35.83 0.07 0.00	36.32 0.12 0.00	35.33 -0.22 0.00	33.63 -0.35 0.00	33.61 -0.30 0.00	31.68 -0.36 0.00	27.76 -0.33 0.00
SOUTH CAIRO___GT 23612	25.68 1.40 0.00	24.38 1.37 0.00	21.52 1.22 0.00	24.51 1.38 0.00	24.01 1.37 0.00	27.34 1.55 0.00	29.45 1.79 0.00	34.24 2.07 0.00	37.69 2.24 0.00	36.84 2.06 0.00	35.32 1.88 0.00	36.25 1.92 0.00	35.06 1.62 0.00	37.57 1.79 0.00	36.82 1.89 0.00	38.29 1.69 0.00	37.18 1.87 0.00	38.05 2.29 0.00	38.68 2.49 0.00	38.13 2.58 0.00	36.70 2.72 0.00	36.37 2.45 0.00	34.04 2.00 0.00	29.75 1.66 0.00
SOUTH HAMPTN___IC 23720	25.94 1.65 0.00	24.68 1.67 0.00	21.62 1.32 0.00	24.75 1.62 0.00	24.30 1.67 0.00	27.66 1.88 0.00	29.79 2.13 0.00	32.27 2.02 1.92	33.66 2.29 4.08	37.22 2.44 0.00	36.15 2.71 0.00	37.42 3.09 0.00	36.71 3.27 0.00	39.13 3.36 0.00	38.65 3.72 0.00	40.47 3.87 0.00	39.14 3.82 0.00	39.79 4.04 0.00	40.10 3.91 0.00	39.24 3.69 0.00	37.48 3.50 0.00	37.18 3.27 0.00	34.76 2.73 0.00	30.60 2.51 0.00
SOUTHDOW___115KV_TB1 355954	24.51 0.23 0.00	22.61 -0.40 0.00	20.09 -0.21 0.00	23.19 0.05 0.00	22.48 -0.16 0.00	26.07 0.29 0.00	27.91 0.25 0.00	32.37 0.19 0.00	36.19 0.74 0.00	36.04 1.26 0.00	34.96 1.51 0.00	36.26 1.93 0.00	35.05 1.61 0.00	37.81 2.04 0.00	36.64 1.71 0.00	38.52 1.92 -0.01	37.03 1.72 0.00	37.68 1.92 0.00	37.87 1.67 0.00	36.66 1.11 0.00	34.75 0.77 0.00	34.87 0.95 0.00	33.06 1.02 0.00	28.91 0.82 0.00
SOUTHOLD_69_KV_BK 2 55809	26.46 2.18 0.00	25.14 2.13 0.00	22.02 1.72 0.00	25.23 2.10 0.00	24.75 2.11 0.00	28.15 2.37 0.00	30.32 2.66 0.00	32.84 2.59 1.92	34.37 3.01 4.08	37.99 3.20 0.00	37.09 3.64 0.00	38.43 4.10 0.00	37.69 4.24 0.00	40.19 4.42 0.00	39.58 4.65 0.00	41.43 4.83 0.00	40.16 4.84 0.00	40.84 5.09 0.00	41.20 5.01 0.00	40.26 4.71 0.00	38.43 4.45 0.00	38.10 4.18 0.00	35.62 3.58 0.00	31.31 3.22 0.00
SOUTHOLD___IC 23719	26.46 2.18 0.00	25.14 2.13 0.00	22.02 1.72 0.00	25.23 2.09 0.00	24.75 2.11 0.00	28.15 2.36 0.00	30.32 2.66 0.00	32.84 2.59 1.92	34.37 3.00 4.08	37.99 3.21 0.00	37.10 3.65 0.00	38.43 4.09 0.00	37.69 4.25 0.00	40.19 4.42 0.00	39.61 4.68 0.00	41.43 4.83 0.00	40.16 4.84 0.00	40.85 5.09 0.00	41.19 5.00 0.00	40.26 4.71 0.00	38.43 4.45 0.00	38.10 4.18 0.00	35.62 3.58 0.00	31.31 3.22 0.00
SOUTH_FORK_WT_PWR 323839	26.51 2.23 0.00	25.18 2.17 0.00	22.06 1.76 0.00	25.29 2.15 0.00	24.78 2.14 0.00	28.16 2.38 0.00	30.33 2.67 0.00	32.80 2.55 1.92	34.35 2.98 4.08	37.99 3.21 0.00	37.21 3.77 0.00	38.55 4.22 0.00	37.83 4.39 0.00	40.35 4.57 0.00	39.70 4.78 0.00	41.50 4.90 0.00	40.24 4.93 0.00	40.94 5.18 0.00	41.31 5.12 0.00	40.38 4.83 0.00	38.56 4.58 0.00	38.21 4.30 0.00	35.74 3.70 0.00	31.41 3.33 0.00
SPIERFLS_115KV_TB 1 80737	25.65 1.37 0.00	24.32 1.30 0.00	21.37 1.07 0.00	24.36 1.23 0.00	23.87 1.24 0.00	27.19 1.41 0.00	29.38 1.72 0.00	34.13 1.96 0.00	37.55 2.10 0.00	36.64 1.86 0.00	34.85 1.41 0.00	35.88 1.55 0.00	34.82 1.38 0.00	37.11 1.34 0.00	36.42 1.50 0.00	38.31 1.71 0.00	37.15 1.83 0.00	37.73 1.97 0.00	38.54 2.34 0.00	38.07 2.52 0.00	36.73 2.75 0.00	36.42 2.50 0.00	34.09 2.05 0.00	29.85 1.76 0.00
ST LAWRENCE____ 23600	24.06 -0.22 0.00	22.80 -0.22 0.00	20.08 -0.22 0.00	22.86 -0.27 0.00	22.36 -0.28 0.00	25.45 -0.34 0.00	27.29 -0.37 0.00	31.74 -0.44 0.00	34.89 -0.55 0.00	34.27 -0.51 0.00	32.88 -0.57 0.00	33.59 -0.74 0.00	29.31 -0.74 3.39	29.07 -0.80 5.90	30.65 -0.89 3.39	35.67 -0.93 0.00	34.27 -1.04 0.00	29.73 -1.08 4.94	35.16 -1.03 0.00	34.51 -1.04 0.00	33.02 -0.96 0.00	33.24 -0.67 0.00	31.53 -0.50 0.00	27.59 -0.50 0.00
STATE_CA_115KV_115_LB 55624	24.78 0.49 0.00	23.56 0.55 0.00	20.79 0.49 0.00	23.69 0.55 0.00	23.21 0.57 0.00	26.40 0.61 0.00	28.38 0.72 0.00	33.02 0.85 0.00	36.35 0.89 0.00	35.58 0.80 0.00	34.17 0.72 0.00	35.15 0.82 0.00	34.25 0.81 0.00	36.61 0.84 0.00	35.90 0.97 0.00	37.52 0.91 0.00	36.29 0.97 0.00	36.79 1.04 0.00	37.15 0.95 0.00	36.58 1.03 0.00	35.02 1.04 0.00	34.78 0.87 0.00	32.68 0.64 0.00	28.69 0.60 0.00
STATE_ST_34_KV_LOAD 55959	24.05 -0.23 0.00	22.73 -0.28 0.00	20.08 -0.22 0.00	22.88 -0.25 0.00	22.32 -0.32 0.00	25.50 -0.29 0.00	27.32 -0.34 0.00	31.87 -0.30 0.00	35.14 -0.31 0.00	34.70 -0.09 0.00	33.30 -0.15 0.00	34.47 0.14 0.00	33.42 -0.02 0.00	35.98 0.21 0.00	35.02 0.10 0.00	36.87 0.27 0.00	35.57 0.25 0.00	36.20 0.44 0.00	36.70 0.51 0.00	35.99 0.44 0.00	34.18 0.20 0.00	33.96 0.04 0.00	32.05 0.01 0.00	28.05 -0.04 0.00

