

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/29/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	
59TH STREET_GT_1	31.66	28.98	25.87	24.71	26.63	31.05	36.11	34.52	37.18	38.87	36.73	34.82	36.00	35.20	27.73	27.30	27.16	34.08	38.90	39.71	39.22	39.00	34.09	31.10
24138	1.20	1.04	0.88	0.81	0.75	0.93	1.22	1.30	1.54	1.76	1.75	1.81	2.18	2.30	1.89	1.83	1.91	2.39	2.48	2.00	1.76	1.52	1.33	1.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	-0.06	-0.12	-0.34	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	31.74	29.07	25.96	24.78	26.72	31.14	36.20	34.59	37.24	38.92	36.77	34.85	36.03	35.21	27.73	27.31	27.17	34.10	38.92	39.81	39.33	39.10	34.18	31.18
24260	1.28	1.13	0.96	0.89	0.83	1.03	1.30	1.37	1.60	1.81	1.79	1.83	2.20	2.30	1.89	1.84	1.92	2.41	2.50	2.10	1.86	1.64	1.43	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	-0.06	-0.12	-0.34	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	31.74	29.07	25.96	24.78	26.72	31.14	36.20	34.59	37.24	38.92	36.77	34.85	36.03	35.21	27.73	27.31	27.17	34.10	38.92	39.81	39.33	39.10	34.18	31.18
24261	1.28	1.13	0.96	0.89	0.83	1.03	1.30	1.37	1.60	1.81	1.79	1.83	2.20	2.30	1.89	1.84	1.92	2.41	2.50	2.10	1.86	1.64	1.43	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	-0.06	-0.12	-0.34	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.29	29.58	26.51	25.33	27.40	31.90	37.06	35.04	38.01	39.43	36.86	34.54	35.32	34.04	27.15	26.82	26.68	33.84	39.01	40.45	40.10	39.88	34.74	31.74
24011	1.82	1.64	1.52	1.44	1.52	1.79	2.16	2.10	2.37	2.33	1.88	1.63	1.72	1.76	1.33	1.35	1.42	2.15	2.58	2.74	2.63	2.41	1.98	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.05	0.10	0.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	32.45	29.71	26.67	25.48	27.57	32.06	37.26	35.27	38.28	39.70	37.13	34.79	35.56	34.30	27.32	26.98	26.86	34.09	39.24	40.70	40.34	40.10	34.91	31.91
23798	1.99	1.77	1.68	1.59	1.69	1.94	2.37	2.33	2.64	2.60	2.15	1.88	1.95	2.02	1.50	1.51	1.61	2.40	2.81	3.00	2.87	2.63	2.16	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	0.05	0.10	0.28	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.29	29.58	26.51	25.33	27.40	31.90	37.06	35.04	38.01	39.43	36.													

ALBANY___2 23572	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.42 -0.05 0.00	32.66 -0.09 0.00	29.85 -0.14 0.00
ALBANY___3 23573	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.42 -0.05 0.00	32.66 -0.09 0.00	29.85 -0.14 0.00
ALBANY___4 23574	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.42 -0.05 0.00	32.66 -0.09 0.00	29.85 -0.14 0.00
ALBANY___LFGE 323615	30.78 0.31 0.00	28.25 0.32 0.00	25.32 0.33 0.00	24.20 0.30 0.00	26.17 0.28 0.00	30.46 0.35 0.00	35.17 0.27 0.00	33.09 0.14 0.11	35.96 0.32 0.00	37.43 0.32 0.00	35.24 0.25 0.00	33.18 0.27 0.04	33.99 0.37 0.09	32.82 0.51 0.25	26.30 0.48 0.01	25.92 0.45 0.00	25.70 0.45 0.00	32.27 0.58 0.00	37.11 0.68 0.00	38.28 0.58 0.00	37.96 0.49 0.00	37.84 0.37 0.00	33.01 0.26 0.00	30.16 0.17 0.00
ALCOA_PA_115KV_PL-6C 55860	31.01 0.54 0.00	28.49 0.55 0.00	25.47 0.48 0.00	24.39 0.49 0.00	26.58 0.70 0.00	30.94 0.82 0.00	35.96 1.06 0.00	34.14 1.07 0.00	36.77 1.13 0.00	38.09 0.99 0.00	36.13 1.15 0.00	33.98 1.02 0.00	34.40 0.69 0.00	33.01 0.44 0.00	26.10 0.27 0.00	25.76 0.29 0.00	25.50 0.25 0.00	32.08 0.38 0.00	36.90 0.47 0.00	38.43 0.72 0.00	38.35 0.88 0.00	38.49 1.02 0.00	33.69 0.93 0.00	30.93 0.94 0.00
ALCOA_RYNLDS___DRP 24188	31.01 0.54 0.00	28.49 0.55 0.00	25.47 0.48 0.00	24.39 0.49 0.00	26.58 0.70 0.00	30.94 0.82 0.00	35.96 1.06 0.00	34.14 1.07 0.00	36.77 1.13 0.00	38.09 0.99 0.00	36.13 1.15 0.00	33.98 1.02 0.00	34.40 0.69 0.00	33.01 0.44 0.00	26.10 0.27 0.00	25.76 0.29 0.00	25.50 0.25 0.00	32.08 0.38 0.00	36.90 0.47 0.00	38.43 0.72 0.00	38.35 0.88 0.00	38.49 1.02 0.00	33.69 0.93 0.00	30.93 0.94 0.00
ALCOA___DSASP 323711	31.01 0.54 0.00	28.49 0.55 0.00	25.47 0.48 0.00	24.39 0.49 0.00	26.58 0.70 0.00	30.94 0.82 0.00	35.96 1.06 0.00	34.14 1.07 0.00	36.77 1.13 0.00	38.09 0.99 0.00	36.13 1.15 0.00	33.98 1.02 0.00	34.40 0.69 0.00	33.00 0.44 0.00	26.10 0.27 0.00	25.76 0.29 0.00	25.50 0.25 0.00	32.08 0.38 0.00	36.90 0.47 0.00	38.43 0.72 0.00	38.35 0.88 0.00	38.49 1.02 0.00	33.68 0.93 0.00	30.93 0.94 0.00
ALLEGHENY___COGEN 23514	31.48 1.01 0.00	28.77 0.83 0.00	25.73 0.74 0.00	24.61 0.72 0.00	26.70 0.82 0.00	31.17 1.06 0.00	36.25 1.35 0.00	34.47 1.39 0.00	36.75 1.11 0.00	38.03 0.92 0.00	35.43 0.45 0.00	32.71 -0.25 0.00	33.14 -0.57 0.00	31.92 -0.64 0.00	25.47 -0.36 0.00	24.88 -0.59 0.00	24.73 -0.52 0.00	30.93 -0.76 0.00	35.78 -0.64 0.00	37.64 -0.07 0.00	37.73 0.26 0.00	38.00 0.53 0.00	33.24 0.49 0.00	30.55 0.56 0.00
ALTAMONT_115KV_TB 2 55880	30.83 0.36 0.00	28.28 0.34 0.00	25.32 0.34 0.00	24.20 0.31 0.00	26.17 0.28 0.00	30.45 0.34 0.00	35.24 0.34 0.00	33.26 0.26 0.07	36.03 0.38 0.00	37.50 0.40 0.00	35.30 0.32 0.00	33.25 0.31 0.03	34.07 0.42 0.05	32.94 0.52 0.15	26.28 0.45 0.01	25.89 0.42 0.00	25.70 0.45 0.00	32.26 0.57 0.00	37.10 0.68 0.00	38.30 0.60 0.00	38.00 0.53 0.00	37.92 0.45 0.00	33.10 0.35 0.00	30.27 0.27 0.00
ALTONA_WT_PWR 323606	30.88 0.41 0.00	28.36 0.42 0.00	25.36 0.37 0.00	24.29 0.39 0.00	26.43 0.55 0.00	30.75 0.63 0.00	35.81 0.91 0.00	34.02 0.95 0.00	36.68 1.04 0.00	38.02 0.91 0.00	35.98 1.00 0.00	33.78 0.83 0.00	34.26 0.55 0.00	32.90 0.33 0.00	26.02 0.18 0.00	25.68 0.21 0.00	25.46 0.20 0.00	32.08 0.39 0.00	36.86 0.43 0.00	38.37 0.66 0.00	38.25 0.78 0.00	38.23 0.76 0.00	33.40 0.65 0.00	30.67 0.67 0.00
AMERICAN_REF_FUEL 24010	29.19 -1.28 0.00	26.59 -1.35 0.00	23.75 -1.24 0.00	22.62 -1.28 0.00	24.44 -1.44 0.00	28.39 -1.73 0.00	32.52 -2.37 0.00	30.73 -2.34 0.00	32.94 -2.70 0.00	34.62 -2.49 0.00	32.67 -2.31 0.00	30.68 -2.28 0.00	31.09 -2.61 0.00	29.85 -2.71 0.00	23.74 -2.09 0.00	23.62 -1.85 0.00	23.15 -2.10 0.00	28.83 -2.87 0.00	32.82 -3.60 0.00	34.13 -3.57 0.00	34.13 -3.34 0.00	34.69 -2.78 0.00	30.78 -1.97 0.00	28.77 -1.22 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.80 -0.66 0.00	27.21 -0.73 0.00	24.21 -0.77 0.00	23.21 -0.69 0.00	25.05 -0.83 0.00	29.20 -0.92 0.00	33.79 -1.11 0.00	32.17 -0.90 0.00	34.29 -1.35 0.00	35.96 -1.14 0.00	33.75 -1.24 0.00	31.50 -1.46 0.00	32.00 -1.71 0.00	30.81 -1.75 0.00	24.62 -1.21 0.00	24.53 -0.94 0.00	24.02 -1.23 0.00	30.27 -1.42 0.00	34.60 -1.83 0.00	36.05 -1.66 0.00	35.88 -1.58 0.00	36.29 -1.18 0.00	31.89 -0.86 0.00	29.51 -0.48 0.00
ARTHUR KILL_GT_1 23520	31.61 1.15 0.00	28.97 1.03 0.00	25.88 0.89 0.00	24.68 0.79 0.00	26.59 0.71 0.00	31.03 0.92 0.00	36.06 1.16 0.00	34.40 1.17 -0.16	36.84 1.20 0.00	38.49 1.39 0.00	36.38 1.39 0.00	34.41 1.40 -0.06	35.71 1.89 -0.12	34.94 2.03 -0.34	27.57 1.73 -0.01	27.17 1.70 0.00	27.06 1.81 0.00	33.90 2.21 0.00	38.52 2.10 0.00	39.35 1.64 0.00	38.97 1.51 0.00	38.67 1.19 0.00	34.05 1.30 0.00	31.13 1.14 0.00
ARTHUR_KILL_2 23512	31.52 1.05 0.00	28.89 0.95 0.00	25.81 0.82 0.00	24.62 0.72 0.00	26.52 0.63 0.00	30.94 0.82 0.00	35.95 1.06 0.00	34.31 1.08 -0.16	36.73 1.09 0.00	38.39 1.28 0.00	36.30 1.32 0.00	34.32 1.30 -0.06	35.63 1.80 -0.12	34.84 1.93 -0.34	27.49 1.65 -0.01	27.09 1.62 0.00	26.98 1.73 0.00	33.80 2.11 0.00	38.42 1.99 0.00	39.24 1.53 0.00	38.84 1.37 0.00	38.52 1.05 0.00	33.94 1.19 0.00	31.03 1.04 0.00
ARTHUR_KILL_3 23513	31.46 0.99 0.00	28.81 0.86 0.00	25.72 0.73 0.00	24.55 0.66 0.00	26.47 0.59 0.00	30.84 0.73 0.00	35.83 0.94 0.00	34.24 1.01 -0.16	36.82 1.19 0.00	38.48 1.37 0.00	36.35 1.37 0.00	34.45 1.43 -0.06	35.61 1.78 -0.12	34.82 1.91 -0.34	27.44 1.60 -0.01	27.02 1.55 0.00	26.89 1.64 0.00	33.76 2.06 0.00	38.53 2.11 0.00	39.36 1.65 0.00	38.89 1.43 0.00	38.65 1.18 0.00	33.81 1.06 0.00	30.86 0.87 0.00

ARTHUR_KILL_COGEN 323718	31.61 1.15 0.00	28.97 1.03 0.00	25.88 0.89 0.00	24.69 0.79 0.00	26.59 0.71 0.00	31.03 0.92 0.00	36.06 1.16 0.00	34.41 1.18 -0.16	36.84 1.20 0.00	38.49 1.39 0.00	36.39 1.40 0.00	34.41 1.40 -0.06	35.71 1.88 -0.12	34.93 2.03 -0.34	27.57 1.73 -0.01	27.18 1.71 0.00	27.06 1.81 0.00	33.90 2.21 0.00	38.52 2.10 0.00	39.36 1.65 0.00	38.98 1.51 0.00	38.66 1.19 0.00	34.05 1.30 0.00	31.13 1.14 0.00
ASHOKAN____ 23654	31.17 0.70 0.00	28.56 0.62 0.00	25.54 0.54 0.00	24.39 0.49 0.00	26.36 0.48 0.00	30.71 0.59 0.00	35.62 0.72 0.00	33.86 0.79 0.00	36.64 1.00 0.00	38.22 1.11 0.00	35.97 0.99 0.00	33.82 0.86 0.00	34.73 1.03 0.00	33.67 1.11 0.00	26.81 0.99 0.00	26.50 1.03 0.00	26.28 1.03 0.00	33.02 1.33 0.00	38.03 1.61 0.00	39.23 1.52 0.00	38.89 1.42 0.00	38.67 1.20 0.00	33.67 0.92 0.00	30.68 0.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.47 1.00 0.00	28.87 0.92 0.00	25.79 0.79 0.00	24.58 0.68 0.00	26.47 0.59 0.00	30.88 0.76 0.00	35.94 1.05 0.00	34.32 1.09 -0.16	36.88 1.24 0.00	38.55 1.45 0.00	36.40 1.41 0.00	34.48 1.47 -0.06	35.69 1.86 -0.12	34.86 1.96 -0.34	27.50 1.65 -0.01	27.07 1.60 0.00	26.93 1.68 0.00	33.74 2.05 0.00	38.50 2.08 0.00	39.48 1.78 0.00	39.08 1.61 0.00	38.79 1.32 0.00	33.94 1.19 0.00	30.98 0.99 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.47 1.00 0.00	28.87 0.92 0.00	25.79 0.79 0.00	24.58 0.68 0.00	26.47 0.59 0.00	30.88 0.76 0.00	35.94 1.05 0.00	34.32 1.09 -0.16	36.88 1.24 0.00	38.55 1.45 0.00	36.40 1.41 0.00	34.48 1.47 -0.06	35.69 1.86 -0.12	34.86 1.96 -0.34	27.50 1.65 -0.01	27.07 1.60 0.00	26.93 1.68 0.00	33.74 2.05 0.00	38.50 2.08 0.00	39.48 1.78 0.00	39.08 1.61 0.00	38.79 1.32 0.00	33.94 1.19 0.00	30.98 0.99 0.00
ASTORIA_GT2_1 24094	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT2_2 24095	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT2_3 24096	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT2_4 24097	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT3_1 24098	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT3_2 24099	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT3_3 24100	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT3_4 24101	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT4_1 24102	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT4_2 24103	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT4_3 24104	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00

ASTORIA_GT4_4 24105	31.49 1.02 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.59 0.70 0.00	26.48 0.60 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.33 1.11 -0.16	36.91 1.27 0.00	38.57 1.46 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.59 0.00	26.96 1.71 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.50 1.80 0.00	39.10 1.63 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
ASTORIA_GT_1 23523	31.54 1.07 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.63 0.73 0.00	26.52 0.64 0.00	30.94 0.83 0.00	36.03 1.13 0.00	34.39 1.16 -0.16	36.97 1.34 0.00	38.64 1.53 0.00	36.48 1.50 0.00	34.58 1.56 -0.06	35.78 1.96 -0.12	34.96 2.06 -0.34	27.57 1.73 -0.01	27.12 1.65 0.00	27.01 1.76 0.00	33.82 2.13 0.00	38.61 2.18 0.00	39.58 1.88 0.00	39.17 1.71 0.00	38.89 1.42 0.00	34.03 1.27 0.00	31.05 1.06 0.00
ASTORIA_GT_10 24110	31.52 1.05 0.00	28.89 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.37 1.15 -0.16	36.95 1.31 0.00	38.61 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.05 -0.34	27.55 1.71 -0.01	27.13 1.66 0.00	27.00 1.74 0.00	33.85 2.16 0.00	38.56 2.13 0.00	39.47 1.76 0.00	39.04 1.58 0.00	38.79 1.32 0.00	33.96 1.21 0.00	30.98 0.99 0.00
ASTORIA_GT_11 24225	31.52 1.05 0.00	28.89 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.37 1.15 -0.16	36.95 1.31 0.00	38.61 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.05 -0.34	27.55 1.71 -0.01	27.13 1.66 0.00	27.00 1.74 0.00	33.85 2.16 0.00	38.56 2.13 0.00	39.47 1.76 0.00	39.04 1.58 0.00	38.79 1.32 0.00	33.96 1.21 0.00	30.98 0.99 0.00
ASTORIA_GT_12 24226	31.52 1.05 0.00	28.89 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.37 1.15 -0.16	36.95 1.31 0.00	38.61 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.05 -0.34	27.55 1.71 -0.01	27.13 1.66 0.00	27.00 1.74 0.00	33.85 2.16 0.00	38.56 2.13 0.00	39.47 1.76 0.00	39.04 1.58 0.00	38.79 1.32 0.00	33.96 1.21 0.00	30.98 0.99 0.00
ASTORIA_GT_13 24227	31.52 1.05 0.00	28.89 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.37 1.15 -0.16	36.95 1.31 0.00	38.61 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.05 -0.34	27.55 1.71 -0.01	27.13 1.66 0.00	27.00 1.74 0.00	33.85 2.16 0.00	38.56 2.13 0.00	39.47 1.76 0.00	39.04 1.58 0.00	38.79 1.32 0.00	33.96 1.21 0.00	30.98 0.99 0.00
ASTORIA_GT_5 24106	31.54 1.07 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.63 0.73 0.00	26.52 0.64 0.00	30.94 0.83 0.00	36.03 1.13 0.00	34.39 1.16 -0.16	36.97 1.34 0.00	38.64 1.53 0.00	36.48 1.50 0.00	34.58 1.56 -0.06	35.78 1.96 -0.12	34.96 2.06 -0.34	27.57 1.73 -0.01	27.12 1.65 0.00	27.01 1.76 0.00	33.82 2.13 0.00	38.61 2.18 0.00	39.58 1.88 0.00	39.17 1.71 0.00	38.89 1.42 0.00	34.03 1.27 0.00	31.05 1.06 0.00
ASTORIA_GT_7 24107	31.54 1.07 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.63 0.73 0.00	26.52 0.64 0.00	30.94 0.83 0.00	36.03 1.13 0.00	34.39 1.16 -0.16	36.97 1.34 0.00	38.64 1.53 0.00	36.48 1.50 0.00	34.58 1.56 -0.06	35.78 1.96 -0.12	34.96 2.06 -0.34	27.57 1.73 -0.01	27.12 1.65 0.00	27.01 1.76 0.00	33.82 2.13 0.00	38.61 2.18 0.00	39.58 1.88 0.00	39.17 1.71 0.00	38.89 1.42 0.00	34.03 1.27 0.00	31.05 1.06 0.00
ASTORIA_GT_8 24108	31.54 1.07 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.63 0.73 0.00	26.52 0.64 0.00	30.94 0.83 0.00	36.03 1.13 0.00	34.39 1.16 -0.16	36.97 1.34 0.00	38.64 1.53 0.00	36.48 1.50 0.00	34.58 1.56 -0.06	35.78 1.96 -0.12	34.96 2.06 -0.34	27.57 1.73 -0.01	27.12 1.65 0.00	27.01 1.76 0.00	33.82 2.13 0.00	38.61 2.18 0.00	39.58 1.88 0.00	39.17 1.71 0.00	38.89 1.42 0.00	34.03 1.27 0.00	31.05 1.06 0.00
ASTORIA___2 24149	31.48 1.02 0.00	28.87 0.93 0.00	25.80 0.81 0.00	24.59 0.69 0.00	26.48 0.60 0.00	30.89 0.77 0.00	35.97 1.07 0.00	34.34 1.11 -0.16	36.91 1.27 0.00	38.57 1.47 0.00	36.41 1.43 0.00	34.50 1.48 -0.06	35.71 1.89 -0.12	34.88 1.98 -0.34	27.51 1.66 -0.01	27.07 1.60 0.00	26.95 1.70 0.00	33.75 2.06 0.00	38.53 2.10 0.00	39.51 1.80 0.00	39.11 1.64 0.00	38.81 1.34 0.00	33.97 1.21 0.00	31.00 1.01 0.00
ASTORIA___3 23516	31.52 1.05 0.00	28.88 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.38 1.15 -0.16	36.95 1.31 0.00	38.62 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.04 -0.34	27.55 1.70 -0.01	27.13 1.66 0.00	26.99 1.74 0.00	33.84 2.16 0.00	38.56 2.14 0.00	39.47 1.76 0.00	39.05 1.58 0.00	38.78 1.31 0.00	33.96 1.21 0.00	30.97 0.99 0.00
ASTORIA___4 23517	31.52 1.05 0.00	28.89 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.37 1.15 -0.16	36.95 1.31 0.00	38.61 1.51 0.00	36.48 1.50 0.00	34.56 1.55 -0.06	35.77 1.94 -0.12	34.95 2.05 -0.34	27.55 1.71 -0.01	27.13 1.66 0.00	27.00 1.74 0.00	33.85 2.16 0.00	38.56 2.13 0.00	39.47 1.76 0.00	39.04 1.58 0.00	38.79 1.32 0.00	33.96 1.21 0.00	30.97 0.99 0.00
ASTORIA___5 23518	31.52 1.05 0.00	28.88 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.38 1.15 -0.16	36.95 1.31 0.00	38.62 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.04 -0.34	27.55 1.70 -0.01	27.13 1.66 0.00	26.99 1.74 0.00	33.84 2.16 0.00	38.56 2.14 0.00	39.47 1.76 0.00	39.05 1.58 0.00	38.78 1.31 0.00	33.96 1.21 0.00	30.97 0.99 0.00
AST_ENERGY_2_CC3 323677	31.43 0.96 0.00	28.78 0.84 0.00	25.70 0.71 0.00	24.55 0.66 0.00	26.46 0.58 0.00	30.83 0.72 0.00	35.83 0.93 0.00	34.23 1.00 -0.16	36.85 1.21 0.00	38.52 1.41 0.00	36.39 1.41 0.00	34.49 1.47 -0.06	35.64 1.82 -0.12	34.84 1.93 -0.34	27.46 1.61 -0.01	27.03 1.56 0.00	26.90 1.65 0.00	33.76 2.07 0.00	38.53 2.11 0.00	39.39 1.69 0.00	38.93 1.46 0.00	38.71 1.24 0.00	33.85 1.10 0.00	30.88 0.89 0.00
AST_ENERGY_2_CC4 323678	31.43 0.96 0.00	28.78 0.84 0.00	25.70 0.71 0.00	24.55 0.66 0.00	26.46 0.58 0.00	30.83 0.72 0.00	35.83 0.93 0.00	34.23 1.00 -0.16	36.85 1.21 0.00	38.52 1.41 0.00	36.39 1.41 0.00	34.49 1.47 -0.06	35.64 1.82 -0.12	34.84 1.93 -0.34	27.46 1.61 -0.01	27.03 1.56 0.00	26.90 1.65 0.00	33.76 2.07 0.00	38.53 2.11 0.00	39.39 1.69 0.00	38.93 1.46 0.00	38.71 1.24 0.00	33.85 1.10 0.00	30.88 0.89 0.00

ATHENS_STG_1 23668	30.96 0.49 0.00	28.39 0.45 0.00	25.41 0.42 0.00	24.27 0.37 0.00	26.22 0.34 0.00	30.52 0.41 0.00	35.36 0.46 0.00	33.57 0.44 -0.06	36.20 0.56 0.00	37.75 0.64 0.00	35.58 0.59 0.00	33.60 0.62 -0.02	34.55 0.80 -0.05	33.57 0.88 -0.14	26.57 0.74 0.00	26.18 0.71 0.00	26.02 0.77 0.00	32.65 0.96 0.00	37.46 1.04 0.00	38.57 0.86 0.00	38.21 0.75 0.00	38.11 0.64 0.00	33.29 0.54 0.00	30.43 0.44 0.00
ATHENS_STG_2 23670	30.96 0.49 0.00	28.39 0.45 0.00	25.41 0.42 0.00	24.27 0.37 0.00	26.22 0.34 0.00	30.52 0.41 0.00	35.36 0.46 0.00	33.57 0.44 -0.06	36.20 0.56 0.00	37.75 0.64 0.00	35.58 0.59 0.00	33.60 0.62 -0.02	34.55 0.80 -0.05	33.57 0.88 -0.14	26.57 0.74 0.00	26.18 0.71 0.00	26.02 0.77 0.00	32.65 0.96 0.00	37.46 1.04 0.00	38.57 0.86 0.00	38.21 0.75 0.00	38.11 0.64 0.00	33.29 0.54 0.00	30.43 0.44 0.00
ATHENS_STG_3 23677	30.96 0.49 0.00	28.39 0.45 0.00	25.41 0.42 0.00	24.27 0.37 0.00	26.22 0.34 0.00	30.52 0.41 0.00	35.36 0.46 0.00	33.57 0.44 -0.06	36.20 0.56 0.00	37.75 0.64 0.00	35.58 0.59 0.00	33.60 0.62 -0.02	34.55 0.80 -0.05	33.57 0.88 -0.14	26.57 0.74 0.00	26.18 0.71 0.00	26.02 0.77 0.00	32.65 0.96 0.00	37.46 1.04 0.00	38.57 0.86 0.00	38.21 0.75 0.00	38.11 0.64 0.00	33.29 0.54 0.00	30.43 0.44 0.00
AUBURN___LFGE 323710	30.40 -0.07 0.00	27.84 -0.10 0.00	24.90 -0.09 0.00	23.77 -0.12 0.00	25.75 -0.13 0.00	29.99 -0.12 0.00	34.74 -0.16 0.00	32.97 -0.10 0.00	35.39 -0.25 0.00	36.89 -0.21 0.00	34.60 -0.38 0.00	32.49 -0.47 0.00	33.25 -0.46 0.00	32.09 -0.46 0.00	25.42 -0.42 0.00	25.09 -0.38 0.00	24.83 -0.42 0.00	31.29 -0.40 0.00	36.02 -0.41 0.00	37.30 -0.40 0.00	37.08 -0.38 0.00	37.22 -0.25 0.00	32.42 -0.33 0.00	29.71 -0.28 0.00
BABYLON_RES_REC 323704	31.76 1.29 0.00	29.03 1.09 0.00	25.86 0.87 0.00	24.61 0.72 0.00	26.59 0.71 0.00	31.07 0.95 0.00	35.97 1.07 0.00	34.43 1.21 -0.16	37.15 1.51 0.00	38.86 1.75 0.00	36.95 1.97 0.00	35.06 2.04 -0.06	36.38 2.55 -0.13	35.42 2.51 -0.34	27.79 1.95 -0.01	27.41 1.94 0.00	27.31 2.06 0.00	34.20 2.51 0.00	39.02 2.60 0.00	39.93 2.22 0.00	39.35 1.88 0.00	39.17 1.70 0.00	34.31 1.55 0.00	31.38 1.39 0.00
BALL_HILL_WT_PWR 323825	29.64 -0.83 0.00	27.03 -0.91 0.00	24.10 -0.89 0.00	23.03 -0.86 0.00	24.89 -0.99 0.00	28.94 -1.17 0.00	33.40 -1.50 0.00	31.79 -1.28 0.00	33.94 -1.69 0.00	35.59 -1.52 0.00	33.50 -1.49 0.00	31.31 -1.65 0.00	31.81 -1.89 0.00	30.61 -1.96 0.00	24.40 -1.43 0.00	24.29 -1.18 0.00	23.82 -1.44 0.00	29.90 -1.79 0.00	34.12 -2.31 0.00	35.53 -2.17 0.00	35.37 -2.10 0.00	35.80 -1.67 0.00	31.51 -1.25 0.00	29.22 -0.78 0.00
BARON_WINDS___WT_PWR 323822	29.46 -1.01 0.00	26.91 -1.03 0.00	24.10 -0.89 0.00	23.10 -0.80 0.00	24.98 -0.90 0.00	29.02 -1.10 0.00	33.62 -1.28 0.00	32.05 -1.02 0.00	34.19 -1.44 0.00	35.50 -1.61 0.00	33.20 -1.78 0.00	30.96 -2.00 0.00	31.50 -2.21 0.00	30.45 -2.11 0.00	24.26 -1.58 0.00	24.16 -1.32 0.00	23.92 -1.33 0.00	30.03 -1.66 0.00	34.57 -1.85 0.00	36.13 -1.58 0.00	35.82 -1.65 0.00	36.01 -1.47 0.00	31.51 -1.25 0.00	29.02 -0.96 0.00
BARRETT_IC_1 23704	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_10 23701	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_11 23702	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_12 23703	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_2 23705	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_3 23706	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_4 23707	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_5 23708	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00

BARRETT_IC_6 23709	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_7 23710	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.51 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.58 1.48 0.00	36.61 1.62 0.00	34.73 1.72 -0.06	35.93 2.10 -0.12	34.94 2.04 -0.34	27.52 1.68 -0.01	27.10 1.63 0.00	26.97 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_8 23711	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT_IC_9 23700	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT___1 23545	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BARRETT___2 23546	31.53 1.06 0.00	28.84 0.90 0.00	25.70 0.71 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.90 0.79 0.00	35.78 0.88 0.00	34.20 0.97 -0.16	36.89 1.25 0.00	38.59 1.48 0.00	36.61 1.63 0.00	34.73 1.72 -0.06	35.93 2.10 -0.13	34.93 2.03 -0.34	27.52 1.68 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.61 2.18 0.00	39.49 1.79 0.00	38.95 1.48 0.00	38.77 1.30 0.00	33.94 1.19 0.00	31.11 1.12 0.00
BATAVIA___115KV_TB1 55881	30.36 -0.11 0.00	27.66 -0.28 0.00	24.71 -0.28 0.00	23.53 -0.36 0.00	25.46 -0.42 0.00	29.62 -0.49 0.00	34.15 -0.75 0.00	32.36 -0.71 0.00	34.62 -1.02 0.00	36.15 -0.96 0.00	33.96 -1.02 0.00	31.99 -0.97 0.00	32.42 -1.29 0.00	31.15 -1.42 0.00	24.78 -1.05 0.00	24.60 -0.87 0.00	24.12 -1.13 0.00	30.17 -1.53 0.00	34.49 -1.94 0.00	36.15 -1.55 0.00	36.18 -1.29 0.00	36.57 -0.90 0.00	32.23 -0.52 0.00	29.90 -0.10 0.00
BAYONEEC___CTG1 323682	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG10 323750	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG2 323683	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG3 323684	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG4 323685	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG5 323686	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG6 323687	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG7 323688	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00

BAYONEEC___CTG8 323689	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BAYONEEC___CTG9 323749	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.93 2.03 -0.34	27.53 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.21 0.00	39.48 1.77 0.00	39.03 1.56 0.00	38.80 1.33 0.00	33.94 1.19 0.00	30.97 0.98 0.00
BEACON___LESR 323632	30.93 0.46 0.00	28.36 0.42 0.00	25.38 0.39 0.00	24.22 0.32 0.00	26.22 0.34 0.00	30.55 0.44 0.00	35.28 0.38 0.00	33.19 0.22 0.11	36.10 0.46 0.00	37.62 0.51 0.00	35.42 0.44 0.00	33.28 0.37 0.04	34.05 0.43 0.09	32.92 0.60 0.24	26.36 0.54 0.01	26.05 0.58 0.00	25.82 0.57 0.00	32.48 0.79 0.00	37.38 0.95 0.00	38.55 0.84 0.00	38.13 0.67 0.00	38.00 0.53 0.00	33.09 0.34 0.00	30.30 0.30 0.00
BEAVER RIVER___HYD 24048	30.73 0.26 0.00	28.56 0.62 0.00	25.78 0.79 0.00	24.69 0.79 0.00	26.75 0.87 0.00	31.35 1.24 0.00	36.49 1.59 0.00	34.65 1.57 0.00	37.28 1.64 0.00	38.54 1.43 0.00	36.22 1.24 0.00	33.98 1.02 0.00	34.19 0.48 0.00	32.64 0.08 0.00	25.67 -0.17 0.00	25.04 -0.43 0.00	24.73 -0.53 0.00	31.02 -0.67 0.00	36.23 -0.19 0.00	38.49 0.78 0.00	38.75 1.28 0.00	38.88 1.41 0.00	34.04 1.29 0.00	31.03 1.04 0.00
BEEBEE_GT_13 23619	30.08 -0.39 0.00	27.45 -0.49 0.00	24.53 -0.46 0.00	23.39 -0.50 0.00	25.30 -0.58 0.00	29.44 -0.67 0.00	34.03 -0.87 0.00	32.27 -0.80 0.00	34.65 -0.98 0.00	36.24 -0.86 0.00	34.18 -0.80 0.00	32.12 -0.84 0.00	32.70 -1.01 0.00	31.47 -1.09 0.00	24.98 -0.85 0.00	24.75 -0.72 0.00	24.37 -0.87 0.00	30.54 -1.15 0.00	35.00 -1.42 0.00	36.37 -1.33 0.00	36.24 -1.23 0.00	36.48 -0.99 0.00	32.03 -0.72 0.00	29.53 -0.46 0.00
BENSHRST_27_KV_BENSHRST_1 355998	31.77 1.30 0.00	29.10 1.16 0.00	25.98 0.99 0.00	24.79 0.89 0.00	26.69 0.81 0.00	31.14 1.03 0.00	36.22 1.32 0.00	34.59 1.36 -0.16	37.14 1.50 0.00	38.85 1.74 0.00	36.71 1.73 0.00	34.78 1.77 -0.06	36.00 2.18 -0.12	35.20 2.29 -0.34	27.76 1.92 -0.01	27.35 1.87 0.00	27.23 1.98 0.00	34.13 2.44 0.00	38.85 2.43 0.00	39.76 2.05 0.00	39.33 1.86 0.00	39.03 1.56 0.00	34.24 1.49 0.00	31.24 1.24 0.00
BETHLEHEM___GRP 23843	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.42 -0.05 0.00	32.66 -0.09 0.00	29.85 -0.14 0.00
BETHLEHEM___GS1 323560	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.43 -0.04 0.00	32.67 -0.09 0.00	29.85 -0.14 0.00
BETHLEHEM___GS2 323561	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.43 -0.04 0.00	32.67 -0.09 0.00	29.85 -0.14 0.00
BETHLEHEM___GS3 323562	30.48 0.01 0.00	27.97 0.04 0.00	25.08 0.09 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.16 0.05 0.00	34.79 -0.11 0.00	32.73 -0.23 0.10	35.56 -0.08 0.00	37.02 -0.08 0.00	34.86 -0.12 0.00	32.84 -0.08 0.04	33.65 0.02 0.08	32.49 0.15 0.23	26.04 0.21 0.01	25.67 0.20 0.00	25.43 0.18 0.00	31.92 0.23 0.00	36.69 0.27 0.00	37.85 0.15 0.00	37.55 0.08 0.00	37.43 -0.04 0.00	32.67 -0.09 0.00	29.85 -0.14 0.00
BETHLEHEM___STEEL 23779	29.65 -0.82 0.00	27.03 -0.91 0.00	24.14 -0.85 0.00	23.01 -0.88 0.00	24.87 -1.02 0.00	28.91 -1.20 0.00	33.33 -1.57 0.00	31.72 -1.35 0.00	33.94 -1.70 0.00	35.55 -1.56 0.00	33.50 -1.48 0.00	31.39 -1.57 0.00	31.86 -1.84 0.00	30.61 -1.95 0.00	24.36 -1.47 0.00	24.25 -1.22 0.00	23.75 -1.50 0.00	29.73 -1.95 0.00	33.92 -2.51 0.00	35.31 -2.40 0.00	35.24 -2.23 0.00	35.67 -1.80 0.00	31.48 -1.28 0.00	29.24 -0.75 0.00
BETHLHEM_115KV_TB1 79974	30.54 0.07 0.00	28.04 0.10 0.00	25.13 0.14 0.00	24.02 0.12 0.00	25.97 0.09 0.00	30.22 0.11 0.00	34.88 -0.02 0.00	32.84 -0.13 0.10	35.66 0.02 0.00	37.13 0.03 0.00	34.96 -0.02 0.00	32.94 0.01 0.04	33.74 0.11 0.08	32.58 0.23 0.21	26.10 0.27 0.01	25.73 0.26 0.00	25.50 0.25 0.00	32.00 0.31 0.00	36.79 0.36 0.00	37.94 0.24 0.00	37.63 0.16 0.00	37.52 0.05 0.00	32.75 0.00 0.00	29.93 -0.06 0.00
BETHPAGE_CC_5 323564	31.73 1.26 0.00	29.00 1.06 0.00	25.83 0.84 0.00	24.56 0.67 0.00	26.53 0.65 0.00	30.98 0.86 0.00	35.83 0.93 0.00	34.24 1.01 -0.16	36.95 1.31 0.00	38.64 1.54 0.00	36.74 1.76 0.00	34.86 1.84 -0.06	36.14 2.31 -0.13	35.15 2.25 -0.34	27.66 1.82 -0.01	27.26 1.79 0.00	27.11 1.86 0.00	33.97 2.28 0.00	38.78 2.36 0.00	39.62 1.91 0.00	39.04 1.58 0.00	38.88 1.41 0.00	34.08 1.33 0.00	31.21 1.22 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.68 -0.79 0.00	27.06 -0.88 0.00	24.17 -0.82 0.00	23.04 -0.86 0.00	24.90 -0.98 0.00	28.96 -1.15 0.00	33.39 -1.50 0.00	31.79 -1.28 0.00	34.01 -1.63 0.00	35.64 -1.47 0.00	33.58 -1.41 0.00	31.46 -1.50 0.00	31.93 -1.77 0.00	30.69 -1.87 0.00	24.42 -1.41 0.00	24.30 -1.17 0.00	23.80 -1.45 0.00	29.81 -1.88 0.00	34.00 -2.43 0.00	35.38 -2.32 0.00	35.30 -2.16 0.00	35.74 -1.73 0.00	31.52 -1.23 0.00	29.26 -0.73 0.00
BINGHAMTON___COGEN 23790	30.18 -0.29 0.00	27.62 -0.32 0.00	24.69 -0.31 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.73 -0.38 0.00	34.46 -0.44 0.00	32.81 -0.26 0.00	35.17 -0.47 0.00	36.76 -0.34 0.00	34.63 -0.35 0.00	32.49 -0.47 0.00	33.21 -0.50 0.00	32.13 -0.43 0.00	25.51 -0.32 0.00	25.20 -0.27 0.00	24.89 -0.36 0.00	31.32 -0.37 0.00	35.96 -0.46 0.00	37.30 -0.41 0.00	36.98 -0.49 0.00	37.00 -0.47 0.00	32.32 -0.43 0.00	29.64 -0.35 0.00