STATION 5_MISC_HYD 23604	23.83 -0.46 0.00	22.47 -0.55 0.00	19.82 -0.48 0.00	22.64 -0.49 0.00	22.09 -0.54 0.00	25.35 -0.44 0.00	27.04 -0.62 0.00	31.21 -0.96 0.00	34.52 -0.93 0.00	34.13 -0.65 0.00	33.02 -0.43 0.00	34.29 -0.04 0.00	33.52 0.08 0.00	36.12 0.34 0.00	34.88 -0.04 0.00	36.55 -0.05 0.00	35.32 0.00 0.00	35.98 0.22 0.00	36.46 0.27 0.00	35.46 -0.10 0.00	33.76 -0.22 0.00	33.68 -0.24 0.00	31.67 -0.37 0.00	27.80 -0.29 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.02 -0.27 0.00	22.63 -0.38 0.00	19.95 -0.35 0.00	22.79 -0.35 0.00	22.25 -0.38 0.00	25.51 -0.27 0.00	27.28 -0.38 0.00	31.62 -0.55 0.00	35.58 0.13 0.00	35.69 0.91 0.00	34.52 1.08 0.00	35.90 1.57 0.00	35.19 1.75 0.00	37.17 1.40 0.00	35.36 0.44 0.00	37.05 0.45 0.00	35.78 0.46 0.00	36.45 0.69 0.00	36.94 0.75 0.00	35.96 0.41 0.00	34.22 0.24 0.00	34.08 0.16 0.00	32.02 -0.02 0.00	28.04 -0.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.71 -0.57 0.00	22.35 -0.67 0.00	19.72 -0.58 0.00	22.53 -0.60 0.00	21.99 -0.65 0.00	25.21 -0.57 0.00	26.91 -0.75 0.00	31.08 -1.09 0.00	34.38 -1.06 0.00	34.00 -0.79 0.00	32.89 -0.55 0.00	34.15 -0.19 0.00	33.39 -0.05 0.00	35.96 0.20 0.00	34.80 -0.13 0.00	36.41 -0.19 0.00	35.20 -0.12 0.00	35.85 0.09 0.00	36.34 0.15 0.00	35.33 -0.22 0.00	33.64 -0.34 0.00	33.56 -0.36 0.00	31.54 -0.50 0.00	27.67 -0.42 0.00
STA_56____34_KV_BUS2 355983	23.71 -0.57 0.00	22.35 -0.67 0.00	19.72 -0.58 0.00	22.53 -0.60 0.00	21.99 -0.65 0.00	25.21 -0.57 0.00	26.91 -0.75 0.00	31.08 -1.09 0.00	34.38 -1.06 0.00	34.00 -0.79 0.00	32.89 -0.55 0.00	34.15 -0.19 0.00	33.39 -0.05 0.00	35.96 0.20 0.00	34.80 -0.13 0.00	36.41 -0.19 0.00	35.20 -0.12 0.00	35.85 0.09 0.00	36.34 0.15 0.00	35.33 -0.22 0.00	33.64 -0.34 0.00	33.56 -0.36 0.00	31.54 -0.50 0.00	27.67 -0.42 0.00
STA_67____115KV_BK2 355882	23.76 -0.52 0.00	22.40 -0.62 0.00	19.76 -0.53 0.00	22.59 -0.55 0.00	22.04 -0.60 0.00	25.29 -0.50 0.00	26.98 -0.69 0.00	31.13 -1.04 0.00	34.42 -1.03 0.00	34.02 -0.76 0.00	32.92 -0.53 0.00	34.16 -0.17 0.00	33.40 -0.05 0.00	35.97 0.21 0.00	34.78 -0.14 0.00	36.40 -0.20 0.00	35.18 -0.13 0.00	35.83 0.07 0.00	36.31 0.12 0.00	35.32 -0.23 0.00	33.64 -0.34 0.00	33.57 -0.35 0.00	31.57 -0.47 0.00	27.71 -0.38 0.00
STA_7____115KV_9TRANS 80674	23.98 -0.30 0.00	22.60 -0.42 0.00	19.92 -0.37 0.00	22.77 -0.36 0.00	22.21 -0.42 0.00	25.49 -0.30 0.00	27.20 -0.46 0.00	31.40 -0.78 0.00	34.74 -0.71 0.00	34.36 -0.43 0.00	33.27 -0.17 0.00	34.57 0.23 0.00	33.82 0.38 0.00	36.45 0.68 0.00	35.23 0.30 0.00	36.88 0.28 0.00	35.66 0.34 0.00	36.34 0.58 0.00	36.83 0.64 0.00	35.79 0.24 0.00	34.07 0.09 0.00	33.97 0.06 0.00	31.92 -0.12 0.00	27.99 -0.10 0.00
STA_82____115KV_TB1 80780	23.78 -0.51 0.00	22.41 -0.61 0.00	19.77 -0.52 0.00	22.60 -0.54 0.00	22.05 -0.59 0.00	25.29 -0.49 0.00	26.99 -0.68 0.00	31.15 -1.03 0.00	34.44 -1.01 0.00	34.03 -0.75 0.00	32.93 -0.51 0.00	34.18 -0.15 0.00	33.42 -0.03 0.00	36.00 0.22 0.00	34.81 -0.12 0.00	36.41 -0.19 0.00	35.19 -0.12 0.00	35.85 0.09 0.00	36.33 0.14 0.00	35.33 -0.22 0.00	33.66 -0.32 0.00	33.58 -0.34 0.00	31.59 -0.45 0.00	27.73 -0.35 0.00
STEEL____WIND 323596	23.77 -0.52 0.00	22.30 -0.72 0.00	19.63 -0.66 0.00	22.51 -0.62 0.00	21.92 -0.72 0.00	25.25 -0.53 0.00	26.88 -0.78 0.00	30.93 -1.24 0.00	34.36 -1.09 0.00	34.05 -0.73 0.00	32.94 -0.50 0.00	34.23 -0.10 0.00	33.32 -0.12 0.00	35.97 0.20 0.00	34.66 -0.27 0.00	36.38 -0.22 -0.01	35.07 -0.24 0.00	35.71 -0.05 0.00	36.13 -0.07 0.00	34.99 -0.56 0.00	33.30 -0.68 0.00	33.34 -0.58 0.00	31.51 -0.53 0.00	27.71 -0.38 0.00
STEPHTWN_115KV_BK_2 55603	24.88 0.60 0.00	23.62 0.61 0.00	20.83 0.53 0.00	23.74 0.61 0.00	23.25 0.62 0.00	26.51 0.73 0.00	28.48 0.82 0.00	33.18 1.01 0.00	36.48 1.03 0.00	35.72 0.93 0.00	34.29 0.84 0.00	35.31 0.97 0.00	34.41 0.96 0.00	36.81 1.04 0.00	36.07 1.14 0.00	37.74 1.14 0.00	36.44 1.13 0.00	37.06 1.30 0.00	37.41 1.22 0.00	36.86 1.31 0.00	35.26 1.28 0.00	34.97 1.05 0.00	32.85 0.82 0.00	28.82 0.74 0.00
STEUBEN_REC_LFGE 323667	24.31 0.03 0.00	22.48 -0.54 0.00	19.70 -0.60 0.00	22.45 -0.69 0.00	21.84 -0.80 0.00	25.24 -0.54 0.00	27.14 -0.52 0.00	31.69 -0.48 0.00	35.59 0.13 0.00	35.16 0.37 0.00	33.67 0.23 0.00	34.69 0.36 0.00	34.01 0.56 0.00	36.78 1.01 0.00	35.37 0.44 0.00	36.91 0.31 0.00	35.44 0.12 0.00	36.30 0.55 0.00	36.61 0.42 0.00	35.78 0.23 0.00	34.36 0.38 0.00	34.01 0.09 0.00	31.98 -0.06 0.00	27.89 -0.20 0.00