BIXINCNT_115KV_LOAD 355685	29.66 -0.80 0.00	27.14 -0.80 0.00	24.26 -0.73 0.00	23.10 -0.80 0.00	25.03 -0.85 0.00	29.20 -0.91 0.00	33.79 -1.11 0.00	32.18 -0.89 0.00	34.36 -1.28 0.00	36.02 -1.08 0.00	33.76 -1.23 0.00	31.57 -1.39 0.00	31.99 -1.72 0.00	30.73 -1.84 0.00	24.46 -1.37 0.00	24.35 -1.13 0.00	23.87 -1.38 0.00	29.93 -1.76 0.00	34.19 -2.24 0.00	35.54 -2.17 0.00	35.50 -1.97 0.00	35.83 -1.64 0.00	31.53 -1.22 0.00	29.25 -0.75 0.00
BLACK RIVER___HYD 24047	30.83 0.36 0.00	28.67 0.73 0.00	25.92 0.93 0.00	24.84 0.94 0.00	26.90 1.02 0.00	31.55 1.44 0.00	36.73 1.84 0.00	34.89 1.82 0.00	37.52 1.89 0.00	38.78 1.67 0.00	36.40 1.42 0.00	34.09 1.13 0.00	34.33 0.62 0.00	32.68 0.12 0.00	25.57 -0.26 0.00	24.91 -0.56 0.00	24.62 -0.63 0.00	30.89 -0.80 0.00	36.30 -0.13 0.00	38.80 1.10 0.00	39.17 1.71 0.00	39.29 1.82 0.00	34.32 1.57 0.00	31.21 1.22 0.00
BLACKRVR_115KV_TB2 79977	30.83 0.36 0.00	28.67 0.73 0.00	25.92 0.93 0.00	24.84 0.94 0.00	26.90 1.02 0.00	31.55 1.44 0.00	36.74 1.84 0.00	34.89 1.82 0.00	37.52 1.89 0.00	38.78 1.67 0.00	36.40 1.42 0.00	34.09 1.13 0.00	34.33 0.62 0.00	32.67 0.11 0.00	25.57 -0.26 0.00	24.91 -0.56 0.00	24.62 -0.63 0.00	30.89 -0.80 0.00	36.30 -0.13 0.00	38.80 1.10 0.00	39.17 1.70 0.00	39.29 1.82 0.00	34.32 1.57 0.00	31.21 1.22 0.00
BLDWN_LI_69_KV_BK4 356085	31.77 1.30 0.00	29.04 1.10 0.00	25.86 0.87 0.00	24.65 0.75 0.00	26.62 0.74 0.00	31.09 0.97 0.00	36.01 1.11 0.00	34.44 1.21 -0.16	37.14 1.51 0.00	38.84 1.73 0.00	36.90 1.92 0.00	35.02 2.00 -0.06	36.26 2.44 -0.12	35.26 2.36 -0.34	27.77 1.92 -0.01	27.37 1.89 0.00	27.25 1.99 0.00	34.15 2.46 0.00	39.00 2.58 0.00	39.90 2.19 0.00	39.33 1.86 0.00	39.15 1.68 0.00	34.26 1.51 0.00	31.35 1.36 0.00
BLISS_WT_PWR 323608	29.60 -0.87 0.00	27.12 -0.83 0.00	24.24 -0.76 0.00	23.07 -0.83 0.00	25.00 -0.87 0.00	29.19 -0.92 0.00	33.78 -1.12 0.00	32.16 -0.91 0.00	34.35 -1.29 0.00	35.98 -1.13 0.00	33.70 -1.28 0.00	31.52 -1.44 0.00	31.94 -1.76 0.00	30.66 -1.90 0.00	24.41 -1.42 0.00	24.29 -1.18 0.00	23.84 -1.41 0.00	29.87 -1.82 0.00	34.13 -2.30 0.00	35.48 -2.23 0.00	35.47 -2.00 0.00	35.80 -1.67 0.00	31.50 -1.26 0.00	29.22 -0.77 0.00
BLUESTONE___WT_PWR 323821	31.48 1.01 0.00	28.80 0.85 0.00	25.71 0.72 0.00	24.61 0.71 0.00	26.57 0.69 0.00	31.09 0.98 0.00	36.16 1.26 0.00	34.41 1.30 -0.03	36.86 1.22 0.00	38.51 1.40 0.00	36.26 1.27 0.00	34.02 1.04 -0.01	34.82 1.09 -0.03	33.12 0.52 -0.04	25.96 0.13 0.00	25.38 -0.09 0.00	25.11 -0.14 0.00	31.46 -0.24 0.00	36.29 -0.13 0.00	37.61 -0.09 0.00	37.69 0.22 0.00	37.17 -0.30 0.00	33.28 0.53 0.00	30.77 0.78 0.00
BLUE_CIRC_CHEM_DRP 24182	30.86 0.39 0.00	28.33 0.39 0.00	25.39 0.40 0.00	24.27 0.37 0.00	26.25 0.36 0.00	30.54 0.43 0.00	35.30 0.40 0.00	33.26 0.26 0.07	36.04 0.40 0.00	37.52 0.41 0.00	35.26 0.28 0.00	33.20 0.27 0.03	33.92 0.27 0.05	32.83 0.42 0.15	26.27 0.44 0.01	25.83 0.36 0.00	25.63 0.38 0.00	32.13 0.43 0.00	37.04 0.62 0.00	38.30 0.59 0.00	38.01 0.54 0.00	37.93 0.46 0.00	33.11 0.36 0.00	30.27 0.27 0.00
BOC_GAS_DRP 24189	30.71 0.24 0.00	28.18 0.24 0.00	25.24 0.25 0.00	24.11 0.22 0.00	26.08 0.19 0.00	30.34 0.23 0.00	35.09 0.19 0.00	33.12 0.11 0.06	35.87 0.24 0.00	37.37 0.26 0.00	35.20 0.22 0.00	33.19 0.25 0.02	34.01 0.36 0.05	32.87 0.44 0.14	26.23 0.41 0.00	25.86 0.39 0.00	25.67 0.42 0.00	32.20 0.50 0.00	36.98 0.56 0.00	38.15 0.44 0.00	37.85 0.38 0.00	37.76 0.29 0.00	32.97 0.21 0.00	30.15 0.16 0.00
BOONVILLE_115KV_TB1 79983	30.91 0.44 0.00	28.51 0.57 0.00	25.61 0.62 0.00	24.50 0.60 0.00	26.52 0.64 0.00	30.99 0.88 0.00	36.00 1.11 0.00	34.16 1.09 0.00	36.79 1.15 0.00	38.16 1.05 0.00	35.86 0.88 0.00	33.78 0.82 0.00	34.27 0.56 0.00	32.92 0.36 0.00	26.04 0.21 0.00	25.54 0.06 0.00	25.27 0.02 0.00	31.77 0.08 0.00	36.83 0.41 0.00	38.57 0.87 0.00	38.54 1.07 0.00	38.57 1.10 0.00	33.70 0.95 0.00	30.74 0.74 0.00
BORALEX_4TH_BRANCH 23824	31.31 0.84 0.00	28.85 0.90 0.00	25.92 0.93 0.00	24.76 0.86 0.00	26.74 0.86 0.00	31.10 0.98 0.00	36.03 1.13 0.00	33.57 0.79 0.29	36.68 1.04 0.00	38.14 1.04 0.00	35.90 0.92 0.00	33.76 0.91 0.11	34.48 1.00 0.22	33.01 1.08 0.63	26.68 0.87 0.02	26.31 0.84 0.00	26.16 0.91 0.00	32.84 1.15 0.00	37.78 1.35 0.00	38.98 1.28 0.00	38.70 1.24 0.00	38.64 1.17 0.00	33.67 0.92 0.00	30.83 0.84 0.00
BOWLINE___1 23526	31.20 0.73 0.00	28.61 0.67 0.00	25.55 0.56 0.00	24.40 0.50 0.00	26.33 0.45 0.00	30.66 0.55 0.00	35.59 0.69 0.00	33.93 0.72 -0.14	36.51 0.87 0.00	38.14 1.04 0.00	35.98 0.99 0.00	34.06 1.05 -0.05	35.18 1.37 -0.11	34.35 1.49 -0.30	27.07 1.23 -0.01	26.66 1.19 0.00	26.54 1.29 0.00	33.35 1.66 0.00	38.16 1.74 0.00	39.09 1.39 0.00	38.67 1.20 0.00	38.49 1.02 0.00	33.64 0.88 0.00	30.72 0.73 0.00
BOWLINE___2 23595	31.21 0.74 0.00	28.60 0.66 0.00	25.55 0.56 0.00	24.39 0.49 0.00	26.32 0.44 0.00	30.66 0.54 0.00	35.58 0.68 0.00	33.92 0.71 -0.14	36.50 0.86 0.00	38.13 1.03 0.00	35.97 0.98 0.00	34.05 1.04 -0.05	35.17 1.36 -0.11	34.33 1.47 -0.30	27.06 1.22 -0.01	26.66 1.19 0.00	26.54 1.29 0.00	33.33 1.64 0.00	38.15 1.72 0.00	39.09 1.39 0.00	38.66 1.19 0.00	38.48 1.01 0.00	33.63 0.87 0.00	30.71 0.72 0.00
BRADY___115KV_TB2 356060	31.38 0.91 0.00	28.87 0.93 0.00	25.80 0.81 0.00	24.70 0.81 0.00	26.93 1.06 0.00	31.38 1.27 0.00	36.52 1.62 0.00	34.67 1.59 0.00	37.31 1.67 0.00	38.52 1.42 0.00	36.54 1.55 0.00	34.36 1.40 0.00	34.62 0.92 0.00	33.17 0.61 0.00	26.15 0.32 0.00	25.77 0.30 0.00	25.53 0.28 0.00	32.07 0.38 0.00	36.93 0.50 0.00	38.85 1.14 0.00	38.87 1.40 0.00	39.03 1.56 0.00	34.13 1.38 0.00	31.35 1.36 0.00
BRANSCOMB___SOLAR 323811	31.77 1.31 0.00	29.14 1.20 0.00	26.11 1.12 0.00	24.94 1.04 0.00	26.97 1.09 0.00	31.40 1.29 0.00	36.44 1.55 0.00	34.34 1.41 0.14	37.28 1.64 0.00	38.69 1.58 0.00	36.26 1.27 0.00	33.98 1.08 0.05	34.77 1.18 0.11	33.47 1.23 0.31	26.78 0.96 0.01	26.48 1.00 0.00	26.28 1.03 0.00	33.17 1.48 0.00	38.30 1.87 0.00	39.67 1.96 0.00	39.33 1.86 0.00	39.16 1.69 0.00	34.12 1.37 0.00	31.20 1.21 0.00
BRDGHMPT_69_KV_BK1 55812	31.87 1.40 0.00	29.21 1.27 0.00	25.95 0.96 0.00	24.60 0.71 0.00	26.63 0.75 0.00	31.33 1.21 0.00	36.40 1.50 0.00	34.87 1.64 -0.16	37.76 2.12 0.00	39.50 2.39 0.00	37.80 2.82 0.00	35.92 2.91 -0.06	37.30 3.47 -0.12	36.37 3.46 -0.34	28.60 2.76 -0.01	28.18 2.71 0.00	28.03 2.78 0.00	35.15 3.46 0.00	39.97 3.54 0.00	41.02 3.31 0.00	40.52 3.05 0.00	40.30 2.83 0.00	35.18 2.42 0.00	31.97 1.98 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	31.89 1.42 0.00	29.15 1.21 0.00	25.95 0.96 0.00	24.70 0.81 0.00	26.69 0.81 0.00	31.20 1.09 0.00	35.94 1.04 0.00	34.41 1.18 -0.16	37.11 1.47 0.00	38.87 1.76 0.00	37.20 2.22 0.00	35.33 2.32 -0.06	36.61 2.79 -0.12	35.68 2.78 -0.34	28.00 2.15 -0.01	27.61 2.14 0.00	27.44 2.19 0.00	34.37 2.68 0.00	39.19 2.76 0.00	40.13 2.43 0.00	39.52 2.05 0.00	39.36 1.89 0.00	34.48 1.73 0.00	31.55 1.56 0.00
BRISTLHL_115KV_TB1 79998	29.83 -0.64 0.00	27.33 -0.61 0.00	24.45 -0.54 0.00	23.37 -0.53 0.00	25.29 -0.60 0.00	29.42 -0.69 0.00	34.02 -0.88 0.00	32.25 -0.81 0.00	34.68 -0.96 0.00	36.14 -0.96 0.00	34.04 -0.94 0.00	32.03 -0.93 0.00	32.71 -1.00 0.00	31.64 -0.92 0.00	25.06 -0.78 0.00	24.71 -0.76 0.00	24.50 -0.75 0.00	30.77 -0.92 0.00	35.37 -1.06 0.00	36.72 -0.99 0.00	36.49 -0.98 0.00	36.49 -0.98 0.00	31.89 -0.86 0.00	29.21 -0.78 0.00
BROOKHAVEN___DRP 24191	31.47 1.00 0.00	28.77 0.83 0.00	25.59 0.59 0.00	24.34 0.44 0.00	26.30 0.42 0.00	30.81 0.69 0.00	35.70 0.80 0.00	34.20 0.97 -0.16	36.92 1.28 0.00	38.61 1.50 0.00	36.83 1.85 0.00	34.99 1.97 -0.06	36.28 2.46 -0.12	35.36 2.45 -0.34	27.81 1.96 -0.01	27.42 1.94 0.00	27.23 1.98 0.00	34.16 2.47 0.00	38.95 2.53 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.07 1.60 0.00	34.19 1.44 0.00	31.21 1.22 0.00
BROOKLYN_NAVY_YARD 23515	31.49 1.02 0.00	28.84 0.89 0.00	25.75 0.76 0.00	24.58 0.69 0.00	26.50 0.61 0.00	30.87 0.76 0.00	35.89 0.99 0.00	34.29 1.06 -0.16	36.90 1.26 0.00	38.54 1.44 0.00	36.38 1.40 0.00	34.50 1.48 -0.06	35.67 1.85 -0.12	34.88 1.98 -0.34	27.48 1.64 -0.01	27.05 1.58 0.00	26.92 1.66 0.00	33.78 2.09 0.00	38.57 2.15 0.00	39.43 1.72 0.00	38.96 1.49 0.00	38.74 1.27 0.00	33.90 1.15 0.00	30.91 0.92 0.00
BROOKLYN___ARMY_DRP 323595	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00
BROOME_2_LFGE 323671	30.18 -0.29 0.00	27.62 -0.32 0.00	24.69 -0.31 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.73 -0.38 0.00	34.46 -0.43 0.00	32.81 -0.27 0.00	35.17 -0.47 0.00	36.76 -0.34 0.00	34.62 -0.36 0.00	32.49 -0.47 0.00	33.21 -0.50 0.00	32.13 -0.43 0.00	25.51 -0.32 0.00	25.20 -0.27 0.00	24.89 -0.36 0.00	31.32 -0.37 0.00	35.96 -0.46 0.00	37.30 -0.41 0.00	36.98 -0.49 0.00	37.00 -0.47 0.00	32.32 -0.43 0.00	29.64 -0.35 0.00
BROOME___LFGE 323600	30.18 -0.29 0.00	27.62 -0.32 0.00	24.69 -0.31 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.73 -0.38 0.00	34.46 -0.43 0.00	32.81 -0.27 0.00	35.17 -0.47 0.00	36.76 -0.34 0.00	34.62 -0.36 0.00	32.49 -0.47 0.00	33.21 -0.50 0.00	32.13 -0.43 0.00	25.51 -0.32 0.00	25.20 -0.27 0.00	24.89 -0.36 0.00	31.32 -0.37 0.00	35.96 -0.46 0.00	37.30 -0.41 0.00	36.98 -0.49 0.00	37.00 -0.47 0.00	32.32 -0.43 0.00	29.64 -0.35 0.00
BROWNFLS_115KV_TB_3_5 80003	30.86 0.39 0.00	28.61 0.66 0.00	25.71 0.72 0.00	24.62 0.72 0.00	26.75 0.87 0.00	31.27 1.16 0.00	36.40 1.50 0.00	34.57 1.50 0.00	37.22 1.58 0.00	38.46 1.36 0.00	36.32 1.34 0.00	34.10 1.14 0.00	34.28 0.57 0.00	32.76 0.20 0.00	25.75 -0.08 0.00	25.19 -0.28 0.00	24.88 -0.37 0.00	31.26 -0.43 0.00	36.31 -0.11 0.00	38.39 0.68 0.00	38.54 1.07 0.00	38.72 1.25 0.00	33.89 1.14 0.00	31.05 1.06 0.00
BROWNSV1_27_KV_LOAD 356125	31.79 1.33 0.00	29.10 1.16 0.00	25.98 0.99 0.00	24.81 0.92 0.00	26.74 0.86 0.00	31.17 1.06 0.00	36.25 1.35 0.00	34.62 1.39 -0.16	37.28 1.64 0.00	38.95 1.85 0.00	36.80 1.82 0.00	34.88 1.86 -0.06	36.07 2.24 -0.12	35.27 2.37 -0.34	27.78 1.94 -0.01	27.36 1.89 0.00	27.22 1.96 0.00	34.17 2.48 0.00	39.00 2.58 0.00	39.88 2.17 0.00	39.41 1.94 0.00	39.19 1.72 0.00	34.25 1.50 0.00	31.24 1.25 0.00
BURROWS___LYONSDAL 23803	30.81 0.35 0.00	28.50 0.56 0.00	25.65 0.66 0.00	24.54 0.64 0.00	26.56 0.68 0.00	31.07 0.96 0.00	36.12 1.22 0.00	34.27 1.20 0.00	36.90 1.26 0.00	38.25 1.14 0.00	35.93 0.95 0.00	33.81 0.85 0.00	34.23 0.52 0.00	32.82 0.26 0.00	25.94 0.11 0.00	25.39 -0.08 0.00	25.11 -0.14 0.00	31.56 -0.14 0.00	36.65 0.23 0.00	38.53 0.82 0.00	38.58 1.11 0.00	38.64 1.17 0.00	33.78 1.03 0.00	30.79 0.80 0.00
CAITHNESS_CC_1 323624	31.48 1.01 0.00	28.78 0.84 0.00	25.60 0.61 0.00	24.36 0.46 0.00	26.32 0.44 0.00	30.81 0.70 0.00	35.70 0.81 0.00	34.20 0.97 -0.16	36.91 1.28 0.00	38.61 1.51 0.00	36.83 1.85 0.00	34.98 1.97 -0.06	36.28 2.45 -0.13	35.31 2.41 -0.34	27.78 1.94 -0.01	27.39 1.92 0.00	27.20 1.95 0.00	34.12 2.43 0.00	38.90 2.47 0.00	39.83 2.12 0.00	39.22 1.75 0.00	39.03 1.56 0.00	34.17 1.41 0.00	31.20 1.21 0.00
CALPINE BETH_PAGE_GT4 24209	31.69 1.22 0.00	28.97 1.03 0.00	25.81 0.82 0.00	24.57 0.67 0.00	26.54 0.65 0.00	30.98 0.86 0.00	35.86 0.96 0.00	34.27 1.05 -0.16	36.98 1.35 0.00	38.67 1.56 0.00	36.77 1.78 0.00	34.88 1.86 -0.06	36.14 2.32 -0.12	35.18 2.27 -0.34	27.68 1.84 -0.01	27.28 1.81 0.00	27.13 1.88 0.00	33.99 2.31 0.00	38.81 2.39 0.00	39.59 1.88 0.00	39.02 1.55 0.00	38.85 1.38 0.00	34.10 1.34 0.00	31.21 1.22 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.69 1.22 0.00	28.97 1.03 0.00	25.80 0.82 0.00	24.56 0.67 0.00	26.53 0.65 0.00	30.98 0.86 0.00	35.86 0.96 0.00	34.27 1.04 -0.16	36.98 1.34 0.00	38.67 1.57 0.00	36.77 1.78 0.00	34.87 1.86 -0.06	36.15 2.32 -0.13	35.16 2.25 -0.34	27.68 1.83 -0.01	27.28 1.81 0.00	27.13 1.88 0.00	33.99 2.30 0.00	38.81 2.39 0.00	39.59 1.88 0.00	39.02 1.55 0.00	38.85 1.37 0.00	34.09 1.34 0.00	31.21 1.22 0.00
CALPINE_BP_GT1 23823	31.69 1.22 0.00	28.97 1.03 0.00	25.80 0.82 0.00	24.56 0.67 0.00	26.53 0.65 0.00	30.98 0.86 0.00	35.86 0.96 0.00	34.27 1.04 -0.16	36.98 1.34 0.00	38.67 1.57 0.00	36.77 1.78 0.00	34.87 1.86 -0.06	36.15 2.32 -0.13	35.16 2.25 -0.34	27.68 1.83 -0.01	27.28 1.81 0.00	27.13 1.88 0.00	33.99 2.30 0.00	38.81 2.39 0.00	39.59 1.88 0.00	39.02 1.55 0.00	38.85 1.37 0.00	34.09 1.34 0.00	31.21 1.22 0.00
CALSPAN___DRP 24200	29.65 -0.82 0.00	27.03 -0.91 0.00	24.14 -0.85 0.00	23.01 -0.88 0.00	24.87 -1.02 0.00	28.91 -1.20 0.00	33.33 -1.57 0.00	31.72 -1.35 0.00	33.94 -1.70 0.00	35.55 -1.56 0.00	33.50 -1.48 0.00	31.39 -1.57 0.00	31.86 -1.84 0.00	30.61 -1.95 0.00	24.36 -1.47 0.00	24.25 -1.22 0.00	23.75 -1.50 0.00	29.73 -1.95 0.00	33.92 -2.51 0.00	35.31 -2.40 0.00	35.24 -2.23 0.00	35.67 -1.80 0.00	31.48 -1.28 0.00	29.24 -0.75 0.00

CALVERTON___SOLAR 323806	31.50 1.03 0.00	28.79 0.85 0.00	25.60 0.61 0.00	24.35 0.45 0.00	26.32 0.44 0.00	30.84 0.72 0.00	35.74 0.84 0.00	34.25 1.02 -0.16	36.98 1.35 0.00	38.67 1.56 0.00	36.90 1.92 0.00	35.06 2.04 -0.06	36.37 2.54 -0.13	35.41 2.51 -0.34	27.88 2.04 -0.01	27.49 2.02 0.00	27.31 2.05 0.00	34.27 2.58 0.00	39.06 2.63 0.00	40.00 2.30 0.00	39.41 1.94 0.00	39.19 1.72 0.00	34.28 1.52 0.00	31.27 1.28 0.00
CANDIGU_WT_PWR 323617	29.46 -1.01 0.00	26.91 -1.03 0.00	24.10 -0.89 0.00	23.10 -0.80 0.00	24.98 -0.90 0.00	29.02 -1.10 0.00	33.62 -1.28 0.00	32.05 -1.02 0.00	34.19 -1.44 0.00	35.50 -1.61 0.00	33.20 -1.78 0.00	30.96 -2.00 0.00	31.50 -2.21 0.00	30.45 -2.11 0.00	24.26 -1.58 0.00	24.16 -1.32 0.00	23.92 -1.33 0.00	30.03 -1.66 0.00	34.57 -1.85 0.00	36.13 -1.58 0.00	35.82 -1.65 0.00	36.01 -1.47 0.00	31.51 -1.25 0.00	29.02 -0.96 0.00
CARR STREET_E_SYR 24060	30.00 -0.47 0.00	27.47 -0.47 0.00	24.57 -0.42 0.00	23.48 -0.41 0.00	25.41 -0.47 0.00	29.56 -0.56 0.00	34.21 -0.69 0.00	32.43 -0.64 0.00	34.88 -0.76 0.00	36.35 -0.76 0.00	34.27 -0.71 0.00	32.27 -0.69 0.00	32.97 -0.74 0.00	31.85 -0.71 0.00	25.24 -0.59 0.00	24.86 -0.61 0.00	24.59 -0.67 0.00	30.87 -0.82 0.00	35.51 -0.92 0.00	36.83 -0.88 0.00	36.59 -0.87 0.00	36.69 -0.78 0.00	32.06 -0.69 0.00	29.37 -0.62 0.00
CARTHAGE___PAPER 23857	30.94 0.47 0.00	28.77 0.82 0.00	25.98 0.99 0.00	24.88 0.99 0.00	26.97 1.09 0.00	31.63 1.52 0.00	36.83 1.93 0.00	34.98 1.91 0.00	37.61 1.98 0.00	38.86 1.75 0.00	36.49 1.50 0.00	34.16 1.20 0.00	34.37 0.66 0.00	32.78 0.22 0.00	25.71 -0.13 0.00	25.13 -0.34 0.00	24.77 -0.48 0.00	31.07 -0.62 0.00	36.47 0.05 0.00	38.88 1.17 0.00	39.19 1.72 0.00	39.32 1.85 0.00	34.38 1.63 0.00	31.30 1.31 0.00
CASSADAGA_WT_PWR 323784	29.96 -0.51 0.00	27.34 -0.60 0.00	24.35 -0.64 0.00	23.32 -0.57 0.00	25.16 -0.72 0.00	29.35 -0.77 0.00	34.12 -0.77 0.00	32.48 -0.58 0.00	34.63 -1.01 0.00	36.33 -0.78 0.00	34.07 -0.91 0.00	31.76 -1.20 0.00	32.26 -1.44 0.00	31.05 -1.51 0.00	24.82 -1.02 0.00	24.74 -0.73 0.00	24.15 -1.10 0.00	30.47 -1.22 0.00	34.84 -1.58 0.00	36.30 -1.40 0.00	36.13 -1.33 0.00	36.50 -0.97 0.00	32.05 -0.70 0.00	29.64 -0.35 0.00
CE_DUNWOOD___DRP 24194	31.39 0.92 0.00	28.77 0.82 0.00	25.69 0.70 0.00	24.53 0.63 0.00	26.46 0.58 0.00	30.83 0.71 0.00	35.78 0.88 0.00	34.14 0.91 -0.15	36.76 1.12 0.00	38.40 1.30 0.00	36.27 1.29 0.00	34.35 1.34 -0.06	35.50 1.68 -0.12	34.68 1.79 -0.34	27.31 1.47 -0.01	26.90 1.43 0.00	26.77 1.52 0.00	33.61 1.92 0.00	38.43 2.01 0.00	39.35 1.65 0.00	38.92 1.45 0.00	38.72 1.25 0.00	33.83 1.08 0.00	30.88 0.89 0.00
CE_MILLWOOD___DRP 24193	31.33 0.86 0.00	28.71 0.77 0.00	25.65 0.66 0.00	24.49 0.59 0.00	26.42 0.54 0.00	30.78 0.66 0.00	35.71 0.82 0.00	34.07 0.85 -0.15	36.68 1.04 0.00	38.32 1.21 0.00	36.17 1.19 0.00	34.25 1.24 -0.06	35.40 1.57 -0.12	34.58 1.68 -0.33	27.23 1.39 -0.01	26.82 1.35 0.00	26.69 1.44 0.00	33.52 1.83 0.00	38.33 1.91 0.00	39.27 1.56 0.00	38.84 1.37 0.00	38.64 1.17 0.00	33.76 1.01 0.00	30.82 0.83 0.00
CE_NYC2_DRP 24202	31.54 1.07 0.00	28.90 0.96 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.53 0.65 0.00	30.94 0.83 0.00	36.01 1.11 0.00	34.40 1.17 -0.16	36.98 1.34 0.00	38.65 1.54 0.00	36.52 1.53 0.00	34.59 1.58 -0.06	35.80 1.97 -0.12	34.98 2.08 -0.34	27.57 1.73 -0.01	27.15 1.68 0.00	27.02 1.77 0.00	33.88 2.19 0.00	38.60 2.18 0.00	39.50 1.79 0.00	39.07 1.60 0.00	38.83 1.36 0.00	33.98 1.23 0.00	31.00 1.01 0.00
CE_NYC_DRP 24195	31.56 1.09 0.00	28.90 0.96 0.00	25.80 0.81 0.00	24.63 0.74 0.00	26.56 0.68 0.00	30.95 0.84 0.00	35.97 1.08 0.00	34.38 1.15 -0.16	37.01 1.37 0.00	38.68 1.57 0.00	36.55 1.56 0.00	34.64 1.62 -0.06	35.81 1.98 -0.12	35.01 2.10 -0.34	27.57 1.73 -0.01	27.15 1.69 0.00	27.02 1.76 0.00	33.91 2.22 0.00	38.70 2.28 0.00	39.56 1.85 0.00	39.10 1.63 0.00	38.87 1.40 0.00	33.99 1.23 0.00	31.02 1.03 0.00
CHAFFEE___LFGE 323603	29.67 -0.79 0.00	27.04 -0.90 0.00	24.16 -0.83 0.00	23.01 -0.88 0.00	24.87 -1.01 0.00	28.94 -1.17 0.00	33.37 -1.53 0.00	31.77 -1.31 0.00	33.99 -1.64 0.00	35.60 -1.50 0.00	33.55 -1.43 0.00	31.44 -1.52 0.00	31.94 -1.76 0.00	30.72 -1.84 0.00	24.44 -1.39 0.00	24.32 -1.15 0.00	23.83 -1.42 0.00	29.84 -1.85 0.00	34.03 -2.40 0.00	35.41 -2.30 0.00	35.32 -2.14 0.00	35.76 -1.71 0.00	31.53 -1.22 0.00	29.25 -0.74 0.00
CHATEAUG_35_KV_LOAD 355732	30.75 0.29 0.00	28.27 0.33 0.00	25.26 0.27 0.00	24.19 0.30 0.00	26.37 0.49 0.00	30.67 0.55 0.00	35.72 0.82 0.00	33.93 0.86 0.00	36.55 0.91 0.00	37.85 0.74 0.00	35.83 0.85 0.00	33.65 0.69 0.00	34.08 0.38 0.00	32.70 0.14 0.00	25.86 0.03 0.00	25.52 0.05 0.00	25.29 0.04 0.00	31.89 0.19 0.00	36.66 0.24 0.00	38.25 0.54 0.00	38.17 0.70 0.00	38.18 0.71 0.00	33.39 0.64 0.00	30.65 0.66 0.00
CHATEAUG_WT_PWR 323614	30.72 0.25 0.00	28.24 0.30 0.00	25.24 0.25 0.00	24.18 0.28 0.00	26.34 0.45 0.00	30.62 0.51 0.00	35.65 0.75 0.00	33.85 0.78 0.00	36.48 0.84 0.00	37.84 0.73 0.00	35.82 0.84 0.00	33.65 0.69 0.00	34.10 0.39 0.00	32.73 0.17 0.00	25.89 0.06 0.00	25.55 0.08 0.00	25.31 0.06 0.00	31.92 0.22 0.00	36.69 0.26 0.00	38.18 0.47 0.00	38.06 0.59 0.00	38.07 0.60 0.00	33.29 0.53 0.00	30.56 0.57 0.00
CHAT_HIGH_FALL_HYD 323578	30.75 0.29 0.00	28.27 0.33 0.00	25.26 0.27 0.00	24.19 0.30 0.00	26.37 0.49 0.00	30.67 0.55 0.00	35.72 0.82 0.00	33.93 0.86 0.00	36.55 0.91 0.00	37.85 0.74 0.00	35.83 0.85 0.00	33.65 0.69 0.00	34.08 0.38 0.00	32.70 0.14 0.00	25.86 0.03 0.00	25.52 0.05 0.00	25.29 0.04 0.00	31.89 0.19 0.00	36.66 0.24 0.00	38.25 0.54 0.00	38.17 0.70 0.00	38.18 0.71 0.00	33.39 0.64 0.00	30.65 0.66 0.00
CHAUTAUQUA___LFGE 323629	29.79 -0.67 0.00	27.18 -0.76 0.00	24.21 -0.78 0.00	23.17 -0.72 0.00	25.04 -0.84 0.00	29.14 -0.98 0.00	33.66 -1.24 0.00	32.08 -0.99 0.00	34.18 -1.46 0.00	35.84 -1.27 0.00	33.67 -1.31 0.00	31.44 -1.52 0.00	31.96 -1.75 0.00	30.78 -1.78 0.00	24.56 -1.27 0.00	24.46 -1.01 0.00	23.99 -1.26 0.00	30.21 -1.48 0.00	34.49 -1.93 0.00	35.93 -1.77 0.00	35.75 -1.72 0.00	36.16 -1.32 0.00	31.77 -0.99 0.00	29.41 -0.57 0.00
CHERRYST_13_KV_LD 356241	31.64 1.17 0.00	28.96 1.02 0.00	25.87 0.88 0.00	24.70 0.80 0.00	26.63 0.75 0.00	31.04 0.92 0.00	36.08 1.19 0.00	34.49 1.26 -0.16	37.14 1.51 0.00	38.83 1.72 0.00	36.69 1.71 0.00	34.78 1.76 -0.06	35.95 2.13 -0.12	35.14 2.24 -0.34	27.68 1.84 -0.01	27.26 1.79 0.00	27.12 1.87 0.00	34.04 2.35 0.00	38.83 2.41 0.00	39.68 1.98 0.00	39.21 1.74 0.00	38.98 1.51 0.00	34.08 1.33 0.00	31.09 1.10 0.00

CHESTROR_138KV_BK263 355645	31.07 0.60 0.00	28.48 0.54 0.00	25.45 0.46 0.00	24.30 0.41 0.00	26.24 0.36 0.00	30.55 0.44 0.00	35.45 0.55 0.00	33.76 0.57 -0.12	36.33 0.69 0.00	37.91 0.81 0.00	35.74 0.76 0.00	33.81 0.81 -0.04	34.89 1.09 -0.09	33.99 1.18 -0.25	26.79 0.95 -0.01	26.39 0.92 0.00	26.28 1.03 0.00	33.01 1.33 0.00	37.84 1.41 0.00	38.86 1.15 0.00	38.46 0.99 0.00	38.31 0.84 0.00	33.47 0.72 0.00	30.57 0.58 0.00
CH_MIDHUDSON___DRP 24192	31.34 0.87 0.00	28.74 0.80 0.00	25.69 0.70 0.00	24.53 0.63 0.00	26.47 0.59 0.00	30.82 0.71 0.00	35.73 0.84 0.00	34.04 0.86 -0.11	36.70 1.06 0.00	38.29 1.18 0.00	36.13 1.15 0.00	34.20 1.20 -0.04	35.29 1.50 -0.09	34.38 1.57 -0.25	27.12 1.28 -0.01	26.73 1.26 0.00	26.62 1.36 0.00	33.43 1.74 0.00	38.29 1.87 0.00	39.29 1.59 0.00	38.89 1.42 0.00	38.69 1.22 0.00	33.77 1.02 0.00	30.83 0.84 0.00
CH_MISC_IPPS 23765	31.49 1.02 0.00	28.86 0.92 0.00	25.79 0.80 0.00	24.62 0.73 0.00	26.57 0.69 0.00	30.95 0.83 0.00	35.91 1.01 0.00	34.24 1.04 -0.12	36.88 1.24 0.00	38.48 1.37 0.00	36.29 1.31 0.00	34.37 1.36 -0.05	35.48 1.68 -0.09	34.55 1.72 -0.26	27.23 1.39 -0.01	26.85 1.38 0.00	26.73 1.48 0.00	33.61 1.92 0.00	38.51 2.08 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.90 1.43 0.00	33.94 1.19 0.00	30.98 0.99 0.00
CH_RES_BVR_FALLS 23983	30.33 -0.13 0.00	27.87 -0.07 0.00	24.98 -0.01 0.00	23.90 0.01 0.00	25.97 0.09 0.00	30.25 0.13 0.00	35.10 0.20 0.00	33.28 0.20 0.00	35.85 0.21 0.00	37.28 0.17 0.00	35.20 0.21 0.00	33.14 0.18 0.00	33.74 0.04 0.00	32.50 -0.06 0.00	25.77 -0.06 0.00	25.36 -0.11 0.00	25.16 -0.09 0.00	31.60 -0.09 0.00	36.33 -0.09 0.00	37.71 0.00 0.00	37.55 0.09 0.00	37.61 0.14 0.00	32.91 0.16 0.00	30.13 0.14 0.00
CH_RES_NIAGARA 23895	29.06 -1.41 0.00	26.47 -1.47 0.00	23.65 -1.34 0.00	22.52 -1.38 0.00	24.33 -1.55 0.00	28.34 -1.77 0.00	32.49 -2.41 0.00	30.76 -2.31 0.00	32.97 -2.66 0.00	34.66 -2.44 0.00	32.75 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.90 -2.66 0.00	23.78 -2.06 0.00	23.66 -1.81 0.00	23.17 -2.08 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.16 -3.31 0.00	34.71 -2.76 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
CH_RES_SYRACUSE 23985	30.17 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.63 -0.27 0.00	25.57 -0.31 0.00	29.76 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.09 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.93 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
CLINTON_WT_PWR 323605	30.72 0.25 0.00	28.24 0.30 0.00	25.24 0.25 0.00	24.18 0.28 0.00	26.34 0.45 0.00	30.62 0.51 0.00	35.65 0.75 0.00	33.85 0.78 0.00	36.48 0.84 0.00	37.84 0.73 0.00	35.82 0.84 0.00	33.65 0.69 0.00	34.10 0.39 0.00	32.73 0.17 0.00	25.89 0.06 0.00	25.55 0.08 0.00	25.31 0.06 0.00	31.92 0.22 0.00	36.69 0.26 0.00	38.18 0.47 0.00	38.06 0.59 0.00	38.07 0.60 0.00	33.29 0.53 0.00	30.56 0.57 0.00
CLINTON___LFGE 323618	31.09 0.63 0.00	28.56 0.62 0.00	25.53 0.54 0.00	24.45 0.56 0.00	26.61 0.73 0.00	30.96 0.84 0.00	36.07 1.17 0.00	34.29 1.22 0.00	36.98 1.34 0.00	38.26 1.16 0.00	36.20 1.22 0.00	33.96 1.01 0.00	34.42 0.71 0.00	33.04 0.48 0.00	26.15 0.32 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.31 0.62 0.00	37.11 0.68 0.00	38.66 0.96 0.00	38.59 1.12 0.00	38.59 1.12 0.00	33.70 0.95 0.00	30.92 0.93 0.00
COBBLENY_34_KV_TB1 80064	29.67 -0.80 0.00	27.03 -0.91 0.00	24.16 -0.83 0.00	23.01 -0.88 0.00	24.87 -1.01 0.00	28.94 -1.17 0.00	33.37 -1.53 0.00	31.78 -1.29 0.00	34.00 -1.64 0.00	35.62 -1.49 0.00	33.55 -1.43 0.00	31.45 -1.51 0.00	31.94 -1.76 0.00	30.71 -1.85 0.00	24.43 -1.40 0.00	24.32 -1.15 0.00	23.83 -1.43 0.00	29.84 -1.85 0.00	34.03 -2.40 0.00	35.41 -2.29 0.00	35.33 -2.13 0.00	35.75 -1.72 0.00	31.53 -1.22 0.00	29.25 -0.74 0.00
COFFEEN___115KV_TB3 355620	31.04 0.57 0.00	28.83 0.89 0.00	26.05 1.06 0.00	24.96 1.06 0.00	27.03 1.15 0.00	31.70 1.59 0.00	36.93 2.03 0.00	35.08 2.01 0.00	37.74 2.10 0.00	39.01 1.90 0.00	36.63 1.65 0.00	34.26 1.30 0.00	34.51 0.80 0.00	32.81 0.25 0.00	25.63 -0.20 0.00	24.93 -0.54 0.00	24.68 -0.57 0.00	30.94 -0.75 0.00	36.42 -0.01 0.00	39.00 1.30 0.00	39.46 1.99 0.00	39.56 2.09 0.00	34.53 1.77 0.00	31.39 1.41 0.00
COLDSPRG_115KV_BK1 355956	30.13 -0.34 0.00	27.48 -0.46 0.00	24.50 -0.49 0.00	23.43 -0.46 0.00	25.33 -0.55 0.00	29.51 -0.60 0.00	34.40 -0.50 0.00	32.88 -0.19 0.00	35.09 -0.55 0.00	36.83 -0.28 0.00	34.58 -0.40 0.00	32.18 -0.78 0.00	32.72 -0.98 0.00	31.52 -1.04 0.00	25.13 -0.70 0.00	25.00 -0.47 0.00	24.34 -0.91 0.00	30.64 -1.05 0.00	35.01 -1.42 0.00	36.45 -1.26 0.00	36.24 -1.23 0.00	36.54 -0.93 0.00	32.04 -0.71 0.00	29.62 -0.37 0.00
COLONIE_LFGE___ 323577	31.20 0.73 0.00	28.66 0.72 0.00	25.69 0.70 0.00	24.54 0.64 0.00	26.52 0.64 0.00	30.87 0.75 0.00	35.74 0.84 0.00	33.55 0.65 0.17	36.50 0.86 0.00	37.95 0.84 0.00	35.69 0.71 0.00	33.58 0.68 0.06	34.35 0.78 0.13	33.05 0.86 0.37	26.53 0.72 0.01	26.17 0.70 0.00	26.00 0.75 0.00	32.67 0.98 0.00	37.59 1.17 0.00	38.84 1.13 0.00	38.53 1.06 0.00	38.40 0.93 0.00	33.50 0.74 0.00	30.64 0.65 0.00
COOPERNY_115KV_TB1 80082	30.92 0.45 0.00	28.34 0.40 0.00	25.33 0.34 0.00	24.18 0.28 0.00	26.13 0.25 0.00	30.41 0.30 0.00	35.28 0.38 0.00	33.55 0.41 -0.07	36.13 0.50 0.00	37.70 0.59 0.00	35.54 0.56 0.00	33.58 0.59 -0.03	34.57 0.81 -0.06	33.52 0.80 -0.16	26.47 0.63 -0.01	26.08 0.61 0.00	25.93 0.68 0.00	32.59 0.90 0.00	37.39 0.97 0.00	38.48 0.77 0.00	38.10 0.63 0.00	38.00 0.53 0.00	33.21 0.45 0.00	30.35 0.36 0.00
COPENHAGEN_WT_PWR 323753	30.47 0.00 0.00	28.41 0.46 0.00	25.73 0.74 0.00	24.67 0.78 0.00	26.71 0.83 0.00	31.34 1.22 0.00	36.47 1.57 0.00	34.63 1.56 0.00	37.25 1.61 0.00	38.49 1.39 0.00	36.15 1.17 0.00	33.87 0.92 0.00	34.11 0.40 0.00	32.49 -0.07 0.00	25.42 -0.41 0.00	24.74 -0.73 0.00	24.46 -0.80 0.00	30.64 -1.05 0.00	35.99 -0.43 0.00	38.49 0.78 0.00	38.83 1.36 0.00	38.97 1.50 0.00	34.05 1.29 0.00	30.95 0.96 0.00
CORNELL_____ 23752	30.59 0.12 0.00	28.00 0.06 0.00	25.02 0.03 0.00	23.92 0.02 0.00	25.89 0.01 0.00	30.14 0.03 0.00	34.96 0.06 0.00	33.22 0.15 0.00	35.66 0.03 0.00	37.15 0.05 0.00	34.89 -0.10 0.00	32.71 -0.25 0.00	33.41 -0.29 0.00	32.33 -0.23 0.00	25.59 -0.24 0.00	25.18 -0.29 0.00	24.92 -0.34 0.00	31.46 -0.23 0.00	36.37 -0.06 0.00	37.84 0.13 0.00	37.59 0.12 0.00	37.59 0.12 0.00	32.83 0.08 0.00	30.05 0.06 0.00