STILLWATER____SOLAR 323814	25.60 1.32 0.00	24.31 1.30 0.00	21.41 1.11 0.00	24.40 1.27 0.00	23.90 1.26 0.00	27.23 1.45 0.00	29.34 1.68 0.00	34.09 1.91 0.00	37.48 2.04 0.00	36.63 1.84 0.00	35.03 1.58 0.00	36.01 1.68 0.00	35.00 1.56 0.00	37.33 1.56 0.00	36.62 1.69 0.00	38.39 1.79 0.00	37.23 1.91 0.00	37.77 2.02 0.00	38.37 2.17 0.00	37.89 2.34 0.00	36.40 2.42 0.00	36.12 2.20 0.00	33.89 1.85 0.00	29.72 1.63 0.00
STONY____BROOK 24151	25.72 1.44 0.00	24.49 1.47 0.00	21.40 1.10 0.00	24.44 1.31 0.00	24.01 1.37 0.00	27.34 1.56 0.00	29.41 1.75 0.00	32.05 1.79 1.92	33.35 1.97 4.07	36.80 2.01 0.00	35.61 2.16 0.00	36.78 2.45 0.00	36.08 2.64 0.00	38.45 2.68 0.00	38.08 3.15 0.00	39.87 3.27 0.00	38.34 3.03 0.00	38.91 3.15 0.00	39.20 3.01 0.00	38.42 2.87 0.00	36.84 2.86 0.00	36.61 2.69 0.00	34.26 2.22 0.00	30.23 2.14 0.00
STURGEON_POOL_HYD 23609	25.39 1.11 0.00	24.06 1.04 0.00	21.14 0.84 0.00	24.07 0.94 0.00	23.59 0.96 0.00	26.90 1.11 0.00	28.97 1.31 0.00	33.88 1.71 0.00	37.44 1.99 0.00	36.70 1.91 0.00	35.41 1.97 0.00	36.55 2.21 0.00	35.72 2.28 0.00	38.16 2.39 0.00	37.46 2.53 0.00	39.31 2.71 0.00	38.00 2.68 0.00	38.52 2.76 0.00	38.76 2.57 0.00	37.91 2.36 0.00	36.13 2.15 0.00	35.78 1.86 0.00	33.57 1.53 0.00	29.47 1.38 0.00
ST_LAW_115_BK7_LBMP 345037	24.04 -0.25 0.00	22.78 -0.24 0.00	20.05 -0.24 0.00	22.84 -0.29 0.00	22.33 -0.31 0.00	25.42 -0.37 0.00	27.25 -0.42 0.00	31.70 -0.47 0.00	34.84 -0.61 0.00	34.21 -0.57 0.00	32.83 -0.62 0.00	33.52 -0.81 0.00	28.78 -0.81 3.85	28.20 -0.88 6.70	30.10 -0.96 3.86	35.59 -1.01 0.00	34.16 -1.15 0.00	28.92 -1.19 5.64	35.07 -1.12 0.00	34.41 -1.13 0.00	32.91 -1.06 0.00	33.18 -0.74 0.00	31.50 -0.54 0.00	27.55 -0.54 0.00
ST_LAW_115_BK8_LBMP 345038	24.04 -0.25 0.00	22.78 -0.24 0.00	20.05 -0.24 0.00	22.84 -0.29 0.00	22.33 -0.31 0.00	25.42 -0.37 0.00	27.25 -0.42 0.00	31.70 -0.47 0.00	34.84 -0.61 0.00	34.21 -0.57 0.00	32.83 -0.62 0.00	33.52 -0.81 0.00	28.78 -0.81 3.85	28.20 -0.88 6.70	30.10 -0.96 3.86	35.59 -1.01 0.00	34.16 -1.15 0.00	28.92 -1.19 5.64	35.07 -1.12 0.00	34.41 -1.13 0.00	32.91 -1.06 0.00	33.18 -0.74 0.00	31.50 -0.54 0.00	27.55 -0.54 0.00

ST_LAW_230_BK5_LBMP 345035	24.06 -0.22 0.00	22.80 -0.22 0.00	20.08 -0.22 0.00	22.86 -0.27 0.00	22.36 -0.28 0.00	25.45 -0.34 0.00	27.29 -0.37 0.00	31.74 -0.44 0.00	34.89 -0.55 0.00	34.27 -0.51 0.00	32.88 -0.57 0.00	33.59 -0.74 0.00	29.76 -0.74 2.94	29.85 -0.80 5.12	31.08 -0.89 2.95	35.67 -0.93 0.00	34.27 -1.04 0.00	30.36 -1.08 4.31	35.16 -1.03 0.00	34.51 -1.04 0.00	33.02 -0.96 0.00	33.24 -0.67 0.00	31.53 -0.50 0.00	27.59 -0.50 0.00
ST_LAW_230_BK6_LBMP 345036	24.06 -0.22 0.00	22.80 -0.22 0.00	20.08 -0.22 0.00	22.86 -0.27 0.00	22.36 -0.28 0.00	25.45 -0.34 0.00	27.29 -0.37 0.00	31.74 -0.44 0.00	34.89 -0.55 0.00	34.27 -0.51 0.00	32.88 -0.57 0.00	33.59 -0.74 0.00	29.76 -0.74 2.94	29.85 -0.80 5.12	31.08 -0.89 2.95	35.67 -0.93 0.00	34.27 -1.04 0.00	30.36 -1.08 4.31	35.16 -1.03 0.00	34.51 -1.04 0.00	33.02 -0.96 0.00	33.24 -0.67 0.00	31.53 -0.50 0.00	27.59 -0.50 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.28 0.99 0.00	23.96 0.94 0.00	21.07 0.77 0.00	23.99 0.86 0.00	23.51 0.88 0.00	26.81 1.02 0.00	28.86 1.20 0.00	33.67 1.50 0.00	37.17 1.72 0.00	36.44 1.65 0.00	35.15 1.70 0.00	36.25 1.91 0.00	35.40 1.95 0.00	37.85 2.08 0.00	37.16 2.23 0.00	38.93 2.33 0.00	37.65 2.33 0.00	38.14 2.38 0.00	38.46 2.26 0.00	37.66 2.10 0.00	35.95 1.97 0.00	35.80 1.88 0.00	33.61 1.58 0.00	29.49 1.40 0.00
SWANROAD_115KV_TB1 355699	22.97 -1.31 0.00	21.61 -1.40 0.00	19.07 -1.23 0.00	21.86 -1.27 0.00	21.28 -1.35 0.00	24.49 -1.29 0.00	26.06 -1.60 0.00	29.79 -2.38 0.00	32.94 -2.51 0.00	32.63 -2.15 0.00	31.60 -1.85 0.00	32.80 -1.53 0.00	31.96 -1.48 0.00	34.54 -1.23 0.00	33.24 -1.68 0.00	34.76 -1.84 0.00	33.58 -1.74 0.00	34.20 -1.56 0.00	34.66 -1.53 0.00	33.58 -1.97 0.00	32.02 -1.96 0.00	32.10 -1.82 0.00	30.36 -1.68 0.00	26.83 -1.26 0.00
SYNERGY___BIOGAS 323694	24.15 -0.13 0.00	22.69 -0.33 0.00	19.99 -0.30 0.00	22.88 -0.25 0.00	22.30 -0.34 0.00	25.68 -0.10 0.00	27.40 -0.26 0.00	31.53 -0.65 0.00	34.89 -0.56 0.00	34.46 -0.33 0.00	33.34 -0.10 0.00	34.69 0.35 0.00	33.93 0.48 0.00	36.71 0.94 0.00	35.43 0.50 0.00	36.86 0.26 0.00	35.63 0.31 0.00	36.41 0.64 0.00	36.98 0.78 0.00	35.97 0.41 0.00	34.26 0.27 0.00	34.24 0.31 0.00	32.22 0.18 0.00	28.31 0.22 0.00
SYRACUSE___ENERGY_ST1 323597	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.46 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.67 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00
SYRACUSE___ENERGY_ST2 323598	23.79 -0.49 0.00	22.50 -0.51 0.00	19.87 -0.43 0.00	22.67 -0.46 0.00	22.16 -0.48 0.00	25.28 -0.51 0.00	27.03 -0.63 0.00	31.45 -0.72 0.00	34.72 -0.73 0.00	34.18 -0.60 0.00	32.92 -0.52 0.00	33.97 -0.36 0.00	33.10 -0.34 0.00	35.53 -0.24 0.00	34.67 -0.26 0.00	36.40 -0.20 0.00	35.16 -0.16 0.00	35.67 -0.09 0.00	36.13 -0.07 0.00	35.39 -0.16 0.00	33.73 -0.25 0.00	33.55 -0.37 0.00	31.59 -0.45 0.00	27.67 -0.42 0.00
SYRACUSE___POWER 24017	23.73 -0.55 0.00	22.45 -0.57 0.00	19.83 -0.47 0.00	22.62 -0.52 0.00	22.11 -0.52 0.00	25.23 -0.55 0.00	27.00 -0.67 0.00	31.38 -0.79 0.00	34.67 -0.78 0.00	34.12 -0.67 0.00	32.90 -0.54 0.00	33.94 -0.39 0.00	33.10 -0.34 0.00	35.51 -0.26 0.00	34.67 -0.25 0.00	36.38 -0.22 0.00	35.16 -0.16 0.00	35.65 -0.11 0.00	36.09 -0.10 0.00	35.35 -0.20 0.00	33.71 -0.27 0.00	33.53 -0.38 0.00	31.55 -0.49 0.00	27.62 -0.47 0.00
TALLMAN___138KV_BK151 55660	25.38 1.10 0.00	24.07 1.05 0.00	21.16 0.86 0.00	24.09 0.96 0.00	23.61 0.98 0.00	26.94 1.15 0.00	29.00 1.34 0.00	33.83 1.66 0.00	37.35 1.90 0.00	36.61 1.82 0.00	35.34 1.89 0.00	36.48 2.15 0.00	35.65 2.21 0.00	38.14 2.37 0.00	37.43 2.50 0.00	39.21 2.61 0.00	37.91 2.59 0.00	38.41 2.65 0.00	38.68 2.49 0.00	37.86 2.31 0.00	36.14 2.15 0.00	35.98 2.06 0.00	33.78 1.74 0.00	29.65 1.56 0.00
TEALLAVE_115KV_TB7 355573	23.66 -0.62 0.00	22.38 -0.64 0.00	19.77 -0.52 0.00	22.56 -0.57 0.00	22.06 -0.57 0.00	25.17 -0.62 0.00	26.92 -0.74 0.00	31.28 -0.89 0.00	34.56 -0.89 0.00	34.02 -0.77 0.00	32.80 -0.64 0.00	33.84 -0.49 0.00	33.00 -0.44 0.00	35.39 -0.39 0.00	34.56 -0.37 0.00	36.24 -0.36 0.00	35.02 -0.30 0.00	35.51 -0.25 0.00	35.95 -0.24 0.00	35.22 -0.33 0.00	33.59 -0.39 0.00	33.42 -0.49 0.00	31.44 -0.60 0.00	27.53 -0.56 0.00
TELGRAPH_34_KV_EAST 80808	23.59 -0.69 0.00	22.18 -0.84 0.00	19.55 -0.74 0.00	22.39 -0.74 0.00	21.81 -0.82 0.00	25.12 -0.66 0.00	26.75 -0.91 0.00	30.69 -1.48 0.00	33.98 -1.47 0.00	33.65 -1.14 0.00	32.59 -0.85 0.00	33.87 -0.46 0.00	33.05 -0.39 0.00	35.71 -0.06 0.00	34.38 -0.54 0.00	35.95 -0.66 0.00	34.75 -0.57 0.00	35.43 -0.33 0.00	35.91 -0.29 0.00	34.83 -0.73 0.00	33.17 -0.82 0.00	33.19 -0.73 0.00	31.34 -0.70 0.00	27.61 -0.48 0.00
TEMPLE___115KV_TB 2 55572	23.67 -0.62 0.00	22.39 -0.63 0.00	19.78 -0.52 0.00	22.57 -0.57 0.00	22.07 -0.57 0.00	25.18 -0.61 0.00	26.94 -0.72 0.00	31.30 -0.87 0.00	34.59 -0.86 0.00	34.04 -0.75 0.00	32.83 -0.61 0.00	33.86 -0.47 0.00	33.03 -0.41 0.00	35.42 -0.35 0.00	34.59 -0.33 0.00	36.28 -0.32 0.00	35.05 -0.26 0.00	35.54 -0.22 0.00	35.97 -0.22 0.00	35.23 -0.31 0.00	33.61 -0.37 0.00	33.43 -0.48 0.00	31.45 -0.59 0.00	27.54 -0.55 0.00
TIANA____69_KV_BK 1 55817	25.83 1.55 0.00	24.59 1.58 0.00	21.54 1.24 0.00	24.65 1.52 0.00	24.21 1.57 0.00	27.57 1.78 0.00	29.68 2.02 0.00	32.16 1.91 1.92	33.52 2.15 4.08	37.06 2.27 0.00	35.94 2.50 0.00	37.22 2.89 0.00	36.50 3.06 0.00	38.90 3.13 0.00	38.42 3.49 0.00	40.28 3.68 0.00	38.94 3.62 0.00	39.59 3.83 0.00	39.90 3.71 0.00	39.04 3.49 0.00	37.28 3.30 0.00	37.00 3.08 0.00	34.59 2.56 0.00	30.46 2.37 0.00
TILDEN___115KV_TB1 80814	23.73 -0.55 0.00	22.45 -0.57 0.00	19.83 -0.47 0.00	22.62 -0.52 0.00	22.11 -0.52 0.00	25.23 -0.55 0.00	27.00 -0.67 0.00	31.38 -0.79 0.00	34.67 -0.78 0.00	34.12 -0.67 0.00	32.90 -0.54 0.00	33.94 -0.39 0.00	33.10 -0.34 0.00	35.51 -0.26 0.00	34.67 -0.25 0.00	36.38 -0.22 0.00	35.16 -0.16 0.00	35.65 -0.11 0.00	36.09 -0.10 0.00	35.35 -0.20 0.00	33.71 -0.27 0.00	33.53 -0.38 0.00	31.55 -0.49 0.00	27.62 -0.47 0.00
TRIGEN___CC 323695	25.73 1.45 0.00	24.43 1.41 0.00	21.39 1.09 0.00	24.37 1.24 0.00	23.91 1.27 0.00	27.25 1.47 0.00	29.32 1.66 0.00	33.47 1.86 0.56	36.33 2.07 1.18	36.79 2.01 0.00	35.57 2.13 0.00	36.73 2.40 0.00	35.97 2.52 0.00	38.42 2.65 0.00	37.96 3.03 0.00	39.78 3.18 0.00	38.36 3.04 0.00	38.89 3.13 0.00	39.13 2.94 0.00	38.27 2.72 0.00	36.50 2.52 0.00	36.37 2.45 0.00	34.19 2.15 0.00	30.09 2.00 0.00