CORONA V_69_KV_TB1 355595	31.75 1.29 0.00	29.05 1.10 0.00	25.88 0.89 0.00	24.68 0.79 0.00	26.67 0.79 0.00	31.12 1.01 0.00	36.06 1.17 0.00	34.47 1.24 -0.16	37.18 1.54 0.00	38.88 1.78 0.00	36.89 1.91 0.00	34.98 1.97 -0.06	36.21 2.39 -0.12	35.26 2.36 -0.34	27.80 1.96 -0.01	27.38 1.91 0.00	27.24 1.98 0.00	34.15 2.46 0.00	39.02 2.59 0.00	39.93 2.23 0.00	39.39 1.92 0.00	39.21 1.74 0.00	34.26 1.51 0.00	31.35 1.36 0.00
CORTLAND_115KV_TB3 80093	30.42 -0.05 0.00	27.86 -0.08 0.00	24.91 -0.08 0.00	23.82 -0.08 0.00	25.77 -0.11 0.00	30.00 -0.11 0.00	34.77 -0.13 0.00	33.04 -0.03 0.00	35.49 -0.15 0.00	36.97 -0.13 0.00	34.80 -0.18 0.00	32.71 -0.25 0.00	33.41 -0.30 0.00	32.30 -0.26 0.00	25.57 -0.26 0.00	25.24 -0.23 0.00	24.94 -0.31 0.00	31.40 -0.29 0.00	36.18 -0.25 0.00	37.59 -0.11 0.00	37.34 -0.12 0.00	37.33 -0.14 0.00	32.61 -0.15 0.00	29.86 -0.13 0.00
COXSACKIE__GT 23611	31.65 1.19 0.00	29.02 1.08 0.00	26.00 1.01 0.00	24.84 0.94 0.00	26.88 1.00 0.00	31.34 1.23 0.00	36.27 1.38 0.00	34.41 1.39 0.05	37.28 1.64 0.00	38.76 1.65 0.00	36.32 1.33 0.00	33.90 0.96 0.02	34.46 0.79 0.04	33.41 0.96 0.11	26.81 0.98 0.00	26.53 1.06 0.00	26.08 0.83 0.00	32.93 1.24 0.00	38.11 1.69 0.00	39.61 1.91 0.00	39.42 1.95 0.00	39.24 1.77 0.00	34.16 1.40 0.00	31.12 1.13 0.00
CPV_VALLEY__CC1 323721	30.86 0.39 0.00	28.30 0.36 0.00	25.29 0.30 0.00	24.15 0.26 0.00	26.08 0.20 0.00	30.35 0.24 0.00	35.22 0.32 0.00	33.52 0.36 -0.10	36.09 0.45 0.00	37.66 0.56 0.00	35.51 0.53 0.00	33.58 0.58 -0.04	34.61 0.83 -0.08	33.69 0.92 -0.21	26.61 0.77 -0.01	26.21 0.73 0.00	26.07 0.82 0.00	32.75 1.06 0.00	37.53 1.11 0.00	38.55 0.85 0.00	38.16 0.69 0.00	38.03 0.56 0.00	33.23 0.47 0.00	30.36 0.37 0.00
CPV_VALLEY__CC2 323722	30.86 0.39 0.00	28.30 0.36 0.00	25.29 0.30 0.00	24.15 0.26 0.00	26.08 0.20 0.00	30.35 0.24 0.00	35.22 0.32 0.00	33.52 0.36 -0.10	36.09 0.45 0.00	37.66 0.56 0.00	35.51 0.53 0.00	33.58 0.58 -0.04	34.61 0.83 -0.08	33.69 0.92 -0.21	26.61 0.77 -0.01	26.21 0.73 0.00	26.07 0.82 0.00	32.75 1.06 0.00	37.53 1.11 0.00	38.55 0.85 0.00	38.16 0.69 0.00	38.03 0.56 0.00	33.23 0.47 0.00	30.36 0.37 0.00
CRESCENT__HYD 24018	31.20 0.73 0.00	28.66 0.72 0.00	25.69 0.70 0.00	24.54 0.64 0.00	26.52 0.64 0.00	30.87 0.75 0.00	35.74 0.84 0.00	33.55 0.65 0.17	36.50 0.86 0.00	37.95 0.84 0.00	35.69 0.71 0.00	33.58 0.68 0.06	34.35 0.78 0.13	33.05 0.86 0.37	26.53 0.72 0.01	26.17 0.70 0.00	26.00 0.75 0.00	32.67 0.98 0.00	37.59 1.17 0.00	38.84 1.13 0.00	38.53 1.06 0.00	38.40 0.93 0.00	33.50 0.74 0.00	30.64 0.65 0.00
CRICKET__VALLEY_CC1 323756	30.93 0.46 0.00	28.40 0.46 0.00	25.44 0.45 0.00	24.29 0.39 0.00	26.22 0.34 0.00	30.49 0.38 0.00	35.28 0.38 0.00	31.60 0.37 1.84	36.18 0.54 0.00	37.77 0.66 0.00	35.60 0.62 0.00	32.94 0.67 0.69	33.23 0.96 1.43	29.62 1.06 4.00	26.58 0.90 0.15	26.36 0.89 0.00	26.25 1.00 0.00	32.97 1.28 0.00	37.75 1.33 0.00	38.77 1.07 0.00	38.38 0.91 0.00	38.16 0.69 0.00	33.28 0.53 0.00	30.42 0.42 0.00
CRICKET__VALLEY_CC2 323757	30.93 0.46 0.00	28.40 0.46 0.00	25.44 0.45 0.00	24.29 0.39 0.00	26.22 0.34 0.00	30.49 0.38 0.00	35.28 0.38 0.00	31.60 0.37 1.84	36.18 0.54 0.00	37.77 0.66 0.00	35.60 0.62 0.00	32.94 0.67 0.69	33.23 0.96 1.43	29.62 1.06 4.00	26.58 0.90 0.15	26.36 0.89 0.00	26.25 1.00 0.00	32.97 1.28 0.00	37.75 1.33 0.00	38.77 1.07 0.00	38.38 0.91 0.00	38.16 0.69 0.00	33.28 0.53 0.00	30.42 0.42 0.00
CRICKET__VALLEY_CC3 323758	30.93 0.46 0.00	28.40 0.46 0.00	25.44 0.45 0.00	24.29 0.39 0.00	26.22 0.34 0.00	30.49 0.38 0.00	35.28 0.38 0.00	31.60 0.37 1.84	36.18 0.54 0.00	37.77 0.66 0.00	35.60 0.62 0.00	32.94 0.67 0.69	33.23 0.96 1.43	29.62 1.06 4.00	26.58 0.90 0.15	26.36 0.89 0.00	26.25 1.00 0.00	32.97 1.28 0.00	37.75 1.33 0.00	38.77 1.07 0.00	38.38 0.91 0.00	38.16 0.69 0.00	33.28 0.53 0.00	30.42 0.42 0.00
CRUCIBLE_METL_DRP 24180	30.18 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.62 -0.27 0.00	25.57 -0.31 0.00	29.75 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.10 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.94 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
DAHOWA__HYDRO 323763	31.98 1.51 0.00	29.32 1.38 0.00	26.27 1.29 0.00	25.10 1.21 0.00	27.15 1.27 0.00	31.61 1.50 0.00	36.70 1.80 0.00	34.62 1.69 0.14	37.56 1.93 0.00	38.98 1.88 0.00	36.51 1.53 0.00	34.20 1.29 0.05	34.98 1.38 0.11	33.68 1.42 0.30	26.93 1.11 0.01	26.63 1.16 0.00	26.45 1.20 0.00	33.42 1.73 0.00	38.56 2.14 0.00	39.96 2.25 0.00	39.62 2.16 0.00	39.45 1.98 0.00	34.36 1.60 0.00	31.40 1.41 0.00
DANC__LFGE 323619	30.25 -0.22 0.00	28.01 0.07 0.00	25.25 0.26 0.00	24.18 0.29 0.00	26.17 0.29 0.00	30.62 0.50 0.00	35.56 0.66 0.00	33.75 0.67 0.00	36.29 0.65 0.00	37.61 0.51 0.00	35.36 0.38 0.00	33.19 0.23 0.00	33.58 -0.12 0.00	32.15 -0.41 0.00	25.28 -0.56 0.00	24.73 -0.74 0.00	24.47 -0.78 0.00	30.69 -1.00 0.00	35.77 -0.66 0.00	37.84 0.13 0.00	37.97 0.50 0.00	38.05 0.58 0.00	33.26 0.50 0.00	30.31 0.32 0.00
DANSKAMMER__1 23586	31.49 1.02 0.00	28.86 0.92 0.00	25.79 0.80 0.00	24.62 0.73 0.00	26.57 0.69 0.00	30.95 0.83 0.00	35.91 1.01 0.00	34.24 1.04 -0.12	36.88 1.24 0.00	38.48 1.37 0.00	36.29 1.31 0.00	34.37 1.36 -0.05	35.48 1.68 -0.09	34.55 1.72 -0.26	27.23 1.39 -0.01	26.85 1.38 0.00	26.73 1.48 0.00	33.61 1.92 0.00	38.51 2.08 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.90 1.43 0.00	33.94 1.19 0.00	30.98 0.99 0.00
DANSKAMMER__2 23589	31.49 1.02 0.00	28.86 0.92 0.00	25.79 0.80 0.00	24.62 0.73 0.00	26.57 0.69 0.00	30.95 0.83 0.00	35.91 1.01 0.00	34.24 1.04 -0.12	36.88 1.24 0.00	38.48 1.37 0.00	36.29 1.31 0.00	34.37 1.36 -0.05	35.48 1.68 -0.09	34.55 1.72 -0.26	27.23 1.39 -0.01	26.85 1.38 0.00	26.73 1.48 0.00	33.61 1.92 0.00	38.51 2.08 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.90 1.43 0.00	33.94 1.19 0.00	30.98 0.99 0.00
DANSKAMMER__3 23590	31.49 1.02 0.00	28.86 0.92 0.00	25.79 0.80 0.00	24.62 0.73 0.00	26.57 0.69 0.00	30.95 0.83 0.00	35.91 1.01 0.00	34.24 1.04 -0.12	36.88 1.24 0.00	38.48 1.37 0.00	36.29 1.31 0.00	34.37 1.36 -0.05	35.48 1.68 -0.09	34.55 1.72 -0.26	27.23 1.39 -0.01	26.85 1.38 0.00	26.73 1.48 0.00	33.61 1.92 0.00	38.51 2.08 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.90 1.43 0.00	33.94 1.19 0.00	30.98 0.99 0.00

DANSKAMMER___4 23591	31.49 1.02 0.00	28.86 0.92 0.00	25.79 0.80 0.00	24.62 0.73 0.00	26.57 0.69 0.00	30.95 0.83 0.00	35.91 1.01 0.00	34.24 1.04 -0.12	36.88 1.24 0.00	38.48 1.37 0.00	36.29 1.31 0.00	34.37 1.36 -0.05	35.48 1.68 -0.09	34.55 1.72 -0.26	27.23 1.39 -0.01	26.85 1.38 0.00	26.73 1.48 0.00	33.61 1.92 0.00	38.51 2.08 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.90 1.43 0.00	33.94 1.19 0.00	30.98 0.99 0.00
DANSKAMMER___DIESEL 23592	31.49 1.02 0.00	28.86 0.92 0.00	25.79 0.80 0.00	24.62 0.73 0.00	26.57 0.69 0.00	30.95 0.84 0.00	35.91 1.01 0.00	34.23 1.04 -0.12	36.87 1.24 0.00	38.47 1.37 0.00	36.29 1.31 0.00	34.37 1.36 -0.05	35.48 1.68 -0.09	34.56 1.73 -0.26	27.23 1.39 -0.01	26.85 1.38 0.00	26.74 1.49 0.00	33.61 1.92 0.00	38.51 2.08 0.00	39.51 1.80 0.00	39.09 1.62 0.00	38.90 1.43 0.00	33.94 1.19 0.00	30.98 0.99 0.00
DARBY___SOLAR 323810	31.79 1.32 0.00	29.15 1.21 0.00	26.13 1.14 0.00	24.96 1.06 0.00	26.99 1.11 0.00	31.42 1.31 0.00	36.46 1.56 0.00	34.37 1.45 0.14	37.30 1.66 0.00	38.71 1.61 0.00	36.27 1.29 0.00	33.99 1.09 0.05	34.79 1.20 0.11	33.49 1.25 0.31	26.79 0.97 0.01	26.48 1.01 0.00	26.30 1.04 0.00	33.22 1.53 0.00	38.33 1.90 0.00	39.70 1.99 0.00	39.37 1.90 0.00	39.20 1.73 0.00	34.16 1.41 0.00	31.23 1.24 0.00
DASHVILLE___HYD 23610	31.16 0.69 0.00	28.57 0.63 0.00	25.53 0.54 0.00	24.37 0.48 0.00	26.31 0.43 0.00	30.65 0.53 0.00	35.56 0.65 0.00	33.83 0.69 -0.07	36.49 0.85 0.00	38.07 0.96 0.00	35.89 0.91 0.00	33.95 0.97 -0.03	35.03 1.28 -0.05	34.01 1.30 -0.15	26.89 1.05 0.00	26.50 1.03 0.00	26.41 1.16 0.00	33.17 1.48 0.00	37.99 1.57 0.00	39.00 1.29 0.00	38.60 1.13 0.00	38.46 0.99 0.00	33.56 0.81 0.00	30.64 0.65 0.00
DELAWARE___LFGE 323621	30.82 0.35 0.00	28.24 0.30 0.00	25.24 0.25 0.00	24.13 0.23 0.00	26.09 0.21 0.00	30.40 0.28 0.00	35.27 0.37 0.00	33.49 0.43 0.00	36.06 0.42 0.00	37.60 0.49 0.00	35.45 0.47 0.00	33.40 0.44 0.00	34.21 0.50 0.00	33.09 0.53 0.00	26.28 0.44 0.00	25.88 0.41 0.00	25.69 0.43 0.00	32.22 0.53 0.00	37.07 0.64 0.00	38.28 0.58 0.00	37.97 0.50 0.00	37.92 0.45 0.00	33.17 0.41 0.00	30.36 0.37 0.00
DERFIELD_115KV_TB7 355931	30.47 0.00 0.00	27.94 0.00 0.00	25.02 0.02 0.00	23.91 0.02 0.00	25.88 0.00 0.00	30.12 0.01 0.00	34.90 0.00 0.00	33.07 -0.01 0.00	35.64 0.00 0.00	37.10 0.00 0.00	34.95 -0.04 0.00	32.93 -0.03 0.00	33.71 0.00 0.00	32.59 0.03 0.00	25.86 0.03 0.00	25.48 0.01 0.00	25.27 0.02 0.00	31.72 0.03 0.00	36.49 0.07 0.00	37.75 0.05 0.00	37.49 0.02 0.00	37.47 0.00 0.00	32.75 -0.01 0.00	29.96 -0.03 0.00
DOGLEVILLE___HYD 23807	31.12 0.65 0.00	28.54 0.60 0.00	25.48 0.49 0.00	24.39 0.50 0.00	26.36 0.48 0.00	30.74 0.63 0.00	35.65 0.75 0.00	33.73 0.66 0.00	36.24 0.60 0.00	37.48 0.37 0.00	34.86 -0.12 0.00	32.78 -0.17 0.00	33.79 0.09 0.00	32.79 0.23 0.00	25.88 0.05 0.00	25.47 0.00 0.00	25.14 -0.11 0.00	31.88 0.19 0.00	37.12 0.69 0.00	38.59 0.89 0.00	38.24 0.77 0.00	38.11 0.64 0.00	33.20 0.45 0.00	30.31 0.32 0.00
DUNKIRK___115KV_TB_200 55889	29.76 -0.71 0.00	27.15 -0.80 0.00	24.19 -0.80 0.00	23.14 -0.75 0.00	25.01 -0.87 0.00	29.09 -1.02 0.00	33.59 -1.31 0.00	32.03 -1.04 0.00	34.12 -1.52 0.00	35.79 -1.31 0.00	33.64 -1.34 0.00	31.41 -1.55 0.00	31.92 -1.78 0.00	30.74 -1.82 0.00	24.53 -1.31 0.00	24.42 -1.05 0.00	23.96 -1.30 0.00	30.16 -1.52 0.00	34.42 -2.00 0.00	35.88 -1.83 0.00	35.69 -1.78 0.00	36.08 -1.39 0.00	31.71 -1.04 0.00	29.37 -0.62 0.00
DUNKIRK___1 23563	29.76 -0.71 0.00	27.15 -0.80 0.00	24.19 -0.80 0.00	23.14 -0.75 0.00	25.01 -0.87 0.00	29.09 -1.02 0.00	33.59 -1.31 0.00	32.03 -1.04 0.00	34.12 -1.52 0.00	35.79 -1.31 0.00	33.64 -1.34 0.00	31.41 -1.55 0.00	31.92 -1.78 0.00	30.74 -1.82 0.00	24.53 -1.31 0.00	24.42 -1.05 0.00	23.96 -1.30 0.00	30.16 -1.52 0.00	34.42 -2.00 0.00	35.88 -1.83 0.00	35.69 -1.78 0.00	36.08 -1.39 0.00	31.71 -1.04 0.00	29.37 -0.62 0.00
DUNKIRK___2 23564	29.76 -0.71 0.00	27.15 -0.80 0.00	24.19 -0.80 0.00	23.14 -0.75 0.00	25.01 -0.87 0.00	29.09 -1.02 0.00	33.59 -1.31 0.00	32.03 -1.04 0.00	34.12 -1.52 0.00	35.79 -1.31 0.00	33.64 -1.34 0.00	31.41 -1.55 0.00	31.92 -1.78 0.00	30.74 -1.82 0.00	24.53 -1.31 0.00	24.42 -1.05 0.00	23.96 -1.30 0.00	30.16 -1.52 0.00	34.42 -2.00 0.00	35.88 -1.83 0.00	35.69 -1.78 0.00	36.08 -1.39 0.00	31.71 -1.04 0.00	29.37 -0.62 0.00
DUNKIRK___3 23565	29.66 -0.81 0.00	27.05 -0.89 0.00	24.12 -0.87 0.00	23.06 -0.84 0.00	24.92 -0.96 0.00	28.98 -1.13 0.00	33.46 -1.44 0.00	31.88 -1.19 0.00	34.01 -1.63 0.00	35.68 -1.43 0.00	33.56 -1.42 0.00	31.35 -1.61 0.00	31.86 -1.84 0.00	30.67 -1.89 0.00	24.46 -1.38 0.00	24.35 -1.12 0.00	23.86 -1.39 0.00	30.00 -1.69 0.00	34.23 -2.20 0.00	35.65 -2.05 0.00	35.48 -1.99 0.00	35.87 -1.60 0.00	31.55 -1.20 0.00	29.24 -0.75 0.00
DUNKIRK___4 23566	29.66 -0.81 0.00	27.05 -0.89 0.00	24.12 -0.87 0.00	23.06 -0.84 0.00	24.92 -0.96 0.00	28.98 -1.13 0.00	33.46 -1.44 0.00	31.88 -1.19 0.00	34.01 -1.63 0.00	35.68 -1.43 0.00	33.56 -1.42 0.00	31.35 -1.61 0.00	31.86 -1.84 0.00	30.67 -1.89 0.00	24.46 -1.38 0.00	24.35 -1.12 0.00	23.86 -1.39 0.00	30.00 -1.69 0.00	34.23 -2.20 0.00	35.65 -2.05 0.00	35.48 -1.99 0.00	35.87 -1.60 0.00	31.55 -1.20 0.00	29.24 -0.75 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.46 0.99 0.00	28.82 0.87 0.00	25.74 0.75 0.00	24.58 0.68 0.00	26.50 0.62 0.00	30.88 0.76 0.00	35.85 0.95 0.00	34.21 0.99 -0.16	36.83 1.19 0.00	38.50 1.39 0.00	36.36 1.38 0.00	34.45 1.43 -0.06	35.61 1.78 -0.12	34.80 1.89 -0.34	27.39 1.55 -0.01	26.98 1.51 0.00	26.85 1.60 0.00	33.71 2.02 0.00	38.52 2.10 0.00	39.44 1.73 0.00	38.99 1.52 0.00	38.79 1.32 0.00	33.90 1.14 0.00	30.94 0.95 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.27 0.80 0.00	28.66 0.71 0.00	25.60 0.61 0.00	24.44 0.55 0.00	26.39 0.51 0.00	30.73 0.61 0.00	35.65 0.76 0.00	33.97 0.79 -0.11	36.58 0.93 0.00	38.17 1.07 0.00	35.99 1.00 0.00	34.06 1.06 -0.04	35.16 1.37 -0.09	34.21 1.41 -0.25	26.98 1.14 -0.01	26.59 1.12 0.00	26.47 1.22 0.00	33.28 1.60 0.00	38.15 1.72 0.00	39.16 1.45 0.00	38.75 1.28 0.00	38.58 1.11 0.00	33.70 0.95 0.00	30.76 0.77 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.56 1.09 0.00	28.94 1.00 0.00	25.86 0.87 0.00	24.65 0.75 0.00	26.55 0.67 0.00	30.98 0.86 0.00	36.04 1.14 0.00	34.41 1.18 -0.16	36.94 1.30 0.00	38.58 1.48 0.00	36.43 1.44 0.00	34.52 1.50 -0.06	35.72 1.90 -0.12	34.90 2.00 -0.34	27.51 1.67 -0.01	27.07 1.60 0.00	26.96 1.70 0.00	33.77 2.08 0.00	38.54 2.11 0.00	39.51 1.80 0.00	39.10 1.63 0.00	38.82 1.35 0.00	33.97 1.21 0.00	30.99 1.00 0.00

E179THST_13_KV_LOAD 356214	31.70 1.23 0.00	29.06 1.12 0.00	25.96 0.96 0.00	24.75 0.85 0.00	26.66 0.77 0.00	31.10 0.98 0.00	36.20 1.31 0.00	34.56 1.33 -0.16	37.11 1.48 0.00	38.77 1.66 0.00	36.61 1.63 0.00	34.69 1.68 -0.06	35.91 2.08 -0.12	35.08 2.17 -0.34	27.64 1.80 -0.01	27.21 1.74 0.00	27.09 1.84 0.00	33.95 2.26 0.00	38.72 2.30 0.00	39.71 2.00 0.00	39.29 1.82 0.00	39.02 1.55 0.00	34.13 1.38 0.00	31.14 1.15 0.00
EAST HAMPTON___GT 23717	31.90 1.44 0.00	29.35 1.41 0.00	26.06 1.07 0.00	24.64 0.75 0.00	26.70 0.82 0.00	31.58 1.46 0.00	36.77 1.87 0.00	35.22 2.00 -0.16	38.17 2.54 0.00	39.88 2.77 0.00	38.26 3.28 0.00	36.34 3.32 -0.06	37.74 3.91 -0.13	36.81 3.90 -0.34	28.89 3.05 -0.01	28.39 2.92 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.21 3.78 0.00	41.41 3.71 0.00	41.13 3.67 0.00	40.97 3.50 0.00	35.72 2.97 0.00	32.34 2.35 0.00
EAST RIVER___6 23660	31.58 1.11 0.00	28.92 0.98 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.58 0.70 0.00	30.97 0.85 0.00	36.01 1.11 0.00	34.44 1.21 -0.16	37.06 1.42 0.00	38.74 1.63 0.00	36.61 1.63 0.00	34.71 1.69 -0.06	35.88 2.05 -0.12	35.08 2.18 -0.34	27.64 1.80 -0.01	27.21 1.74 0.00	27.07 1.82 0.00	33.98 2.29 0.00	38.77 2.35 0.00	39.62 1.91 0.00	39.15 1.68 0.00	38.91 1.44 0.00	34.01 1.26 0.00	31.03 1.04 0.00
EAST RIVER___7 23524	31.58 1.11 0.00	28.92 0.98 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.58 0.70 0.00	30.97 0.85 0.00	36.01 1.11 0.00	34.44 1.21 -0.16	37.06 1.42 0.00	38.74 1.63 0.00	36.61 1.63 0.00	34.71 1.69 -0.06	35.88 2.05 -0.12	35.08 2.18 -0.34	27.64 1.80 -0.01	27.21 1.74 0.00	27.07 1.82 0.00	33.98 2.29 0.00	38.77 2.35 0.00	39.62 1.91 0.00	39.15 1.68 0.00	38.91 1.44 0.00	34.01 1.26 0.00	31.03 1.04 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.39 0.92 0.00	28.77 0.82 0.00	25.69 0.70 0.00	24.53 0.63 0.00	26.46 0.58 0.00	30.83 0.71 0.00	35.78 0.88 0.00	34.14 0.91 -0.15	36.76 1.12 0.00	38.40 1.30 0.00	36.27 1.29 0.00	34.35 1.34 -0.06	35.50 1.68 -0.12	34.68 1.79 -0.34	27.31 1.47 -0.01	26.90 1.43 0.00	26.77 1.52 0.00	33.61 1.92 0.00	38.43 2.01 0.00	39.35 1.65 0.00	38.92 1.45 0.00	38.72 1.25 0.00	33.83 1.08 0.00	30.88 0.89 0.00
EAST_HAMPTON___DIESEL 23722	31.86 1.39 0.00	29.32 1.38 0.00	26.04 1.05 0.00	24.61 0.71 0.00	26.67 0.80 0.00	31.56 1.44 0.00	36.76 1.86 0.00	35.22 1.99 -0.16	38.17 2.53 0.00	39.86 2.76 0.00	38.25 3.26 0.00	36.32 3.30 -0.06	37.72 3.89 -0.13	36.80 3.90 -0.34	28.88 3.03 -0.01	28.37 2.90 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.20 3.78 0.00	41.42 3.71 0.00	41.14 3.67 0.00	40.98 3.51 0.00	35.73 2.97 0.00	32.34 2.35 0.00
EAST_POINT___SOLAR 323840	31.82 1.35 0.00	29.11 1.17 0.00	25.99 1.00 0.00	24.85 0.95 0.00	26.92 1.04 0.00	31.43 1.32 0.00	36.61 1.71 0.00	34.88 1.89 0.08	36.78 1.14 0.00	37.55 0.44 0.00	35.23 0.24 0.00	33.48 0.55 0.03	33.75 0.11 0.06	32.80 0.41 0.18	25.79 -0.03 0.01	25.40 -0.07 0.00	24.99 -0.26 0.00	31.81 0.12 0.00	37.36 0.93 0.00	39.47 1.76 0.00	39.33 1.87 0.00	39.26 1.79 0.00	34.28 1.53 0.00	31.36 1.37 0.00
EAST_PULASKI___ESR 323781	30.06 -0.41 0.00	27.64 -0.30 0.00	24.79 -0.20 0.00	23.71 -0.19 0.00	25.66 -0.22 0.00	29.92 -0.19 0.00	34.67 -0.23 0.00	32.89 -0.18 0.00	35.37 -0.27 0.00	36.76 -0.34 0.00	34.59 -0.39 0.00	32.52 -0.44 0.00	33.10 -0.61 0.00	31.85 -0.71 0.00	25.16 -0.68 0.00	24.73 -0.74 0.00	24.52 -0.74 0.00	30.76 -0.93 0.00	35.56 -0.86 0.00	37.21 -0.50 0.00	37.15 -0.32 0.00	37.17 -0.30 0.00	32.48 -0.27 0.00	29.70 -0.30 0.00
EAST_RIVER___1 323558	31.56 1.09 0.00	28.90 0.95 0.00	25.80 0.81 0.00	24.64 0.74 0.00	26.56 0.68 0.00	30.95 0.84 0.00	35.97 1.08 0.00	34.38 1.15 -0.16	37.01 1.37 0.00	38.68 1.58 0.00	36.55 1.57 0.00	34.64 1.62 -0.06	35.81 1.98 -0.12	35.00 2.10 -0.34	27.57 1.73 -0.01	27.15 1.68 0.00	27.01 1.76 0.00	33.91 2.21 0.00	38.70 2.28 0.00	39.55 1.85 0.00	39.10 1.63 0.00	38.87 1.40 0.00	33.99 1.23 0.00	31.02 1.03 0.00
EAST_RIVER___2 323559	31.58 1.11 0.00	28.92 0.98 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.58 0.70 0.00	30.97 0.85 0.00	36.01 1.11 0.00	34.44 1.21 -0.16	37.06 1.42 0.00	38.74 1.63 0.00	36.61 1.63 0.00	34.71 1.69 -0.06	35.88 2.05 -0.12	35.08 2.18 -0.34	27.64 1.80 -0.01	27.21 1.74 0.00	27.07 1.82 0.00	33.98 2.29 0.00	38.77 2.35 0.00	39.62 1.91 0.00	39.15 1.68 0.00	38.91 1.44 0.00	34.01 1.26 0.00	31.03 1.04 0.00
EAST___DELAWARE_HYD 23607	30.75 0.28 0.00	28.17 0.23 0.00	25.16 0.17 0.00	24.01 0.11 0.00	25.93 0.04 0.00	30.20 0.09 0.00	35.07 0.17 0.00	33.43 0.27 -0.08	36.00 0.37 0.00	37.54 0.44 0.00	35.37 0.38 0.00	33.47 0.48 -0.03	34.39 0.62 -0.07	32.60 -0.15 -0.19	25.72 -0.12 -0.01	25.37 -0.10 0.00	25.30 0.05 0.00	31.89 0.20 0.00	36.64 0.22 0.00	37.69 -0.02 0.00	37.37 -0.10 0.00	38.04 0.57 0.00	33.19 0.44 0.00	30.28 0.29 0.00
EIGHT_POINT___WT_PWR 323820	30.41 -0.06 0.00	28.00 0.06 0.00	25.11 0.12 0.00	24.11 0.21 0.00	26.14 0.25 0.00	30.53 0.41 0.00	35.54 0.65 0.00	33.87 0.80 0.00	36.27 0.63 0.00	37.67 0.57 0.00	35.22 0.24 0.00	31.93 -1.03 0.00	32.05 -1.65 0.00	30.88 -1.68 0.00	24.78 -1.05 0.00	24.19 -1.29 0.00	23.89 -1.36 0.00	29.95 -1.74 0.00	34.51 -1.92 0.00	36.28 -1.42 0.00	35.94 -1.53 0.00	36.12 -1.36 0.00	31.56 -1.19 0.00	29.00 -0.99 0.00
ELBRIDGE_115KV_TB2 80188	30.03 -0.44 0.00	27.51 -0.43 0.00	24.60 -0.40 0.00	23.50 -0.40 0.00	25.44 -0.44 0.00	29.60 -0.51 0.00	34.26 -0.64 0.00	32.48 -0.59 0.00	34.90 -0.74 0.00	36.40 -0.71 0.00	34.24 -0.74 0.00	32.21 -0.75 0.00	32.93 -0.78 0.00	31.81 -0.75 0.00	25.21 -0.61 0.00	24.89 -0.59 0.00	24.63 -0.62 0.00	30.96 -0.72 0.00	35.61 -0.82 0.00	36.91 -0.80 0.00	36.67 -0.80 0.00	36.73 -0.74 0.00	32.06 -0.69 0.00	29.38 -0.61 0.00
ELEC_TRO_TEK 24086	31.58 1.12 0.00	28.89 0.95 0.00	25.76 0.77 0.00	24.57 0.67 0.00	26.52 0.64 0.00	30.96 0.85 0.00	35.88 0.98 0.00	34.30 1.07 -0.16	36.99 1.35 0.00	38.68 1.58 0.00	36.71 1.73 0.00	34.80 1.79 -0.06	36.02 2.20 -0.12	35.08 2.17 -0.34	27.63 1.78 -0.01	27.21 1.74 0.00	27.06 1.81 0.00	33.92 2.23 0.00	38.75 2.32 0.00	39.64 1.94 0.00	39.11 1.64 0.00	38.93 1.46 0.00	34.05 1.30 0.00	31.15 1.16 0.00
ELLENBURG_WT_PWR 323604	30.72 0.25 0.00	28.24 0.30 0.00	25.24 0.25 0.00	24.18 0.28 0.00	26.34 0.45 0.00	30.62 0.51 0.00	35.65 0.75 0.00	33.85 0.78 0.00	36.48 0.84 0.00	37.84 0.73 0.00	35.82 0.84 0.00	33.65 0.69 0.00	34.10 0.39 0.00	32.73 0.17 0.00	25.89 0.06 0.00	25.55 0.08 0.00	25.31 0.06 0.00	31.92 0.22 0.00	36.69 0.26 0.00	38.18 0.47 0.00	38.06 0.59 0.00	38.07 0.60 0.00	33.29 0.53 0.00	30.56 0.57 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.57 -0.89 0.00	26.94 -1.00 0.00	24.07 -0.92 0.00	22.94 -0.96 0.00	24.79 -1.09 0.00	28.83 -1.29 0.00	33.21 -1.69 0.00	31.56 -1.51 0.00	33.78 -1.85 0.00	35.42 -1.68 0.00	33.41 -1.57 0.00	31.30 -1.66 0.00	31.77 -1.94 0.00	30.52 -2.04 0.00	24.29 -1.55 0.00	24.17 -1.30 0.00	23.68 -1.57 0.00	29.61 -2.07 0.00	33.77 -2.65 0.00	35.13 -2.58 0.00	35.07 -2.40 0.00	35.52 -1.95 0.00	31.38 -1.37 0.00	29.16 -0.84 0.00
EMPIRE_CC_1 323656	30.97 0.50 0.00	28.45 0.51 0.00	25.51 0.52 0.00	24.37 0.48 0.00	26.33 0.45 0.00	30.63 0.51 0.00	35.33 0.43 0.00	32.99 0.14 0.22	35.98 0.34 0.00	37.44 0.33 0.00	35.26 0.27 0.00	33.20 0.33 0.08	33.98 0.44 0.17	32.62 0.54 0.48	26.29 0.48 0.02	25.91 0.44 0.00	25.76 0.50 0.00	32.28 0.59 0.00	37.10 0.67 0.00	38.27 0.57 0.00	37.97 0.51 0.00	37.86 0.39 0.00	33.04 0.29 0.00	30.23 0.24 0.00
EMPIRE_CC_2 323658	30.97 0.50 0.00	28.45 0.51 0.00	25.51 0.52 0.00	24.37 0.48 0.00	26.33 0.45 0.00	30.63 0.51 0.00	35.33 0.43 0.00	32.99 0.14 0.22	35.98 0.34 0.00	37.44 0.33 0.00	35.26 0.27 0.00	33.20 0.33 0.08	33.98 0.44 0.17	32.62 0.54 0.48	26.29 0.48 0.02	25.91 0.44 0.00	25.76 0.50 0.00	32.28 0.59 0.00	37.10 0.67 0.00	38.27 0.57 0.00	37.97 0.51 0.00	37.86 0.39 0.00	33.04 0.29 0.00	30.23 0.24 0.00
ENORWICH_115KV_TB1 80156	32.39 1.92 0.00	29.58 1.64 0.00	26.38 1.40 0.00	25.31 1.41 0.00	27.39 1.50 0.00	32.11 1.99 0.00	37.44 2.54 0.00	35.67 2.58 -0.03	38.13 2.49 0.00	39.85 2.74 0.00	37.43 2.45 0.00	35.25 2.28 -0.01	35.93 2.21 -0.02	33.52 0.93 -0.03	26.37 0.54 0.00	25.77 0.30 0.00	25.47 0.22 0.00	32.21 0.51 0.00	37.48 1.06 0.00	39.06 1.35 0.00	38.82 1.35 0.00	38.62 1.15 0.00	33.94 1.19 0.00	31.17 1.18 0.00
ERIE_ST__34_KV_TB1-2 80199	29.69 -0.78 0.00	27.04 -0.90 0.00	24.16 -0.83 0.00	23.03 -0.87 0.00	24.90 -0.99 0.00	28.95 -1.16 0.00	33.40 -1.49 0.00	31.81 -1.26 0.00	34.04 -1.60 0.00	35.70 -1.40 0.00	33.66 -1.32 0.00	31.50 -1.46 0.00	32.02 -1.69 0.00	30.76 -1.80 0.00	24.48 -1.35 0.00	24.35 -1.12 0.00	23.85 -1.40 0.00	29.85 -1.84 0.00	34.06 -2.36 0.00	35.45 -2.25 0.00	35.36 -2.11 0.00	35.76 -1.71 0.00	31.50 -1.26 0.00	29.22 -0.77 0.00
ERIE_WT_PWR 323693	29.67 -0.80 0.00	27.04 -0.90 0.00	24.15 -0.84 0.00	23.02 -0.88 0.00	24.87 -1.02 0.00	28.93 -1.18 0.00	33.34 -1.56 0.00	31.72 -1.35 0.00	33.95 -1.69 0.00	35.55 -1.56 0.00	33.48 -1.51 0.00	31.39 -1.57 0.00	31.86 -1.84 0.00	30.62 -1.94 0.00	24.38 -1.46 0.00	24.25 -1.22 0.00	23.76 -1.50 0.00	29.74 -1.95 0.00	33.93 -2.49 0.00	35.32 -2.39 0.00	35.26 -2.21 0.00	35.70 -1.78 0.00	31.50 -1.25 0.00	29.25 -0.74 0.00
ESPRGFLD_115KV_TB1 80157	31.27 0.80 0.00	28.61 0.67 0.00	25.51 0.52 0.00	24.41 0.51 0.00	26.44 0.56 0.00	30.85 0.74 0.00	35.89 0.99 0.00	34.19 1.18 0.05	36.65 1.01 0.00	38.05 0.95 0.00	35.85 0.87 0.00	33.82 0.88 0.02	34.46 0.79 0.04	33.05 0.60 0.11	26.21 0.38 0.00	25.73 0.26 0.00	25.54 0.29 0.00	31.98 0.29 0.00	36.98 0.56 0.00	38.55 0.84 0.00	38.32 0.86 0.00	38.33 0.86 0.00	33.55 0.80 0.00	30.77 0.78 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.54 0.07 0.00	27.96 0.02 0.00	24.99 0.00 0.00	23.88 -0.01 0.00	25.85 -0.03 0.00	30.10 -0.02 0.00	34.90 0.00 0.00	33.16 0.09 0.00	35.60 -0.04 0.00	37.10 -0.01 0.00	34.83 -0.15 0.00	32.68 -0.28 0.00	33.39 -0.31 0.00	32.30 -0.26 0.00	25.57 -0.26 0.00	25.18 -0.29 0.00	24.91 -0.35 0.00	31.44 -0.25 0.00	36.32 -0.11 0.00	37.77 0.06 0.00	37.52 0.05 0.00	37.52 0.05 0.00	32.77 0.02 0.00	30.01 0.02 0.00
ETNA_____115KV_TB2 80207	30.54 0.07 0.00	27.96 0.02 0.00	24.99 0.00 0.00	23.88 -0.01 0.00	25.85 -0.03 0.00	30.10 -0.02 0.00	34.90 0.00 0.00	33.16 0.09 0.00	35.60 -0.04 0.00	37.10 -0.01 0.00	34.83 -0.15 0.00	32.68 -0.28 0.00	33.39 -0.31 0.00	32.30 -0.26 0.00	25.57 -0.26 0.00	25.18 -0.29 0.00	24.91 -0.35 0.00	31.44 -0.25 0.00	36.32 -0.11 0.00	37.77 0.06 0.00	37.52 0.05 0.00	37.52 0.05 0.00	32.77 0.02 0.00	30.01 0.02 0.00
EUCLID___115KV_TB2 356179	29.88 -0.59 0.00	27.37 -0.57 0.00	24.48 -0.51 0.00	23.40 -0.50 0.00	25.32 -0.56 0.00	29.45 -0.66 0.00	34.06 -0.84 0.00	32.29 -0.78 0.00	34.73 -0.91 0.00	36.19 -0.91 0.00	34.11 -0.87 0.00	32.12 -0.84 0.00	32.82 -0.88 0.00	31.71 -0.86 0.00	25.14 -0.69 0.00	24.79 -0.68 0.00	24.53 -0.72 0.00	30.80 -0.88 0.00	35.43 -1.00 0.00	36.74 -0.96 0.00	36.50 -0.97 0.00	36.53 -0.94 0.00	31.94 -0.82 0.00	29.26 -0.73 0.00
E_CANADA_CAP_HY 24051	31.49 1.02 0.00	28.82 0.88 0.00	25.72 0.73 0.00	24.60 0.71 0.00	26.66 0.78 0.00	31.12 1.01 0.00	36.20 1.30 0.00	34.46 1.47 0.07	36.84 1.20 0.00	38.01 0.90 0.00	35.66 0.68 0.00	33.67 0.73 0.03	34.25 0.61 0.06	32.86 0.46 0.16	26.08 0.26 0.01	25.59 0.12 0.00	25.38 0.12 0.00	31.86 0.17 0.00	37.02 0.59 0.00	38.85 1.14 0.00	38.68 1.21 0.00	38.69 1.22 0.00	33.86 1.11 0.00	31.04 1.05 0.00
E_CANADA_MHWK_HY 24050	31.12 0.65 0.00	28.54 0.60 0.00	25.48 0.49 0.00	24.40 0.50 0.00	26.36 0.48 0.00	30.74 0.63 0.00	35.65 0.75 0.00	33.74 0.66 0.00	36.24 0.60 0.00	37.48 0.37 0.00	34.86 -0.12 0.00	32.78 -0.17 0.00	33.79 0.09 0.00	32.79 0.23 0.00	25.88 0.05 0.00	25.47 0.00 0.00	25.14 -0.11 0.00	31.88 0.19 0.00	37.12 0.69 0.00	38.59 0.89 0.00	38.24 0.77 0.00	38.11 0.64 0.00	33.20 0.45 0.00	30.31 0.32 0.00
E_FISHKILL___LBMP 23776	31.23 0.76 0.00	28.63 0.69 0.00	25.60 0.61 0.00	24.45 0.55 0.00	26.38 0.50 0.00	30.71 0.60 0.00	35.61 0.71 0.00	33.97 0.72 -0.17	36.56 0.92 0.00	38.17 1.06 0.00	36.02 1.04 0.00	34.12 1.10 -0.06	35.24 1.40 -0.13	34.44 1.50 -0.38	27.08 1.24 -0.01	26.68 1.21 0.00	26.56 1.30 0.00	33.33 1.64 0.00	38.14 1.72 0.00	39.12 1.41 0.00	38.70 1.23 0.00	38.51 1.04 0.00	33.63 0.87 0.00	30.71 0.72 0.00
FALCON___SEABRD_CC1 323796	31.04 0.57 0.00	28.52 0.58 0.00	25.51 0.52 0.00	24.43 0.53 0.00	26.56 0.68 0.00	30.90 0.79 0.00	36.00 1.10 0.00	34.20 1.13 0.00	36.89 1.25 0.00	38.21 1.10 0.00	36.16 1.18 0.00	33.95 0.99 0.00	34.46 0.75 0.00	33.09 0.53 0.00	26.17 0.34 0.00	25.84 0.37 0.00	25.63 0.37 0.00	32.29 0.60 0.00	37.06 0.64 0.00	38.56 0.85 0.00	38.48 1.01 0.00	38.45 0.98 0.00	33.59 0.84 0.00	30.85 0.86 0.00
FALCON___SEABRD_CC2 323797	31.04 0.57 0.00	28.52 0.58 0.00	25.51 0.52 0.00	24.43 0.53 0.00	26.56 0.68 0.00	30.90 0.79 0.00	36.00 1.10 0.00	34.20 1.13 0.00	36.89 1.25 0.00	38.21 1.10 0.00	36.16 1.18 0.00	33.95 0.99 0.00	34.46 0.75 0.00	33.09 0.53 0.00	26.17 0.34 0.00	25.84 0.37 0.00	25.63 0.37 0.00	32.29 0.60 0.00	37.06 0.64 0.00	38.56 0.85 0.00	38.48 1.01 0.00	38.45 0.98 0.00	33.59 0.84 0.00	30.85 0.86 0.00