TRINITY__115KV__4 BK 55933	24.65 0.37 0.00	23.45 0.43 0.00	20.70 0.40 0.00	23.57 0.44 0.00	23.10 0.46 0.00	26.27 0.48 0.00	28.23 0.57 0.00	32.84 0.66 0.00	36.13 0.69 0.00	35.36 0.58 0.00	33.94 0.50 0.00	34.93 0.60 0.00	34.02 0.58 0.00	36.37 0.60 0.00	35.66 0.73 0.00	37.25 0.65 0.00	36.03 0.72 0.00	36.52 0.76 0.00	36.88 0.69 0.00	36.34 0.79 0.00	34.79 0.81 0.00	34.57 0.65 0.00	32.48 0.44 0.00	28.53 0.44 0.00
UNION__PROCESSING_DRP 323587	23.78 -0.50 0.00	22.42 -0.60 0.00	19.78 -0.52 0.00	22.60 -0.53 0.00	22.05 -0.58 0.00	25.30 -0.48 0.00	27.00 -0.66 0.00	31.15 -1.02 0.00	34.45 -1.00 0.00	34.06 -0.73 0.00	32.94 -0.50 0.00	34.20 -0.13 0.00	33.43 -0.01 0.00	36.01 0.24 0.00	34.81 -0.11 0.00	36.43 -0.17 0.00	35.21 -0.11 0.00	35.86 0.10 0.00	36.34 0.15 0.00	35.35 -0.20 0.00	33.67 -0.31 0.00	33.60 -0.32 0.00	31.60 -0.44 0.00	27.73 -0.35 0.00
UPPER HUDSON__HYD 24058	25.65 1.37 0.00	24.32 1.30 0.00	21.37 1.07 0.00	24.36 1.23 0.00	23.87 1.24 0.00	27.19 1.41 0.00	29.38 1.72 0.00	34.13 1.96 0.00	37.55 2.10 0.00	36.64 1.86 0.00	34.86 1.41 0.00	35.88 1.55 0.00	34.83 1.38 0.00	37.11 1.34 0.00	36.43 1.50 0.00	38.31 1.71 0.00	37.15 1.83 0.00	37.73 1.97 0.00	38.54 2.34 0.00	38.07 2.52 0.00	36.73 2.75 0.00	36.42 2.50 0.00	34.09 2.05 0.00	29.85 1.76 0.00
UPPER RAQUET__HYD 24056	23.83 -0.45 0.00	22.54 -0.48 0.00	19.82 -0.47 0.00	22.57 -0.56 0.00	22.08 -0.55 0.00	25.14 -0.65 0.00	26.96 -0.70 0.00	31.37 -0.80 0.00	34.45 -1.00 0.00	33.91 -0.87 0.00	32.48 -0.96 0.00	33.05 -1.29 0.00	19.35 -1.43 12.66	12.13 -1.59 22.05	20.61 -1.59 12.72	35.11 -1.49 0.00	33.43 -1.89 0.00	15.23 -1.96 18.57	34.49 -1.70 0.00	33.92 -1.64 0.00	32.53 -1.45 0.00	33.09 -0.82 0.00	31.18 -0.86 0.00	27.16 -0.93 0.00
VALLEY44_115KV_TB2 355964	23.84 -0.44 0.00	22.44 -0.58 0.00	19.74 -0.56 0.00	22.57 -0.56 0.00	22.00 -0.63 0.00	25.41 -0.38 0.00	27.10 -0.56 0.00	31.35 -0.82 0.00	34.86 -0.59 0.00	34.47 -0.31 0.00	33.23 -0.21 0.00	34.45 0.11 0.00	33.32 -0.12 0.00	35.77 0.00 0.00	34.61 -0.31 0.00	36.27 -0.33 0.00	34.91 -0.41 0.00	35.60 -0.16 0.00	35.99 -0.20 0.00	34.82 -0.74 0.00	33.23 -0.75 0.00	33.19 -0.73 0.00	31.60 -0.44 0.00	27.72 -0.37 0.00
VALLEY__115KV_TB 1-4 80826	24.56 0.28 0.00	23.26 0.25 0.00	20.51 0.21 0.00	23.34 0.20 0.00	22.86 0.23 0.00	26.15 0.37 0.00	28.15 0.49 0.00	32.69 0.52 0.00	36.08 0.63 0.00	35.32 0.53 0.00	33.92 0.48 0.00	34.66 0.33 0.00	36.31 0.44 -2.43	40.56 0.56 -4.23	38.05 0.68 -2.44	37.31 0.71 0.00	36.06 0.74 0.00	40.17 0.85 -3.56	37.11 0.91 0.00	36.49 0.94 0.00	35.04 1.06 0.00	34.77 0.85 0.00	32.63 0.59 0.00	28.63 0.54 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.08 0.79 0.00	23.71 0.69 0.00	20.90 0.60 0.00	23.82 0.69 0.00	23.32 0.69 0.00	26.62 0.84 0.00	28.56 0.90 0.00	33.18 1.01 0.00	36.73 1.28 0.00	36.05 1.27 0.00	34.77 1.32 0.00	35.82 1.49 0.00	34.87 1.42 0.00	37.33 1.56 0.00	36.51 1.59 0.00	38.30 1.70 0.00	37.00 1.69 0.00	37.51 1.75 0.00	37.94 1.75 0.00	37.17 1.62 0.00	35.47 1.49 0.00	35.32 1.41 0.00	33.26 1.23 0.00	29.12 1.03 0.00
VISCHER__FERRY HYD 24020	25.15 0.86 0.00	23.93 0.91 0.00	21.09 0.79 0.00	24.04 0.91 0.00	23.55 0.91 0.00	26.80 1.02 0.00	28.83 1.17 0.00	33.49 1.32 0.00	36.81 1.36 0.00	35.98 1.20 0.00	34.48 1.04 0.00	35.45 1.12 0.00	34.51 1.06 0.00	36.84 1.07 0.00	36.09 1.17 0.00	37.71 1.11 0.00	36.50 1.19 0.00	37.00 1.25 0.00	37.43 1.24 0.00	36.98 1.43 0.00	35.45 1.47 0.00	35.20 1.29 0.00	33.08 1.05 0.00	29.07 0.98 0.00
V_A_10_SYNC_DSASP 323832	23.29 -1.00 0.00	21.95 -1.07 0.00	19.36 -0.93 0.00	22.16 -0.97 0.00	21.60 -1.04 0.00	24.84 -0.95 0.00	26.44 -1.22 0.00	30.37 -1.80 0.00	33.59 -1.86 0.00	33.22 -1.57 0.00	32.11 -1.34 0.00	33.34 -1.00 0.00	32.48 -0.96 0.00	35.01 -0.76 0.00	33.71 -1.21 0.00	35.33 -1.27 0.00	34.13 -1.18 0.00	34.77 -0.99 0.00	35.21 -0.98 0.00	34.17 -1.39 0.00	32.56 -1.42 0.00	32.58 -1.34 0.00	30.78 -1.26 0.00	27.13 -0.96 0.00
V_CMM_10_SYNC_DSASP 323787	24.14 -0.14 0.00	22.87 -0.14 0.00	20.14 -0.16 0.00	22.94 -0.19 0.00	22.43 -0.21 0.00	25.53 -0.26 0.00	27.37 -0.29 0.00	31.85 -0.32 0.00	35.00 -0.45 0.00	34.38 -0.41 0.00	32.98 -0.47 0.00	33.68 -0.65 0.00	28.93 -0.66 3.85	28.37 -0.71 6.70	30.27 -0.79 3.86	35.77 -0.83 0.00	34.34 -0.98 0.00	29.10 -1.02 5.64	35.25 -0.94 0.00	34.59 -0.96 0.00	33.08 -0.90 0.00	33.34 -0.58 0.00	31.64 -0.40 0.00	27.68 -0.41 0.00
V_CMP_10_SYNC_DSASP 323788	25.44 1.15 0.00	24.14 1.12 0.00	21.06 0.76 0.00	23.96 0.83 0.00	23.50 0.87 0.00	26.75 0.96 0.00	28.80 1.14 0.00	33.33 1.16 0.00	36.76 1.31 0.00	36.05 1.27 0.00	34.44 1.00 0.00	35.32 0.99 0.00	30.22 1.21 4.44	29.07 1.03 7.73	30.96 0.49 4.46	37.16 0.56 0.00	35.61 0.30 0.00	29.28 0.04 6.51	36.08 -0.11 0.00	35.15 -0.40 0.00	34.69 0.71 0.00	35.28 1.36 0.00	32.82 0.78 0.00	28.33 0.24 0.00
V_D_10_SYNC_DSASP 323841	24.25 -0.03 0.00	22.98 -0.04 0.00	20.23 -0.07 0.00	23.04 -0.09 0.00	22.53 -0.11 0.00	25.65 -0.13 0.00	27.49 -0.17 0.00	31.99 -0.19 0.00	35.12 -0.32 0.00	34.52 -0.27 0.00	33.10 -0.34 0.00	33.79 -0.54 0.00	27.60 -0.59 5.25	25.96 -0.67 9.14	28.92 -0.73 5.28	35.85 -0.75 0.00	34.21 -1.11 0.00	26.92 -1.14 7.70	35.17 -1.03 0.00	34.53 -1.03 0.00	33.03 -0.95 0.00	33.52 -0.39 0.00	31.79 -0.25 0.00	27.79 -0.30 0.00
V_E_10_SYNC_DSASP 323830	26.20 1.92 0.00	24.67 1.65 0.00	21.71 1.41 0.00	24.71 1.58 0.00	24.16 1.52 0.00	27.70 1.91 0.00	29.70 2.04 0.00	34.49 2.31 0.00	38.24 2.79 0.00	37.56 2.77 0.00	36.33 2.88 0.00	37.29 2.96 0.00	35.95 2.51 0.00	38.57 2.80 0.00	37.77 2.84 0.00	40.05 3.45 0.00	38.82 3.51 0.00	39.66 3.90 0.00	40.21 4.01 0.00	39.19 3.64 0.00	37.22 3.24 0.00	37.06 3.15 0.00	35.02 2.98 0.00	30.48 2.39 0.00
V_F_30_NSYNC__DSASP 323816	25.65 1.37 0.00	24.35 1.33 0.00	21.44 1.14 0.00	24.44 1.31 0.00	23.94 1.31 0.00	27.28 1.50 0.00	29.39 1.74 0.00	34.15 1.98 0.00	37.57 2.12 0.00	36.72 1.94 0.00	35.13 1.68 0.00	36.11 1.78 0.00	35.11 1.67 0.00	37.47 1.70 0.00	36.74 1.82 0.00	38.54 1.94 0.00	37.37 2.05 0.00	37.91 2.15 0.00	38.50 2.30 0.00	38.00 2.45 0.00	36.50 2.52 0.00	36.22 2.30 0.00	33.97 1.93 0.00	29.78 1.70 0.00
V_F_30_SYNC_DSASP 323786	24.78 0.49 0.00	23.56 0.55 0.00	20.79 0.49 0.00	23.69 0.55 0.00	23.21 0.57 0.00	26.40 0.61 0.00	28.37 0.71 0.00	33.02 0.84 0.00	36.35 0.89 0.00	35.57 0.79 0.00	34.16 0.72 0.00	35.15 0.82 0.00	34.25 0.81 0.00	36.60 0.83 0.00	35.89 0.96 0.00	37.51 0.91 0.00	36.29 0.97 0.00	36.79 1.03 0.00	37.14 0.95 0.00	36.58 1.03 0.00	35.02 1.04 0.00	34.78 0.86 0.00	32.68 0.64 0.00	28.69 0.60 0.00



V_XM10_SYNC_DSASP 323789	25.44 1.15 0.00	24.14 1.12 0.00	21.06 0.76 0.00	23.96 0.83 0.00	23.50 0.87 0.00	26.75 0.96 0.00	28.80 1.14 0.00	33.33 1.16 0.00	36.76 1.31 0.00	36.05 1.27 0.00	34.44 1.00 0.00	35.32 0.99 0.00	30.22 1.21 4.44	29.07 1.03 7.73	30.96 0.49 4.46	37.16 0.56 0.00	35.61 0.30 0.00	29.28 0.04 6.51	36.08 -0.11 0.00	35.15 -0.40 0.00	34.69 0.71 0.00	35.28 1.36 0.00	32.82 0.78 0.00	28.33 0.24 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.47 1.19 0.00	24.15 1.13 0.00	21.24 0.94 0.00	24.18 1.05 0.00	23.70 1.06 0.00	27.03 1.25 0.00	29.10 1.44 0.00	33.96 1.79 0.00	37.49 2.04 0.00	36.75 1.97 0.00	35.46 2.02 0.00	36.61 2.27 0.00	35.77 2.33 0.00	38.28 2.51 0.00	37.57 2.64 0.00	39.36 2.76 0.00	38.06 2.74 0.00	38.55 2.79 0.00	38.83 2.64 0.00	38.00 2.45 0.00	36.27 2.30 0.00	36.11 2.20 0.00	33.90 1.86 0.00	29.75 1.66 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.75 1.47 0.00	24.40 1.38 0.00	21.43 1.13 0.00	24.39 1.25 0.00	23.91 1.27 0.00	27.26 1.48 0.00	29.42 1.76 0.00	34.34 2.17 0.00	37.91 2.46 0.00	37.15 2.36 0.00	35.85 2.41 0.00	36.96 2.63 0.00	36.12 2.68 0.00	38.64 2.87 0.00	37.95 3.02 0.00	39.82 3.22 0.00	38.43 3.12 0.00	38.88 3.12 0.00	39.14 2.95 0.00	38.32 2.77 0.00	36.51 2.53 0.00	36.36 2.45 0.00	34.14 2.10 0.00	29.99 1.91 0.00
W50THST__13_KV_LOAD 356117	25.93 1.65 0.00	24.57 1.55 0.00	21.57 1.27 0.00	24.54 1.41 0.00	24.07 1.43 0.00	27.46 1.68 0.00	29.65 2.00 0.00	34.66 2.49 0.00	38.26 2.81 0.00	37.50 2.71 0.00	36.20 2.75 0.00	37.32 2.98 0.00	36.48 3.03 0.00	39.02 3.25 0.00	38.32 3.39 0.00	40.18 3.58 0.00	38.78 3.47 0.00	39.19 3.44 0.00	39.43 3.23 0.00	38.55 3.00 0.00	36.73 2.75 0.00	36.56 2.65 0.00	34.31 2.27 0.00	30.15 2.06 0.00
WADING RIVER_IC_1 23522	25.46 1.18 0.00	24.28 1.26 0.00	21.26 0.96 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.68 1.42 1.92	32.94 1.57 4.08	36.44 1.66 0.00	35.29 1.85 0.00	36.51 2.17 0.00	35.81 2.36 0.00	38.16 2.39 0.00	37.74 2.82 0.00	39.54 2.93 0.00	38.19 2.87 0.00	38.80 3.05 0.00	39.10 2.91 0.00	38.31 2.76 0.00	36.61 2.63 0.00	36.36 2.45 0.00	34.01 1.97 0.00	29.97 1.88 0.00
WADING RIVER_IC_2 23547	25.46 1.18 0.00	24.28 1.26 0.00	21.26 0.96 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.68 1.42 1.92	32.94 1.57 4.08	36.44 1.66 0.00	35.29 1.85 0.00	36.51 2.17 0.00	35.81 2.36 0.00	38.16 2.39 0.00	37.74 2.82 0.00	39.54 2.93 0.00	38.19 2.87 0.00	38.80 3.05 0.00	39.10 2.91 0.00	38.31 2.76 0.00	36.61 2.63 0.00	36.36 2.45 0.00	34.01 1.97 0.00	29.97 1.88 0.00