FAR ROCKAWAY___4 23548	32.00 1.53 0.00	29.26 1.32 0.00	26.06 1.08 0.00	24.85 0.96 0.00	26.85 0.97 0.00	31.35 1.23 0.00	36.33 1.44 0.00	34.75 1.52 -0.16	37.48 1.84 0.00	39.21 2.11 0.00	37.22 2.23 0.00	35.30 2.29 -0.06	36.56 2.73 -0.12	35.59 2.68 -0.34	28.09 2.25 -0.01	27.65 2.18 0.00	27.51 2.26 0.00	34.50 2.81 0.00	39.44 3.02 0.00	40.35 2.64 0.00	39.80 2.33 0.00	39.58 2.11 0.00	34.58 1.83 0.00	31.62 1.63 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	31.58 1.11 0.00	28.91 0.97 0.00	25.81 0.82 0.00	24.65 0.75 0.00	26.57 0.69 0.00	30.97 0.85 0.00	35.99 1.09 0.00	34.38 1.15 -0.16	37.01 1.38 0.00	38.68 1.57 0.00	36.55 1.56 0.00	34.63 1.62 -0.06	35.81 1.98 -0.12	35.00 2.10 -0.34	27.57 1.73 -0.01	27.15 1.69 0.00	27.02 1.76 0.00	33.91 2.22 0.00	38.71 2.28 0.00	39.57 1.87 0.00	39.10 1.63 0.00	38.88 1.41 0.00	34.00 1.24 0.00	31.02 1.03 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	31.58 1.11 0.00	28.92 0.97 0.00	25.82 0.83 0.00	24.65 0.75 0.00	26.57 0.69 0.00	30.97 0.85 0.00	35.99 1.09 0.00	34.38 1.15 -0.16	37.01 1.38 0.00	38.67 1.56 0.00	36.53 1.55 0.00	34.62 1.61 -0.06	35.80 1.98 -0.12	35.00 2.09 -0.34	27.57 1.73 -0.01	27.15 1.69 0.00	27.01 1.76 0.00	33.91 2.22 0.00	38.71 2.29 0.00	39.58 1.87 0.00	39.11 1.64 0.00	38.89 1.42 0.00	34.01 1.26 0.00	31.02 1.03 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	31.55 1.08 0.00	28.90 0.96 0.00	25.80 0.81 0.00	24.63 0.74 0.00	26.55 0.67 0.00	30.95 0.84 0.00	35.97 1.08 0.00	34.36 1.13 -0.16	37.00 1.36 0.00	38.65 1.55 0.00	36.52 1.54 0.00	34.62 1.60 -0.06	35.78 1.95 -0.12	34.98 2.08 -0.34	27.56 1.71 -0.01	27.13 1.66 0.00	27.00 1.75 0.00	33.89 2.20 0.00	38.68 2.25 0.00	39.54 1.83 0.00	39.07 1.60 0.00	38.85 1.38 0.00	33.98 1.22 0.00	30.99 1.00 0.00
FARRAGUT___LBMP 323566	31.53 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.93 0.81 0.00	35.94 1.04 0.00	34.33 1.10 -0.16	36.96 1.32 0.00	38.62 1.51 0.00	36.48 1.50 0.00	34.58 1.57 -0.06	35.74 1.92 -0.12	34.94 2.04 -0.34	27.53 1.69 -0.01	27.11 1.64 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.64 2.22 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
FENNER___WINDPWR 24204	30.74 0.27 0.00	28.20 0.26 0.00	25.22 0.23 0.00	24.13 0.24 0.00	26.14 0.26 0.00	30.46 0.35 0.00	35.35 0.45 0.00	33.52 0.45 0.00	36.05 0.41 0.00	37.44 0.34 0.00	35.21 0.23 0.00	33.21 0.25 0.00	33.84 0.13 0.00	32.64 0.07 0.00	25.83 0.00 0.00	25.47 0.00 0.00	25.19 -0.06 0.00	31.71 0.02 0.00	36.60 0.17 0.00	38.10 0.39 0.00	37.89 0.42 0.00	37.87 0.40 0.00	33.06 0.31 0.00	30.22 0.23 0.00
FIBERTEK___ENERGY 23856	30.18 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.62 -0.27 0.00	25.57 -0.31 0.00	29.75 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.10 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.94 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
FITZPATRICK___ 23598	29.50 -0.97 0.00	27.04 -0.90 0.00	24.18 -0.81 0.00	23.12 -0.78 0.00	25.02 -0.86 0.00	29.10 -1.02 0.00	33.63 -1.27 0.00	31.86 -1.21 0.00	34.28 -1.36 0.00	35.71 -1.39 0.00	33.65 -1.33 0.00	31.69 -1.27 0.00	32.38 -1.32 0.00	31.29 -1.27 0.00	24.81 -1.02 0.00	24.48 -0.99 0.00	24.24 -1.02 0.00	30.42 -1.27 0.00	34.99 -1.44 0.00	36.26 -1.44 0.00	36.03 -1.44 0.00	36.06 -1.41 0.00	31.53 -1.23 0.00	28.90 -1.09 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.55 1.08 0.00	28.92 0.97 0.00	25.84 0.85 0.00	24.67 0.77 0.00	26.62 0.74 0.00	31.01 0.90 0.00	35.98 1.08 0.00	34.30 1.11 -0.13	36.95 1.31 0.00	38.56 1.45 0.00	36.38 1.39 0.00	34.45 1.45 -0.05	35.57 1.77 -0.10	34.65 1.82 -0.28	27.30 1.46 -0.01	26.92 1.45 0.00	26.80 1.55 0.00	33.70 2.01 0.00	38.61 2.18 0.00	39.61 1.90 0.00	39.18 1.71 0.00	38.99 1.51 0.00	34.02 1.27 0.00	31.04 1.05 0.00
FORT ORANGE___ 23900	30.77 0.30 0.00	28.24 0.30 0.00	25.31 0.32 0.00	24.18 0.29 0.00	26.15 0.27 0.00	30.44 0.33 0.00	35.14 0.24 0.00	33.08 0.11 0.10	35.93 0.29 0.00	37.41 0.31 0.00	35.19 0.21 0.00	33.11 0.19 0.04	33.87 0.25 0.08	32.70 0.37 0.23	26.22 0.40 0.01	25.88 0.40 0.00	25.62 0.37 0.00	32.15 0.46 0.00	37.03 0.61 0.00	38.26 0.55 0.00	37.96 0.49 0.00	37.84 0.37 0.00	33.01 0.26 0.00	30.16 0.17 0.00
FORT_DRUM_COGEN 23780	30.84 0.37 0.00	28.67 0.73 0.00	25.92 0.93 0.00	24.83 0.94 0.00	26.90 1.02 0.00	31.55 1.43 0.00	36.73 1.83 0.00	34.88 1.81 0.00	37.51 1.88 0.00	38.78 1.67 0.00	36.40 1.42 0.00	34.10 1.14 0.00	34.33 0.63 0.00	32.69 0.13 0.00	25.59 -0.24 0.00	24.93 -0.54 0.00	24.64 -0.61 0.00	30.91 -0.78 0.00	36.30 -0.12 0.00	38.79 1.09 0.00	39.16 1.70 0.00	39.27 1.80 0.00	34.32 1.56 0.00	31.21 1.22 0.00
FOX_HILLS___ESR 323835	31.56 1.10 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.65 0.75 0.00	26.54 0.66 0.00	30.97 0.85 0.00	36.00 1.10 0.00	34.35 1.13 -0.16	36.83 1.20 0.00	38.51 1.40 0.00	36.39 1.41 0.00	34.44 1.43 -0.06	35.70 1.88 -0.12	34.92 2.01 -0.34	27.55 1.71 -0.01	27.14 1.67 0.00	27.03 1.78 0.00	33.87 2.17 0.00	38.52 2.10 0.00	39.38 1.68 0.00	38.97 1.50 0.00	38.68 1.20 0.00	34.00 1.25 0.00	31.05 1.06 0.00
FPL_FAR_ROCK_GT1 24212	32.00 1.53 0.00	29.26 1.32 0.00	26.06 1.07 0.00	24.85 0.96 0.00	26.85 0.97 0.00	31.35 1.23 0.00	36.33 1.44 0.00	34.75 1.53 -0.16	37.48 1.84 0.00	39.21 2.11 0.00	37.22 2.23 0.00	35.30 2.29 -0.06	36.56 2.73 -0.13	35.58 2.67 -0.34	28.09 2.25 -0.01	27.65 2.18 0.00	27.51 2.26 0.00	34.50 2.81 0.00	39.45 3.02 0.00	40.35 2.65 0.00	39.80 2.33 0.00	39.57 2.10 0.00	34.58 1.83 0.00	31.62 1.63 0.00
FPL_FAR_ROCK_GT2 23815	32.00 1.53 0.00	29.26 1.32 0.00	26.06 1.07 0.00	24.85 0.96 0.00	26.85 0.97 0.00	31.35 1.23 0.00	36.33 1.44 0.00	34.75 1.53 -0.16	37.48 1.84 0.00	39.21 2.11 0.00	37.22 2.23 0.00	35.30 2.29 -0.06	36.56 2.73 -0.13	35.58 2.67 -0.34	28.09 2.25 -0.01	27.65 2.18 0.00	27.51 2.26 0.00	34.50 2.81 0.00	39.45 3.02 0.00	40.35 2.65 0.00	39.80 2.33 0.00	39.57 2.10 0.00	34.58 1.83 0.00	31.62 1.63 0.00
FRANKLIN_FALL_HYD 24054	31.08 0.62 0.00	28.61 0.67 0.00	25.55 0.56 0.00	24.48 0.58 0.00	26.68 0.80 0.00	31.08 0.96 0.00	36.21 1.31 0.00	34.44 1.37 0.00	37.14 1.50 0.00	38.42 1.31 0.00	36.47 1.49 0.00	34.23 1.27 0.00	34.53 0.82 0.00	33.11 0.55 0.00	26.13 0.30 0.00	25.76 0.29 0.00	25.47 0.21 0.00	32.10 0.41 0.00	37.00 0.57 0.00	38.71 1.00 0.00	38.66 1.19 0.00	38.72 1.25 0.00	33.85 1.09 0.00	31.07 1.08 0.00

GILBOA____ 23599	30.81 0.34 0.00	28.26 0.32 0.00	25.29 0.29 0.00	24.15 0.26 0.00	26.11 0.23 0.00	30.39 0.28 0.00	35.21 0.31 0.00	33.39 0.29 -0.02	36.02 0.38 0.00	37.53 0.43 0.00	35.37 0.38 0.00	33.37 0.40 -0.01	34.26 0.54 -0.02	33.21 0.59 -0.05	26.34 0.50 0.00	25.96 0.49 0.00	25.78 0.52 0.00	32.29 0.61 0.00	37.08 0.66 0.00	38.23 0.53 0.00	37.93 0.46 0.00	37.90 0.43 0.00	33.11 0.36 0.00	30.28 0.29 0.00
GINNA____ 23603	28.75 -1.72 0.00	26.24 -1.70 0.00	23.45 -1.54 0.00	22.37 -1.52 0.00	24.21 -1.67 0.00	28.19 -1.93 0.00	32.60 -2.30 0.00	30.90 -2.18 0.00	33.20 -2.44 0.00	34.67 -2.43 0.00	32.71 -2.27 0.00	30.76 -2.20 0.00	31.33 -2.38 0.00	30.16 -2.40 0.00	23.92 -1.91 0.00	23.68 -1.79 0.00	23.37 -1.89 0.00	29.30 -2.39 0.00	33.63 -2.79 0.00	34.92 -2.79 0.00	34.76 -2.71 0.00	34.94 -2.53 0.00	30.64 -2.12 0.00	28.20 -1.80 0.00
GLEN PARK____ 23778	30.99 0.52 0.00	28.80 0.86 0.00	26.02 1.03 0.00	24.93 1.03 0.00	27.00 1.12 0.00	31.67 1.56 0.00	36.88 1.98 0.00	35.03 1.96 0.00	37.68 2.04 0.00	38.94 1.83 0.00	36.57 1.59 0.00	34.22 1.26 0.00	34.46 0.76 0.00	32.78 0.21 0.00	25.62 -0.22 0.00	24.93 -0.54 0.00	24.67 -0.59 0.00	30.92 -0.77 0.00	36.38 -0.04 0.00	38.95 1.24 0.00	39.38 1.91 0.00	39.49 2.02 0.00	34.48 1.73 0.00	31.34 1.35 0.00
GLENDALE_27_KV_LOAD 356172	31.69 1.22 0.00	29.03 1.09 0.00	25.92 0.93 0.00	24.75 0.86 0.00	26.64 0.76 0.00	31.08 0.97 0.00	36.17 1.27 0.00	34.55 1.33 -0.16	37.15 1.51 0.00	38.83 1.72 0.00	36.69 1.71 0.00	34.77 1.75 -0.06	35.97 2.15 -0.12	35.15 2.25 -0.34	27.71 1.87 -0.01	27.29 1.82 0.00	27.16 1.90 0.00	34.05 2.36 0.00	38.81 2.39 0.00	39.71 2.00 0.00	39.27 1.80 0.00	39.02 1.55 0.00	34.15 1.40 0.00	31.15 1.16 0.00
GLENWOOD_IC_1_G5 23712	31.66 1.19 0.00	28.98 1.04 0.00	25.85 0.85 0.00	24.66 0.76 0.00	26.62 0.74 0.00	31.05 0.94 0.00	36.00 1.10 0.00	34.40 1.18 -0.16	37.09 1.46 0.00	38.79 1.68 0.00	36.78 1.80 0.00	34.88 1.86 -0.06	36.08 2.25 -0.12	35.18 2.27 -0.34	27.71 1.87 -0.01	27.29 1.82 0.00	27.13 1.88 0.00	34.05 2.36 0.00	38.90 2.47 0.00	39.79 2.09 0.00	39.29 1.82 0.00	39.09 1.62 0.00	34.14 1.38 0.00	31.19 1.20 0.00
GLENWOOD_IC_2_G1 23688	31.54 1.07 0.00	28.88 0.94 0.00	25.77 0.78 0.00	24.60 0.70 0.00	26.54 0.66 0.00	30.95 0.83 0.00	35.90 1.00 0.00	34.29 1.06 -0.16	36.94 1.31 0.00	38.61 1.51 0.00	36.58 1.59 0.00	34.65 1.64 -0.06	35.85 2.01 -0.13	34.97 2.07 -0.34	27.54 1.69 -0.01	27.13 1.65 0.00	26.98 1.73 0.00	33.86 2.17 0.00	38.69 2.27 0.00	39.60 1.89 0.00	39.12 1.65 0.00	38.92 1.45 0.00	34.00 1.25 0.00	31.06 1.07 0.00
GLENWOOD_IC_3_G1 23689	31.54 1.07 0.00	28.88 0.94 0.00	25.77 0.78 0.00	24.60 0.70 0.00	26.54 0.66 0.00	30.95 0.83 0.00	35.90 1.00 0.00	34.29 1.06 -0.16	36.94 1.31 0.00	38.61 1.51 0.00	36.58 1.59 0.00	34.65 1.64 -0.06	35.85 2.01 -0.13	34.97 2.07 -0.34	27.54 1.69 -0.01	27.13 1.65 0.00	26.98 1.73 0.00	33.86 2.17 0.00	38.69 2.27 0.00	39.60 1.89 0.00	39.12 1.65 0.00	38.92 1.45 0.00	34.00 1.25 0.00	31.06 1.07 0.00
GLENWOOD____4 23550	31.66 1.19 0.00	28.98 1.04 0.00	25.85 0.85 0.00	24.66 0.76 0.00	26.62 0.74 0.00	31.05 0.94 0.00	36.00 1.10 0.00	34.40 1.18 -0.16	37.09 1.46 0.00	38.79 1.68 0.00	36.78 1.80 0.00	34.88 1.86 -0.06	36.08 2.25 -0.12	35.18 2.27 -0.34	27.71 1.87 -0.01	27.29 1.82 0.00	27.13 1.88 0.00	34.05 2.36 0.00	38.90 2.47 0.00	39.79 2.09 0.00	39.29 1.82 0.00	39.09 1.62 0.00	34.14 1.38 0.00	31.19 1.20 0.00
GLENWOOD____5 23614	31.66 1.19 0.00	28.98 1.04 0.00	25.85 0.85 0.00	24.66 0.76 0.00	26.62 0.74 0.00	31.05 0.94 0.00	36.00 1.10 0.00	34.40 1.18 -0.16	37.09 1.46 0.00	38.79 1.68 0.00	36.78 1.80 0.00	34.88 1.86 -0.06	36.08 2.25 -0.12	35.18 2.27 -0.34	27.71 1.87 -0.01	27.29 1.82 0.00	27.13 1.88 0.00	34.05 2.36 0.00	38.90 2.47 0.00	39.79 2.09 0.00	39.29 1.82 0.00	39.09 1.62 0.00	34.14 1.38 0.00	31.19 1.20 0.00
GLOBAL GREEN_PORT_GT1 23814	32.00 1.53 0.00	29.37 1.43 0.00	26.08 1.09 0.00	24.70 0.81 0.00	26.75 0.87 0.00	31.56 1.44 0.00	36.71 1.81 0.00	35.18 1.95 -0.16	38.11 2.47 0.00	39.84 2.73 0.00	38.18 3.19 0.00	36.28 3.27 -0.06	37.67 3.84 -0.13	36.72 3.82 -0.34	28.87 3.03 -0.01	28.43 2.96 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.26 3.83 0.00	41.39 3.69 0.00	40.97 3.51 0.00	40.79 3.32 0.00	35.58 2.82 0.00	32.26 2.27 0.00
GLOBE____DSASP 323697	29.01 -1.47 0.00	26.42 -1.52 0.00	23.61 -1.38 0.00	22.47 -1.42 0.00	24.29 -1.60 0.00	28.30 -1.81 0.00	32.43 -2.47 0.00	30.70 -2.37 0.00	32.91 -2.73 0.00	34.60 -2.51 0.00	32.68 -2.30 0.00	30.68 -2.28 0.00	31.11 -2.60 0.00	29.84 -2.72 0.00	23.72 -2.11 0.00	23.62 -1.86 0.00	23.13 -2.12 0.00	28.83 -2.86 0.00	32.81 -3.61 0.00	34.10 -3.61 0.00	34.09 -3.38 0.00	34.64 -2.83 0.00	30.71 -2.04 0.00	28.61 -1.38 0.00
GOETHSLN____LBMP 323567	31.46 0.99 0.00	28.80 0.86 0.00	25.71 0.72 0.00	24.55 0.65 0.00	26.47 0.59 0.00	30.84 0.73 0.00	35.83 0.93 0.00	34.22 0.99 -0.16	36.82 1.18 0.00	38.47 1.36 0.00	36.34 1.36 0.00	34.45 1.43 -0.06	35.60 1.78 -0.12	34.82 1.92 -0.34	27.44 1.60 -0.01	27.02 1.55 0.00	26.89 1.64 0.00	33.75 2.06 0.00	38.52 2.10 0.00	39.35 1.65 0.00	38.89 1.42 0.00	38.65 1.18 0.00	33.81 1.06 0.00	30.86 0.87 0.00
GOLAH____69_KV_TB 1_2 80279	30.27 -0.20 0.00	27.63 -0.31 0.00	24.66 -0.33 0.00	23.51 -0.39 0.00	25.40 -0.48 0.00	29.59 -0.53 0.00	34.20 -0.70 0.00	32.41 -0.67 0.00	34.75 -0.89 0.00	36.29 -0.81 0.00	34.15 -0.83 0.00	32.10 -0.86 0.00	32.69 -1.02 0.00	31.44 -1.12 0.00	24.97 -0.87 0.00	24.75 -0.72 0.00	24.36 -0.89 0.00	30.51 -1.18 0.00	34.93 -1.49 0.00	36.42 -1.28 0.00	36.34 -1.13 0.00	36.61 -0.86 0.00	32.16 -0.60 0.00	29.69 -0.30 0.00
GOODYEAR_LAKE_HYD 323669	31.06 0.59 0.00	28.43 0.48 0.00	25.39 0.40 0.00	24.27 0.38 0.00	26.27 0.39 0.00	30.62 0.51 0.00	35.58 0.68 0.00	33.85 0.78 0.00	36.38 0.74 0.00	37.91 0.80 0.00	35.76 0.77 0.00	33.71 0.75 0.00	34.47 0.77 0.00	33.26 0.69 0.00	26.35 0.52 0.00	25.93 0.46 0.00	25.73 0.48 0.00	32.25 0.56 0.00	37.18 0.76 0.00	38.48 0.77 0.00	38.20 0.73 0.00	38.15 0.68 0.00	33.37 0.62 0.00	30.56 0.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.16 -0.31 0.00	27.62 -0.33 0.00	24.68 -0.31 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.72 -0.39 0.00	34.45 -0.45 0.00	32.81 -0.26 0.00	35.15 -0.48 0.00	36.76 -0.34 0.00	34.62 -0.36 0.00	32.47 -0.49 0.00	33.20 -0.51 0.00	32.12 -0.44 0.00	25.50 -0.33 0.00	25.20 -0.27 0.00	24.88 -0.37 0.00	31.32 -0.37 0.00	35.95 -0.48 0.00	37.29 -0.41 0.00	36.96 -0.51 0.00	36.99 -0.48 0.00	32.31 -0.44 0.00	29.63 -0.36 0.00

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GOWANUS_GT4_5 24134	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00
GOWANUS_GT4_6 24135	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00
GOWANUS_GT4_7 24136	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00
GOWANUS_GT4_8 24137	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00
GREATVR_69_KV_BK1 356245	32.09 1.62 0.00	29.31 1.37 0.00	26.07 1.08 0.00	24.81 0.92 0.00	26.81 0.93 0.00	31.36 1.25 0.00	36.27 1.37 0.00	34.74 1.52 -0.16	37.49 1.85 0.00	39.26 2.15 0.00	37.49 2.51 0.00	35.61 2.60 -0.06	36.92 3.10 -0.12	36.03 3.12 -0.34	28.26 2.42 -0.01	27.89 2.41 0.00	27.72 2.47 0.00	34.77 3.08 0.00	39.63 3.20 0.00	40.56 2.85 0.00	39.92 2.45 0.00	39.74 2.27 0.00	34.77 2.01 0.00	31.77 1.78 0.00
GREENBSH_115KV_TB3 55895	30.62 0.15 0.00	28.11 0.17 0.00	25.19 0.20 0.00	24.08 0.18 0.00	26.03 0.15 0.00	30.30 0.18 0.00	34.96 0.06 0.00	32.87 -0.08 0.11	35.73 0.09 0.00	37.21 0.10 0.00	35.03 0.05 0.00	32.99 0.07 0.04	33.79 0.17 0.09	32.61 0.30 0.24	26.14 0.32 0.01	25.77 0.30 0.00	25.56 0.30 0.00	32.07 0.37 0.00	36.87 0.44 0.00	38.04 0.33 0.00	37.73 0.26 0.00	37.61 0.14 0.00	32.82 0.06 0.00	30.00 0.01 0.00
GREENDGE_115KV_TB5 80291	30.38 -0.08 0.00	27.82 -0.13 0.00	24.87 -0.12 0.00	23.79 -0.10 0.00	25.77 -0.11 0.00	30.02 -0.09 0.00	34.85 -0.04 0.00	33.21 0.14 0.00	35.56 -0.07 0.00	37.09 -0.01 0.00	34.81 -0.18 0.00	32.40 -0.56 0.00	32.83 -0.87 0.00	31.63 -0.93 0.00	25.13 -0.70 0.00	24.83 -0.64 0.00	24.52 -0.73 0.00	30.91 -0.78 0.00	35.62 -0.80 0.00	37.16 -0.55 0.00	36.88 -0.59 0.00	36.97 -0.50 0.00	32.31 -0.45 0.00	29.63 -0.36 0.00
GREENIDGE___3 23582	30.38 -0.08 0.00	27.82 -0.13 0.00	24.87 -0.12 0.00	23.79 -0.10 0.00	25.77 -0.11 0.00	30.02 -0.09 0.00	34.85 -0.04 0.00	33.21 0.14 0.00	35.56 -0.07 0.00	37.09 -0.01 0.00	34.81 -0.18 0.00	32.40 -0.56 0.00	32.83 -0.87 0.00	31.63 -0.93 0.00	25.13 -0.70 0.00	24.83 -0.64 0.00	24.52 -0.73 0.00	30.91 -0.78 0.00	35.62 -0.80 0.00	37.16 -0.55 0.00	36.88 -0.59 0.00	36.97 -0.50 0.00	32.31 -0.45 0.00	29.63 -0.36 0.00
GREENIDGE___4 23583	30.38 -0.08 0.00	27.82 -0.12 0.00	24.87 -0.12 0.00	23.79 -0.10 0.00	25.77 -0.11 0.00	30.02 -0.09 0.00	34.85 -0.04 0.00	33.21 0.14 0.00	35.57 -0.07 0.00	37.09 -0.02 0.00	34.81 -0.18 0.00	32.39 -0.57 0.00	32.83 -0.87 0.00	31.63 -0.93 0.00	25.14 -0.69 0.00	24.83 -0.64 0.00	24.53 -0.72 0.00	30.91 -0.78 0.00	35.62 -0.80 0.00	37.16 -0.55 0.00	36.88 -0.59 0.00	36.98 -0.49 0.00	32.30 -0.45 0.00	29.63 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	31.60 1.13 0.00	28.90 0.96 0.00	25.74 0.75 0.00	24.52 0.62 0.00	26.49 0.60 0.00	30.93 0.82 0.00	35.86 0.97 0.00	34.30 1.07 -0.16	37.02 1.38 0.00	38.72 1.62 0.00	36.83 1.85 0.00	34.96 1.95 -0.06	36.23 2.40 -0.12	35.26 2.35 -0.34	27.72 1.88 -0.01	27.30 1.83 0.00	27.11 1.85 0.00	33.96 2.27 0.00	38.76 2.34 0.00	39.64 1.94 0.00	39.05 1.58 0.00	38.89 1.42 0.00	34.08 1.33 0.00	31.19 1.20 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00
GRISSOM___SOLAR 323813	31.69 1.22 0.00	29.03 1.09 0.00	25.93 0.94 0.00	24.78 0.88 0.00	26.82 0.94 0.00	31.29 1.17 0.00	36.40 1.51 0.00	34.62 1.63 0.08	37.04 1.40 0.00	37.85 0.75 0.00	35.21 0.23 0.00	33.25 0.32 0.03	34.11 0.47 0.07	32.61 0.23 0.19	25.90 0.07 0.01	25.38 -0.09 0.00	25.15 -0.11 0.00	31.70 0.01 0.00	37.31 0.89 0.00	39.31 1.60 0.00	39.12 1.65 0.00	39.04 1.57 0.00	34.09 1.33 0.00	31.18 1.19 0.00
GROVEVILLE___HYD 323602	31.55 1.08 0.00	28.92 0.97 0.00	25.84 0.85 0.00	24.67 0.77 0.00	26.62 0.74 0.00	31.01 0.90 0.00	35.98 1.08 0.00	34.30 1.11 -0.13	36.95 1.31 0.00	38.56 1.45 0.00	36.38 1.39 0.00	34.45 1.45 -0.05	35.57 1.77 -0.10	34.65 1.82 -0.28	27.30 1.46 -0.01	26.92 1.45 0.00	26.80 1.55 0.00	33.70 2.01 0.00	38.61 2.18 0.00	39.61 1.90 0.00	39.18 1.71 0.00	38.99 1.51 0.00	34.02 1.27 0.00	31.04 1.05 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.18 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.62 -0.27 0.00	25.57 -0.31 0.00	29.75 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.10 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.94 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
HAMLTNNY_34_KV_TB 80303	30.25 -0.22 0.00	27.68 -0.27 0.00	24.75 -0.24 0.00	23.64 -0.25 0.00	25.59 -0.29 0.00	29.77 -0.35 0.00	34.45 -0.44 0.00	32.68 -0.40 0.00	35.11 -0.53 0.00	36.62 -0.48 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.10 -0.60 0.00	31.98 -0.59 0.00	25.32 -0.51 0.00	25.01 -0.46 0.00	24.74 -0.52 0.00	31.08 -0.61 0.00	35.75 -0.67 0.00	37.07 -0.63 0.00	36.85 -0.62 0.00	36.91 -0.56 0.00	32.27 -0.49 0.00	29.59 -0.40 0.00

HAMPSHIRE___PAPER_HYD 323593	30.85 0.39 0.00	28.61 0.66 0.00	25.71 0.72 0.00	24.62 0.72 0.00	26.75 0.87 0.00	31.27 1.16 0.00	36.40 1.50 0.00	34.57 1.50 0.00	37.22 1.58 0.00	38.46 1.36 0.00	36.32 1.34 0.00	34.09 1.14 0.00	34.28 0.57 0.00	32.76 0.20 0.00	25.75 -0.08 0.00	25.19 -0.28 0.00	24.88 -0.37 0.00	31.26 -0.43 0.00	36.31 -0.11 0.00	38.39 0.68 0.00	38.54 1.07 0.00	38.72 1.25 0.00	33.89 1.14 0.00	31.05 1.06 0.00
HARDSCRABBLE_WT_PWR 323673	31.01 0.55 0.00	28.45 0.51 0.00	25.37 0.38 0.00	24.31 0.41 0.00	26.27 0.39 0.00	30.65 0.54 0.00	35.54 0.64 0.00	33.64 0.57 0.00	36.16 0.52 0.00	37.45 0.34 0.00	34.91 -0.08 0.00	32.83 -0.12 0.00	33.79 0.08 0.00	32.74 0.18 0.00	25.84 0.01 0.00	25.44 -0.03 0.00	25.13 -0.13 0.00	31.76 0.07 0.00	36.87 0.45 0.00	38.34 0.63 0.00	37.98 0.51 0.00	37.88 0.41 0.00	33.04 0.29 0.00	30.20 0.21 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.34 0.87 0.00	28.72 0.78 0.00	25.65 0.66 0.00	24.49 0.59 0.00	26.44 0.56 0.00	30.79 0.67 0.00	35.74 0.84 0.00	34.07 0.88 -0.12	36.68 1.04 0.00	38.29 1.18 0.00	36.13 1.15 0.00	34.20 1.19 -0.05	35.32 1.53 -0.09	34.43 1.61 -0.26	27.14 1.30 -0.01	26.75 1.28 0.00	26.65 1.40 0.00	33.49 1.80 0.00	38.35 1.93 0.00	39.34 1.64 0.00	38.91 1.45 0.00	38.73 1.26 0.00	33.83 1.07 0.00	30.88 0.89 0.00
HARSNRAD_115KV_TB1 81005	29.46 -1.01 0.00	26.84 -1.10 0.00	23.98 -1.01 0.00	22.83 -1.06 0.00	24.68 -1.20 0.00	28.68 -1.44 0.00	32.92 -1.98 0.00	31.10 -1.97 0.00	33.31 -2.33 0.00	35.04 -2.07 0.00	33.06 -1.93 0.00	31.03 -1.93 0.00	31.44 -2.26 0.00	30.19 -2.37 0.00	24.02 -1.81 0.00	23.90 -1.57 0.00	23.42 -1.84 0.00	29.20 -2.49 0.00	33.29 -3.14 0.00	34.66 -3.04 0.00	34.67 -2.80 0.00	35.18 -2.29 0.00	31.15 -1.60 0.00	29.06 -0.93 0.00
HARZA MOOSE___RIVER 24016	30.81 0.35 0.00	28.50 0.56 0.00	25.65 0.66 0.00	24.54 0.64 0.00	26.56 0.68 0.00	31.07 0.96 0.00	36.12 1.22 0.00	34.27 1.20 0.00	36.90 1.26 0.00	38.25 1.14 0.00	35.93 0.95 0.00	33.81 0.85 0.00	34.23 0.52 0.00	32.82 0.26 0.00	25.94 0.11 0.00	25.39 -0.08 0.00	25.11 -0.14 0.00	31.56 -0.14 0.00	36.65 0.23 0.00	38.53 0.82 0.00	38.58 1.11 0.00	38.64 1.17 0.00	33.78 1.03 0.00	30.79 0.80 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	29.98 -0.49 0.00	27.46 -0.48 0.00	24.56 -0.43 0.00	23.47 -0.43 0.00	25.39 -0.49 0.00	29.54 -0.57 0.00	34.19 -0.71 0.00	32.41 -0.66 0.00	34.86 -0.78 0.00	36.33 -0.78 0.00	34.25 -0.74 0.00	32.24 -0.71 0.00	32.94 -0.76 0.00	31.83 -0.74 0.00	25.23 -0.60 0.00	24.88 -0.60 0.00	24.61 -0.65 0.00	30.90 -0.79 0.00	35.54 -0.88 0.00	36.87 -0.84 0.00	36.61 -0.85 0.00	36.67 -0.80 0.00	32.05 -0.71 0.00	29.35 -0.64 0.00
HELLGATE_13_KV_LD 55870	31.72 1.25 0.00	29.05 1.11 0.00	25.95 0.96 0.00	24.78 0.88 0.00	26.67 0.79 0.00	31.11 1.00 0.00	36.21 1.31 0.00	34.61 1.38 -0.16	37.20 1.56 0.00	38.88 1.77 0.00	36.73 1.75 0.00	34.80 1.79 -0.06	36.02 2.19 -0.12	35.20 2.30 -0.34	27.73 1.89 -0.01	27.30 1.83 0.00	27.17 1.92 0.00	34.07 2.37 0.00	38.81 2.39 0.00	39.73 2.02 0.00	39.30 1.83 0.00	39.05 1.58 0.00	34.17 1.41 0.00	31.17 1.18 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	31.72 1.25 0.00	29.05 1.11 0.00	25.95 0.96 0.00	24.78 0.88 0.00	26.67 0.79 0.00	31.11 1.00 0.00	36.21 1.31 0.00	34.61 1.38 -0.16	37.20 1.56 0.00	38.88 1.77 0.00	36.73 1.75 0.00	34.80 1.79 -0.06	36.02 2.19 -0.12	35.20 2.30 -0.34	27.73 1.89 -0.01	27.30 1.83 0.00	27.17 1.92 0.00	34.07 2.37 0.00	38.81 2.39 0.00	39.73 2.02 0.00	39.30 1.83 0.00	39.05 1.58 0.00	34.17 1.41 0.00	31.17 1.18 0.00
HEMPSTEAD____ 23647	31.56 1.09 0.00	28.86 0.92 0.00	25.73 0.74 0.00	24.52 0.63 0.00	26.49 0.60 0.00	30.91 0.80 0.00	35.81 0.91 0.00	34.25 1.02 -0.16	36.94 1.30 0.00	38.63 1.52 0.00	36.68 1.69 0.00	34.78 1.77 -0.06	36.03 2.19 -0.13	35.06 2.16 -0.34	27.62 1.77 -0.01	27.21 1.74 0.00	27.06 1.81 0.00	33.92 2.23 0.00	38.75 2.32 0.00	39.62 1.91 0.00	39.09 1.62 0.00	38.89 1.42 0.00	34.02 1.27 0.00	31.11 1.12 0.00
HICKLING___1 23621	29.87 -0.60 0.00	27.32 -0.62 0.00	24.43 -0.56 0.00	23.41 -0.48 0.00	25.33 -0.55 0.00	29.45 -0.66 0.00	34.17 -0.73 0.00	32.69 -0.38 0.00	34.87 -0.77 0.00	36.40 -0.70 0.00	34.21 -0.77 0.00	31.87 -1.09 0.00	32.49 -1.22 0.00	31.39 -1.18 0.00	24.95 -0.88 0.00	24.80 -0.67 0.00	24.43 -0.82 0.00	30.81 -0.88 0.00	35.38 -1.05 0.00	36.86 -0.84 0.00	36.47 -1.00 0.00	36.56 -0.91 0.00	31.91 -0.84 0.00	29.32 -0.67 0.00
HICKLING___2 23622	29.87 -0.60 0.00	27.32 -0.62 0.00	24.43 -0.56 0.00	23.41 -0.48 0.00	25.33 -0.55 0.00	29.45 -0.66 0.00	34.17 -0.73 0.00	32.69 -0.38 0.00	34.87 -0.77 0.00	36.40 -0.70 0.00	34.21 -0.77 0.00	31.87 -1.09 0.00	32.49 -1.22 0.00	31.39 -1.18 0.00	24.95 -0.88 0.00	24.80 -0.67 0.00	24.43 -0.82 0.00	30.81 -0.88 0.00	35.38 -1.05 0.00	36.86 -0.84 0.00	36.47 -1.00 0.00	36.56 -0.91 0.00	31.91 -0.84 0.00	29.32 -0.67 0.00
HIGH FALLS___HY 23754	31.45 0.98 0.00	28.80 0.85 0.00	25.71 0.72 0.00	24.53 0.63 0.00	26.49 0.60 0.00	30.85 0.73 0.00	35.83 0.94 0.00	34.16 1.02 -0.07	36.82 1.18 0.00	38.43 1.32 0.00	36.24 1.25 0.00	34.25 1.27 -0.03	35.39 1.63 -0.06	34.10 1.37 -0.17	26.96 1.12 -0.01	26.54 1.07 0.00	26.51 1.26 0.00	33.41 1.72 0.00	38.31 1.89 0.00	39.34 1.63 0.00	38.93 1.46 0.00	38.94 1.46 0.00	33.97 1.22 0.00	30.99 1.00 0.00
HIGH_RIVER___SOLAR 323847	31.32 0.85 0.00	28.70 0.76 0.00	25.67 0.68 0.00	24.54 0.64 0.00	26.55 0.67 0.00	30.93 0.81 0.00	35.89 0.99 0.00	34.00 1.02 0.09	36.54 0.90 0.00	37.76 0.65 0.00	35.20 0.21 0.00	33.09 0.17 0.03	34.02 0.38 0.07	32.61 0.25 0.20	25.99 0.17 0.01	25.47 0.00 0.00	25.38 0.12 0.00	32.04 0.35 0.00	37.28 0.86 0.00	38.88 1.17 0.00	38.64 1.17 0.00	38.56 1.09 0.00	33.66 0.91 0.00	30.80 0.81 0.00
HILLBURN___GT 23639	31.28 0.81 0.00	28.66 0.72 0.00	25.60 0.61 0.00	24.43 0.54 0.00	26.37 0.49 0.00	30.72 0.61 0.00	35.67 0.78 0.00	34.02 0.82 -0.13	36.62 0.98 0.00	38.25 1.15 0.00	36.09 1.10 0.00	34.15 1.14 -0.05	35.29 1.48 -0.10	34.44 1.59 -0.28	27.16 1.32 -0.01	26.76 1.29 0.00	26.64 1.39 0.00	33.48 1.79 0.00	38.31 1.88 0.00	39.24 1.54 0.00	38.80 1.33 0.00	38.62 1.15 0.00	33.75 1.00 0.00	30.82 0.83 0.00
HILLSIDE_115KV_TB1 80332	29.50 -0.97 0.00	27.00 -0.94 0.00	24.13 -0.86 0.00	23.12 -0.78 0.00	25.01 -0.87 0.00	29.09 -1.03 0.00	33.73 -1.17 0.00	32.29 -0.78 0.00	34.43 -1.21 0.00	36.07 -1.04 0.00	33.92 -1.06 0.00	31.62 -1.33 0.00	32.30 -1.41 0.00	31.25 -1.31 0.00	24.83 -1.01 0.00	24.64 -0.83 0.00	24.25 -1.01 0.00	30.60 -1.10 0.00	35.06 -1.37 0.00	36.50 -1.21 0.00	36.07 -1.39 0.00	36.16 -1.31 0.00	31.53 -1.23 0.00	28.96 -1.03 0.00

HISHELDN_WT_PWR 323625	29.45 -1.02 0.00	26.89 -1.05 0.00	24.04 -0.95 0.00	22.94 -0.95 0.00	24.80 -1.08 0.00	28.84 -1.28 0.00	33.26 -1.64 0.00	31.70 -1.37 0.00	33.88 -1.76 0.00	35.23 -1.88 0.00	33.08 -1.90 0.00	30.96 -2.00 0.00	31.45 -2.25 0.00	30.26 -2.30 0.00	24.11 -1.72 0.00	24.01 -1.46 0.00	23.63 -1.63 0.00	29.57 -2.12 0.00	33.87 -2.56 0.00	35.32 -2.38 0.00	35.21 -2.26 0.00	35.60 -1.87 0.00	31.35 -1.40 0.00	29.04 -0.95 0.00
HOLTSVILLE_IC_1 23690	31.60 1.13 0.00	28.89 0.95 0.00	25.71 0.72 0.00	24.47 0.57 0.00	26.44 0.56 0.00	30.93 0.82 0.00	35.83 0.93 0.00	34.31 1.08 -0.16	37.02 1.38 0.00	38.74 1.63 0.00	36.94 1.96 0.00	35.08 2.07 -0.06	36.36 2.53 -0.13	35.39 2.49 -0.34	27.84 1.99 -0.01	27.44 1.96 0.00	27.24 1.99 0.00	34.17 2.48 0.00	38.95 2.52 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.09 1.62 0.00	34.23 1.48 0.00	31.29 1.30 0.00
HOLTSVILLE_IC_10 23699	31.74 1.27 0.00	29.00 1.06 0.00	25.80 0.81 0.00	24.55 0.65 0.00	26.53 0.65 0.00	31.05 0.94 0.00	35.98 1.08 0.00	34.46 1.23 -0.16	37.20 1.56 0.00	38.93 1.82 0.00	37.14 2.16 0.00	35.28 2.26 -0.06	36.58 2.75 -0.13	35.61 2.71 -0.34	28.02 2.17 -0.01	27.61 2.15 0.00	27.42 2.17 0.00	34.40 2.71 0.00	39.21 2.79 0.00	40.14 2.44 0.00	39.52 2.05 0.00	39.32 1.85 0.00	34.41 1.66 0.00	31.44 1.45 0.00
HOLTSVILLE_IC_2 23691	31.60 1.13 0.00	28.89 0.95 0.00	25.71 0.72 0.00	24.47 0.57 0.00	26.44 0.56 0.00	30.93 0.82 0.00	35.83 0.93 0.00	34.31 1.08 -0.16	37.02 1.38 0.00	38.74 1.63 0.00	36.94 1.96 0.00	35.08 2.07 -0.06	36.36 2.53 -0.13	35.39 2.49 -0.34	27.84 1.99 -0.01	27.44 1.96 0.00	27.24 1.99 0.00	34.17 2.48 0.00	38.95 2.52 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.09 1.62 0.00	34.23 1.48 0.00	31.29 1.30 0.00
HOLTSVILLE_IC_3 23692	31.60 1.13 0.00	28.89 0.95 0.00	25.71 0.72 0.00	24.47 0.57 0.00	26.44 0.56 0.00	30.93 0.82 0.00	35.83 0.93 0.00	34.31 1.08 -0.16	37.02 1.38 0.00	38.74 1.63 0.00	36.94 1.96 0.00	35.08 2.07 -0.06	36.36 2.53 -0.13	35.39 2.49 -0.34	27.84 1.99 -0.01	27.44 1.96 0.00	27.24 1.99 0.00	34.17 2.48 0.00	38.95 2.52 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.09 1.62 0.00	34.23 1.48 0.00	31.29 1.30 0.00
HOLTSVILLE_IC_4 23693	31.60 1.13 0.00	28.89 0.95 0.00	25.71 0.72 0.00	24.47 0.57 0.00	26.44 0.56 0.00	30.93 0.82 0.00	35.83 0.93 0.00	34.31 1.08 -0.16	37.02 1.38 0.00	38.74 1.63 0.00	36.94 1.96 0.00	35.08 2.07 -0.06	36.36 2.53 -0.13	35.39 2.49 -0.34	27.84 1.99 -0.01	27.44 1.96 0.00	27.24 1.99 0.00	34.17 2.48 0.00	38.95 2.52 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.09 1.62 0.00	34.23 1.48 0.00	31.29 1.30 0.00
HOLTSVILLE_IC_5 23694	31.60 1.13 0.00	28.89 0.95 0.00	25.71 0.72 0.00	24.47 0.57 0.00	26.44 0.56 0.00	30.93 0.82 0.00	35.83 0.93 0.00	34.31 1.08 -0.16	37.02 1.38 0.00	38.74 1.63 0.00	36.94 1.96 0.00	35.08 2.07 -0.06	36.36 2.53 -0.13	35.39 2.49 -0.34	27.84 1.99 -0.01	27.44 1.96 0.00	27.24 1.99 0.00	34.17 2.48 0.00	38.95 2.52 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.09 1.62 0.00	34.23 1.48 0.00	31.29 1.30 0.00
HOLTSVILLE_IC_6 23695	31.74 1.27 0.00	29.00 1.06 0.00	25.80 0.81 0.00	24.55 0.65 0.00	26.53 0.65 0.00	31.05 0.94 0.00	35.98 1.08 0.00	34.46 1.23 -0.16	37.20 1.56 0.00	38.93 1.82 0.00	37.14 2.16 0.00	35.28 2.26 -0.06	36.58 2.75 -0.13	35.61 2.71 -0.34	28.02 2.17 -0.01	27.61 2.15 0.00	27.42 2.17 0.00	34.40 2.71 0.00	39.21 2.79 0.00	40.14 2.44 0.00	39.52 2.05 0.00	39.32 1.85 0.00	34.41 1.66 0.00	31.44 1.45 0.00
HOLTSVILLE_IC_7 23696	31.74 1.27 0.00	29.00 1.06 0.00	25.80 0.81 0.00	24.55 0.65 0.00	26.53 0.65 0.00	31.05 0.94 0.00	35.98 1.08 0.00	34.46 1.23 -0.16	37.20 1.56 0.00	38.93 1.82 0.00	37.14 2.16 0.00	35.28 2.26 -0.06	36.58 2.75 -0.13	35.61 2.71 -0.34	28.02 2.17 -0.01	27.61 2.15 0.00	27.42 2.17 0.00	34.40 2.71 0.00	39.21 2.79 0.00	40.14 2.44 0.00	39.52 2.05 0.00	39.32 1.85 0.00	34.41 1.66 0.00	31.44 1.45 0.00
HOLTSVILLE_IC_8 23697	31.74 1.27 0.00	29.00 1.06 0.00	25.80 0.81 0.00	24.55 0.65 0.00	26.53 0.65 0.00	31.05 0.94 0.00	35.98 1.08 0.00	34.46 1.23 -0.16	37.20 1.56 0.00	38.93 1.82 0.00	37.14 2.16 0.00	35.28 2.26 -0.06	36.58 2.75 -0.13	35.61 2.71 -0.34	28.02 2.17 -0.01	27.61 2.15 0.00	27.42 2.17 0.00	34.40 2.71 0.00	39.21 2.79 0.00	40.14 2.44 0.00	39.52 2.05 0.00	39.32 1.85 0.00	34.41 1.66 0.00	31.44 1.45 0.00
HOLTSVILLE_IC_9 23698	31.74 1.27 0.00	29.00 1.06 0.00	25.80 0.81 0.00	24.55 0.65 0.00	26.53 0.65 0.00	31.05 0.94 0.00	35.98 1.08 0.00	34.46 1.23 -0.16	37.20 1.56 0.00	38.93 1.82 0.00	37.14 2.16 0.00	35.28 2.26 -0.06	36.58 2.75 -0.13	35.61 2.71 -0.34	28.02 2.17 -0.01	27.61 2.15 0.00	27.42 2.17 0.00	34.40 2.71 0.00	39.21 2.79 0.00	40.14 2.44 0.00	39.52 2.05 0.00	39.32 1.85 0.00	34.41 1.66 0.00	31.44 1.45 0.00
HOMER_HL_115KV_TB2 355744	29.53 -0.94 0.00	26.93 -1.01 0.00	24.07 -0.92 0.00	23.00 -0.90 0.00	24.89 -0.99 0.00	28.97 -1.14 0.00	33.66 -1.23 0.00	32.13 -0.94 0.00	34.27 -1.37 0.00	35.98 -1.13 0.00	33.83 -1.15 0.00	31.39 -1.57 0.00	31.96 -1.74 0.00	30.78 -1.78 0.00	24.53 -1.30 0.00	24.39 -1.08 0.00	23.85 -1.40 0.00	29.97 -1.73 0.00	34.21 -2.21 0.00	35.59 -2.11 0.00	35.33 -2.14 0.00	35.57 -1.90 0.00	31.17 -1.58 0.00	28.83 -1.16 0.00
HOWARD_WT_PWR 323690	30.37 -0.09 0.00	27.97 0.03 0.00	25.06 0.07 0.00	24.06 0.16 0.00	26.09 0.21 0.00	30.47 0.35 0.00	35.48 0.59 0.00	33.81 0.74 0.00	36.21 0.57 0.00	37.61 0.51 0.00	35.16 0.18 0.00	31.89 -1.07 0.00	32.00 -1.70 0.00	30.83 -1.73 0.00	24.75 -1.09 0.00	24.18 -1.29 0.00	23.90 -1.35 0.00	29.96 -1.73 0.00	34.52 -1.90 0.00	36.29 -1.41 0.00	35.94 -1.53 0.00	36.13 -1.34 0.00	31.56 -1.19 0.00	29.00 -0.99 0.00
HQ_GEN_CEDARS 23644	31.10 0.63 0.00	28.59 0.64 0.00	25.55 0.56 0.00	24.47 0.57 0.00	26.67 0.79 0.00	31.05 0.94 0.00	36.09 1.20 0.00	34.27 1.20 0.00	36.91 1.27 0.00	38.23 1.12 0.00	36.25 1.27 0.00	34.10 1.14 0.00	34.49 0.79 0.00	33.08 0.52 0.00	26.14 0.31 0.00	25.79 0.32 0.00	25.51 0.26 0.00	32.10 0.41 0.00	36.93 0.51 0.00	38.50 0.80 0.00	38.45 0.98 0.00	38.60 1.13 0.00	33.79 1.03 0.00	31.03 1.04 0.00
HQ_GEN_CEDARS_PROXY 323590	31.10 0.63 0.00	28.58 0.64 0.00	25.55 0.56 0.00	24.47 0.57 0.00	26.67 0.79 0.00	31.05 0.94 0.00	36.09 1.19 0.00	34.27 1.20 0.00	36.91 1.27 0.00	38.23 1.12 0.00	36.25 1.27 0.00	34.10 1.14 0.00	34.49 0.79 0.00	33.08 0.52 0.00	26.14 0.31 0.00	25.79 0.31 0.00	25.51 0.26 0.00	32.10 0.41 0.00	36.93 0.50 0.00	38.50 0.80 0.00	38.45 0.98 0.00	38.60 1.13 0.00	33.78 1.03 0.00	31.03 1.04 0.00