WADING RIVER_IC_3 23601	25.46 1.18 0.00	24.28 1.26 0.00	21.26 0.96 0.00	24.36 1.22 0.00	23.93 1.29 0.00	27.25 1.46 0.00	29.32 1.66 0.00	31.68 1.42 1.92	32.94 1.57 4.08	36.44 1.66 0.00	35.29 1.85 0.00	36.51 2.17 0.00	35.81 2.36 0.00	38.16 2.39 0.00	37.74 2.82 0.00	39.54 2.93 0.00	38.19 2.87 0.00	38.80 3.05 0.00	39.10 2.91 0.00	38.31 2.76 0.00	36.61 2.63 0.00	36.36 2.45 0.00	34.01 1.97 0.00	29.97 1.88 0.00
WALDENNY_12_KV_BK2 80841	23.78 -0.50 0.00	22.32 -0.70 0.00	19.65 -0.65 0.00	22.52 -0.61 0.00	21.94 -0.70 0.00	25.27 -0.52 0.00	26.90 -0.76 0.00	30.95 -1.22 0.00	34.38 -1.07 0.00	34.10 -0.69 0.00	33.03 -0.41 0.00	34.32 -0.01 0.00	33.43 -0.01 0.00	36.10 0.33 0.00	34.83 -0.09 0.00	36.51 -0.10 0.00	35.21 -0.11 0.00	35.83 0.07 0.00	36.23 0.03 0.00	35.07 -0.49 0.00	33.38 -0.60 0.00	33.42 -0.51 0.00	31.57 -0.48 0.00	27.74 -0.35 0.00
WALDEN__HYDRO 24148	25.42 1.14 0.00	24.09 1.07 0.00	21.18 0.88 0.00	24.11 0.98 0.00	23.64 1.00 0.00	26.94 1.16 0.00	29.02 1.36 0.00	33.87 1.70 0.00	37.42 1.97 0.00	36.67 1.89 0.00	35.36 1.92 0.00	36.48 2.14 0.00	35.61 2.17 0.00	38.06 2.29 0.00	37.35 2.43 0.00	39.16 2.56 0.00	37.91 2.59 0.00	38.44 2.68 0.00	38.74 2.55 0.00	37.93 2.37 0.00	36.20 2.22 0.00	36.02 2.10 0.00	33.81 1.77 0.00	29.66 1.57 0.00
WARRENSBURG____ 23737	25.65 1.37 0.00	24.32 1.30 0.00	21.37 1.07 0.00	24.36 1.23 0.00	23.87 1.24 0.00	27.19 1.41 0.00	29.38 1.72 0.00	34.13 1.96 0.00	37.55 2.10 0.00	36.64 1.86 0.00	34.86 1.41 0.00	35.88 1.55 0.00	34.83 1.38 0.00	37.11 1.34 0.00	36.43 1.50 0.00	38.31 1.71 0.00	37.15 1.83 0.00	37.73 1.97 0.00	38.54 2.34 0.00	38.07 2.52 0.00	36.73 2.75 0.00	36.42 2.50 0.00	34.09 2.05 0.00	29.85 1.76 0.00
WATERSIDE____6 8 9 23538	25.75 1.47 0.00	24.40 1.38 0.00	21.42 1.12 0.00	24.38 1.24 0.00	23.91 1.27 0.00	27.26 1.47 0.00	29.43 1.77 0.00	34.34 2.17 0.00	37.86 2.41 0.00	37.08 2.29 0.00	35.80 2.35 0.00	36.88 2.55 0.00	36.05 2.61 0.00	38.53 2.76 0.00	37.86 2.94 0.00	39.71 3.12 0.00	37.77 3.04 0.58	38.29 3.02 0.48	38.93 2.84 0.10	38.26 2.71 0.00	36.49 2.51 0.00	36.36 2.44 0.00	34.16 2.12 0.00	30.04 1.96 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.49 0.21 0.00	23.21 0.19 0.00	20.46 0.17 0.00	23.31 0.18 0.00	22.82 0.19 0.00	26.05 0.27 0.00	28.00 0.34 0.00	32.54 0.37 0.00	35.88 0.43 0.00	35.14 0.36 0.00	33.76 0.31 0.00	34.59 0.25 0.00	36.17 0.30 -2.43	40.37 0.37 -4.23	37.84 0.47 -2.44	37.09 0.49 0.00	35.85 0.54 0.00	39.93 0.61 -3.56	36.84 0.64 0.00	36.24 0.69 0.00	34.73 0.75 0.00	34.53 0.61 0.00	32.46 0.42 0.00	28.45 0.36 0.00
WATSON__69_KV_BK 1 55734	26.03 1.75 0.00	24.74 1.73 0.00	21.63 1.33 0.00	24.68 1.55 0.00	24.24 1.60 0.00	27.62 1.83 0.00	29.71 2.05 0.00	32.50 2.20 1.87	33.92 2.45 3.97	37.25 2.46 0.00	36.03 2.58 0.00	37.25 2.92 0.00	36.53 3.09 0.00	39.00 3.23 0.00	38.55 3.63 0.00	40.39 3.79 0.00	39.02 3.70 0.00	39.54 3.78 0.00	39.87 3.68 0.00	39.07 3.52 0.00	37.29 3.31 0.00	37.11 3.19 0.00	34.75 2.71 0.00	30.64 2.56 0.00
WDELAWARE__HYD 323627	24.80 0.52 0.00	23.47 0.45 0.00	20.62 0.33 0.00	23.48 0.35 0.00	23.00 0.36 0.00	26.23 0.45 0.00	28.25 0.59 0.00	33.01 0.83 0.00	36.49 1.04 0.00	35.80 1.02 0.00	34.56 1.12 0.00	35.66 1.32 0.00	34.77 1.33 0.00	37.11 1.34 0.00	36.41 1.49 0.00	38.25 1.65 0.00	37.02 1.71 0.00	37.69 1.93 0.00	37.95 1.76 0.00	37.11 1.56 0.00	35.39 1.41 0.00	35.17 1.25 0.00	33.01 0.97 0.00	28.90 0.82 0.00
WEST BABYLON__IC 23714	25.98 1.69 0.00	24.67 1.66 0.00	21.58 1.28 0.00	24.60 1.47 0.00	24.15 1.52 0.00	27.52 1.74 0.00	29.60 1.94 0.00	32.50 2.09 1.76	34.03 2.31 3.74	37.09 2.31 0.00	35.88 2.43 0.00	37.09 2.75 0.00	36.36 2.92 0.00	38.82 3.05 0.00	38.40 3.47 0.00	40.24 3.64 0.00	38.85 3.53 0.00	39.39 3.63 0.00	39.71 3.51 0.00	38.89 3.34 0.00	37.10 3.12 0.00	36.95 3.03 0.00	34.65 2.61 0.00	30.58 2.49 0.00

WEST CANADA___HYD 24049	24.33 0.04 0.00	23.06 0.05 0.00	20.34 0.04 0.00	23.18 0.05 0.00	22.68 0.05 0.00	25.84 0.06 0.00	27.74 0.08 0.00	32.25 0.08 0.00	35.55 0.11 0.00	34.87 0.08 0.00	33.55 0.10 0.00	34.47 0.14 0.00	36.00 0.13 -2.43	40.13 0.13 -4.23	37.54 0.18 -2.44	36.78 0.18 0.00	35.53 0.21 0.00	39.54 0.22 -3.56	36.42 0.23 0.00	35.80 0.25 0.00	34.21 0.23 0.00	34.09 0.17 0.00	32.13 0.09 0.00	28.17 0.08 0.00