HQ_GEN_IMPORT 323601	30.69 0.22 0.00	28.15 0.21 0.00	25.16 0.17 0.00	24.08 0.18 0.00	26.14 0.26 0.00	30.41 0.30 0.00	35.31 0.41 0.00	33.48 0.41 0.00	36.07 0.43 0.00	37.52 0.41 0.00	35.43 0.45 0.00	33.58 0.40 -0.23	34.01 0.31 0.00	32.79 0.23 0.00	25.99 0.15 0.00	25.64 0.17 0.00	25.41 0.15 0.00	31.88 0.19 0.00	36.64 0.21 0.00	37.99 0.29 0.00	37.83 0.37 0.00	37.88 0.41 0.00	33.14 0.39 0.00	30.37 0.38 0.00
HQ_GEN_WHEEL 23651	30.69 0.22 0.00	28.15 0.21 0.00	25.16 0.17 0.00	24.08 0.18 0.00	26.14 0.26 0.00	30.41 0.30 0.00	35.31 0.41 0.00	33.48 0.41 0.00	36.07 0.43 0.00	37.52 0.41 0.00	35.43 0.45 0.00	33.58 0.40 -0.23	34.01 0.31 0.00	32.79 0.23 0.00	25.99 0.15 0.00	25.64 0.17 0.00	25.41 0.15 0.00	31.88 0.19 0.00	36.64 0.21 0.00	37.99 0.29 0.00	37.83 0.37 0.00	37.88 0.41 0.00	33.14 0.39 0.00	30.37 0.38 0.00
HUDSON AVE_GT_3 23810	31.58 1.12 0.00	28.92 0.98 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.58 0.70 0.00	30.98 0.87 0.00	36.01 1.11 0.00	34.39 1.16 -0.16	37.03 1.39 0.00	38.69 1.59 0.00	36.56 1.58 0.00	34.65 1.64 -0.06	35.83 2.00 -0.12	35.02 2.12 -0.34	27.59 1.75 -0.01	27.17 1.70 0.00	27.04 1.78 0.00	33.93 2.23 0.00	38.72 2.30 0.00	39.58 1.88 0.00	39.12 1.65 0.00	38.91 1.44 0.00	34.01 1.26 0.00	31.03 1.04 0.00
HUDSON AVE_GT_4 23540	31.58 1.12 0.00	28.92 0.98 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.58 0.70 0.00	30.98 0.87 0.00	36.01 1.11 0.00	34.39 1.16 -0.16	37.03 1.39 0.00	38.69 1.59 0.00	36.56 1.58 0.00	34.65 1.64 -0.06	35.83 2.00 -0.12	35.02 2.12 -0.34	27.59 1.75 -0.01	27.17 1.70 0.00	27.04 1.78 0.00	33.93 2.23 0.00	38.72 2.30 0.00	39.58 1.88 0.00	39.12 1.65 0.00	38.91 1.44 0.00	34.01 1.26 0.00	31.03 1.04 0.00
HUDSON AVE_GT_5 23657	31.58 1.12 0.00	28.92 0.98 0.00	25.82 0.83 0.00	24.65 0.76 0.00	26.58 0.70 0.00	30.98 0.87 0.00	36.01 1.11 0.00	34.39 1.16 -0.16	37.03 1.39 0.00	38.69 1.59 0.00	36.56 1.58 0.00	34.65 1.64 -0.06	35.83 2.00 -0.12	35.02 2.12 -0.34	27.59 1.75 -0.01	27.17 1.70 0.00	27.04 1.78 0.00	33.93 2.23 0.00	38.72 2.30 0.00	39.58 1.88 0.00	39.12 1.65 0.00	38.91 1.44 0.00	34.01 1.26 0.00	31.03 1.04 0.00
HUDSON_AVE_10 24168	31.49 1.02 0.00	28.84 0.90 0.00	25.75 0.76 0.00	24.58 0.69 0.00	26.50 0.61 0.00	30.87 0.76 0.00	35.89 0.99 0.00	34.28 1.06 -0.16	36.89 1.25 0.00	38.54 1.43 0.00	36.38 1.40 0.00	34.50 1.48 -0.06	35.67 1.85 -0.12	34.88 1.98 -0.34	27.48 1.64 -0.01	27.05 1.58 0.00	26.92 1.67 0.00	33.79 2.10 0.00	38.57 2.15 0.00	39.43 1.72 0.00	38.96 1.49 0.00	38.75 1.28 0.00	33.90 1.15 0.00	30.91 0.92 0.00
HUDSON___115KV_TB 4 355613	31.14 0.67 0.00	28.56 0.62 0.00	25.59 0.61 0.00	24.45 0.55 0.00	26.45 0.57 0.00	30.81 0.69 0.00	35.61 0.71 0.00	33.65 0.66 0.08	36.46 0.82 0.00	37.94 0.84 0.00	35.63 0.65 0.00	33.43 0.50 0.03	34.10 0.45 0.06	32.99 0.59 0.17	26.44 0.61 0.01	26.14 0.67 0.00	25.83 0.57 0.00	32.39 0.69 0.00	37.47 1.04 0.00	38.82 1.11 0.00	38.55 1.08 0.00	38.41 0.93 0.00	33.48 0.73 0.00	30.55 0.56 0.00
HUNTER MOUNT___DRP 323613	31.22 0.75 0.00	28.64 0.70 0.00	25.67 0.68 0.00	24.52 0.62 0.00	26.54 0.65 0.00	30.91 0.80 0.00	35.74 0.84 0.00	33.81 0.79 0.05	36.63 0.99 0.00	38.09 0.98 0.00	35.77 0.78 0.00	33.55 0.60 0.02	34.18 0.51 0.04	33.14 0.68 0.11	26.51 0.68 0.00	26.18 0.71 0.00	25.85 0.59 0.00	32.49 0.80 0.00	37.56 1.14 0.00	38.96 1.25 0.00	38.72 1.25 0.00	38.56 1.09 0.00	33.60 0.85 0.00	30.65 0.66 0.00
HUNTINGTON_RES_REC 323705	31.67 1.20 0.00	28.95 1.01 0.00	25.76 0.77 0.00	24.53 0.63 0.00	26.50 0.62 0.00	30.98 0.87 0.00	35.91 1.01 0.00	34.38 1.15 -0.16	37.11 1.47 0.00	38.85 1.74 0.00	37.00 2.01 0.00	35.16 2.14 -0.06	36.44 2.61 -0.13	35.45 2.55 -0.34	27.90 2.05 -0.01	27.49 2.02 0.00	27.28 2.02 0.00	34.20 2.52 0.00	39.01 2.59 0.00	39.91 2.20 0.00	39.30 1.83 0.00	39.11 1.64 0.00	34.26 1.50 0.00	31.32 1.33 0.00
HUNTLEY___63 23557	29.64 -0.83 0.00	26.99 -0.95 0.00	24.10 -0.88 0.00	22.96 -0.94 0.00	24.81 -1.08 0.00	28.87 -1.24 0.00	33.19 -1.71 0.00	31.46 -1.61 0.00	33.69 -1.95 0.00	35.40 -1.71 0.00	33.40 -1.59 0.00	31.34 -1.62 0.00	31.78 -1.92 0.00	30.51 -2.05 0.00	24.27 -1.56 0.00	24.15 -1.32 0.00	23.66 -1.60 0.00	29.53 -2.15 0.00	33.66 -2.77 0.00	35.02 -2.69 0.00	34.99 -2.48 0.00	35.49 -1.98 0.00	31.39 -1.36 0.00	29.21 -0.79 0.00
HUNTLEY___64 23558	29.64 -0.83 0.00	26.99 -0.95 0.00	24.10 -0.88 0.00	22.96 -0.94 0.00	24.81 -1.08 0.00	28.87 -1.24 0.00	33.19 -1.71 0.00	31.46 -1.61 0.00	33.69 -1.95 0.00	35.40 -1.71 0.00	33.40 -1.59 0.00	31.34 -1.62 0.00	31.78 -1.92 0.00	30.51 -2.05 0.00	24.27 -1.56 0.00	24.15 -1.32 0.00	23.66 -1.60 0.00	29.53 -2.15 0.00	33.66 -2.77 0.00	35.02 -2.69 0.00	34.99 -2.48 0.00	35.49 -1.98 0.00	31.39 -1.36 0.00	29.21 -0.79 0.00
HUNTLEY___65 23559	29.64 -0.83 0.00	26.99 -0.95 0.00	24.10 -0.88 0.00	22.96 -0.94 0.00	24.81 -1.08 0.00	28.87 -1.24 0.00	33.19 -1.71 0.00	31.46 -1.61 0.00	33.69 -1.95 0.00	35.40 -1.71 0.00	33.40 -1.59 0.00	31.34 -1.62 0.00	31.78 -1.92 0.00	30.51 -2.05 0.00	24.27 -1.56 0.00	24.15 -1.32 0.00	23.66 -1.60 0.00	29.53 -2.15 0.00	33.66 -2.77 0.00	35.02 -2.69 0.00	34.99 -2.48 0.00	35.49 -1.98 0.00	31.39 -1.36 0.00	29.21 -0.79 0.00
HUNTLEY___66 23560	29.64 -0.83 0.00	26.99 -0.95 0.00	24.10 -0.88 0.00	22.96 -0.94 0.00	24.81 -1.08 0.00	28.87 -1.24 0.00	33.19 -1.71 0.00	31.46 -1.61 0.00	33.69 -1.95 0.00	35.40 -1.71 0.00	33.40 -1.59 0.00	31.34 -1.62 0.00	31.78 -1.92 0.00	30.51 -2.05 0.00	24.27 -1.56 0.00	24.15 -1.32 0.00	23.66 -1.60 0.00	29.53 -2.15 0.00	33.66 -2.77 0.00	35.02 -2.69 0.00	34.99 -2.48 0.00	35.49 -1.98 0.00	31.39 -1.36 0.00	29.21 -0.79 0.00
HUNTLEY___67 23561	29.44 -1.03 0.00	26.82 -1.12 0.00	23.97 -1.02 0.00	22.84 -1.06 0.00	24.67 -1.21 0.00	28.68 -1.44 0.00	33.01 -1.89 0.00	31.34 -1.73 0.00	33.56 -2.08 0.00	35.22 -1.89 0.00	33.23 -1.75 0.00	31.15 -1.81 0.00	31.61 -2.09 0.00	30.36 -2.20 0.00	24.14 -1.69 0.00	24.03 -1.44 0.00	23.54 -1.71 0.00	29.42 -2.27 0.00	33.54 -2.89 0.00	34.87 -2.83 0.00	34.82 -2.65 0.00	35.31 -2.16 0.00	31.21 -1.54 0.00	29.02 -0.97 0.00
HUNTLEY___68 23562	29.44 -1.03 0.00	26.82 -1.12 0.00	23.97 -1.02 0.00	22.84 -1.06 0.00	24.67 -1.21 0.00	28.68 -1.44 0.00	33.01 -1.89 0.00	31.34 -1.73 0.00	33.56 -2.08 0.00	35.22 -1.89 0.00	33.23 -1.75 0.00	31.15 -1.81 0.00	31.61 -2.09 0.00	30.36 -2.20 0.00	24.14 -1.69 0.00	24.03 -1.44 0.00	23.54 -1.71 0.00	29.42 -2.27 0.00	33.54 -2.89 0.00	34.87 -2.83 0.00	34.82 -2.65 0.00	35.31 -2.16 0.00	31.21 -1.54 0.00	29.02 -0.97 0.00

HYLAND___LFGE 323620	31.61 1.14 0.00	28.89 0.95 0.00	25.84 0.85 0.00	24.71 0.82 0.00	26.81 0.93 0.00	31.31 1.19 0.00	36.41 1.52 0.00	34.63 1.56 0.00	36.86 1.22 0.00	38.11 1.01 0.00	35.43 0.45 0.00	32.71 -0.25 0.00	33.14 -0.57 0.00	31.92 -0.64 0.00	25.47 -0.36 0.00	24.88 -0.59 0.00	24.75 -0.51 0.00	30.96 -0.72 0.00	35.85 -0.57 0.00	37.77 0.07 0.00	37.93 0.46 0.00	38.22 0.75 0.00	33.42 0.67 0.00	30.70 0.71 0.00
INDECK___CORINTH 23802	32.19 1.72 0.00	29.48 1.54 0.00	26.42 1.43 0.00	25.24 1.34 0.00	27.30 1.42 0.00	31.79 1.67 0.00	36.93 2.03 0.00	34.93 1.99 0.12	37.87 2.24 0.00	39.29 2.18 0.00	36.68 1.70 0.00	34.41 1.49 0.05	35.18 1.57 0.10	33.90 1.61 0.27	27.03 1.20 0.01	26.69 1.22 0.00	26.54 1.29 0.00	33.73 2.04 0.00	38.87 2.45 0.00	40.34 2.63 0.00	39.99 2.52 0.00	39.78 2.31 0.00	34.64 1.89 0.00	31.64 1.65 0.00
INDECK___ILION 23567	30.77 0.30 0.00	28.22 0.28 0.00	25.22 0.23 0.00	24.13 0.23 0.00	26.10 0.22 0.00	30.41 0.30 0.00	35.24 0.34 0.00	33.38 0.31 0.00	35.93 0.29 0.00	37.31 0.20 0.00	34.96 -0.02 0.00	32.92 -0.04 0.00	33.78 0.07 0.00	32.70 0.14 0.00	25.88 0.05 0.00	25.49 0.02 0.00	25.24 -0.01 0.00	31.80 0.11 0.00	36.76 0.33 0.00	38.12 0.41 0.00	37.82 0.35 0.00	37.74 0.27 0.00	32.94 0.19 0.00	30.12 0.12 0.00
INDECK___OLEAN 23982	29.53 -0.94 0.00	26.94 -1.00 0.00	24.07 -0.92 0.00	23.00 -0.90 0.00	24.89 -0.99 0.00	28.97 -1.14 0.00	33.66 -1.23 0.00	32.11 -0.96 0.00	34.27 -1.37 0.00	35.96 -1.14 0.00	33.82 -1.16 0.00	31.39 -1.57 0.00	31.96 -1.74 0.00	30.79 -1.77 0.00	24.53 -1.30 0.00	24.39 -1.08 0.00	23.86 -1.39 0.00	29.97 -1.72 0.00	34.21 -2.21 0.00	35.59 -2.11 0.00	35.32 -2.14 0.00	35.58 -1.89 0.00	31.17 -1.58 0.00	28.83 -1.16 0.00
INDECK___OSWEGO 23783	29.69 -0.78 0.00	27.23 -0.71 0.00	24.37 -0.62 0.00	23.30 -0.60 0.00	25.21 -0.67 0.00	29.33 -0.78 0.00	33.92 -0.98 0.00	32.16 -0.91 0.00	34.58 -1.06 0.00	36.02 -1.09 0.00	33.93 -1.06 0.00	31.92 -1.04 0.00	32.61 -1.10 0.00	31.48 -1.08 0.00	24.95 -0.88 0.00	24.59 -0.88 0.00	24.36 -0.89 0.00	30.58 -1.11 0.00	35.21 -1.22 0.00	36.58 -1.12 0.00	36.37 -1.10 0.00	36.38 -1.09 0.00	31.80 -0.96 0.00	29.12 -0.88 0.00
INDECK___YERKES 23781	29.67 -0.80 0.00	27.02 -0.92 0.00	24.13 -0.86 0.00	22.98 -0.91 0.00	24.83 -1.05 0.00	28.90 -1.21 0.00	33.22 -1.68 0.00	31.48 -1.59 0.00	33.73 -1.91 0.00	35.42 -1.68 0.00	33.44 -1.55 0.00	31.38 -1.58 0.00	31.82 -1.89 0.00	30.55 -2.01 0.00	24.30 -1.54 0.00	24.18 -1.29 0.00	23.69 -1.56 0.00	29.57 -2.12 0.00	33.69 -2.73 0.00	35.05 -2.66 0.00	35.02 -2.45 0.00	35.53 -1.94 0.00	31.42 -1.33 0.00	29.24 -0.75 0.00
INDIAN POINT_GT_1 24139	31.31 0.84 0.00	28.69 0.75 0.00	25.62 0.64 0.00	24.47 0.57 0.00	26.39 0.51 0.00	30.75 0.63 0.00	35.69 0.79 0.00	34.04 0.82 -0.15	36.64 1.01 0.00	38.28 1.18 0.00	36.12 1.14 0.00	34.22 1.20 -0.06	35.35 1.53 -0.12	34.53 1.64 -0.33	27.20 1.36 -0.01	26.79 1.32 0.00	26.66 1.41 0.00	33.49 1.80 0.00	38.30 1.88 0.00	39.24 1.53 0.00	38.80 1.33 0.00	38.61 1.14 0.00	33.73 0.98 0.00	30.80 0.81 0.00
INDIAN POINT_GT_2 23659	31.31 0.84 0.00	28.69 0.75 0.00	25.62 0.64 0.00	24.47 0.57 0.00	26.39 0.51 0.00	30.75 0.63 0.00	35.69 0.79 0.00	34.04 0.82 -0.15	36.64 1.01 0.00	38.28 1.18 0.00	36.12 1.14 0.00	34.22 1.20 -0.06	35.35 1.53 -0.12	34.53 1.64 -0.33	27.20 1.36 -0.01	26.79 1.32 0.00	26.66 1.41 0.00	33.49 1.80 0.00	38.30 1.88 0.00	39.24 1.53 0.00	38.80 1.33 0.00	38.61 1.14 0.00	33.73 0.98 0.00	30.80 0.81 0.00
INDIAN POINT_GT_3 24019	31.31 0.84 0.00	28.69 0.75 0.00	25.62 0.64 0.00	24.47 0.57 0.00	26.39 0.51 0.00	30.75 0.63 0.00	35.69 0.79 0.00	34.04 0.82 -0.15	36.64 1.01 0.00	38.28 1.18 0.00	36.12 1.14 0.00	34.22 1.20 -0.06	35.35 1.53 -0.12	34.53 1.64 -0.33	27.20 1.36 -0.01	26.79 1.32 0.00	26.66 1.41 0.00	33.49 1.80 0.00	38.30 1.88 0.00	39.24 1.53 0.00	38.80 1.33 0.00	38.61 1.14 0.00	33.73 0.98 0.00	30.80 0.81 0.00
INDIAN POINT___2 23530	31.27 0.80 0.00	28.65 0.71 0.00	25.59 0.60 0.00	24.43 0.54 0.00	26.37 0.48 0.00	30.70 0.59 0.00	35.64 0.75 0.00	33.99 0.78 -0.14	36.58 0.94 0.00	38.22 1.11 0.00	36.07 1.09 0.00	34.15 1.14 -0.05	35.28 1.46 -0.11	34.44 1.57 -0.31	27.14 1.30 -0.01	26.73 1.26 0.00	26.61 1.36 0.00	33.42 1.73 0.00	38.23 1.81 0.00	39.17 1.46 0.00	38.74 1.27 0.00	38.54 1.07 0.00	33.69 0.94 0.00	30.76 0.77 0.00
INDIAN POINT___3 23531	31.28 0.81 0.00	28.66 0.72 0.00	25.60 0.61 0.00	24.45 0.55 0.00	26.38 0.50 0.00	30.72 0.61 0.00	35.65 0.76 0.00	34.00 0.78 -0.15	36.60 0.97 0.00	38.24 1.13 0.00	36.08 1.09 0.00	34.17 1.16 -0.06	35.30 1.48 -0.12	34.49 1.60 -0.33	27.16 1.31 -0.01	26.75 1.28 0.00	26.63 1.37 0.00	33.44 1.75 0.00	38.25 1.83 0.00	39.19 1.48 0.00	38.76 1.29 0.00	38.57 1.10 0.00	33.70 0.95 0.00	30.78 0.79 0.00
INGHAM_C_115KV_TB7 356103	31.12 0.65 0.00	28.54 0.60 0.00	25.48 0.49 0.00	24.39 0.50 0.00	26.36 0.48 0.00	30.74 0.63 0.00	35.65 0.75 0.00	33.73 0.66 0.00	36.24 0.60 0.00	37.48 0.37 0.00	34.86 -0.12 0.00	32.78 -0.17 0.00	33.79 0.09 0.00	32.79 0.23 0.00	25.88 0.05 0.00	25.47 0.00 0.00	25.14 -0.11 0.00	31.88 0.19 0.00	37.12 0.69 0.00	38.59 0.89 0.00	38.24 0.77 0.00	38.11 0.64 0.00	33.20 0.45 0.00	30.31 0.32 0.00
IP CORINTH___1 23988	32.19 1.72 0.00	29.48 1.54 0.00	26.42 1.43 0.00	25.24 1.34 0.00	27.30 1.42 0.00	31.79 1.68 0.00	36.93 2.03 0.00	34.93 1.99 0.12	37.87 2.23 0.00	39.29 2.18 0.00	36.68 1.70 0.00	34.40 1.49 0.05	35.17 1.57 0.10	33.90 1.61 0.27	27.02 1.20 0.01	26.69 1.22 0.00	26.54 1.29 0.00	33.72 2.04 0.00	38.87 2.45 0.00	40.34 2.63 0.00	39.99 2.52 0.00	39.78 2.31 0.00	34.64 1.89 0.00	31.64 1.65 0.00
IP___TICONDEROGA 23804	33.44 2.97 0.00	30.57 2.63 0.00	27.49 2.50 0.00	26.32 2.42 0.00	28.46 2.58 0.00	33.01 2.90 0.00	38.38 3.48 0.00	36.49 3.55 0.13	39.64 4.00 0.00	40.96 3.85 0.00	38.44 3.46 0.00	36.06 3.15 0.05	36.87 3.27 0.10	35.71 3.43 0.28	28.25 2.42 0.01	27.86 2.39 0.00	27.82 2.56 0.00	35.30 3.61 0.00	40.67 4.24 0.00	42.11 4.40 0.00	41.71 4.24 0.00	41.36 3.89 0.00	35.99 3.24 0.00	32.90 2.91 0.00
ISLIP_RES_REC 323679	31.88 1.41 0.00	29.11 1.17 0.00	25.90 0.91 0.00	24.64 0.75 0.00	26.63 0.75 0.00	31.17 1.06 0.00	36.12 1.22 0.00	34.61 1.38 -0.16	37.38 1.74 0.00	39.12 2.01 0.00	37.35 2.37 0.00	35.50 2.48 -0.06	36.80 2.97 -0.13	35.83 2.93 -0.34	28.19 2.35 -0.01	27.78 2.31 0.00	27.58 2.33 0.00	34.61 2.92 0.00	39.45 3.02 0.00	40.38 2.67 0.00	39.74 2.27 0.00	39.52 2.05 0.00	34.59 1.84 0.00	31.58 1.59 0.00

JAMAICA__27_KV_LOAD 355505	31.74 1.27 0.00	29.06 1.12 0.00	25.96 0.97 0.00	24.77 0.87 0.00	26.67 0.79 0.00	31.06 0.95 0.00	36.16 1.26 0.00	34.54 1.31 -0.16	37.14 1.50 0.00	38.76 1.65 0.00	36.49 1.51 0.00	34.64 1.62 -0.06	35.81 1.98 -0.12	35.04 2.14 -0.34	27.62 1.78 -0.01	27.17 1.70 0.00	27.02 1.77 0.00	33.92 2.23 0.00	38.72 2.29 0.00	39.59 1.89 0.00	39.15 1.68 0.00	38.97 1.50 0.00	34.15 1.40 0.00	31.10 1.11 0.00
JANIS__SOLAR 323808	30.72 0.25 0.00	28.11 0.16 0.00	25.12 0.13 0.00	24.01 0.11 0.00	25.99 0.11 0.00	30.28 0.16 0.00	35.12 0.22 0.00	33.31 0.25 0.00	35.71 0.07 0.00	37.16 0.06 0.00	34.73 -0.25 0.00	32.56 -0.40 0.00	33.24 -0.46 0.00	32.33 -0.23 0.00	25.74 -0.09 0.00	25.24 -0.23 0.00	24.95 -0.30 0.00	31.61 -0.08 0.00	36.75 0.32 0.00	38.42 0.71 0.00	38.22 0.75 0.00	38.15 0.67 0.00	33.39 0.64 0.00	30.60 0.61 0.00
JARVIS____ 23743	30.47 0.00 0.00	27.94 0.00 0.00	25.02 0.02 0.00	23.91 0.02 0.00	25.88 0.00 0.00	30.12 0.01 0.00	34.90 0.00 0.00	33.07 -0.01 0.00	35.64 0.00 0.00	37.10 0.00 0.00	34.95 -0.04 0.00	32.93 -0.03 0.00	33.71 0.00 0.00	32.59 0.03 0.00	25.86 0.03 0.00	25.48 0.01 0.00	25.27 0.02 0.00	31.72 0.03 0.00	36.49 0.07 0.00	37.75 0.05 0.00	37.49 0.02 0.00	37.47 0.00 0.00	32.75 -0.01 0.00	29.96 -0.03 0.00
JENNISON____1 23625	31.44 0.97 0.00	28.76 0.82 0.00	25.67 0.68 0.00	24.58 0.69 0.00	26.57 0.68 0.00	31.06 0.94 0.00	36.12 1.22 0.00	34.40 1.30 -0.03	36.84 1.20 0.00	38.47 1.36 0.00	36.22 1.24 0.00	34.01 1.04 -0.01	34.77 1.04 -0.02	33.11 0.52 -0.03	26.06 0.23 0.00	25.55 0.08 0.00	25.27 0.01 0.00	31.78 0.09 0.00	36.72 0.29 0.00	38.09 0.38 0.00	37.97 0.50 0.00	37.67 0.19 0.00	33.34 0.59 0.00	30.69 0.70 0.00
JENNISON____2 23626	31.44 0.97 0.00	28.76 0.82 0.00	25.67 0.68 0.00	24.58 0.69 0.00	26.57 0.68 0.00	31.06 0.94 0.00	36.12 1.22 0.00	34.40 1.30 -0.03	36.84 1.20 0.00	38.47 1.36 0.00	36.22 1.24 0.00	34.01 1.04 -0.01	34.77 1.04 -0.02	33.11 0.52 -0.03	26.06 0.23 0.00	25.55 0.08 0.00	25.27 0.01 0.00	31.78 0.09 0.00	36.72 0.29 0.00	38.09 0.38 0.00	37.97 0.50 0.00	37.67 0.19 0.00	33.34 0.59 0.00	30.69 0.70 0.00
JERICOHO_RISE_WT_PWR 323719	30.69 0.22 0.00	28.21 0.27 0.00	25.20 0.21 0.00	24.15 0.25 0.00	26.31 0.43 0.00	30.60 0.48 0.00	35.63 0.73 0.00	33.84 0.78 0.00	36.47 0.83 0.00	37.82 0.72 0.00	35.82 0.84 0.00	33.65 0.69 0.00	34.08 0.37 0.00	32.70 0.14 0.00	25.86 0.03 0.00	25.52 0.05 0.00	25.29 0.04 0.00	31.88 0.19 0.00	36.66 0.24 0.00	38.17 0.46 0.00	38.06 0.59 0.00	38.06 0.59 0.00	33.30 0.54 0.00	30.57 0.58 0.00
KATONAH__115KV_46KV_TB4 355592	31.46 0.99 0.00	28.83 0.89 0.00	25.76 0.77 0.00	24.59 0.70 0.00	26.53 0.65 0.00	30.90 0.78 0.00	35.87 0.97 0.00	34.24 1.01 -0.16	36.88 1.24 0.00	38.51 1.40 0.00	36.36 1.38 0.00	34.45 1.43 -0.06	35.59 1.76 -0.12	34.78 1.87 -0.35	27.37 1.52 -0.01	26.97 1.50 0.00	26.83 1.58 0.00	33.69 2.00 0.00	38.53 2.11 0.00	39.50 1.79 0.00	39.04 1.58 0.00	38.84 1.37 0.00	33.91 1.16 0.00	30.95 0.96 0.00
KCE_NY_1 323755	31.78 1.31 0.00	29.13 1.18 0.00	26.07 1.08 0.00	24.90 1.00 0.00	26.94 1.06 0.00	31.38 1.27 0.00	36.45 1.55 0.00	34.35 1.41 0.13	37.22 1.58 0.00	38.63 1.53 0.00	36.26 1.28 0.00	34.03 1.12 0.05	34.86 1.26 0.10	33.58 1.31 0.29	26.81 0.99 0.01	26.51 1.04 0.00	26.30 1.05 0.00	33.23 1.54 0.00	38.39 1.96 0.00	39.71 2.01 0.00	39.33 1.85 0.00	39.13 1.66 0.00	34.11 1.36 0.00	31.23 1.24 0.00
KCE_NY_6_ESR 323823	29.67 -0.80 0.00	27.04 -0.90 0.00	24.15 -0.84 0.00	23.02 -0.88 0.00	24.87 -1.02 0.00	28.93 -1.18 0.00	33.34 -1.56 0.00	31.72 -1.35 0.00	33.95 -1.69 0.00	35.55 -1.56 0.00	33.48 -1.51 0.00	31.39 -1.57 0.00	31.86 -1.84 0.00	30.62 -1.94 0.00	24.38 -1.46 0.00	24.25 -1.22 0.00	23.76 -1.50 0.00	29.74 -1.95 0.00	33.93 -2.49 0.00	35.32 -2.39 0.00	35.26 -2.21 0.00	35.70 -1.78 0.00	31.50 -1.25 0.00	29.25 -0.74 0.00
KEDC_PORT_JEFF_GT2 24210	31.70 1.23 0.00	28.96 1.02 0.00	25.77 0.78 0.00	24.52 0.63 0.00	26.50 0.62 0.00	31.01 0.89 0.00	35.93 1.03 0.00	34.42 1.19 -0.16	37.16 1.52 0.00	38.88 1.77 0.00	37.08 2.09 0.00	35.24 2.22 -0.06	36.52 2.69 -0.13	35.56 2.65 -0.34	27.97 2.13 -0.01	27.57 2.10 0.00	27.37 2.12 0.00	34.34 2.65 0.00	39.15 2.73 0.00	40.07 2.37 0.00	39.45 1.98 0.00	39.25 1.78 0.00	34.37 1.61 0.00	31.39 1.40 0.00
KEDC_PORT_JEFF_GT3 24211	31.70 1.23 0.00	28.96 1.02 0.00	25.77 0.78 0.00	24.52 0.63 0.00	26.50 0.62 0.00	31.01 0.89 0.00	35.93 1.03 0.00	34.42 1.19 -0.16	37.16 1.52 0.00	38.88 1.77 0.00	37.08 2.09 0.00	35.24 2.22 -0.06	36.52 2.69 -0.13	35.56 2.65 -0.34	27.97 2.13 -0.01	27.57 2.10 0.00	27.37 2.12 0.00	34.34 2.65 0.00	39.15 2.73 0.00	40.07 2.37 0.00	39.45 1.98 0.00	39.25 1.78 0.00	34.37 1.61 0.00	31.39 1.40 0.00
KEDC_GLWD_GT4 24219	31.66 1.19 0.00	28.97 1.04 0.00	25.85 0.86 0.00	24.66 0.76 0.00	26.62 0.74 0.00	31.05 0.93 0.00	36.00 1.10 0.00	34.41 1.18 -0.16	37.09 1.46 0.00	38.79 1.69 0.00	36.78 1.80 0.00	34.87 1.86 -0.06	36.09 2.26 -0.13	35.17 2.26 -0.34	27.71 1.87 -0.01	27.29 1.82 0.00	27.13 1.88 0.00	34.05 2.36 0.00	38.90 2.47 0.00	39.79 2.09 0.00	39.29 1.82 0.00	39.09 1.62 0.00	34.14 1.39 0.00	31.19 1.20 0.00
KEDC_GLWD_GT5 24220	31.66 1.19 0.00	28.97 1.04 0.00	25.85 0.86 0.00	24.66 0.76 0.00	26.62 0.74 0.00	31.05 0.93 0.00	36.00 1.10 0.00	34.41 1.18 -0.16	37.09 1.46 0.00	38.79 1.69 0.00	36.78 1.80 0.00	34.87 1.86 -0.06	36.09 2.26 -0.13	35.17 2.26 -0.34	27.71 1.87 -0.01	27.29 1.82 0.00	27.13 1.88 0.00	34.05 2.36 0.00	38.90 2.47 0.00	39.79 2.09 0.00	39.29 1.82 0.00	39.09 1.62 0.00	34.14 1.39 0.00	31.19 1.20 0.00
KENSICO____ 23655	31.39 0.92 0.00	28.77 0.82 0.00	25.69 0.70 0.00	24.53 0.63 0.00	26.46 0.58 0.00	30.83 0.71 0.00	35.78 0.88 0.00	34.14 0.91 -0.15	36.76 1.12 0.00	38.40 1.30 0.00	36.27 1.29 0.00	34.35 1.34 -0.06	35.50 1.68 -0.12	34.68 1.79 -0.34	27.31 1.47 -0.01	26.90 1.43 0.00	26.77 1.52 0.00	33.61 1.92 0.00	38.43 2.01 0.00	39.35 1.65 0.00	38.92 1.45 0.00	38.72 1.25 0.00	33.83 1.08 0.00	30.88 0.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.42 0.95 0.00	28.77 0.83 0.00	25.69 0.70 0.00	24.52 0.62 0.00	26.47 0.59 0.00	30.83 0.72 0.00	35.82 0.92 0.00	34.13 0.98 -0.08	36.78 1.14 0.00	38.37 1.26 0.00	36.16 1.18 0.00	34.20 1.21 -0.03	35.28 1.52 -0.06	33.95 1.20 -0.18	26.81 0.97 -0.01	26.43 0.96 0.00	26.37 1.12 0.00	33.23 1.54 0.00	38.15 1.73 0.00	39.22 1.52 0.00	38.82 1.35 0.00	38.89 1.42 0.00	33.92 1.17 0.00	30.95 0.96 0.00

KIAC_JFK_GT1 23816	31.56 1.09 0.00	28.89 0.95 0.00	25.81 0.82 0.00	24.62 0.73 0.00	26.52 0.64 0.00	30.88 0.77 0.00	35.95 1.06 0.00	34.34 1.12 -0.16	36.92 1.28 0.00	38.54 1.43 0.00	36.28 1.30 0.00	34.44 1.42 -0.06	35.61 1.78 -0.12	34.85 1.94 -0.34	27.46 1.62 -0.01	26.99 1.52 0.00	26.78 1.53 0.00	33.61 1.92 0.00	38.36 1.94 0.00	39.22 1.52 0.00	38.77 1.31 0.00	38.72 1.24 0.00	33.94 1.19 0.00	30.91 0.92 0.00
KIAC_JFK_GT2 23817	31.56 1.09 0.00	28.89 0.95 0.00	25.81 0.82 0.00	24.62 0.73 0.00	26.52 0.64 0.00	30.88 0.77 0.00	35.95 1.06 0.00	34.34 1.12 -0.16	36.92 1.28 0.00	38.54 1.43 0.00	36.28 1.30 0.00	34.44 1.42 -0.06	35.61 1.78 -0.12	34.85 1.94 -0.34	27.46 1.62 -0.01	26.99 1.52 0.00	26.78 1.53 0.00	33.61 1.92 0.00	38.36 1.94 0.00	39.22 1.52 0.00	38.77 1.31 0.00	38.72 1.24 0.00	33.94 1.19 0.00	30.91 0.92 0.00
KIAC_JFK____ 323774	31.55 1.09 0.00	28.89 0.95 0.00	25.81 0.82 0.00	24.63 0.73 0.00	26.52 0.64 0.00	30.88 0.77 0.00	35.95 1.06 0.00	34.35 1.12 -0.16	36.92 1.28 0.00	38.54 1.44 0.00	36.29 1.30 0.00	34.44 1.42 -0.06	35.61 1.78 -0.12	34.85 1.94 -0.34	27.46 1.62 -0.01	26.99 1.52 0.00	26.78 1.53 0.00	33.61 1.92 0.00	38.37 1.94 0.00	39.23 1.52 0.00	38.78 1.31 0.00	38.71 1.24 0.00	33.94 1.19 0.00	30.91 0.92 0.00
KINTIGH__24_KV_GSU 356498	29.57 -0.90 0.00	26.97 -0.97 0.00	24.10 -0.89 0.00	22.97 -0.92 0.00	24.83 -1.05 0.00	28.86 -1.26 0.00	33.26 -1.63 0.00	31.51 -1.56 0.00	33.80 -1.84 0.00	35.46 -1.65 0.00	33.48 -1.50 0.00	31.41 -1.55 0.00	31.92 -1.78 0.00	30.68 -1.88 0.00	24.38 -1.46 0.00	24.22 -1.25 0.00	23.78 -1.47 0.00	29.71 -1.98 0.00	33.93 -2.50 0.00	35.25 -2.46 0.00	35.15 -2.31 0.00	35.57 -1.90 0.00	31.38 -1.37 0.00	29.10 -0.89 0.00
KINTIGH____ 23543	29.55 -0.92 0.00	26.94 -1.01 0.00	24.08 -0.91 0.00	22.95 -0.94 0.00	24.81 -1.07 0.00	28.83 -1.28 0.00	33.23 -1.67 0.00	31.50 -1.57 0.00	33.78 -1.86 0.00	35.44 -1.67 0.00	33.46 -1.53 0.00	31.39 -1.57 0.00	31.89 -1.81 0.00	30.65 -1.91 0.00	24.35 -1.48 0.00	24.20 -1.27 0.00	23.76 -1.50 0.00	29.68 -2.01 0.00	33.89 -2.53 0.00	35.22 -2.49 0.00	35.14 -2.33 0.00	35.55 -1.92 0.00	31.35 -1.40 0.00	29.08 -0.91 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.10 0.63 0.00	28.56 0.62 0.00	25.53 0.54 0.00	24.45 0.56 0.00	26.61 0.73 0.00	30.96 0.84 0.00	36.07 1.17 0.00	34.29 1.22 0.00	36.98 1.34 0.00	38.26 1.16 0.00	36.20 1.22 0.00	33.96 1.01 0.00	34.42 0.71 0.00	33.04 0.48 0.00	26.16 0.32 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.31 0.62 0.00	37.11 0.68 0.00	38.66 0.96 0.00	38.59 1.12 0.00	38.59 1.12 0.00	33.70 0.95 0.00	30.92 0.94 0.00
LACHUTE____HYDRO 323717	33.44 2.97 0.00	30.57 2.63 0.00	27.49 2.50 0.00	26.32 2.42 0.00	28.46 2.58 0.00	33.01 2.90 0.00	38.38 3.48 0.00	36.49 3.55 0.13	39.64 4.00 0.00	40.96 3.85 0.00	38.45 3.46 0.00	36.07 3.16 0.05	36.87 3.27 0.10	35.71 3.42 0.28	28.24 2.43 0.01	27.86 2.39 0.00	27.82 2.57 0.00	35.30 3.61 0.00	40.66 4.24 0.00	42.11 4.40 0.00	41.71 4.24 0.00	41.36 3.89 0.00	35.99 3.24 0.00	32.90 2.91 0.00
LAWRNCALV_115KV_TB1 80681	31.06 0.59 0.00	28.67 0.72 0.00	25.64 0.65 0.00	24.56 0.67 0.00	26.77 0.89 0.00	31.20 1.09 0.00	36.31 1.41 0.00	34.48 1.41 0.00	37.14 1.50 0.00	38.40 1.29 0.00	36.42 1.44 0.00	34.22 1.26 0.00	34.43 0.73 0.00	32.97 0.41 0.00	25.94 0.10 0.00	25.49 0.02 0.00	25.19 -0.06 0.00	31.68 -0.01 0.00	36.54 0.11 0.00	38.37 0.66 0.00	38.38 0.91 0.00	38.60 1.13 0.00	33.78 1.03 0.00	31.10 1.11 0.00
LEDERLE____ 23769	31.43 0.96 0.00	28.80 0.86 0.00	25.72 0.73 0.00	24.55 0.65 0.00	26.50 0.61 0.00	30.87 0.75 0.00	35.92 1.02 0.00	34.26 1.06 -0.13	36.89 1.25 0.00	38.53 1.43 0.00	36.35 1.37 0.00	34.43 1.42 -0.05	35.58 1.77 -0.10	34.73 1.87 -0.29	27.38 1.53 -0.01	26.98 1.51 0.00	26.86 1.61 0.00	33.75 2.06 0.00	38.62 2.19 0.00	39.55 1.84 0.00	39.10 1.64 0.00	38.91 1.44 0.00	33.99 1.24 0.00	31.02 1.03 0.00
LIGHTHSE_115KV_TB6 355974	30.13 -0.34 0.00	27.74 -0.20 0.00	24.90 -0.09 0.00	23.82 -0.07 0.00	25.79 -0.09 0.00	30.08 -0.03 0.00	34.88 -0.02 0.00	33.08 0.01 0.00	35.58 -0.06 0.00	36.96 -0.14 0.00	34.78 -0.20 0.00	32.67 -0.28 0.00	33.22 -0.48 0.00	31.93 -0.63 0.00	25.20 -0.63 0.00	24.75 -0.72 0.00	24.52 -0.73 0.00	30.77 -0.92 0.00	35.64 -0.79 0.00	37.37 -0.33 0.00	37.33 -0.13 0.00	37.38 -0.09 0.00	32.67 -0.09 0.00	29.84 -0.15 0.00
LINDEN COGEN____ 23786	31.44 0.97 0.00	28.79 0.85 0.00	25.70 0.71 0.00	24.54 0.64 0.00	26.46 0.57 0.00	30.83 0.71 0.00	35.81 0.91 0.00	34.21 0.99 -0.16	36.80 1.16 0.00	38.46 1.35 0.00	36.32 1.34 0.00	34.42 1.41 -0.06	35.59 1.76 -0.12	34.80 1.90 -0.34	27.43 1.59 -0.01	27.00 1.53 0.00	26.87 1.62 0.00	33.74 2.05 0.00	38.50 2.07 0.00	39.33 1.62 0.00	38.87 1.40 0.00	38.64 1.16 0.00	33.80 1.04 0.00	30.84 0.85 0.00
LINDHRST_69_KV_BK1 356055	31.94 1.48 0.00	29.19 1.25 0.00	25.99 1.00 0.00	24.73 0.83 0.00	26.72 0.84 0.00	31.23 1.12 0.00	36.13 1.23 0.00	34.60 1.37 -0.16	37.35 1.71 0.00	39.07 1.97 0.00	37.20 2.22 0.00	35.29 2.27 -0.06	36.60 2.77 -0.12	35.65 2.75 -0.34	28.01 2.16 -0.01	27.63 2.16 0.00	27.49 2.24 0.00	34.45 2.76 0.00	39.29 2.86 0.00	40.20 2.49 0.00	39.60 2.13 0.00	39.43 1.96 0.00	34.53 1.78 0.00	31.56 1.57 0.00
LIPA_MISC_IPP 23656	31.47 1.00 0.00	28.77 0.83 0.00	25.59 0.59 0.00	24.34 0.44 0.00	26.30 0.42 0.00	30.81 0.69 0.00	35.70 0.80 0.00	34.20 0.97 -0.16	36.92 1.28 0.00	38.61 1.50 0.00	36.83 1.85 0.00	34.99 1.97 -0.06	36.28 2.46 -0.12	35.36 2.45 -0.34	27.81 1.96 -0.01	27.42 1.94 0.00	27.23 1.98 0.00	34.16 2.47 0.00	38.95 2.53 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.07 1.60 0.00	34.19 1.44 0.00	31.21 1.22 0.00
LISF____SOLAR 323691	31.53 1.06 0.00	28.81 0.87 0.00	25.63 0.63 0.00	24.37 0.47 0.00	26.34 0.46 0.00	30.84 0.73 0.00	35.77 0.87 0.00	34.27 1.04 -0.16	36.98 1.35 0.00	38.66 1.55 0.00	36.88 1.90 0.00	35.03 2.02 -0.06	36.33 2.50 -0.13	35.37 2.47 -0.34	27.85 2.00 -0.01	27.47 1.99 0.00	27.27 2.02 0.00	34.23 2.54 0.00	39.03 2.61 0.00	39.96 2.26 0.00	39.36 1.89 0.00	39.15 1.68 0.00	34.26 1.50 0.00	31.26 1.27 0.00
LITTLE FALLS____HYD 24013	31.12 0.65 0.00	28.54 0.60 0.00	25.48 0.49 0.00	24.39 0.50 0.00	26.36 0.48 0.00	30.74 0.63 0.00	35.65 0.75 0.00	33.73 0.66 0.00	36.24 0.60 0.00	37.48 0.37 -0.12	34.86 0.00 -0.17	32.78 0.00 0.09	33.79 0.00 0.23	32.79 0.00 0.05	25.88 0.00 0.00	25.47 0.00 0.00	25.14 0.00 -0.11	31.88 0.19 0.00	37.12 0.69 0.00	38.59 0.89 0.00	38.24 0.77 0.00	38.11 0.64 0.00	33.20 0.45 0.00	30.31 0.32 0.00