WESTERN_NY_WIND 24143	24.11 -0.17 0.00	22.66 -0.36 0.00	19.96 -0.33 0.00	22.85 -0.28 0.00	22.27 -0.37 0.00	25.65 -0.14 0.00	27.36 -0.30 0.00	31.46 -0.71 0.00	34.82 -0.63 0.00	34.41 -0.38 0.00	33.30 -0.14 0.00	34.62 0.28 0.00	33.87 0.43 0.00	36.64 0.87 0.00	35.40 0.48 0.00	36.80 0.20 0.00	35.57 0.26 0.00	36.33 0.57 0.00	36.90 0.71 0.00	35.89 0.34 0.00	34.18 0.20 0.00	34.17 0.26 0.00	32.17 0.13 0.00	28.27 0.18 0.00
WESTOVER___LESR 323668	24.21 -0.07 0.00	22.86 -0.16 0.00	20.15 -0.15 0.00	22.98 -0.15 0.00	22.48 -0.16 0.00	25.71 -0.08 0.00	27.53 -0.13 0.00	32.02 -0.16 0.00	35.46 0.01 0.00	34.90 0.11 0.00	33.61 0.16 0.00	34.73 0.39 0.00	33.79 0.34 0.00	36.23 0.46 0.00	35.32 0.39 0.00	37.04 0.44 0.00	35.73 0.41 0.00	36.33 0.57 0.00	36.74 0.55 0.00	35.89 0.34 0.00	34.25 0.27 0.00	34.10 0.18 0.00	32.12 0.08 0.00	28.10 0.01 0.00
WETHRSFD_WT_PWR 323626	23.64 -0.64 0.00	22.15 -0.87 0.00	19.45 -0.85 0.00	22.26 -0.87 0.00	21.70 -0.93 0.00	25.00 -0.78 0.00	26.70 -0.96 0.00	30.84 -1.34 0.00	34.38 -1.07 0.00	34.02 -0.77 0.00	32.76 -0.68 0.00	33.93 -0.41 0.00	33.06 -0.38 0.00	35.70 -0.07 0.00	34.45 -0.48 0.00	36.07 -0.53 0.00	34.76 -0.56 0.00	35.34 -0.42 0.00	35.72 -0.48 0.00	34.71 -0.84 0.00	33.17 -0.81 0.00	33.12 -0.80 0.00	31.33 -0.71 0.00	27.52 -0.57 0.00
WHAVSTOR_138KV_BK127 55557	25.34 1.05 0.00	24.04 1.02 0.00	21.14 0.84 0.00	24.07 0.94 0.00	23.60 0.96 0.00	26.91 1.12 0.00	28.96 1.30 0.00	33.77 1.60 0.00	37.26 1.81 0.00	36.53 1.74 0.00	35.25 1.80 0.00	36.37 2.04 0.00	35.54 2.10 0.00	38.02 2.25 0.00	37.33 2.40 0.00	39.09 2.49 0.00	37.79 2.47 0.00	38.27 2.52 0.00	38.56 2.36 0.00	37.75 2.20 0.00	36.03 2.05 0.00	35.88 1.96 0.00	33.69 1.65 0.00	29.58 1.49 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.34 1.05 0.00	24.04 1.02 0.00	21.14 0.84 0.00	24.07 0.94 0.00	23.60 0.96 0.00	26.91 1.12 0.00	28.96 1.30 0.00	33.77 1.60 0.00	37.26 1.81 0.00	36.53 1.74 0.00	35.25 1.80 0.00	36.37 2.04 0.00	35.54 2.10 0.00	38.02 2.25 0.00	37.33 2.40 0.00	39.09 2.49 0.00	37.79 2.47 0.00	38.27 2.52 0.00	38.56 2.36 0.00	37.75 2.20 0.00	36.03 2.05 0.00	35.88 1.96 0.00	33.69 1.65 0.00	29.58 1.49 0.00
WHITEHAL_115KV_TB1 80871	26.72 2.44 0.00	25.27 2.25 0.00	21.99 1.69 0.00	25.03 1.90 0.00	24.56 1.93 0.00	27.97 2.19 0.00	30.54 2.88 0.00	35.25 3.08 0.00	38.73 3.28 0.00	37.35 2.56 0.00	35.47 2.02 0.00	36.73 2.40 0.00	35.73 2.29 0.00	37.96 2.19 0.00	37.37 2.45 0.00	39.49 2.89 0.00	38.07 2.75 0.00	38.79 3.03 0.00	39.56 3.36 0.00	39.25 3.70 0.00	37.93 3.95 0.00	37.58 3.67 0.00	35.20 3.16 0.00	30.95 2.86 0.00
WHITEPLN_13_KV_LOAD 356215	25.82 1.54 0.00	24.47 1.45 0.00	21.49 1.20 0.00	24.46 1.33 0.00	23.99 1.35 0.00	27.37 1.59 0.00	29.51 1.85 0.00	34.49 2.31 0.00	38.08 2.63 0.00	37.32 2.54 0.00	36.01 2.56 0.00	37.16 2.82 0.00	36.29 2.85 0.00	38.82 3.05 0.00	38.10 3.18 0.00	39.97 3.37 0.00	38.63 3.32 0.00	39.13 3.37 0.00	39.37 3.18 0.00	38.53 2.98 0.00	36.77 2.79 0.00	36.60 2.68 0.00	34.33 2.30 0.00	30.14 2.05 0.00
WM_FLOYD_69_KV_BK2 356380	25.69 1.41 0.00	24.46 1.45 0.00	21.40 1.10 0.00	24.48 1.34 0.00	24.04 1.41 0.00	27.38 1.59 0.00	29.47 1.81 0.00	31.99 1.74 1.92	33.30 1.92 4.07	36.76 1.98 0.00	35.58 2.13 0.00	36.82 2.48 0.00	36.11 2.66 0.00	38.47 2.70 0.00	38.02 3.09 0.00	39.83 3.23 0.00	38.48 3.17 0.00	39.13 3.37 0.00	39.43 3.24 0.00	38.62 3.08 0.00	36.91 2.92 0.00	36.67 2.75 0.00	34.30 2.26 0.00	30.22 2.13 0.00
WOODARD__115KV_TB2 355635	23.62 -0.66 0.00	22.35 -0.67 0.00	19.75 -0.54 0.00	22.53 -0.60 0.00	22.03 -0.60 0.00	25.13 -0.65 0.00	26.88 -0.78 0.00	31.24 -0.93 0.00	34.49 -0.96 0.00	33.94 -0.85 0.00	32.71 -0.73 0.00	33.74 -0.60 0.00	32.89 -0.55 0.00	35.28 -0.49 0.00	34.45 -0.47 0.00	36.14 -0.46 0.00	34.91 -0.40 0.00	35.40 -0.36 0.00	35.84 -0.35 0.00	35.13 -0.42 0.00	33.51 -0.47 0.00	33.34 -0.58 0.00	31.37 -0.66 0.00	27.48 -0.61 0.00
YORK___WARBASSE 23770	25.90 1.61 -0.01	24.53 1.51 0.00	21.53 1.23 0.00	24.50 1.37 0.00	24.02 1.38 0.00	27.39 1.60 0.00	29.57 1.90 0.00	34.49 2.31 0.00	38.01 2.57 0.00	37.20 2.42 0.00	35.93 2.48 0.00	37.05 2.72 0.00	36.22 2.77 0.00	38.74 2.97 0.00	38.05 3.13 0.00	39.94 3.33 -0.01	41.96 3.24 -3.41	41.78 3.24 -2.79	39.85 3.05 -0.62	38.48 2.93 -0.01	36.70 2.72 0.00	36.57 2.65 0.00	34.33 2.29 0.00	30.20 2.11 -0.01