LITTLRIV_115KV_TB1 356100	31.52 1.05 0.00	29.08 1.14 0.00	26.00 1.01 0.00	24.90 1.01 0.00	27.15 1.27 0.00	31.67 1.55 0.00	36.88 1.98 0.00	35.03 1.96 0.00	37.70 2.06 0.00	38.88 1.77 0.00	36.89 1.91 0.00	34.65 1.69 0.00	34.74 1.04 0.00	33.23 0.67 0.00	26.12 0.28 0.00	25.65 0.18 0.00	25.40 0.15 0.00	31.88 0.19 0.00	36.80 0.38 0.00	38.96 1.25 0.00	39.03 1.56 0.00	39.24 1.77 0.00	34.32 1.56 0.00	31.58 1.59 0.00
LI_NEWBRDGE___DRP 323616	31.48 1.01 0.00	28.80 0.86 0.00	25.66 0.67 0.00	24.47 0.57 0.00	26.43 0.54 0.00	30.86 0.75 0.00	35.74 0.84 0.00	34.18 0.95 -0.16	36.86 1.22 0.00	38.55 1.45 0.00	36.62 1.63 0.00	34.73 1.71 -0.06	35.96 2.13 -0.12	35.01 2.10 -0.34	27.56 1.71 -0.01	27.14 1.66 0.00	26.98 1.73 0.00	33.82 2.13 0.00	38.62 2.19 0.00	39.51 1.81 0.00	38.97 1.50 0.00	38.80 1.33 0.00	33.96 1.21 0.00	31.07 1.08 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.49 -0.98 0.00	26.86 -1.08 0.00	23.99 -1.00 0.00	22.84 -1.05 0.00	24.69 -1.19 0.00	28.69 -1.42 0.00	32.93 -1.97 0.00	31.12 -1.95 0.00	33.33 -2.31 0.00	35.04 -2.07 0.00	33.05 -1.94 0.00	31.03 -1.93 0.00	31.44 -2.26 0.00	30.18 -2.38 0.00	24.02 -1.82 0.00	23.90 -1.57 0.00	23.41 -1.84 0.00	29.19 -2.50 0.00	33.27 -3.16 0.00	34.66 -3.04 0.00	34.67 -2.80 0.00	35.18 -2.29 0.00	31.16 -1.59 0.00	29.07 -0.92 0.00
LOCKPORT___CC1 323769	29.47 -1.00 0.00	26.85 -1.10 0.00	23.98 -1.01 0.00	22.84 -1.06 0.00	24.68 -1.20 0.00	28.68 -1.44 0.00	32.92 -1.98 0.00	31.09 -1.98 0.00	33.31 -2.33 0.00	35.02 -2.09 0.00	33.05 -1.94 0.00	31.02 -1.93 0.00	31.44 -2.26 0.00	30.20 -2.36 0.00	24.03 -1.81 0.00	23.90 -1.57 0.00	23.42 -1.83 0.00	29.20 -2.49 0.00	33.29 -3.14 0.00	34.66 -3.05 0.00	34.65 -2.82 0.00	35.18 -2.29 0.00	31.15 -1.60 0.00	29.05 -0.93 0.00
LOCKPORT___CC2 323770	29.47 -1.00 0.00	26.85 -1.10 0.00	23.98 -1.01 0.00	22.84 -1.06 0.00	24.68 -1.20 0.00	28.68 -1.44 0.00	32.92 -1.98 0.00	31.09 -1.98 0.00	33.31 -2.33 0.00	35.02 -2.09 0.00	33.05 -1.94 0.00	31.02 -1.93 0.00	31.44 -2.26 0.00	30.20 -2.36 0.00	24.03 -1.81 0.00	23.90 -1.57 0.00	23.42 -1.83 0.00	29.20 -2.49 0.00	33.29 -3.14 0.00	34.66 -3.05 0.00	34.65 -2.82 0.00	35.18 -2.29 0.00	31.15 -1.60 0.00	29.05 -0.93 0.00
LOCKPORT___CC3 323771	29.47 -1.00 0.00	26.85 -1.10 0.00	23.98 -1.01 0.00	22.84 -1.06 0.00	24.68 -1.20 0.00	28.68 -1.44 0.00	32.92 -1.98 0.00	31.09 -1.98 0.00	33.31 -2.33 0.00	35.02 -2.09 0.00	33.05 -1.94 0.00	31.02 -1.93 0.00	31.44 -2.26 0.00	30.20 -2.36 0.00	24.03 -1.81 0.00	23.90 -1.57 0.00	23.42 -1.83 0.00	29.20 -2.49 0.00	33.29 -3.14 0.00	34.66 -3.05 0.00	34.65 -2.82 0.00	35.18 -2.29 0.00	31.15 -1.60 0.00	29.05 -0.93 0.00
LOCUSVLY_69_KV_BK2 55797	31.74 1.27 0.00	29.04 1.10 0.00	25.88 0.89 0.00	24.68 0.78 0.00	26.65 0.76 0.00	31.10 0.98 0.00	36.04 1.14 0.00	34.46 1.24 -0.16	37.19 1.55 0.00	38.89 1.78 0.00	36.93 1.95 0.00	35.03 2.02 -0.06	36.27 2.44 -0.12	35.32 2.42 -0.34	27.83 1.99 -0.01	27.40 1.93 0.00	27.23 1.98 0.00	34.15 2.46 0.00	39.02 2.59 0.00	39.90 2.19 0.00	39.37 1.90 0.00	39.18 1.71 0.00	34.24 1.49 0.00	31.30 1.31 0.00
LONG_LAKE_PHOENIX 24014	29.83 -0.64 0.00	27.33 -0.61 0.00	24.45 -0.54 0.00	23.37 -0.53 0.00	25.29 -0.60 0.00	29.42 -0.69 0.00	34.02 -0.88 0.00	32.25 -0.81 0.00	34.68 -0.96 0.00	36.14 -0.96 0.00	34.04 -0.94 0.00	32.03 -0.93 0.00	32.71 -1.00 0.00	31.64 -0.92 0.00	25.06 -0.78 0.00	24.71 -0.76 0.00	24.50 -0.75 0.00	30.77 -0.92 0.00	35.37 -1.06 0.00	36.72 -0.99 0.00	36.49 -0.98 0.00	36.49 -0.98 0.00	31.89 -0.86 0.00	29.21 -0.78 0.00
LOVETT___3 23632	31.26 0.79 0.00	28.66 0.71 0.00	25.60 0.60 0.00	24.43 0.54 0.00	26.37 0.48 0.00	30.71 0.60 0.00	35.62 0.72 0.00	33.96 0.75 -0.14	36.55 0.91 0.00	38.19 1.08 0.00	36.04 1.06 0.00	34.11 1.10 -0.05	35.25 1.43 -0.11	34.42 1.56 -0.30	27.13 1.28 -0.01	26.71 1.24 0.00	26.60 1.35 0.00	33.40 1.70 0.00	38.20 1.78 0.00	39.14 1.43 0.00	38.71 1.23 0.00	38.53 1.06 0.00	33.67 0.92 0.00	30.75 0.76 0.00
LOVETT___4 23642	31.26 0.79 0.00	28.66 0.71 0.00	25.60 0.60 0.00	24.43 0.54 0.00	26.37 0.48 0.00	30.71 0.60 0.00	35.62 0.72 0.00	33.96 0.75 -0.14	36.55 0.91 0.00	38.19 1.08 0.00	36.04 1.06 0.00	34.11 1.10 -0.05	35.25 1.43 -0.11	34.42 1.56 -0.30	27.13 1.28 -0.01	26.71 1.24 0.00	26.60 1.35 0.00	33.40 1.70 0.00	38.20 1.78 0.00	39.14 1.43 0.00	38.71 1.23 0.00	38.53 1.06 0.00	33.67 0.92 0.00	30.75 0.76 0.00
LOVETT___5 23593	31.26 0.79 0.00	28.66 0.71 0.00	25.60 0.60 0.00	24.43 0.54 0.00	26.37 0.48 0.00	30.71 0.60 0.00	35.62 0.72 0.00	33.96 0.75 -0.14	36.55 0.91 0.00	38.19 1.08 0.00	36.04 1.06 0.00	34.11 1.10 -0.05	35.25 1.43 -0.11	34.42 1.56 -0.30	27.13 1.28 -0.01	26.71 1.24 0.00	26.60 1.35 0.00	33.40 1.70 0.00	38.20 1.78 0.00	39.14 1.43 0.00	38.71 1.23 0.00	38.53 1.06 0.00	33.67 0.92 0.00	30.75 0.76 0.00
LOWER RAQUET___HYD 24057	31.04 0.57 0.00	28.69 0.75 0.00	25.67 0.68 0.00	24.59 0.69 0.00	26.80 0.92 0.00	31.24 1.13 0.00	36.37 1.47 0.00	34.55 1.48 0.00	37.21 1.57 0.00	38.45 1.35 0.00	36.47 1.49 0.00	34.26 1.30 0.00	34.41 0.71 0.00	32.93 0.37 0.00	25.86 0.04 0.00	25.40 -0.07 0.00	25.08 -0.17 0.00	31.54 -0.15 0.00	36.41 -0.02 0.00	38.31 0.61 0.00	38.35 0.89 0.00	38.59 1.13 0.00	33.78 1.03 0.00	31.12 1.13 0.00
LOWER___HUDSON 24059	31.20 0.73 0.00	28.66 0.72 0.00	25.69 0.70 0.00	24.54 0.64 0.00	26.52 0.64 0.00	30.87 0.75 0.00	35.74 0.84 0.00	33.55 0.65 0.17	36.50 0.86 0.00	37.95 0.84 0.00	35.69 0.71 0.00	33.58 0.68 0.06	34.35 0.78 0.13	33.05 0.86 0.37	26.53 0.72 0.01	26.17 0.70 0.00	26.00 0.75 0.00	32.67 0.98 0.00	37.59 1.17 0.00	38.84 1.13 0.00	38.53 1.06 0.00	38.40 0.93 0.00	33.50 0.74 0.00	30.64 0.65 0.00
LOWVILLE_115KV_TB2 356335	30.68 0.21 0.00	28.52 0.58 0.00	25.78 0.78 0.00	24.67 0.77 0.00	26.70 0.82 0.00	31.31 1.20 0.00	36.43 1.53 0.00	34.59 1.52 0.00	37.22 1.58 0.00	38.50 1.40 0.00	36.15 1.17 0.00	33.96 1.00 0.00	34.17 0.46 0.00	32.65 0.09 0.00	25.77 -0.06 0.00	25.12 -0.35 0.00	24.82 -0.43 0.00	31.15 -0.54 0.00	36.32 -0.11 0.00	38.50 0.80 0.00	38.74 1.27 0.00	38.86 1.39 0.00	34.01 1.26 0.00	30.96 0.97 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.75 1.28 0.00	29.12 1.18 0.00	26.08 1.09 0.00	24.91 1.01 0.00	26.95 1.07 0.00	31.37 1.26 0.00	36.42 1.52 0.00	34.34 1.40 0.13	37.21 1.58 0.00	38.65 1.54 0.00	36.25 1.27 0.00	34.02 1.12 0.05	34.83 1.23 0.10	33.58 1.30 0.29	26.82 1.00 0.01	26.48 1.01 0.00	26.29 1.04 0.00	33.20 1.51 0.00	38.30 1.88 0.00	39.64 1.93 0.00	39.30 1.83 0.00	39.14 1.68 0.00	34.12 1.36 0.00	31.20 1.21 0.00

LUTHERNY_35_KV_BK2 355980	31.78 1.31 0.00	29.13 1.18 0.00	26.07 1.08 0.00	24.90 1.00 0.00	26.94 1.06 0.00	31.38 1.27 0.00	36.45 1.55 0.00	34.35 1.41 0.13	37.22 1.59 0.00	38.63 1.53 0.00	36.26 1.28 0.00	34.03 1.12 0.05	34.86 1.26 0.10	33.59 1.31 0.29	26.81 0.99 0.01	26.51 1.04 0.00	26.30 1.05 0.00	33.23 1.54 0.00	38.39 1.96 0.00	39.72 2.01 0.00	39.32 1.85 0.00	39.13 1.66 0.00	34.12 1.36 0.00	31.23 1.24 0.00
LWR___OSWEGATCHIE_HYD 23850	30.86 0.39 0.00	28.61 0.66 0.00	25.71 0.72 0.00	24.62 0.72 0.00	26.75 0.87 0.00	31.27 1.16 0.00	36.40 1.50 0.00	34.57 1.50 0.00	37.22 1.58 0.00	38.46 1.36 0.00	36.32 1.34 0.00	34.10 1.14 0.00	34.28 0.57 0.00	32.76 0.20 0.00	25.75 -0.08 0.00	25.19 -0.28 0.00	24.88 -0.37 0.00	31.26 -0.43 0.00	36.31 -0.11 0.00	38.39 0.68 0.00	38.54 1.07 0.00	38.72 1.25 0.00	33.89 1.14 0.00	31.05 1.06 0.00
LYONS_FALL_HYD 23570	30.82 0.35 0.00	28.50 0.56 0.00	25.65 0.66 0.00	24.54 0.64 0.00	26.56 0.68 0.00	31.07 0.96 0.00	36.12 1.22 0.00	34.27 1.20 0.00	36.90 1.26 0.00	38.25 1.14 0.00	35.93 0.95 0.00	33.81 0.85 0.00	34.23 0.52 0.00	32.82 0.26 0.00	25.95 0.11 0.00	25.39 -0.08 0.00	25.11 -0.14 0.00	31.56 -0.13 0.00	36.65 0.23 0.00	38.53 0.82 0.00	38.58 1.11 0.00	38.64 1.17 0.00	33.78 1.03 0.00	30.79 0.80 0.00
MADISON___COUNTY_LFGE 323628	30.98 0.51 0.00	28.43 0.49 0.00	25.44 0.45 0.00	24.33 0.44 0.00	26.35 0.47 0.00	30.71 0.60 0.00	35.65 0.75 0.00	33.82 0.75 0.00	36.39 0.75 0.00	37.70 0.60 0.00	35.44 0.46 0.00	33.49 0.53 0.00	34.12 0.41 0.00	32.88 0.31 0.00	26.01 0.18 0.00	25.65 0.18 0.00	25.37 0.12 0.00	31.93 0.24 0.00	36.89 0.47 0.00	38.42 0.72 0.00	38.25 0.78 0.00	38.22 0.75 0.00	33.37 0.61 0.00	30.48 0.49 0.00
MALONE___115KV_TB1 356076	31.08 0.62 0.00	28.61 0.67 0.00	25.55 0.56 0.00	24.48 0.58 0.00	26.68 0.80 0.00	31.08 0.96 0.00	36.21 1.31 0.00	34.44 1.37 0.00	37.14 1.50 0.00	38.42 1.31 0.00	36.47 1.49 0.00	34.23 1.27 0.00	34.53 0.82 0.00	33.11 0.55 0.00	26.13 0.30 0.00	25.76 0.29 0.00	25.47 0.21 0.00	32.10 0.41 0.00	37.00 0.57 0.00	38.71 1.00 0.00	38.66 1.19 0.00	38.72 1.25 0.00	33.85 1.09 0.00	31.07 1.08 0.00
MAPLEWOD_115KV_TB3 80458	31.02 0.56 0.00	28.48 0.54 0.00	25.52 0.53 0.00	24.37 0.48 0.00	26.36 0.48 0.00	30.68 0.56 0.00	35.44 0.54 0.00	33.27 0.33 0.13	36.24 0.60 0.00	37.71 0.61 0.00	35.48 0.50 0.00	33.40 0.48 0.05	34.21 0.60 0.10	33.00 0.72 0.27	26.45 0.62 0.01	26.06 0.59 0.00	25.86 0.61 0.00	32.49 0.80 0.00	37.37 0.95 0.00	38.57 0.87 0.00	38.26 0.79 0.00	38.14 0.67 0.00	33.27 0.51 0.00	30.40 0.41 0.00
MAPLE_RIDGE_WT_1 323574	30.19 -0.28 0.00	27.77 -0.17 0.00	24.94 -0.05 0.00	23.86 -0.03 0.00	25.91 0.03 0.00	30.19 0.08 0.00	35.03 0.14 0.00	33.21 0.14 0.00	35.78 0.14 0.00	37.22 0.11 0.00	35.12 0.14 0.00	33.07 0.11 0.00	33.67 -0.03 0.00	32.43 -0.13 0.00	25.73 -0.11 0.00	25.28 -0.19 0.00	25.09 -0.16 0.00	31.51 -0.18 0.00	36.23 -0.19 0.00	37.60 -0.10 0.00	37.46 0.00 0.00	37.52 0.05 0.00	32.84 0.08 0.00	30.04 0.05 0.00
MAPLE_RIDGE_WT_2 323611	30.19 -0.28 0.00	27.77 -0.17 0.00	24.94 -0.05 0.00	23.86 -0.03 0.00	25.91 0.03 0.00	30.19 0.08 0.00	35.03 0.14 0.00	33.21 0.14 0.00	35.78 0.14 0.00	37.22 0.11 0.00	35.12 0.14 0.00	33.07 0.11 0.00	33.67 -0.03 0.00	32.43 -0.13 0.00	25.73 -0.11 0.00	25.28 -0.19 0.00	25.09 -0.16 0.00	31.51 -0.18 0.00	36.23 -0.19 0.00	37.60 -0.10 0.00	37.46 0.00 0.00	37.52 0.05 0.00	32.84 0.08 0.00	30.04 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	30.73 0.26 0.00	28.24 0.30 0.00	25.24 0.25 0.00	24.18 0.29 0.00	26.34 0.45 0.00	30.63 0.51 0.00	35.65 0.75 0.00	33.86 0.79 0.00	36.49 0.85 0.00	37.84 0.73 0.00	35.83 0.84 0.00	33.65 0.69 0.00	34.09 0.39 0.00	32.73 0.17 0.00	25.89 0.06 0.00	25.55 0.08 0.00	25.32 0.06 0.00	31.91 0.22 0.00	36.69 0.26 0.00	38.19 0.48 0.00	38.06 0.60 0.00	38.05 0.58 0.00	33.27 0.52 0.00	30.55 0.56 0.00
MARSHVLE_115KV_TB1 80742	31.56 1.09 0.00	28.89 0.94 0.00	25.78 0.79 0.00	24.66 0.76 0.00	26.71 0.83 0.00	31.18 1.07 0.00	36.28 1.38 0.00	34.55 1.55 0.08	36.88 1.25 0.00	37.99 0.88 0.00	35.61 0.63 0.00	33.64 0.70 0.03	34.22 0.57 0.06	32.86 0.46 0.17	26.06 0.23 0.01	25.57 0.10 0.00	25.34 0.09 0.00	31.87 0.18 0.00	37.11 0.69 0.00	38.98 1.28 0.00	38.83 1.36 0.00	38.81 1.34 0.00	33.94 1.19 0.00	31.11 1.12 0.00
MARSH_HILL_WT_PWR 323713	30.41 -0.06 0.00	28.00 0.06 0.00	25.11 0.12 0.00	24.11 0.21 0.00	26.14 0.25 0.00	30.53 0.41 0.00	35.54 0.65 0.00	33.87 0.80 0.00	36.27 0.63 0.00	37.67 0.57 0.00	35.22 0.24 0.00	31.93 -1.03 0.00	32.05 -1.65 0.00	30.88 -1.68 0.00	24.78 -1.05 0.00	24.19 -1.29 0.00	23.89 -1.36 0.00	29.95 -1.74 0.00	34.51 -1.92 0.00	36.28 -1.42 0.00	35.94 -1.53 0.00	36.12 -1.36 0.00	31.56 -1.19 0.00	29.00 -0.99 0.00
MCINTYRE_115KV_TB2 80467	31.69 1.23 0.00	29.20 1.26 0.00	26.09 1.10 0.00	24.98 1.09 0.00	27.25 1.38 0.00	31.78 1.67 0.00	37.01 2.12 0.00	35.14 2.08 0.00	37.79 2.15 0.00	38.94 1.83 0.00	36.98 2.00 0.00	34.75 1.79 0.00	34.86 1.15 0.00	33.34 0.79 0.00	26.22 0.39 0.00	25.80 0.33 0.00	25.59 0.33 0.00	32.10 0.41 0.00	37.00 0.57 0.00	39.23 1.53 0.00	39.32 1.85 0.00	39.50 2.03 0.00	34.54 1.79 0.00	31.74 1.75 0.00
MECO_____69_KV_BK1 80468	31.90 1.43 0.00	29.23 1.28 0.00	26.10 1.11 0.00	24.94 1.05 0.00	27.03 1.15 0.00	31.54 1.43 0.00	36.69 1.79 0.00	34.91 1.92 0.08	37.37 1.73 0.00	38.33 1.22 0.00	35.51 0.52 0.00	33.50 0.57 0.03	34.43 0.79 0.06	32.91 0.53 0.18	26.15 0.33 0.01	25.56 0.09 0.00	25.36 0.11 0.00	32.04 0.35 0.00	37.67 1.25 0.00	39.67 1.96 0.00	39.49 2.02 0.00	39.42 1.94 0.00	34.40 1.65 0.00	31.46 1.47 0.00
MENANDS___115KV_TB5 355628	30.83 0.36 0.00	28.31 0.37 0.00	25.37 0.38 0.00	24.24 0.35 0.00	26.21 0.33 0.00	30.50 0.39 0.00	35.21 0.31 0.00	33.07 0.13 0.13	35.99 0.35 0.00	37.47 0.36 0.00	35.27 0.29 0.00	33.21 0.30 0.05	34.03 0.42 0.10	32.83 0.54 0.27	26.32 0.50 0.01	25.94 0.47 0.00	25.74 0.48 0.00	32.30 0.61 0.00	37.13 0.71 0.00	38.31 0.60 0.00	37.99 0.53 0.00	37.87 0.40 0.00	33.04 0.29 0.00	30.20 0.21 0.00
MG INDUSTRY___DRP 24185	30.86 0.39 0.00	28.33 0.39 0.00	25.39 0.40 0.00	24.27 0.37 0.00	26.25 0.36 0.00	30.54 0.43 0.00	35.30 0.40 0.00	33.26 0.26 0.07	36.04 0.40 0.00	37.52 0.41 0.00	35.26 0.28 0.00	33.20 0.27 0.03	33.92 0.27 0.05	32.83 0.42 0.15	26.27 0.44 0.01	25.83 0.36 0.00	25.63 0.38 0.00	32.13 0.43 0.00	37.04 0.62 0.00	38.30 0.59 0.00	38.01 0.54 0.00	37.93 0.46 0.00	33.11 0.36 0.00	30.27 0.27 0.00

MID___OSWEGATCHIE_HYD 23849	30.86 0.39 0.00	28.61 0.66 0.00	25.71 0.72 0.00	24.62 0.72 0.00	26.75 0.87 0.00	31.27 1.16 0.00	36.40 1.50 0.00	34.57 1.50 0.00	37.22 1.58 0.00	38.46 1.36 0.00	36.32 1.34 0.00	34.10 1.14 0.00	34.28 0.57 0.00	32.76 0.20 0.00	25.75 -0.08 0.00	25.19 -0.28 0.00	24.88 -0.37 0.00	31.26 -0.43 0.00	36.31 -0.11 0.00	38.39 0.68 0.00	38.54 1.07 0.00	38.72 1.25 0.00	33.89 1.14 0.00	31.05 1.06 0.00
MID___RAQUETTE_HYD 23851	31.04 0.57 0.00	28.69 0.75 0.00	25.67 0.68 0.00	24.59 0.69 0.00	26.80 0.92 0.00	31.24 1.13 0.00	36.37 1.47 0.00	34.55 1.48 0.00	37.21 1.58 0.00	38.45 1.35 0.00	36.47 1.49 0.00	34.26 1.30 0.00	34.41 0.71 0.00	32.93 0.37 0.00	25.86 0.04 0.00	25.40 -0.07 0.00	25.08 -0.17 0.00	31.54 -0.15 0.00	36.41 -0.02 0.00	38.31 0.61 0.00	38.36 0.89 0.00	38.60 1.12 0.00	33.78 1.03 0.00	31.12 1.13 0.00
MILLIKEN___1 23584	30.57 0.10 0.00	27.99 0.05 0.00	25.02 0.02 0.00	23.90 0.00 0.00	25.88 0.00 0.00	30.13 0.02 0.00	34.94 0.04 0.00	33.19 0.12 0.00	35.63 -0.01 0.00	37.14 0.03 0.00	34.86 -0.12 0.00	32.71 -0.25 0.00	33.43 -0.27 0.00	32.33 -0.23 0.00	25.58 -0.25 0.00	25.19 -0.28 0.00	24.92 -0.33 0.00	31.45 -0.23 0.00	36.32 -0.11 0.00	37.76 0.05 0.00	37.52 0.05 0.00	37.54 0.07 0.00	32.76 0.01 0.00	29.99 0.00 0.00
MILLIKEN___2 23585	30.57 0.10 0.00	27.99 0.05 0.00	25.02 0.02 0.00	23.90 0.00 0.00	25.88 0.00 0.00	30.13 0.02 0.00	34.94 0.04 0.00	33.19 0.12 0.00	35.63 -0.01 0.00	37.14 0.03 0.00	34.86 -0.12 0.00	32.71 -0.25 0.00	33.43 -0.27 0.00	32.33 -0.23 0.00	25.58 -0.25 0.00	25.19 -0.28 0.00	24.92 -0.33 0.00	31.45 -0.23 0.00	36.32 -0.11 0.00	37.76 0.05 0.00	37.52 0.05 0.00	37.54 0.07 0.00	32.76 0.01 0.00	29.99 0.00 0.00
MILLIKEN___DIESEL 23629	30.57 0.10 0.00	27.99 0.05 0.00	25.02 0.02 0.00	23.90 0.00 0.00	25.88 0.00 0.00	30.13 0.02 0.00	34.94 0.04 0.00	33.19 0.12 0.00	35.63 -0.01 0.00	37.14 0.03 0.00	34.86 -0.12 0.00	32.71 -0.25 0.00	33.43 -0.27 0.00	32.33 -0.23 0.00	25.58 -0.25 0.00	25.19 -0.28 0.00	24.92 -0.33 0.00	31.45 -0.23 0.00	36.32 -0.11 0.00	37.76 0.05 0.00	37.52 0.05 0.00	37.54 0.07 0.00	32.76 0.01 0.00	29.99 0.00 0.00
MILLSEAT___LFGE 323607	30.08 -0.39 0.00	27.39 -0.55 0.00	24.47 -0.52 0.00	23.30 -0.59 0.00	25.20 -0.68 0.00	29.32 -0.79 0.00	33.76 -1.14 0.00	31.95 -1.12 0.00	34.20 -1.44 0.00	35.74 -1.36 0.00	33.61 -1.37 0.00	31.67 -1.29 0.00	32.07 -1.64 0.00	30.83 -1.73 0.00	24.52 -1.31 0.00	24.36 -1.11 0.00	23.88 -1.38 0.00	29.82 -1.87 0.00	34.07 -2.36 0.00	35.65 -2.06 0.00	35.68 -1.79 0.00	36.12 -1.35 0.00	31.89 -0.87 0.00	29.63 -0.37 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.33 0.86 0.00	28.71 0.77 0.00	25.65 0.66 0.00	24.49 0.59 0.00	26.42 0.54 0.00	30.78 0.66 0.00	35.71 0.82 0.00	34.07 0.85 -0.15	36.68 1.04 0.00	38.32 1.21 0.00	36.17 1.19 0.00	34.25 1.24 -0.06	35.40 1.57 -0.12	34.58 1.68 -0.33	27.23 1.39 -0.01	26.82 1.35 0.00	26.69 1.44 0.00	33.52 1.83 0.00	38.33 1.91 0.00	39.27 1.56 0.00	38.84 1.37 0.00	38.64 1.17 0.00	33.76 1.01 0.00	30.82 0.83 0.00
MILLWOOD_13_KV_LOAD 356217	31.37 0.90 0.00	28.75 0.81 0.00	25.68 0.69 0.00	24.52 0.62 0.00	26.45 0.57 0.00	30.81 0.70 0.00	35.77 0.87 0.00	34.12 0.89 -0.15	36.73 1.09 0.00	38.37 1.27 0.00	36.21 1.23 0.00	34.29 1.28 -0.06	35.44 1.62 -0.12	34.62 1.73 -0.33	27.27 1.43 -0.01	26.85 1.38 0.00	26.73 1.48 0.00	33.56 1.87 0.00	38.39 1.96 0.00	39.33 1.62 0.00	38.89 1.42 0.00	38.70 1.22 0.00	33.81 1.05 0.00	30.87 0.88 0.00
MODEL_CITY_ENERGY 24167	29.26 -1.21 0.00	26.66 -1.28 0.00	23.80 -1.19 0.00	22.67 -1.22 0.00	24.50 -1.38 0.00	28.47 -1.65 0.00	32.62 -2.27 0.00	30.82 -2.25 0.00	33.03 -2.61 0.00	34.70 -2.40 0.00	32.75 -2.23 0.00	30.75 -2.21 0.00	31.17 -2.54 0.00	29.92 -2.64 0.00	23.80 -2.02 0.00	23.69 -1.79 0.00	23.21 -2.04 0.00	28.91 -2.78 0.00	32.93 -3.49 0.00	34.26 -3.45 0.00	34.27 -3.20 0.00	34.82 -2.65 0.00	30.87 -1.88 0.00	28.86 -1.13 0.00
MODERN_LFGE___ 323580	29.26 -1.21 0.00	26.66 -1.28 0.00	23.80 -1.19 0.00	22.67 -1.22 0.00	24.50 -1.38 0.00	28.47 -1.65 0.00	32.62 -2.27 0.00	30.82 -2.25 0.00	33.03 -2.61 0.00	34.70 -2.40 0.00	32.75 -2.23 0.00	30.75 -2.21 0.00	31.17 -2.54 0.00	29.92 -2.64 0.00	23.80 -2.02 0.00	23.69 -1.79 0.00	23.21 -2.04 0.00	28.91 -2.78 0.00	32.93 -3.49 0.00	34.26 -3.45 0.00	34.27 -3.20 0.00	34.82 -2.65 0.00	30.87 -1.88 0.00	28.86 -1.13 0.00
MOHAWK_PAPER___DRP 24187	31.02 0.56 0.00	28.48 0.54 0.00	25.52 0.53 0.00	24.37 0.48 0.00	26.36 0.48 0.00	30.68 0.56 0.00	35.44 0.54 0.00	33.27 0.33 0.13	36.24 0.60 0.00	37.71 0.61 0.00	35.48 0.50 0.00	33.40 0.48 0.05	34.21 0.60 0.10	33.00 0.72 0.27	26.45 0.62 0.01	26.06 0.59 0.00	25.86 0.61 0.00	32.49 0.80 0.00	37.37 0.95 0.00	38.57 0.87 0.00	38.26 0.79 0.00	38.14 0.67 0.00	33.27 0.51 0.00	30.40 0.41 0.00
MOHICAN___35_KV_115KV_LD 80490	32.29 1.82 0.00	29.58 1.64 0.00	26.51 1.52 0.00	25.33 1.44 0.00	27.40 1.52 0.00	31.90 1.79 0.00	37.06 2.16 0.00	35.04 2.10 0.13	38.01 2.37 0.00	39.43 2.33 0.00	36.86 1.88 0.00	34.54 1.63 0.05	35.32 1.72 0.10	34.04 1.76 0.28	27.15 1.33 0.01	26.82 1.35 0.00	26.68 1.42 0.00	33.84 2.15 0.00	39.01 2.58 0.00	40.45 2.74 0.00	40.10 2.63 0.00	39.88 2.41 0.00	34.74 1.98 0.00	31.74 1.75 0.00
MONGAUP___HYD 23641	31.37 0.90 0.00	28.75 0.81 0.00	25.66 0.67 0.00	24.50 0.61 0.00	26.46 0.58 0.00	30.80 0.69 0.00	35.76 0.87 0.00	34.09 0.91 -0.11	36.61 0.97 0.00	37.97 0.87 0.00	35.69 0.70 0.00	33.92 0.92 -0.04	34.94 1.15 -0.09	33.96 1.16 -0.24	26.63 0.79 -0.01	26.21 0.74 0.00	26.19 0.93 0.00	33.03 1.34 0.00	38.03 1.61 0.00	39.25 1.54 0.00	38.91 1.44 0.00	38.76 1.29 0.00	33.83 1.07 0.00	30.87 0.88 0.00
MONTAUK___DIESEL 23721	31.90 1.44 0.00	29.35 1.41 0.00	26.06 1.07 0.00	24.64 0.75 0.00	26.70 0.82 0.00	31.58 1.46 0.00	36.77 1.87 0.00	35.22 1.99 -0.16	38.18 2.54 0.00	39.87 2.77 0.00	38.26 3.27 0.00	36.34 3.32 -0.06	37.74 3.91 -0.12	36.82 3.92 -0.34	28.89 3.05 -0.01	28.39 2.92 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.21 3.78 0.00	41.41 3.71 0.00	41.13 3.66 0.00	40.97 3.50 0.00	35.72 2.97 0.00	32.34 2.35 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.96 -0.51 0.00	27.34 -0.60 0.00	24.35 -0.64 0.00	23.32 -0.58 0.00	25.16 -0.72 0.00	29.35 -0.77 0.00	34.12 -0.77 0.00	32.50 -0.57 0.00	34.63 -1.01 0.00	36.34 -0.77 0.00	34.08 -0.90 0.00	31.76 -1.20 0.00	32.26 -1.44 0.00	31.05 -1.51 0.00	24.81 -1.02 0.00	24.74 -0.73 0.00	24.15 -1.10 0.00	30.46 -1.23 0.00	34.85 -1.58 0.00	36.31 -1.40 0.00	36.15 -1.32 0.00	36.50 -0.97 0.00	32.06 -0.70 0.00	29.64 -0.35 0.00

MORRIS_RIDGE___SOLAR 323848	29.43 -1.04 0.00	26.89 -1.05 0.00	24.07 -0.93 0.00	23.02 -0.88 0.00	24.90 -0.98 0.00	28.93 -1.18 0.00	33.46 -1.44 0.00	31.88 -1.19 0.00	34.01 -1.63 0.00	35.15 -1.96 0.00	32.87 -2.12 0.00	30.70 -2.26 0.00	31.26 -2.44 0.00	30.18 -2.38 0.00	24.06 -1.77 0.00	23.97 -1.50 0.00	23.72 -1.53 0.00	29.72 -1.97 0.00	34.22 -2.21 0.00	35.81 -1.90 0.00	35.59 -1.87 0.00	35.88 -1.59 0.00	31.46 -1.29 0.00	29.04 -0.95 0.00
MORTIMER_115KV_TB3 55949	30.03 -0.44 0.00	27.40 -0.54 0.00	24.50 -0.49 0.00	23.37 -0.53 0.00	25.27 -0.61 0.00	29.40 -0.71 0.00	33.99 -0.91 0.00	32.22 -0.85 0.00	34.60 -1.04 0.00	36.17 -0.94 0.00	34.11 -0.87 0.00	32.05 -0.91 0.00	32.63 -1.07 0.00	31.41 -1.15 0.00	24.93 -0.90 0.00	24.70 -0.77 0.00	24.33 -0.93 0.00	30.48 -1.21 0.00	34.92 -1.50 0.00	36.31 -1.39 0.00	36.17 -1.29 0.00	36.42 -1.05 0.00	31.98 -0.77 0.00	29.49 -0.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.54 0.66 0.00	30.92 0.81 0.00	35.92 1.02 0.00	34.31 1.08 -0.16	36.93 1.29 0.00	38.59 1.49 0.00	36.45 1.47 0.00	34.55 1.53 -0.06	35.71 1.88 -0.12	34.90 2.00 -0.34	27.49 1.65 -0.01	27.07 1.60 0.00	26.94 1.68 0.00	33.81 2.13 0.00	38.61 2.19 0.00	39.50 1.79 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.94 1.19 0.00	30.97 0.98 0.00
MUNSVILLE_WIND_PWR 323609	32.53 2.06 0.00	29.71 1.77 0.00	26.49 1.50 0.00	25.41 1.52 0.00	27.51 1.63 0.00	32.27 2.16 0.00	37.64 2.74 0.00	35.87 2.77 -0.03	38.34 2.71 0.00	40.06 2.95 0.00	37.60 2.62 0.00	35.44 2.47 -0.01	36.11 2.38 -0.02	33.64 1.05 -0.03	26.49 0.66 0.00	25.88 0.40 0.00	25.56 0.31 0.00	32.35 0.65 0.00	37.69 1.26 0.00	39.29 1.58 0.00	39.03 1.56 0.00	38.82 1.35 0.00	34.10 1.35 0.00	31.31 1.32 0.00
N SALMON___HYD 24042	31.09 0.62 0.00	28.61 0.67 0.00	25.56 0.56 0.00	24.48 0.58 0.00	26.68 0.80 0.00	31.08 0.96 0.00	36.21 1.31 0.00	34.44 1.37 0.00	37.14 1.50 0.00	38.41 1.31 0.00	36.47 1.49 0.00	34.23 1.27 0.00	34.53 0.82 0.00	33.11 0.55 0.00	26.13 0.30 0.00	25.76 0.29 0.00	25.47 0.21 0.00	32.10 0.41 0.00	37.00 0.57 0.00	38.70 1.00 0.00	38.66 1.19 0.00	38.72 1.25 0.00	33.85 1.09 0.00	31.07 1.08 0.00
N.AKRON__115KV_KNAPP 355671	30.02 -0.45 0.00	27.34 -0.60 0.00	24.42 -0.57 0.00	23.25 -0.64 0.00	25.15 -0.73 0.00	29.26 -0.86 0.00	33.66 -1.24 0.00	31.87 -1.20 0.00	34.11 -1.53 0.00	35.70 -1.40 0.00	33.60 -1.38 0.00	31.62 -1.34 0.00	32.02 -1.68 0.00	30.75 -1.81 0.00	24.48 -1.35 0.00	24.31 -1.16 0.00	23.83 -1.42 0.00	29.77 -1.92 0.00	33.98 -2.45 0.00	35.54 -2.17 0.00	35.56 -1.90 0.00	36.01 -1.46 0.00	31.81 -0.95 0.00	29.57 -0.42 0.00
N.E_GEN_SANDY PD 24062	31.00 0.53 0.00	28.22 0.55 0.27	25.73 0.56 -0.18	24.40 0.50 0.00	26.35 0.47 0.00	30.64 0.52 0.00	36.19 0.55 -0.75	30.85 0.37 2.60	37.38 0.59 -1.15	37.75 0.65 0.00	35.56 0.58 0.00	33.47 0.64 0.13	33.78 0.82 0.74	31.39 0.91 2.09	26.52 0.77 0.08	26.22 0.75 0.00	26.10 0.85 0.00	31.71 1.05 1.03	37.57 1.14 0.00	38.68 0.97 0.00	38.35 0.87 0.00	38.19 0.72 0.00	33.31 0.55 0.00	30.45 0.46 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.31 0.84 0.00	28.69 0.75 0.00	25.62 0.63 0.00	24.47 0.57 0.00	26.40 0.52 0.00	30.75 0.63 0.00	35.70 0.81 0.00	34.04 0.83 -0.14	36.64 1.00 0.00	38.28 1.18 0.00	36.12 1.14 0.00	34.20 1.19 -0.05	35.34 1.54 -0.11	34.50 1.64 -0.30	27.20 1.35 -0.01	26.79 1.32 0.00	26.68 1.43 0.00	33.52 1.83 0.00	38.34 1.92 0.00	39.28 1.57 0.00	38.84 1.37 0.00	38.65 1.17 0.00	33.77 1.02 0.00	30.84 0.85 0.00
N.QUEENS_27_KV_LOAD 356247	31.54 1.07 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.63 0.73 0.00	26.52 0.64 0.00	30.94 0.83 0.00	36.03 1.13 0.00	34.39 1.16 -0.16	36.97 1.34 0.00	38.64 1.53 0.00	36.48 1.50 0.00	34.58 1.56 -0.06	35.78 1.96 -0.12	34.96 2.06 -0.34	27.57 1.73 -0.01	27.12 1.65 0.00	27.01 1.76 0.00	33.82 2.13 0.00	38.61 2.18 0.00	39.58 1.88 0.00	39.17 1.71 0.00	38.89 1.42 0.00	34.03 1.27 0.00	31.05 1.06 0.00
N.TROY___115KV_TB1 355778	31.20 0.74 0.00	28.66 0.72 0.00	25.69 0.70 0.00	24.54 0.64 0.00	26.52 0.64 0.00	30.87 0.75 0.00	35.74 0.84 0.00	33.55 0.65 0.17	36.51 0.86 0.00	37.95 0.84 0.00	35.69 0.71 0.00	33.58 0.68 0.06	34.35 0.78 0.13	33.05 0.86 0.37	26.53 0.72 0.01	26.17 0.70 0.00	26.00 0.75 0.00	32.67 0.98 0.00	37.59 1.17 0.00	38.84 1.13 0.00	38.53 1.06 0.00	38.40 0.93 0.00	33.50 0.75 0.00	30.64 0.65 0.00
NARROWS_GT1_1 24228	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT1_2 24229	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT1_3 24230	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT1_4 24231	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT1_5 24232	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00

NARROWS_GT1_6 24233	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT1_7 24234	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT1_8 24235	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_1 24236	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_2 24237	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_3 24238	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_4 24239	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_5 24240	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_6 24241	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_7 24242	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NARROWS_GT2_8 24243	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.22 0.75 0.00	28.64 0.70 0.00	25.67 0.68 0.00	24.52 0.62 0.00	26.54 0.65 0.00	30.91 0.80 0.00	35.74 0.84 0.00	33.81 0.79 0.05	36.63 0.99 0.00	38.09 0.98 0.00	35.77 0.78 0.00	33.55 0.60 0.02	34.18 0.51 0.04	33.14 0.68 0.11	26.51 0.68 0.00	26.18 0.71 0.00	25.85 0.59 0.00	32.49 0.80 0.00	37.56 1.14 0.00	38.96 1.25 0.00	38.72 1.25 0.00	38.56 1.09 0.00	33.60 0.85 0.00	30.65 0.66 0.00
NCHELSEA_115KV_TR2 355582	31.51 1.04 0.00	28.88 0.93 0.00	25.80 0.81 0.00	24.63 0.74 0.00	26.59 0.71 0.00	30.97 0.86 0.00	35.93 1.03 0.00	34.25 1.06 -0.12	36.88 1.24 0.00	38.49 1.39 0.00	36.32 1.33 0.00	34.39 1.39 -0.05	35.50 1.70 -0.09	34.58 1.75 -0.27	27.25 1.41 -0.01	26.88 1.40 0.00	26.75 1.50 0.00	33.64 1.95 0.00	38.53 2.11 0.00	39.54 1.83 0.00	39.12 1.65 0.00	38.92 1.45 0.00	33.97 1.21 0.00	31.00 1.01 0.00
NEG CAPITAL____MECHNVIL 23645	31.75 1.28 0.00	29.12 1.18 0.00	26.08 1.09 0.00	24.91 1.02 0.00	26.94 1.06 0.00	31.37 1.26 0.00	36.40 1.51 0.00	34.31 1.38 0.15	37.21 1.57 0.00	38.66 1.55 0.00	36.28 1.29 0.00	34.05 1.15 0.06	34.85 1.26 0.11	33.59 1.34 0.32	26.87 1.05 0.01	26.52 1.05 0.00	26.33 1.08 0.00	33.23 1.54 0.00	38.33 1.91 0.00	39.64 1.94 0.00	39.33 1.86 0.00	39.15 1.68 0.00	34.12 1.37 0.00	31.19 1.20 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.55 -0.92 0.00	26.98 -0.96 0.00	24.11 -0.88 0.00	23.01 -0.88 0.00	24.90 -0.98 0.00	28.98 -1.13 0.00	33.52 -1.38 0.00	31.79 -1.28 0.00	34.15 -1.49 0.00	35.67 -1.43 0.00	33.68 -1.31 0.00	31.70 -1.26 0.00	32.27 -1.43 0.00	31.03 -1.54 0.00	24.60 -1.23 0.00	24.33 -1.14 0.00	24.00 -1.25 0.00	30.13 -1.56 0.00	34.58 -1.84 0.00	35.91 -1.80 0.00	35.72 -1.75 0.00	35.90 -1.57 0.00	31.47 -1.28 0.00	28.97 -1.03 0.00

NEG CENTRAL___DRP 24199	30.31 -0.16 0.00	27.73 -0.21 0.00	24.79 -0.20 0.00	23.70 -0.20 0.00	25.65 -0.23 0.00	29.88 -0.23 0.00	34.64 -0.26 0.00	32.93 -0.14 0.00	35.31 -0.33 0.00	36.83 -0.28 0.00	34.57 -0.41 0.00	32.40 -0.56 0.00	33.00 -0.71 0.00	31.80 -0.76 0.00	25.23 -0.60 0.00	24.92 -0.55 0.00	24.62 -0.63 0.00	31.03 -0.66 0.00	35.70 -0.72 0.00	37.13 -0.57 0.00	36.90 -0.57 0.00	36.98 -0.49 0.00	32.30 -0.45 0.00	29.62 -0.37 0.00
NEG CENTRAL___INDECK 23768	31.21 0.74 0.00	28.55 0.60 0.00	25.54 0.55 0.00	24.42 0.53 0.00	26.49 0.61 0.00	30.91 0.80 0.00	35.93 1.03 0.00	34.16 1.09 0.00	36.53 0.89 0.00	37.87 0.76 0.00	35.42 0.43 0.00	32.71 -0.25 0.00	33.14 -0.57 0.00	31.92 -0.64 0.00	25.47 -0.36 0.00	24.88 -0.59 0.00	24.69 -0.56 0.00	30.87 -0.83 0.00	35.65 -0.78 0.00	37.37 -0.34 0.00	37.33 -0.14 0.00	37.58 0.11 0.00	32.89 0.14 0.00	30.24 0.25 0.00
NEG CENTRAL___SENECA 23627	30.37 -0.09 0.00	27.79 -0.15 0.00	24.83 -0.16 0.00	23.75 -0.14 0.00	25.71 -0.17 0.00	29.95 -0.17 0.00	34.75 -0.15 0.00	33.08 0.01 0.00	35.44 -0.20 0.00	36.99 -0.12 0.00	34.71 -0.28 0.00	32.44 -0.52 0.00	32.96 -0.74 0.00	31.73 -0.84 0.00	25.20 -0.63 0.00	24.90 -0.57 0.00	24.57 -0.68 0.00	31.00 -0.69 0.00	35.69 -0.73 0.00	37.19 -0.52 0.00	36.92 -0.54 0.00	37.01 -0.46 0.00	32.34 -0.41 0.00	29.67 -0.32 0.00
NEG CENTRAL___STATE_STREET 24147	30.40 -0.07 0.00	27.84 -0.10 0.00	24.90 -0.09 0.00	23.77 -0.12 0.00	25.75 -0.13 0.00	29.99 -0.12 0.00	34.74 -0.16 0.00	32.97 -0.10 0.00	35.39 -0.25 0.00	36.89 -0.21 0.00	34.60 -0.38 0.00	32.49 -0.47 0.00	33.25 -0.46 0.00	32.09 -0.46 0.00	25.42 -0.42 0.00	25.09 -0.38 0.00	24.83 -0.42 0.00	31.29 -0.40 0.00	36.02 -0.41 0.00	37.30 -0.40 0.00	37.08 -0.38 0.00	37.22 -0.25 0.00	32.42 -0.33 0.00	29.71 -0.28 0.00
NEG MILLWOOD___DRP 24198	31.58 1.11 0.00	28.93 0.99 0.00	25.84 0.85 0.00	24.67 0.78 0.00	26.62 0.74 0.00	31.01 0.90 0.00	36.01 1.11 0.00	34.36 1.15 -0.14	37.02 1.38 0.00	38.65 1.54 0.00	36.46 1.48 0.00	34.55 1.54 -0.05	35.68 1.86 -0.11	34.82 1.95 -0.31	27.42 1.57 -0.01	27.02 1.55 0.00	26.89 1.63 0.00	33.78 2.09 0.00	38.68 2.26 0.00	39.66 1.95 0.00	39.22 1.75 0.00	39.02 1.55 0.00	34.05 1.30 0.00	31.06 1.07 0.00
NEG NORTH_FLCN_SEA 23793	31.04 0.57 0.00	28.52 0.58 0.00	25.51 0.52 0.00	24.42 0.53 0.00	26.56 0.68 0.00	30.90 0.79 0.00	36.00 1.10 0.00	34.20 1.13 0.00	36.89 1.25 0.00	38.21 1.10 0.00	36.16 1.18 0.00	33.95 1.00 0.00	34.46 0.76 0.00	33.09 0.53 0.00	26.17 0.34 0.00	25.84 0.37 0.00	25.63 0.37 0.00	32.29 0.60 0.00	37.06 0.64 0.00	38.56 0.85 0.00	38.48 1.01 0.00	38.46 0.99 0.00	33.59 0.84 0.00	30.85 0.86 0.00
NEG NORTH_KES_CHATEGAY 23792	30.75 0.29 0.00	28.27 0.33 0.00	25.26 0.27 0.00	24.19 0.30 0.00	26.37 0.49 0.00	30.67 0.55 0.00	35.72 0.82 0.00	33.93 0.86 0.00	36.55 0.91 0.00	37.85 0.74 0.00	35.83 0.85 0.00	33.65 0.69 0.00	34.08 0.38 0.00	32.70 0.14 0.00	25.86 0.03 0.00	25.52 0.05 0.00	25.29 0.04 0.00	31.89 0.19 0.00	36.66 0.24 0.00	38.25 0.54 0.00	38.17 0.70 0.00	38.18 0.71 0.00	33.39 0.64 0.00	30.65 0.66 0.00
NEG NORTH___ALICE_FALLS 23915	31.10 0.63 0.00	28.56 0.62 0.00	25.53 0.54 0.00	24.45 0.56 0.00	26.61 0.73 0.00	30.96 0.84 0.00	36.07 1.17 0.00	34.29 1.22 0.00	36.98 1.34 0.00	38.26 1.16 0.00	36.20 1.22 0.00	33.96 1.01 0.00	34.42 0.71 0.00	33.04 0.48 0.00	26.16 0.32 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.31 0.62 0.00	37.11 0.68 0.00	38.66 0.96 0.00	38.59 1.12 0.00	38.59 1.12 0.00	33.70 0.95 0.00	30.92 0.94 0.00
NEG NORTH___LWR_SARANAC 23913	31.10 0.63 0.00	28.56 0.62 0.00	25.53 0.54 0.00	24.45 0.56 0.00	26.61 0.73 0.00	30.96 0.84 0.00	36.07 1.17 0.00	34.29 1.22 0.00	36.98 1.34 0.00	38.26 1.16 0.00	36.20 1.22 0.00	33.96 1.01 0.00	34.42 0.71 0.00	33.04 0.48 0.00	26.16 0.32 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.31 0.62 0.00	37.11 0.68 0.00	38.66 0.96 0.00	38.59 1.12 0.00	38.59 1.12 0.00	33.70 0.95 0.00	30.92 0.94 0.00
NEG NORTH___PLATTSBURG 23628	31.09 0.63 0.00	28.56 0.62 0.00	25.53 0.54 0.00	24.45 0.56 0.00	26.61 0.73 0.00	30.96 0.84 0.00	36.07 1.17 0.00	34.29 1.22 0.00	36.98 1.34 0.00	38.26 1.16 0.00	36.20 1.22 0.00	33.96 1.01 0.00	34.42 0.71 0.00	33.04 0.48 0.00	26.15 0.32 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.31 0.62 0.00	37.11 0.68 0.00	38.66 0.96 0.00	38.59 1.12 0.00	38.59 1.12 0.00	33.70 0.95 0.00	30.92 0.93 0.00
NEG WEST_LEA_LOCKPORT 23791	29.46 -1.01 0.00	26.84 -1.10 0.00	23.98 -1.01 0.00	22.83 -1.06 0.00	24.68 -1.20 0.00	28.68 -1.44 0.00	32.92 -1.98 0.00	31.10 -1.97 0.00	33.31 -2.33 0.00	35.04 -2.07 0.00	33.06 -1.93 0.00	31.03 -1.93 0.00	31.44 -2.26 0.00	30.19 -2.37 0.00	24.02 -1.81 0.00	23.90 -1.57 0.00	23.42 -1.84 0.00	29.20 -2.49 0.00	33.29 -3.14 0.00	34.66 -3.04 0.00	34.67 -2.80 0.00	35.18 -2.29 0.00	31.15 -1.60 0.00	29.06 -0.93 0.00
NEG WEST___LANCASTR 23811	29.40 -1.07 0.00	26.80 -1.14 0.00	23.96 -1.04 0.00	22.84 -1.05 0.00	24.70 -1.18 0.00	28.72 -1.40 0.00	33.15 -1.74 0.00	31.60 -1.48 0.00	33.78 -1.86 0.00	35.43 -1.67 0.00	33.40 -1.58 0.00	31.24 -1.72 0.00	31.74 -1.97 0.00	30.51 -2.05 0.00	24.28 -1.55 0.00	24.14 -1.33 0.00	23.64 -1.61 0.00	29.64 -2.05 0.00	33.82 -2.61 0.00	35.18 -2.53 0.00	35.05 -2.42 0.00	35.44 -2.03 0.00	31.19 -1.57 0.00	28.91 -1.08 0.00
NEG_PENN_ALLEGHNY 23528	30.25 -0.22 0.00	27.70 -0.24 0.00	24.75 -0.23 0.00	23.67 -0.22 0.00	25.62 -0.26 0.00	29.82 -0.30 0.00	34.56 -0.34 0.00	32.90 -0.17 0.00	35.27 -0.37 0.00	36.87 -0.24 0.00	34.73 -0.25 0.00	32.59 -0.37 0.00	33.30 -0.40 0.00	32.22 -0.34 0.00	25.58 -0.25 0.00	25.28 -0.19 0.00	24.96 -0.29 0.00	31.41 -0.28 0.00	36.06 -0.36 0.00	37.41 -0.29 0.00	37.08 -0.39 0.00	37.10 -0.37 0.00	32.41 -0.34 0.00	29.72 -0.27 0.00
NEG___GEN_MONROE 24207	30.27 -0.20 0.00	27.63 -0.31 0.00	24.66 -0.33 0.00	23.51 -0.39 0.00	25.40 -0.48 0.00	29.59 -0.53 0.00	34.20 -0.70 0.00	32.41 -0.67 0.00	34.75 -0.89 0.00	36.29 -0.81 0.00	34.15 -0.83 0.00	32.10 -0.86 0.00	32.69 -1.02 0.00	31.44 -1.12 0.00	24.97 -0.87 0.00	24.75 -0.72 0.00	24.36 -0.89 0.00	30.51 -1.18 0.00	34.93 -1.49 0.00	36.42 -1.28 0.00	36.34 -1.13 0.00	36.61 -0.86 0.00	32.16 -0.60 0.00	29.69 -0.30 0.00
NEPA___ENERGY 23901	29.49 -0.98 0.00	26.91 -1.03 0.00	23.99 -1.00 0.00	22.95 -0.94 0.00	24.82 -1.07 0.00	28.86 -1.26 0.00	33.34 -1.56 0.00	31.89 -1.18 0.00	33.90 -1.74 0.00	35.67 -1.43 0.00	33.57 -1.42 0.00	31.28 -1.68 0.00	31.87 -1.83 0.00	30.75 -1.81 0.00	24.49 -1.34 0.00	24.39 -1.08 0.00	23.88 -1.38 0.00	30.10 -1.59 0.00	34.31 -2.12 0.00	35.74 -1.96 0.00	35.44 -2.03 0.00	35.77 -1.70 0.00	31.36 -1.39 0.00	29.02 -0.97 0.00

NEVERSINK___HYD 23608	30.96 0.50 0.00	28.37 0.43 0.00	25.33 0.34 0.00	24.17 0.28 0.00	26.11 0.23 0.00	30.41 0.30 0.00	35.32 0.42 0.00	33.66 0.50 -0.08	36.25 0.61 0.00	37.80 0.69 0.00	35.60 0.62 0.00	33.69 0.70 -0.03	34.59 0.82 -0.06	32.71 -0.04 -0.19	25.81 -0.03 -0.01	25.46 -0.01 0.00	25.38 0.13 0.00	31.99 0.30 0.00	36.77 0.35 0.00	37.82 0.12 0.00	37.51 0.04 0.00	38.29 0.82 0.00	33.42 0.66 0.00	30.49 0.50 0.00
NEWKRMKL_115KV_TB1 55635	30.69 0.22 0.00	28.17 0.23 0.00	25.25 0.26 0.00	24.13 0.23 0.00	26.09 0.21 0.00	30.37 0.25 0.00	35.05 0.15 0.00	32.98 0.03 0.11	35.84 0.20 0.00	37.31 0.20 0.00	35.11 0.13 0.00	33.07 0.16 0.04	33.88 0.26 0.09	32.71 0.39 0.24	26.22 0.40 0.01	25.84 0.37 0.00	25.62 0.37 0.00	32.17 0.48 0.00	36.98 0.56 0.00	38.15 0.44 0.00	37.84 0.37 0.00	37.71 0.24 0.00	32.91 0.15 0.00	30.07 0.07 0.00
NEWTON___FALLS_HYD 23847	30.86 0.39 0.00	28.61 0.66 0.00	25.71 0.72 0.00	24.62 0.72 0.00	26.75 0.87 0.00	31.27 1.16 0.00	36.40 1.50 0.00	34.57 1.50 0.00	37.22 1.58 0.00	38.46 1.36 0.00	36.32 1.34 0.00	34.10 1.14 0.00	34.28 0.57 0.00	32.76 0.20 0.00	25.75 -0.08 0.00	25.19 -0.28 0.00	24.88 -0.37 0.00	31.26 -0.43 0.00	36.31 -0.11 0.00	38.39 0.68 0.00	38.54 1.07 0.00	38.72 1.25 0.00	33.89 1.14 0.00	31.05 1.06 0.00
NGRID_A1_DSASP 323792	29.06 -1.40 0.00	26.48 -1.46 0.00	23.65 -1.34 0.00	22.52 -1.37 0.00	24.33 -1.55 0.00	28.35 -1.77 0.00	32.49 -2.41 0.00	30.74 -2.32 0.00	32.97 -2.66 0.00	34.65 -2.46 0.00	32.74 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.91 -2.65 0.00	23.78 -2.05 0.00	23.66 -1.81 0.00	23.19 -2.07 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.14 -3.33 0.00	34.72 -2.75 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
NGRID_A2_DSASP 323793	29.06 -1.40 0.00	26.48 -1.46 0.00	23.65 -1.34 0.00	22.52 -1.37 0.00	24.33 -1.55 0.00	28.35 -1.77 0.00	32.49 -2.41 0.00	30.74 -2.32 0.00	32.97 -2.66 0.00	34.65 -2.46 0.00	32.74 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.91 -2.65 0.00	23.78 -2.05 0.00	23.66 -1.81 0.00	23.19 -2.07 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.14 -3.33 0.00	34.72 -2.75 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
NGRID_A4_DSASP 323807	29.06 -1.40 0.00	26.48 -1.46 0.00	23.65 -1.34 0.00	22.52 -1.37 0.00	24.33 -1.55 0.00	28.35 -1.77 0.00	32.49 -2.41 0.00	30.74 -2.32 0.00	32.97 -2.66 0.00	34.65 -2.46 0.00	32.74 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.91 -2.65 0.00	23.78 -2.05 0.00	23.66 -1.81 0.00	23.19 -2.07 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.14 -3.33 0.00	34.72 -2.75 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
NIAGARA_115E_LBMP 323715	29.14 -1.33 0.00	26.56 -1.38 0.00	23.71 -1.28 0.00	22.58 -1.32 0.00	24.40 -1.48 0.00	28.34 -1.77 0.00	32.45 -2.44 0.00	30.65 -2.42 0.00	32.86 -2.78 0.00	34.52 -2.58 0.00	32.59 -2.40 0.00	30.59 -2.37 0.00	31.01 -2.70 0.00	29.77 -2.79 0.00	23.68 -2.15 0.00	23.57 -1.90 0.00	23.09 -2.16 0.00	28.75 -2.94 0.00	32.73 -3.69 0.00	34.03 -3.67 0.00	34.05 -3.42 0.00	34.60 -2.87 0.00	30.72 -2.04 0.00	28.74 -1.25 0.00
NIAGARA_115W_LBMP 323714	29.01 -1.46 0.00	26.43 -1.52 0.00	23.61 -1.38 0.00	22.48 -1.42 0.00	24.29 -1.60 0.00	28.30 -1.81 0.00	32.43 -2.47 0.00	30.68 -2.39 0.00	32.91 -2.73 0.00	34.59 -2.52 0.00	32.67 -2.31 0.00	30.68 -2.28 0.00	31.10 -2.60 0.00	29.85 -2.72 0.00	23.73 -2.10 0.00	23.61 -1.86 0.00	23.14 -2.11 0.00	28.83 -2.86 0.00	32.81 -3.61 0.00	34.10 -3.61 0.00	34.08 -3.39 0.00	34.65 -2.81 0.00	30.71 -2.04 0.00	28.61 -1.38 0.00
NIAGARA_230_LBMP 323716	29.22 -1.25 0.00	26.63 -1.32 0.00	23.80 -1.19 0.00	22.66 -1.23 0.00	24.48 -1.40 0.00	28.44 -1.68 0.00	32.69 -2.20 0.00	30.96 -2.11 0.00	33.20 -2.44 0.00	34.87 -2.24 0.00	32.94 -2.04 0.00	30.91 -2.05 0.00	31.36 -2.35 0.00	30.10 -2.46 0.00	23.93 -1.90 0.00	23.81 -1.66 0.00	23.33 -1.92 0.00	29.10 -2.59 0.00	33.14 -3.28 0.00	34.45 -3.26 0.00	34.41 -3.05 0.00	34.95 -2.52 0.00	30.95 -1.81 0.00	28.81 -1.19 0.00
NIAGARA___115KV_198_GIBSON 55903	29.01 -1.47 0.00	26.42 -1.52 0.00	23.61 -1.38 0.00	22.47 -1.42 0.00	24.29 -1.60 0.00	28.30 -1.81 0.00	32.43 -2.47 0.00	30.70 -2.37 0.00	32.91 -2.73 0.00	34.60 -2.51 0.00	32.68 -2.30 0.00	30.68 -2.28 0.00	31.11 -2.60 0.00	29.84 -2.72 0.00	23.72 -2.11 0.00	23.62 -1.86 0.00	23.13 -2.12 0.00	28.83 -2.86 0.00	32.81 -3.61 0.00	34.10 -3.61 0.00	34.09 -3.38 0.00	34.64 -2.83 0.00	30.71 -2.04 0.00	28.61 -1.38 0.00
NIAGARA____ 23760	29.22 -1.25 0.00	26.63 -1.32 0.00	23.80 -1.19 0.00	22.66 -1.23 0.00	24.48 -1.40 0.00	28.44 -1.68 0.00	32.69 -2.20 0.00	30.96 -2.11 0.00	33.20 -2.44 0.00	34.87 -2.24 0.00	32.94 -2.04 0.00	30.91 -2.05 0.00	31.36 -2.35 0.00	30.10 -2.46 0.00	23.93 -1.90 0.00	23.81 -1.66 0.00	23.33 -1.92 0.00	29.10 -2.59 0.00	33.14 -3.28 0.00	34.45 -3.26 0.00	34.41 -3.05 0.00	34.95 -2.52 0.00	30.95 -1.81 0.00	28.81 -1.19 0.00
NINE_MILE_1 23575	29.50 -0.97 0.00	27.04 -0.90 0.00	24.18 -0.81 0.00	23.12 -0.78 0.00	25.02 -0.86 0.00	29.09 -1.02 0.00	33.63 -1.27 0.00	31.86 -1.21 0.00	34.28 -1.36 0.00	35.71 -1.39 0.00	33.65 -1.33 0.00	31.69 -1.27 0.00	32.38 -1.32 0.00	31.29 -1.27 0.00	24.81 -1.03 0.00	24.48 -0.99 0.00	24.24 -1.02 0.00	30.42 -1.27 0.00	34.98 -1.44 0.00	36.26 -1.44 0.00	36.03 -1.44 0.00	36.05 -1.42 0.00	31.53 -1.23 0.00	28.89 -1.10 0.00
NINE_MILE_2 23744	29.50 -0.97 0.00	27.04 -0.90 0.00	24.18 -0.81 0.00	23.12 -0.78 0.00	25.02 -0.86 0.00	29.10 -1.02 0.00	33.63 -1.27 0.00	31.86 -1.21 0.00	34.28 -1.36 0.00	35.71 -1.39 0.00	33.65 -1.33 0.00	31.69 -1.27 0.00	32.38 -1.32 0.00	31.29 -1.27 0.00	24.81 -1.02 0.00	24.48 -0.99 0.00	24.24 -1.02 0.00	30.42 -1.27 0.00	34.98 -1.44 0.00	36.26 -1.44 0.00	36.03 -1.44 0.00	36.06 -1.41 0.00	31.53 -1.23 0.00	28.90 -1.09 0.00
NM_CAPITAL___DRP 24208	30.76 0.29 0.00	28.24 0.30 0.00	25.31 0.33 0.00	24.18 0.29 0.00	26.15 0.27 0.00	30.43 0.32 0.00	35.13 0.23 0.00	33.00 0.06 0.12	35.90 0.26 0.00	37.37 0.26 0.00	35.18 0.20 0.00	33.14 0.23 0.05	33.94 0.34 0.10	32.76 0.47 0.27	26.26 0.44 0.01	25.90 0.42 0.00	25.68 0.43 0.00	32.23 0.54 0.00	37.05 0.63 0.00	38.21 0.51 0.00	37.90 0.43 0.00	37.79 0.32 0.00	32.97 0.21 0.00	30.13 0.14 0.00
NM_CENTRAL___DRP 24181	30.02 -0.45 0.00	27.49 -0.45 0.00	24.59 -0.40 0.00	23.50 -0.40 0.00	25.43 -0.45 0.00	29.58 -0.53 0.00	34.24 -0.66 0.00	32.46 -0.61 0.00	34.91 -0.73 0.00	36.39 -0.72 0.00	34.30 -0.68 0.00	32.30 -0.66 0.00	32.99 -0.71 0.00	31.87 -0.69 0.00	25.26 -0.58 0.00	24.90 -0.57 0.00	24.64 -0.62 0.00	30.93 -0.76 0.00	35.58 -0.84 0.00	36.90 -0.80 0.00	36.67 -0.79 0.00	36.72 -0.76 0.00	32.09 -0.66 0.00	29.39 -0.60 0.00

NM_FRONTIER___DRP 24179	29.01 -1.47 0.00	26.42 -1.52 0.00	23.61 -1.38 0.00	22.47 -1.42 0.00	24.29 -1.60 0.00	28.30 -1.81 0.00	32.43 -2.47 0.00	30.70 -2.37 0.00	32.91 -2.73 0.00	34.60 -2.51 0.00	32.68 -2.30 0.00	30.68 -2.28 0.00	31.11 -2.60 0.00	29.84 -2.72 0.00	23.72 -2.11 0.00	23.62 -1.86 0.00	23.13 -2.12 0.00	28.83 -2.86 0.00	32.81 -3.61 0.00	34.10 -3.61 0.00	34.09 -3.38 0.00	34.64 -2.83 0.00	30.71 -2.04 0.00	28.61 -1.38 0.00
NM_ST_REGIS___HYD 24053	31.07 0.60 0.00	28.69 0.75 0.00	25.66 0.67 0.00	24.58 0.68 0.00	26.79 0.91 0.00	31.23 1.12 0.00	36.36 1.46 0.00	34.55 1.48 0.00	37.23 1.59 0.00	38.47 1.37 0.00	36.49 1.51 0.00	34.27 1.31 0.00	34.45 0.75 0.00	32.98 0.42 0.00	25.94 0.10 0.00	25.49 0.02 0.00	25.18 -0.07 0.00	31.69 0.00 0.00	36.56 0.13 0.00	38.44 0.73 0.00	38.47 1.00 0.00	38.66 1.19 0.00	33.82 1.07 0.00	31.14 1.15 0.00
NORTHPORT___1 23551	31.54 1.08 0.00	28.87 0.93 0.00	25.71 0.72 0.00	24.48 0.58 0.00	26.45 0.57 0.00	30.91 0.80 0.00	35.78 0.88 0.00	34.24 1.01 -0.16	36.92 1.28 0.00	38.63 1.52 0.00	36.80 1.82 0.00	34.93 1.91 -0.06	36.19 2.35 -0.13	35.15 2.25 -0.34	27.61 1.76 -0.01	27.16 1.69 0.00	26.97 1.71 0.00	33.75 2.06 0.00	38.51 2.08 0.00	39.42 1.71 0.00	38.81 1.34 0.00	38.73 1.26 0.00	34.00 1.25 0.00	31.18 1.19 0.00
NORTHPORT___2 23552	31.54 1.08 0.00	28.87 0.93 0.00	25.71 0.72 0.00	24.48 0.58 0.00	26.45 0.57 0.00	30.91 0.80 0.00	35.78 0.88 0.00	34.24 1.01 -0.16	36.92 1.28 0.00	38.63 1.52 0.00	36.80 1.82 0.00	34.93 1.91 -0.06	36.19 2.35 -0.13	35.15 2.25 -0.34	27.61 1.76 -0.01	27.16 1.69 0.00	26.97 1.71 0.00	33.75 2.06 0.00	38.51 2.08 0.00	39.42 1.71 0.00	38.81 1.34 0.00	38.73 1.26 0.00	34.00 1.25 0.00	31.18 1.19 0.00
NORTHPORT___3 23553	31.53 1.06 0.00	28.84 0.90 0.00	25.69 0.69 0.00	24.48 0.58 0.00	26.43 0.55 0.00	30.87 0.76 0.00	35.77 0.88 0.00	34.22 0.99 -0.16	36.91 1.28 0.00	38.60 1.50 0.00	36.74 1.75 0.00	34.87 1.85 -0.06	36.14 2.31 -0.13	35.14 2.24 -0.34	27.64 1.79 -0.01	27.21 1.74 0.00	27.01 1.76 0.00	33.85 2.16 0.00	38.62 2.20 0.00	39.51 1.80 0.00	38.93 1.46 0.00	38.78 1.31 0.00	33.99 1.24 0.00	31.12 1.13 0.00
NORTHPORT___4 23650	31.53 1.06 0.00	28.84 0.90 0.00	25.69 0.69 0.00	24.48 0.58 0.00	26.43 0.55 0.00	30.87 0.76 0.00	35.77 0.88 0.00	34.22 0.99 -0.16	36.91 1.28 0.00	38.60 1.50 0.00	36.74 1.75 0.00	34.87 1.85 -0.06	36.14 2.31 -0.13	35.14 2.24 -0.34	27.64 1.79 -0.01	27.21 1.74 0.00	27.01 1.76 0.00	33.85 2.16 0.00	38.62 2.20 0.00	39.51 1.80 0.00	38.93 1.46 0.00	38.78 1.31 0.00	33.99 1.24 0.00	31.12 1.13 0.00
NORTHPORT___IC 23718	31.54 1.08 0.00	28.87 0.93 0.00	25.71 0.72 0.00	24.48 0.58 0.00	26.45 0.57 0.00	30.91 0.80 0.00	35.78 0.88 0.00	34.23 1.01 -0.16	36.92 1.28 0.00	38.63 1.52 0.00	36.81 1.82 0.00	34.93 1.91 -0.06	36.18 2.36 -0.12	35.18 2.27 -0.34	27.61 1.76 -0.01	27.16 1.68 0.00	26.97 1.72 0.00	33.75 2.06 0.00	38.50 2.08 0.00	39.42 1.71 0.00	38.81 1.34 0.00	38.73 1.26 0.00	34.00 1.25 0.00	31.18 1.18 0.00
NORTH___COUNTRY_ESR 323785	30.69 0.22 0.00	28.21 0.27 0.00	25.20 0.21 0.00	24.15 0.25 0.00	26.31 0.43 0.00	30.60 0.48 0.00	35.63 0.73 0.00	33.84 0.78 0.00	36.47 0.83 0.00	37.82 0.72 0.00	35.82 0.84 0.00	33.65 0.69 0.00	34.08 0.37 0.00	32.70 0.14 0.00	25.86 0.03 0.00	25.52 0.05 0.00	25.29 0.04 0.00	31.88 0.19 0.00	36.66 0.24 0.00	38.17 0.46 0.00	38.06 0.59 0.00	38.06 0.59 0.00	33.30 0.54 0.00	30.57 0.58 0.00
NPX_GEN_1385_PROXY 323591	31.41 0.94 0.00	28.86 0.92 0.00	25.71 0.72 0.00	24.48 0.58 0.00	26.45 0.57 0.00	30.91 0.80 0.00	35.70 0.80 0.00	34.23 1.00 -0.16	36.83 1.19 0.00	38.45 1.34 0.00	36.54 1.56 0.00	34.65 1.63 -0.06	35.79 1.96 -0.13	34.67 1.77 -0.34	27.21 1.37 -0.01	26.76 1.29 0.00	26.71 1.46 0.00	33.72 2.03 0.00	38.35 1.93 0.00	39.41 1.71 0.00	38.70 1.23 0.00	38.63 1.16 0.00	33.88 1.13 0.00	31.06 1.07 0.00
NPX_GEN_CSC 323557	31.30 0.83 0.00	28.61 0.67 0.00	25.44 0.45 0.00	24.19 0.30 0.00	26.15 0.27 0.00	30.63 0.52 0.00	35.52 0.62 0.00	34.03 0.80 -0.16	36.76 1.12 0.00	38.43 1.32 0.00	36.69 1.70 0.00	34.86 1.84 -0.06	36.17 2.34 -0.13	35.21 2.31 -0.34	27.72 1.88 -0.01	27.34 1.87 0.00	27.15 1.90 0.00	34.07 2.38 0.00	38.83 2.41 0.00	39.76 2.06 0.00	39.16 1.69 0.00	38.95 1.48 0.00	34.07 1.32 0.00	31.08 1.09 0.00
NSINS_S_GLNS_FALLS 23858	32.27 1.81 0.00	29.56 1.62 0.00	26.48 1.49 0.00	25.30 1.40 0.00	27.37 1.49 0.00	31.87 1.76 0.00	37.03 2.13 0.00	35.02 2.08 0.13	37.98 2.34 0.00	39.40 2.29 0.00	36.81 1.83 0.00	34.51 1.60 0.05	35.29 1.68 0.10	34.02 1.73 0.28	27.12 1.30 0.01	26.79 1.32 0.00	26.64 1.39 0.00	33.82 2.13 0.00	38.98 2.55 0.00	40.43 2.72 0.00	40.08 2.61 0.00	39.87 2.40 0.00	34.71 1.96 0.00	31.73 1.74 0.00
NUCOR_STEEL___DRP 24197	30.37 -0.09 0.00	27.82 -0.12 0.00	24.88 -0.11 0.00	23.75 -0.14 0.00	25.74 -0.14 0.00	29.96 -0.15 0.00	34.70 -0.20 0.00	32.91 -0.16 0.00	35.34 -0.29 0.00	36.85 -0.25 0.00	34.55 -0.43 0.00	32.45 -0.51 0.00	33.25 -0.46 0.00	32.10 -0.46 0.00	25.42 -0.41 0.00	25.09 -0.38 0.00	24.83 -0.42 0.00	31.28 -0.40 0.00	36.01 -0.42 0.00	37.27 -0.44 0.00	37.04 -0.43 0.00	37.21 -0.26 0.00	32.39 -0.36 0.00	29.66 -0.33 0.00
NUMBER_THREE_WT_PWR 323818	30.63 0.17 0.00	28.50 0.56 0.00	25.77 0.78 0.00	24.66 0.77 0.00	26.69 0.81 0.00	31.30 1.19 0.00	36.42 1.52 0.00	34.58 1.51 0.00	37.20 1.56 0.00	38.49 1.38 0.00	36.14 1.16 0.00	33.95 0.99 0.00	34.16 0.45 0.00	32.63 0.07 0.00	25.74 -0.09 0.00	25.09 -0.38 0.00	24.78 -0.47 0.00	31.09 -0.60 0.00	36.27 -0.15 0.00	38.46 0.75 0.00	38.71 1.24 0.00	38.84 1.37 0.00	34.00 1.25 0.00	30.95 0.96 0.00
NYISO_LBMP_REFERENCE 24008	30.47 0.00 0.00	27.94 0.00 0.00	24.99 0.00 0.00	23.90 0.00 0.00	25.88 0.00 0.00	30.11 0.00 0.00	34.90 0.00 0.00	33.07 0.00 0.00	35.64 0.00 0.00	37.11 0.00 0.00	34.98 0.00 0.00	32.96 0.00 0.00	33.70 0.00 0.00	32.56 0.00 0.00	25.83 0.00 0.00	25.47 0.00 0.00	25.25 0.00 0.00	31.69 0.00 0.00	36.42 0.00 0.00	37.71 0.00 0.00	37.47 0.00 0.00	37.47 0.00 0.00	32.75 0.00 0.00	29.99 0.00 0.00
NYPA_BRENTWD____GT 24164	31.89 1.42 0.00	29.15 1.21 0.00	25.95 0.96 0.00	24.70 0.80 0.00	26.69 0.81 0.00	31.20 1.09 0.00	35.94 1.04 0.00	34.42 1.19 -0.16	37.11 1.48 0.00	38.87 1.77 0.00	37.21 2.23 0.00	35.34 2.32 -0.06	36.62 2.79 -0.13	35.67 2.76 -0.34	28.00 2.15 -0.01	27.61 2.14 0.00	27.44 2.19 0.00	34.37 2.68 0.00	39.19 2.76 0.00	40.13 2.43 0.00	39.52 2.05 0.00	39.35 1.88 0.00	34.48 1.73 0.00	31.54 1.55 0.00

NYPA_GOWANUS____GT5 24156	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NYPA_GOWANUS____GT6 24157	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.86 0.00	24.67 0.78 0.00	26.57 0.68 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.42 1.19 -0.16	36.95 1.31 0.00	38.63 1.53 0.00	36.50 1.52 0.00	34.57 1.55 -0.06	35.79 1.96 -0.12	34.97 2.07 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.09 1.62 0.00	38.79 1.32 0.00	34.04 1.28 0.00	31.06 1.07 0.00
NYPA_HARLEM__RVR__GT1 24160	31.51 1.04 0.00	28.90 0.96 0.00	25.81 0.82 0.00	24.60 0.71 0.00	26.50 0.62 0.00	30.91 0.80 0.00	36.00 1.10 0.00	34.36 1.13 -0.16	36.91 1.27 0.00	38.57 1.47 0.00	36.41 1.43 0.00	34.51 1.49 -0.06	35.71 1.89 -0.12	34.88 1.98 -0.34	27.51 1.66 -0.01	27.07 1.60 0.00	26.95 1.70 0.00	33.76 2.06 0.00	38.53 2.11 0.00	39.51 1.80 0.00	39.11 1.64 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
NYPA_HARLEM__RVR__GT2 24161	31.51 1.04 0.00	28.90 0.96 0.00	25.81 0.82 0.00	24.60 0.71 0.00	26.50 0.62 0.00	30.91 0.80 0.00	36.00 1.10 0.00	34.36 1.13 -0.16	36.91 1.27 0.00	38.57 1.47 0.00	36.41 1.43 0.00	34.51 1.49 -0.06	35.71 1.89 -0.12	34.88 1.98 -0.34	27.51 1.66 -0.01	27.07 1.60 0.00	26.95 1.70 0.00	33.76 2.06 0.00	38.53 2.11 0.00	39.51 1.80 0.00	39.11 1.64 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
NYPA_KENT____GT 24152	31.57 1.10 0.00	28.93 0.99 0.00	25.83 0.85 0.00	24.67 0.77 0.00	26.55 0.67 0.00	30.97 0.86 0.00	36.03 1.13 0.00	34.41 1.19 -0.16	36.97 1.33 0.00	38.64 1.54 0.00	36.52 1.54 0.00	34.59 1.57 -0.06	35.80 1.97 -0.12	34.98 2.07 -0.34	27.58 1.74 -0.01	27.16 1.69 0.00	27.04 1.78 0.00	33.90 2.21 0.00	38.62 2.19 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.81 1.34 0.00	34.02 1.27 0.00	31.03 1.04 0.00
NYPA_POUCH1____GT 24155	31.57 1.10 0.00	28.92 0.98 0.00	25.83 0.84 0.00	24.64 0.75 0.00	26.54 0.66 0.00	30.97 0.85 0.00	36.00 1.10 0.00	34.36 1.13 -0.16	36.83 1.20 0.00	38.51 1.41 0.00	36.40 1.41 0.00	34.44 1.43 -0.06	35.70 1.88 -0.12	34.91 2.00 -0.34	27.55 1.70 -0.01	27.14 1.67 0.00	27.02 1.77 0.00	33.87 2.17 0.00	38.52 2.10 0.00	39.39 1.68 0.00	38.97 1.51 0.00	38.68 1.21 0.00	34.00 1.25 0.00	31.05 1.06 0.00
NYPA_VERNON____GT2 24162	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.12 0.00	34.41 1.18 -0.16	36.99 1.35 0.00	38.66 1.56 0.00	36.53 1.55 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.98 2.08 -0.34	27.58 1.73 -0.01	27.16 1.69 0.00	27.02 1.77 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.52 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.02 1.02 0.00
NYPA_VERNON____GT3 24163	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.12 0.00	34.41 1.18 -0.16	36.99 1.35 0.00	38.66 1.56 0.00	36.53 1.55 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.98 2.08 -0.34	27.58 1.73 -0.01	27.16 1.69 0.00	27.02 1.77 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.52 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.02 1.02 0.00
NYPA____ASTORIA_CC1 323568	31.52 1.05 0.00	28.88 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.38 1.15 -0.16	36.95 1.31 0.00	38.62 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.04 -0.34	27.55 1.70 -0.01	27.13 1.66 0.00	26.99 1.74 0.00	33.84 2.16 0.00	38.56 2.14 0.00	39.47 1.76 0.00	39.05 1.58 0.00	38.78 1.31 0.00	33.96 1.21 0.00	30.97 0.99 0.00
NYPA____ASTORIA_CC2 323569	31.52 1.05 0.00	28.88 0.94 0.00	25.80 0.81 0.00	24.64 0.75 0.00	26.51 0.63 0.00	30.92 0.81 0.00	35.98 1.08 0.00	34.38 1.15 -0.16	36.95 1.31 0.00	38.62 1.51 0.00	36.48 1.50 0.00	34.57 1.55 -0.06	35.77 1.94 -0.12	34.95 2.04 -0.34	27.55 1.70 -0.01	27.13 1.66 0.00	26.99 1.74 0.00	33.84 2.16 0.00	38.56 2.14 0.00	39.47 1.76 0.00	39.05 1.58 0.00	38.78 1.31 0.00	33.96 1.21 0.00	30.97 0.99 0.00
NYPA____HOLTSVILL 23794	31.60 1.13 0.00	28.89 0.95 0.00	25.71 0.72 0.00	24.47 0.57 0.00	26.44 0.56 0.00	30.93 0.82 0.00	35.83 0.93 0.00	34.31 1.08 -0.16	37.02 1.38 0.00	38.74 1.63 0.00	36.94 1.96 0.00	35.08 2.07 -0.06	36.36 2.53 -0.13	35.39 2.49 -0.34	27.84 1.99 -0.01	27.44 1.96 0.00	27.24 1.99 0.00	34.17 2.48 0.00	38.95 2.52 0.00	39.88 2.17 0.00	39.27 1.80 0.00	39.09 1.62 0.00	34.23 1.48 0.00	31.29 1.30 0.00
NYPA____HELLGATE_GT1 24158	31.51 1.04 0.00	28.90 0.96 0.00	25.81 0.82 0.00	24.60 0.71 0.00	26.50 0.62 0.00	30.91 0.80 0.00	36.00 1.10 0.00	34.36 1.13 -0.16	36.91 1.27 0.00	38.57 1.47 0.00	36.41 1.43 0.00	34.51 1.49 -0.06	35.71 1.89 -0.12	34.88 1.98 -0.34	27.51 1.66 -0.01	27.07 1.60 0.00	26.95 1.70 0.00	33.76 2.06 0.00	38.53 2.11 0.00	39.51 1.80 0.00	39.11 1.64 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
NYPA____HELLGATE_GT2 24159	31.51 1.04 0.00	28.90 0.96 0.00	25.81 0.82 0.00	24.60 0.71 0.00	26.50 0.62 0.00	30.91 0.80 0.00	36.00 1.10 0.00	34.36 1.13 -0.16	36.91 1.27 0.00	38.57 1.47 0.00	36.41 1.43 0.00	34.51 1.49 -0.06	35.71 1.89 -0.12	34.88 1.98 -0.34	27.51 1.66 -0.01	27.07 1.60 0.00	26.95 1.70 0.00	33.76 2.06 0.00	38.53 2.11 0.00	39.51 1.80 0.00	39.11 1.64 0.00	38.81 1.34 0.00	33.97 1.22 0.00	31.00 1.01 0.00
NYS_BARGE____HYD 23848	29.49 -0.98 0.00	26.87 -1.08 0.00	23.98 -1.00 0.00	22.84 -1.05 0.00	24.69 -1.19 0.00	28.69 -1.42 0.00	32.93 -1.97 0.00	31.10 -1.97 0.00	33.33 -2.31 0.00	35.02 -2.09 0.00	33.04 -1.95 0.00	31.02 -1.93 0.00	31.44 -2.26 0.00	30.19 -2.37 0.00	24.02 -1.81 0.00	23.90 -1.57 0.00	23.42 -1.83 0.00	29.19 -2.50 0.00	33.27 -3.16 0.00	34.65 -3.05 0.00	34.66 -2.81 0.00	35.18 -2.29 0.00	31.16 -1.59 0.00	29.07 -0.92 0.00
OAK ORCHARD____HYD 24046	30.03 -0.44 0.00	27.41 -0.53 0.00	24.50 -0.49 0.00	23.37 -0.53 0.00	25.27 -0.61 0.00	29.40 -0.71 0.00	33.99 -0.91 0.00	32.21 -0.86 0.00	34.60 -1.04 0.00	36.16 -0.95 0.00	34.11 -0.88 0.00	32.05 -0.91 0.00	32.63 -1.07 0.00	31.41 -1.15 0.00	24.94 -0.90 0.00	24.70 -0.77 0.00	24.33 -0.92 0.00	30.48 -1.21 0.00	34.93 -1.50 0.00	36.31 -1.40 0.00	36.17 -1.30 0.00	36.42 -1.05 0.00	31.98 -0.77 0.00	29.49 -0.50 0.00

OAKDALE___35_KV_LOAD 356122	30.13 -0.34 0.00	27.58 -0.36 0.00	24.65 -0.34 0.00	23.58 -0.31 0.00	25.51 -0.37 0.00	29.68 -0.43 0.00	34.40 -0.50 0.00	32.74 -0.33 0.00	35.11 -0.53 0.00	36.70 -0.41 0.00	34.57 -0.42 0.00	32.44 -0.52 0.00	33.16 -0.54 0.00	32.09 -0.47 0.00	25.48 -0.35 0.00	25.17 -0.30 0.00	24.87 -0.38 0.00	31.29 -0.40 0.00	35.91 -0.51 0.00	37.24 -0.47 0.00	36.92 -0.55 0.00	36.94 -0.53 0.00	32.27 -0.48 0.00	29.60 -0.39 0.00
OCC_CHEM___DRP 24175	29.06 -1.41 0.00	26.47 -1.47 0.00	23.65 -1.34 0.00	22.52 -1.38 0.00	24.33 -1.55 0.00	28.34 -1.77 0.00	32.49 -2.41 0.00	30.76 -2.31 0.00	32.97 -2.66 0.00	34.66 -2.44 0.00	32.75 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.90 -2.66 0.00	23.78 -2.06 0.00	23.66 -1.81 0.00	23.17 -2.08 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.16 -3.31 0.00	34.71 -2.76 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
OH_GEN_PROXY 24063	29.22 -1.25 0.00	26.64 -1.31 0.00	23.80 -1.19 0.00	22.68 -1.22 0.00	24.49 -1.39 0.00	28.46 -1.65 0.00	32.74 -2.16 0.00	31.02 -2.05 0.00	33.27 -2.37 0.00	34.95 -2.16 0.00	33.01 -1.97 0.00	30.97 -1.98 0.00	31.43 -2.28 0.00	30.17 -2.39 0.00	23.99 -1.84 0.00	23.86 -1.61 0.00	23.39 -1.87 0.00	29.18 -2.50 0.00	33.25 -3.18 0.00	34.56 -3.15 0.00	34.50 -2.97 0.00	35.03 -2.44 0.00	30.97 -1.78 0.00	28.81 -1.19 0.00
OLIN_CORP_DRP 24177	29.18 -1.29 0.00	26.59 -1.35 0.00	23.75 -1.24 0.00	22.61 -1.28 0.00	24.44 -1.44 0.00	28.39 -1.73 0.00	32.52 -2.37 0.00	30.75 -2.32 0.00	32.94 -2.70 0.00	34.64 -2.47 0.00	32.68 -2.30 0.00	30.68 -2.28 0.00	31.09 -2.62 0.00	29.85 -2.71 0.00	23.73 -2.10 0.00	23.62 -1.85 0.00	23.14 -2.11 0.00	28.83 -2.87 0.00	32.82 -3.60 0.00	34.14 -3.56 0.00	34.14 -3.33 0.00	34.68 -2.79 0.00	30.78 -1.98 0.00	28.77 -1.22 0.00
OLIN_CORP_DSASP 323712	29.06 -1.40 0.00	26.48 -1.46 0.00	23.65 -1.34 0.00	22.52 -1.37 0.00	24.33 -1.55 0.00	28.35 -1.77 0.00	32.49 -2.41 0.00	30.74 -2.32 0.00	32.97 -2.66 0.00	34.65 -2.46 0.00	32.74 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.91 -2.65 0.00	23.78 -2.05 0.00	23.66 -1.81 0.00	23.19 -2.07 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.14 -3.33 0.00	34.72 -2.75 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
ONEIDA_HERK_LFGE 323681	30.89 0.42 0.00	28.48 0.54 0.00	25.58 0.59 0.00	24.47 0.57 0.00	26.49 0.60 0.00	30.94 0.83 0.00	35.95 1.05 0.00	34.11 1.04 0.00	36.73 1.10 0.00	38.11 1.01 0.00	35.82 0.83 0.00	33.74 0.78 0.00	34.25 0.55 0.00	32.90 0.34 0.00	26.04 0.21 0.00	25.54 0.07 0.00	25.29 0.03 0.00	31.77 0.09 0.00	36.84 0.41 0.00	38.53 0.83 0.00	38.49 1.03 0.00	38.52 1.05 0.00	33.65 0.90 0.00	30.70 0.71 0.00
ONEIDA___115KV_TB4 55905	30.98 0.51 0.00	28.43 0.49 0.00	25.44 0.45 0.00	24.33 0.44 0.00	26.35 0.47 0.00	30.71 0.60 0.00	35.65 0.75 0.00	33.82 0.75 0.00	36.39 0.75 0.00	37.70 0.60 0.00	35.44 0.46 0.00	33.49 0.53 0.00	34.12 0.41 0.00	32.88 0.31 0.00	26.01 0.18 0.00	25.65 0.18 0.00	25.37 0.12 0.00	31.93 0.24 0.00	36.89 0.47 0.00	38.42 0.72 0.00	38.25 0.78 0.00	38.22 0.75 0.00	33.37 0.61 0.00	30.48 0.49 0.00
ONONDAGA_REF_OCCRA 23987	30.19 -0.28 0.00	27.65 -0.29 0.00	24.72 -0.27 0.00	23.63 -0.26 0.00	25.57 -0.31 0.00	29.76 -0.36 0.00	34.45 -0.44 0.00	32.68 -0.40 0.00	35.13 -0.51 0.00	36.62 -0.49 0.00	34.51 -0.47 0.00	32.47 -0.49 0.00	33.17 -0.53 0.00	32.05 -0.51 0.00	25.40 -0.43 0.00	25.05 -0.42 0.00	24.78 -0.48 0.00	31.12 -0.56 0.00	35.83 -0.59 0.00	37.18 -0.53 0.00	36.95 -0.52 0.00	36.97 -0.50 0.00	32.30 -0.45 0.00	29.57 -0.41 0.00
ONONDAGA___COGEN 23986	30.18 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.62 -0.27 0.00	25.57 -0.31 0.00	29.75 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.10 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.94 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
ONTARIO___LFGE 23819	30.37 -0.09 0.00	27.79 -0.15 0.00	24.84 -0.15 0.00	23.75 -0.15 0.00	25.71 -0.17 0.00	29.95 -0.17 0.00	34.75 -0.15 0.00	33.08 0.01 0.00	35.44 -0.20 0.00	36.98 -0.12 0.00	34.71 -0.28 0.00	32.44 -0.52 0.00	32.96 -0.75 0.00	31.74 -0.83 0.00	25.20 -0.63 0.00	24.90 -0.57 0.00	24.58 -0.67 0.00	31.00 -0.69 0.00	35.69 -0.74 0.00	37.18 -0.52 0.00	36.92 -0.55 0.00	37.01 -0.46 0.00	32.34 -0.41 0.00	29.67 -0.32 0.00
ORANGEVILLE_WT_PWR 323706	29.41 -1.05 0.00	26.88 -1.06 0.00	24.03 -0.96 0.00	22.96 -0.94 0.00	24.82 -1.06 0.00	28.86 -1.26 0.00	33.30 -1.60 0.00	31.72 -1.34 0.00	33.88 -1.76 0.00	35.18 -1.93 0.00	32.99 -2.00 0.00	30.85 -2.11 0.00	31.36 -2.34 0.00	30.21 -2.36 0.00	24.07 -1.76 0.00	23.98 -1.49 0.00	23.63 -1.62 0.00	29.59 -2.10 0.00	33.94 -2.49 0.00	35.43 -2.28 0.00	35.29 -2.18 0.00	35.65 -1.82 0.00	31.35 -1.40 0.00	29.01 -0.98 0.00
ORANGEVILLE___ESR 323794	29.41 -1.05 0.00	26.88 -1.06 0.00	24.03 -0.96 0.00	22.96 -0.94 0.00	24.82 -1.06 0.00	28.86 -1.26 0.00	33.30 -1.60 0.00	31.72 -1.34 0.00	33.88 -1.76 0.00	35.18 -1.93 0.00	32.99 -2.00 0.00	30.85 -2.11 0.00	31.36 -2.34 0.00	30.21 -2.36 0.00	24.07 -1.76 0.00	23.98 -1.49 0.00	23.63 -1.62 0.00	29.59 -2.10 0.00	33.94 -2.49 0.00	35.43 -2.28 0.00	35.29 -2.18 0.00	35.65 -1.82 0.00	31.35 -1.40 0.00	29.01 -0.98 0.00
OSWEGATCHIE___HYD 24044	30.85 0.39 0.00	28.61 0.66 0.00	25.71 0.72 0.00	24.62 0.72 0.00	26.75 0.87 0.00	31.27 1.16 0.00	36.40 1.50 0.00	34.57 1.50 0.00	37.22 1.58 0.00	38.46 1.36 0.00	36.32 1.34 0.00	34.09 1.14 0.00	34.28 0.57 0.00	32.76 0.20 0.00	25.75 -0.08 0.00	25.19 -0.28 0.00	24.88 -0.37 0.00	31.26 -0.43 0.00	36.31 -0.11 0.00	38.39 0.68 0.00	38.54 1.07 0.00	38.72 1.25 0.00	33.89 1.14 0.00	31.05 1.06 0.00
OSWEGO___5 23606	29.71 -0.76 0.00	27.22 -0.72 0.00	24.35 -0.64 0.00	23.27 -0.62 0.00	25.19 -0.69 0.00	29.30 -0.81 0.00	33.88 -1.02 0.00	32.10 -0.97 0.00	34.54 -1.10 0.00	35.99 -1.12 0.00	33.91 -1.08 0.00	31.92 -1.04 0.00	32.62 -1.08 0.00	31.52 -1.05 0.00	24.99 -0.84 0.00	24.65 -0.82 0.00	24.41 -0.84 0.00	30.65 -1.04 0.00	35.24 -1.18 0.00	36.54 -1.17 0.00	36.31 -1.16 0.00	36.34 -1.13 0.00	31.76 -0.99 0.00	29.11 -0.88 0.00
OSWEGO___6 23613	29.71 -0.76 0.00	27.22 -0.72 0.00	24.35 -0.64 0.00	23.27 -0.62 0.00	25.19 -0.69 0.00	29.30 -0.81 0.00	33.88 -1.02 0.00	32.10 -0.97 0.00	34.54 -1.10 0.00	35.99 -1.12 0.00	33.91 -1.08 0.00	31.92 -1.04 0.00	32.62 -1.08 0.00	31.52 -1.05 0.00	24.99 -0.84 0.00	24.65 -0.82 0.00	24.41 -0.84 0.00	30.65 -1.04 0.00	35.24 -1.18 0.00	36.54 -1.17 0.00	36.31 -1.16 0.00	36.34 -1.13 0.00	31.76 -0.99 0.00	29.11 -0.88 0.00

OUTOKUMPU-AB___DRP 24206	29.64 -0.83 0.00	26.99 -0.95 0.00	24.10 -0.88 0.00	22.96 -0.94 0.00	24.81 -1.08 0.00	28.87 -1.24 0.00	33.19 -1.71 0.00	31.46 -1.61 0.00	33.69 -1.95 0.00	35.40 -1.71 0.00	33.40 -1.59 0.00	31.34 -1.62 0.00	31.78 -1.92 0.00	30.51 -2.05 0.00	24.27 -1.56 0.00	24.15 -1.32 0.00	23.66 -1.60 0.00	29.53 -2.15 0.00	33.66 -2.77 0.00	35.02 -2.69 0.00	34.99 -2.48 0.00	35.49 -1.98 0.00	31.39 -1.36 0.00	29.21 -0.79 0.00
OXBOW___BTM 323836	29.34 -1.14 0.00	26.72 -1.22 0.00	23.86 -1.13 0.00	22.72 -1.17 0.00	24.55 -1.33 0.00	28.59 -1.53 0.00	32.81 -2.09 0.00	31.08 -1.99 0.00	33.31 -2.32 0.00	35.01 -2.10 0.00	33.05 -1.93 0.00	31.03 -1.93 0.00	31.47 -2.24 0.00	30.20 -2.36 0.00	24.02 -1.81 0.00	23.90 -1.58 0.00	23.42 -1.84 0.00	29.20 -2.49 0.00	33.25 -3.17 0.00	34.57 -3.13 0.00	34.54 -2.93 0.00	35.10 -2.37 0.00	31.08 -1.68 0.00	28.92 -1.07 0.00
OXBOW___ 24026	29.33 -1.14 0.00	26.71 -1.23 0.00	23.86 -1.13 0.00	22.72 -1.18 0.00	24.55 -1.33 0.00	28.59 -1.53 0.00	32.82 -2.08 0.00	31.09 -1.97 0.00	33.31 -2.33 0.00	35.02 -2.09 0.00	33.06 -1.92 0.00	31.03 -1.93 0.00	31.46 -2.24 0.00	30.19 -2.37 0.00	24.01 -1.82 0.00	23.90 -1.57 0.00	23.41 -1.85 0.00	29.20 -2.49 0.00	33.26 -3.17 0.00	34.58 -3.13 0.00	34.56 -2.91 0.00	35.09 -2.38 0.00	31.08 -1.68 0.00	28.92 -1.07 0.00
OXY_CHEM_DSASP 323612	29.06 -1.41 0.00	26.47 -1.47 0.00	23.65 -1.34 0.00	22.52 -1.38 0.00	24.33 -1.55 0.00	28.34 -1.77 0.00	32.49 -2.41 0.00	30.76 -2.31 0.00	32.97 -2.66 0.00	34.66 -2.44 0.00	32.75 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.90 -2.66 0.00	23.78 -2.06 0.00	23.66 -1.81 0.00	23.17 -2.08 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.16 -3.31 0.00	34.71 -2.76 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
OZONE_PARK_ESR 323760	31.80 1.33 0.00	29.12 1.18 0.00	25.99 1.00 0.00	24.81 0.92 0.00	26.75 0.87 0.00	31.18 1.07 0.00	36.25 1.36 0.00	34.63 1.40 -0.16	37.28 1.64 0.00	38.95 1.85 0.00	36.79 1.81 0.00	34.87 1.85 -0.06	36.04 2.22 -0.12	35.25 2.35 -0.34	27.78 1.94 -0.01	27.36 1.89 0.00	27.21 1.96 0.00	34.17 2.48 0.00	39.01 2.58 0.00	39.88 2.18 0.00	39.43 1.96 0.00	39.20 1.73 0.00	34.27 1.52 0.00	31.26 1.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.06 -1.41 0.00	26.47 -1.47 0.00	23.65 -1.34 0.00	22.52 -1.38 0.00	24.33 -1.55 0.00	28.34 -1.77 0.00	32.49 -2.41 0.00	30.76 -2.31 0.00	32.97 -2.66 0.00	34.66 -2.44 0.00	32.75 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.90 -2.66 0.00	23.78 -2.06 0.00	23.66 -1.81 0.00	23.17 -2.08 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.16 -3.31 0.00	34.71 -2.76 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
PACKARD__115KV_DUPONT_184 80571	29.06 -1.41 0.00	26.47 -1.47 0.00	23.65 -1.34 0.00	22.52 -1.38 0.00	24.33 -1.55 0.00	28.34 -1.77 0.00	32.49 -2.41 0.00	30.76 -2.31 0.00	32.97 -2.66 0.00	34.66 -2.44 0.00	32.75 -2.24 0.00	30.74 -2.22 0.00	31.17 -2.54 0.00	29.90 -2.66 0.00	23.78 -2.06 0.00	23.66 -1.81 0.00	23.17 -2.08 0.00	28.89 -2.80 0.00	32.88 -3.54 0.00	34.16 -3.54 0.00	34.16 -3.31 0.00	34.71 -2.76 0.00	30.78 -1.98 0.00	28.66 -1.33 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.55 1.08 0.00	28.92 0.98 0.00	25.83 0.85 0.00	24.64 0.74 0.00	26.53 0.65 0.00	30.95 0.84 0.00	36.04 1.14 0.00	34.39 1.16 -0.16	36.93 1.29 0.00	38.57 1.47 0.00	36.43 1.44 0.00	34.52 1.50 -0.06	35.71 1.89 -0.12	34.89 1.99 -0.34	27.51 1.67 -0.01	27.07 1.60 0.00	26.95 1.69 0.00	33.77 2.08 0.00	38.54 2.11 0.00	39.51 1.80 0.00	39.10 1.63 0.00	38.82 1.35 0.00	33.97 1.21 0.00	30.99 1.00 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.42 1.95 0.00	29.74 1.80 0.00	26.58 1.59 0.00	25.35 1.45 0.00	27.33 1.45 0.00	31.91 1.79 0.00	37.18 2.29 0.00	35.46 2.23 -0.16	37.95 2.32 0.00	39.64 2.53 0.00	37.39 2.41 0.00	35.40 2.38 -0.06	36.62 2.79 -0.12	35.75 2.84 -0.34	28.16 2.32 -0.01	27.72 2.25 0.00	27.57 2.32 0.00	34.56 2.87 0.00	39.39 2.97 0.00	40.40 2.69 0.00	40.00 2.54 0.00	39.73 2.25 0.00	34.78 2.03 0.00	31.70 1.71 0.00
PATROON__115KV_TB1 80586	30.78 0.31 0.00	28.25 0.31 0.00	25.32 0.33 0.00	24.20 0.30 0.00	26.17 0.28 0.00	30.46 0.35 0.00	35.16 0.27 0.00	33.09 0.14 0.11	35.96 0.32 0.00	37.43 0.33 0.00	35.24 0.25 0.00	33.18 0.26 0.04	33.99 0.37 0.09	32.82 0.51 0.25	26.30 0.48 0.01	25.92 0.45 0.00	25.70 0.45 0.00	32.27 0.59 0.00	37.11 0.69 0.00	38.28 0.57 0.00	37.96 0.49 0.00	37.84 0.37 0.00	33.01 0.26 0.00	30.16 0.17 0.00
PATTRSNVILLE___SOLAR 323815	31.25 0.79 0.00	28.65 0.71 0.00	25.63 0.63 0.00	24.49 0.59 0.00	26.50 0.62 0.00	30.87 0.75 0.00	35.81 0.91 0.00	33.90 0.92 0.09	36.52 0.88 0.00	37.84 0.73 0.00	35.39 0.41 0.00	33.29 0.36 0.04	34.15 0.52 0.07	32.82 0.46 0.20	26.17 0.34 0.01	25.69 0.22 0.00	25.55 0.30 0.00	32.19 0.50 0.00	37.31 0.89 0.00	38.81 1.10 0.00	38.56 1.09 0.00	38.48 1.01 0.00	33.59 0.84 0.00	30.73 0.74 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.56 -0.90 0.00	26.95 -1.00 0.00	24.07 -0.92 0.00	22.95 -0.95 0.00	24.81 -1.07 0.00	28.85 -1.26 0.00	33.29 -1.61 0.00	31.69 -1.38 0.00	33.90 -1.73 0.00	35.57 -1.54 0.00	33.53 -1.45 0.00	31.38 -1.58 0.00	31.89 -1.82 0.00	30.65 -1.91 0.00	24.38 -1.45 0.00	24.24 -1.23 0.00	23.75 -1.50 0.00	29.74 -1.95 0.00	33.94 -2.48 0.00	35.30 -2.40 0.00	35.21 -2.26 0.00	35.61 -1.86 0.00	31.38 -1.37 0.00	29.10 -0.89 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.58 1.11 0.00	28.93 0.99 0.00	25.84 0.85 0.00	24.67 0.78 0.00	26.62 0.74 0.00	31.01 0.90 0.00	36.01 1.11 0.00	34.36 1.15 -0.14	37.02 1.38 0.00	38.65 1.54 0.00	36.46 1.48 0.00	34.55 1.54 -0.05	35.68 1.86 -0.11	34.82 1.95 -0.31	27.42 1.57 -0.01	27.02 1.55 0.00	26.89 1.63 0.00	33.78 2.09 0.00	38.68 2.26 0.00	39.66 1.95 0.00	39.22 1.75 0.00	39.02 1.55 0.00	34.05 1.30 0.00	31.06 1.07 0.00
PEEKSKILL___ 23653	31.31 0.84 0.00	28.69 0.75 0.00	25.62 0.63 0.00	24.47 0.57 0.00	26.39 0.51 0.00	30.75 0.63 0.00	35.69 0.79 0.00	34.04 0.82 -0.15	36.65 1.01 0.00	38.28 1.17 0.00	36.12 1.14 0.00	34.22 1.20 -0.06	35.35 1.53 -0.12	34.52 1.63 -0.33	27.20 1.35 -0.01	26.79 1.31 0.00	26.66 1.41 0.00	33.49 1.80 0.00	38.30 1.88 0.00	39.24 1.53 0.00	38.80 1.34 0.00	38.61 1.14 0.00	33.73 0.98 0.00	30.80 0.81 0.00
PGE MADISON___WINDPWR 24146	32.53 2.06 0.00	29.71 1.77 0.00	26.49 1.50 0.00	25.41 1.52 0.00	27.51 1.63 0.00	32.27 2.16 0.00	37.64 2.74 0.00	35.87 2.77 -0.03	38.34 2.71 0.00	40.06 2.95 0.00	37.60 2.62 0.00	35.44 2.47 -0.01	36.11 2.38 -0.02	33.64 1.05 -0.03	26.49 0.66 0.00	25.88 0.40 0.00	25.56 0.31 0.00	32.35 0.65 0.00	37.69 1.26 0.00	39.29 1.58 0.00	39.03 1.56 0.00	38.82 1.35 0.00	34.10 1.35 0.00	31.31 1.32 0.00

PIERCEFIELD___HYD 23852	31.04 0.57 0.00	28.69 0.75 0.00	25.67 0.68 0.00	24.59 0.69 0.00	26.80 0.92 0.00	31.24 1.13 0.00	36.37 1.47 0.00	34.55 1.48 0.00	37.21 1.58 0.00	38.45 1.35 0.00	36.47 1.49 0.00	34.26 1.30 0.00	34.41 0.71 0.00	32.93 0.37 0.00	25.86 0.04 0.00	25.40 -0.07 0.00	25.08 -0.17 0.00	31.54 -0.15 0.00	36.41 -0.02 0.00	38.31 0.61 0.00	38.36 0.89 0.00	38.60 1.12 0.00	33.78 1.03 0.00	31.12 1.13 0.00
PINELAWN_CC_1 323563	31.76 1.29 0.00	29.03 1.09 0.00	25.86 0.87 0.00	24.61 0.72 0.00	26.59 0.71 0.00	31.07 0.95 0.00	35.97 1.07 0.00	34.43 1.21 -0.16	37.15 1.51 0.00	38.86 1.75 0.00	36.95 1.97 0.00	35.06 2.04 -0.06	36.38 2.55 -0.13	35.42 2.51 -0.34	27.79 1.95 -0.01	27.41 1.94 0.00	27.31 2.06 0.00	34.20 2.51 0.00	39.02 2.60 0.00	39.93 2.22 0.00	39.35 1.88 0.00	39.17 1.70 0.00	34.31 1.55 0.00	31.38 1.39 0.00
PJM_GEN_HTTP_PROXY 323702	31.49 1.02 0.00	28.84 0.90 0.00	25.75 0.76 0.00	24.58 0.69 0.00	26.51 0.62 0.00	30.89 0.77 0.00	35.90 1.00 0.00	34.29 1.06 -0.16	36.91 1.27 0.00	38.57 1.47 0.00	36.44 1.46 0.00	34.77 1.52 -0.29	35.70 1.88 -0.12	34.90 1.99 -0.34	27.49 1.65 -0.01	27.07 1.60 0.00	26.93 1.68 0.00	33.80 2.12 0.00	38.60 2.18 0.00	39.47 1.76 0.00	39.00 1.53 0.00	38.79 1.32 0.00	33.91 1.16 0.00	30.94 0.95 0.00
PJM_GEN_KEystone 24065	30.19 -0.28 0.00	27.61 -0.33 0.00	24.67 -0.32 0.00	23.56 -0.34 0.00	25.45 -0.43 0.00	29.61 -0.50 0.00	34.33 -0.57 0.00	35.96 -0.41 -3.31	35.08 -0.57 0.00	38.42 -0.37 -1.69	34.65 -0.33 0.00	32.81 -0.40 -0.26	33.48 -0.29 -0.06	32.51 -0.22 -0.17	25.73 -0.11 -0.01	25.45 -0.03 0.00	25.16 -0.09 0.00	31.61 -0.08 0.00	36.12 -0.30 0.00	37.23 -0.47 0.00	36.86 -0.61 0.00	36.89 -0.58 0.00	32.30 -0.46 0.00	25.67 -0.33 4.00
PJM_GEN_NEPTUNE_PROXY 323594	31.46 0.99 0.00	28.78 0.84 0.00	25.65 0.66 0.00	24.45 0.55 0.00	26.41 0.53 0.00	30.83 0.72 0.00	35.72 0.82 0.00	34.17 0.94 -0.16	36.84 1.20 0.00	38.53 1.43 0.00	36.59 1.61 0.00	34.94 1.69 -0.29	35.93 2.11 -0.13	34.98 2.07 -0.34	27.54 1.69 -0.01	27.11 1.64 0.00	26.96 1.71 0.00	33.80 2.11 0.00	38.60 2.17 0.00	39.49 1.78 0.00	38.94 1.47 0.00	38.77 1.30 0.00	33.95 1.19 0.00	31.06 1.07 0.00
PJM_GEN_VFT_PROXY 323633	31.44 0.97 0.00	28.79 0.85 0.00	25.70 0.71 0.00	24.54 0.64 0.00	26.46 0.57 0.00	30.83 0.71 0.00	35.81 0.91 0.00	34.21 0.99 -0.16	36.80 1.16 0.00	38.46 1.35 0.00	36.32 1.34 0.00	34.65 1.41 -0.29	35.59 1.76 -0.12	34.80 1.90 -0.34	27.43 1.59 -0.01	27.00 1.53 0.00	26.87 1.62 0.00	33.74 2.05 0.00	38.50 2.07 0.00	39.33 1.62 0.00	38.87 1.40 0.00	38.64 1.16 0.00	33.80 1.04 0.00	30.84 0.85 0.00
PLATSBURG_115KV_PMLD1 355749	31.02 0.55 0.00	28.50 0.56 0.00	25.49 0.50 0.00	24.41 0.51 0.00	26.55 0.67 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.18 1.11 0.00	36.86 1.23 0.00	38.19 1.09 0.00	36.13 1.15 0.00	33.93 0.97 0.00	34.43 0.73 0.00	33.08 0.51 0.00	26.16 0.33 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.27 0.58 0.00	37.04 0.61 0.00	38.53 0.83 0.00	38.44 0.97 0.00	38.44 0.97 0.00	33.57 0.82 0.00	30.83 0.84 0.00
PLEASANTVLY___LBMP 24000	31.19 0.72 0.00	28.60 0.66 0.00	25.58 0.59 0.00	24.42 0.53 0.00	26.36 0.48 0.00	30.68 0.57 0.00	35.56 0.66 0.00	33.92 0.67 -0.18	36.49 0.85 0.00	38.10 1.00 0.00	35.95 0.97 0.00	34.05 1.02 -0.07	35.15 1.31 -0.14	34.37 1.42 -0.39	27.02 1.17 -0.01	26.61 1.14 0.00	26.49 1.24 0.00	33.26 1.57 0.00	38.07 1.64 0.00	39.05 1.35 0.00	38.64 1.17 0.00	38.46 0.98 0.00	33.58 0.83 0.00	30.67 0.68 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.43 0.97 0.00	28.80 0.86 0.00	25.73 0.74 0.00	24.57 0.67 0.00	26.50 0.62 0.00	30.87 0.76 0.00	35.83 0.93 0.00	34.19 0.96 -0.16	36.82 1.18 0.00	38.44 1.34 0.00	36.30 1.32 0.00	34.39 1.37 -0.06	35.54 1.71 -0.13	34.73 1.81 -0.35	27.33 1.48 -0.01	26.93 1.46 0.00	26.79 1.54 0.00	33.63 1.95 0.00	38.47 2.05 0.00	39.41 1.70 0.00	38.97 1.50 0.00	38.76 1.29 0.00	33.85 1.10 0.00	30.90 0.91 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.43 0.97 0.00	28.80 0.86 0.00	25.73 0.74 0.00	24.57 0.67 0.00	26.50 0.62 0.00	30.87 0.76 0.00	35.83 0.93 0.00	34.19 0.96 -0.16	36.82 1.18 0.00	38.44 1.34 0.00	36.30 1.32 0.00	34.39 1.37 -0.06	35.54 1.71 -0.13	34.73 1.81 -0.35	27.33 1.48 -0.01	26.93 1.46 0.00	26.79 1.54 0.00	33.63 1.95 0.00	38.47 2.05 0.00	39.41 1.70 0.00	38.97 1.50 0.00	38.76 1.29 0.00	33.85 1.10 0.00	30.90 0.91 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.41 0.94 0.00	28.79 0.85 0.00	25.74 0.75 0.00	24.58 0.68 0.00	26.53 0.64 0.00	30.88 0.77 0.00	35.81 0.91 0.00	34.01 0.94 0.00	36.77 1.13 0.00	38.39 1.28 0.00	36.20 1.22 0.00	34.21 1.26 0.00	35.28 1.57 0.00	34.19 1.63 0.00	27.15 1.32 0.00	26.78 1.31 0.00	26.67 1.42 0.00	33.53 1.84 0.00	38.42 1.99 0.00	39.43 1.72 0.00	39.01 1.54 0.00	38.82 1.35 0.00	33.86 1.10 0.00	30.90 0.91 0.00
POLETTI____ 23519	31.44 0.97 0.00	28.79 0.85 0.00	25.71 0.72 0.00	24.55 0.66 0.00	26.46 0.58 0.00	30.84 0.72 0.00	35.83 0.94 0.00	34.22 1.00 -0.16	36.85 1.22 0.00	38.51 1.40 0.00	36.39 1.40 0.00	34.49 1.47 -0.06	35.65 1.82 -0.12	34.85 1.95 -0.34	27.46 1.61 -0.01	27.04 1.57 0.00	26.91 1.65 0.00	33.76 2.07 0.00	38.54 2.12 0.00	39.39 1.69 0.00	38.93 1.46 0.00	38.71 1.24 0.00	33.85 1.10 0.00	30.88 0.89 0.00
POMONA___ESR 323819	31.31 0.84 0.00	28.69 0.75 0.00	25.62 0.63 0.00	24.47 0.57 0.00	26.40 0.52 0.00	30.75 0.63 0.00	35.71 0.81 0.00	34.05 0.84 -0.14	36.64 1.01 0.00	38.28 1.18 0.00	36.12 1.14 0.00	34.20 1.19 -0.05	35.34 1.54 -0.11	34.50 1.64 -0.30	27.20 1.35 -0.01	26.80 1.32 0.00	26.68 1.43 0.00	33.52 1.83 0.00	38.34 1.92 0.00	39.28 1.57 0.00	38.84 1.37 0.00	38.64 1.17 0.00	33.77 1.02 0.00	30.84 0.85 0.00
PORT_JEFF_3 23555	31.67 1.20 0.00	28.95 1.01 0.00	25.76 0.77 0.00	24.51 0.62 0.00	26.49 0.61 0.00	30.99 0.88 0.00	35.91 1.01 0.00	34.39 1.16 -0.16	37.12 1.48 0.00	38.83 1.73 0.00	37.03 2.05 0.00	35.18 2.16 -0.06	36.46 2.63 -0.13	35.50 2.59 -0.34	27.92 2.08 -0.01	27.52 2.05 0.00	27.33 2.07 0.00	34.27 2.58 0.00	39.08 2.65 0.00	40.00 2.29 0.00	39.38 1.92 0.00	39.20 1.73 0.00	34.32 1.57 0.00	31.36 1.37 0.00
PORT_JEFF_4 23616	31.67 1.20 0.00	28.95 1.01 0.00	25.76 0.77 0.00	24.51 0.62 0.00	26.49 0.61 0.00	30.99 0.88 0.00	35.91 1.01 0.00	34.39 1.16 -0.16	37.12 1.48 0.00	38.83 1.73 0.00	37.03 2.05 0.00	35.18 2.16 -0.06	36.46 2.63 -0.13	35.50 2.59 -0.34	27.92 2.08 -0.01	27.52 2.05 0.00	27.33 2.07 0.00	34.27 2.58 0.00	39.08 2.65 0.00	40.00 2.29 0.00	39.38 1.92 0.00	39.20 1.73 0.00	34.32 1.57 0.00	31.36 1.37 0.00

PORT_JEFF_IC 23713	31.70 1.23 0.00	28.97 1.03 0.00	25.77 0.78 0.00	24.52 0.63 0.00	26.50 0.62 0.00	31.01 0.89 0.00	35.93 1.03 0.00	34.41 1.18 -0.16	37.15 1.52 0.00	38.88 1.77 0.00	37.08 2.09 0.00	35.24 2.22 -0.06	36.52 2.70 -0.12	35.58 2.67 -0.34	27.97 2.13 -0.01	27.57 2.10 0.00	27.37 2.12 0.00	34.34 2.65 0.00	39.15 2.73 0.00	40.07 2.37 0.00	39.45 1.98 0.00	39.26 1.79 0.00	34.37 1.61 0.00	31.39 1.40 0.00
PPL PILGRIM_ST_GT1 24216	31.89 1.42 0.00	29.15 1.21 0.00	25.95 0.96 0.00	24.70 0.80 0.00	26.69 0.81 0.00	31.20 1.09 0.00	35.94 1.04 0.00	34.42 1.19 -0.16	37.11 1.48 0.00	38.87 1.77 0.00	37.21 2.23 0.00	35.34 2.32 -0.06	36.62 2.79 -0.13	35.67 2.76 -0.34	28.00 2.15 -0.01	27.61 2.14 0.00	27.44 2.19 0.00	34.37 2.68 0.00	39.19 2.76 0.00	40.13 2.43 0.00	39.52 2.05 0.00	39.35 1.88 0.00	34.48 1.73 0.00	31.54 1.55 0.00
PPL PILGRIM_ST_GT2 24217	31.89 1.42 0.00	29.15 1.21 0.00	25.95 0.96 0.00	24.70 0.80 0.00	26.69 0.81 0.00	31.20 1.09 0.00	35.94 1.04 0.00	34.42 1.19 -0.16	37.11 1.48 0.00	38.87 1.77 0.00	37.21 2.23 0.00	35.34 2.32 -0.06	36.62 2.79 -0.13	35.67 2.76 -0.34	28.00 2.15 -0.01	27.61 2.14 0.00	27.44 2.19 0.00	34.37 2.68 0.00	39.19 2.76 0.00	40.13 2.43 0.00	39.52 2.05 0.00	39.35 1.88 0.00	34.48 1.73 0.00	31.54 1.55 0.00
PPL_SHRM_GT3 24213	31.32 0.85 0.00	28.64 0.70 0.00	25.47 0.48 0.00	24.21 0.32 0.00	26.17 0.29 0.00	30.66 0.55 0.00	35.55 0.65 0.00	34.06 0.83 -0.16	36.79 1.15 0.00	38.46 1.36 0.00	36.71 1.73 0.00	34.87 1.85 -0.06	36.19 2.36 -0.13	35.22 2.32 -0.34	27.74 1.90 -0.01	27.37 1.89 0.00	27.17 1.92 0.00	34.10 2.41 0.00	38.86 2.44 0.00	39.80 2.09 0.00	39.20 1.73 0.00	38.98 1.51 0.00	34.10 1.35 0.00	31.11 1.12 0.00
PPL_SHRM_GT4 24214	31.32 0.85 0.00	28.64 0.70 0.00	25.47 0.48 0.00	24.21 0.32 0.00	26.17 0.29 0.00	30.66 0.55 0.00	35.55 0.65 0.00	34.06 0.83 -0.16	36.79 1.15 0.00	38.46 1.36 0.00	36.71 1.73 0.00	34.87 1.85 -0.06	36.19 2.36 -0.13	35.22 2.32 -0.34	27.74 1.90 -0.01	27.37 1.89 0.00	27.17 1.92 0.00	34.10 2.41 0.00	38.86 2.44 0.00	39.80 2.09 0.00	39.20 1.73 0.00	38.98 1.51 0.00	34.10 1.35 0.00	31.11 1.12 0.00
PROJECT___ORANGE 1 24174	30.03 -0.44 0.00	27.50 -0.44 0.00	24.60 -0.40 0.00	23.50 -0.39 0.00	25.44 -0.44 0.00	29.59 -0.53 0.00	34.24 -0.65 0.00	32.47 -0.60 0.00	34.92 -0.72 0.00	36.39 -0.71 0.00	34.31 -0.67 0.00	32.31 -0.65 0.00	33.00 -0.71 0.00	31.88 -0.68 0.00	25.27 -0.56 0.00	24.92 -0.55 0.00	24.65 -0.60 0.00	30.96 -0.73 0.00	35.61 -0.82 0.00	36.92 -0.79 0.00	36.68 -0.79 0.00	36.73 -0.75 0.00	32.10 -0.66 0.00	29.40 -0.59 0.00
PROJECT___ORANGE 2 24166	30.03 -0.44 0.00	27.50 -0.44 0.00	24.60 -0.40 0.00	23.50 -0.39 0.00	25.44 -0.44 0.00	29.59 -0.53 0.00	34.24 -0.65 0.00	32.47 -0.60 0.00	34.92 -0.72 0.00	36.39 -0.71 0.00	34.31 -0.67 0.00	32.31 -0.65 0.00	33.00 -0.71 0.00	31.88 -0.68 0.00	25.27 -0.56 0.00	24.92 -0.55 0.00	24.65 -0.60 0.00	30.96 -0.73 0.00	35.61 -0.82 0.00	36.92 -0.79 0.00	36.68 -0.79 0.00	36.73 -0.75 0.00	32.10 -0.66 0.00	29.40 -0.59 0.00
PUCKETT___SOLAR 323809	30.62 0.16 0.00	28.03 0.09 0.00	25.05 0.06 0.00	23.97 0.07 0.00	25.92 0.04 0.00	30.21 0.10 0.00	35.07 0.18 0.00	33.36 0.29 0.00	35.66 0.02 0.00	37.31 0.20 0.00	35.11 0.13 0.00	32.88 -0.08 0.00	33.51 -0.19 0.00	32.26 -0.30 0.00	25.57 -0.26 0.00	25.13 -0.34 0.00	24.86 -0.39 0.00	31.40 -0.29 0.00	36.18 -0.24 0.00	37.62 -0.09 0.00	37.37 -0.09 0.00	37.30 -0.17 0.00	32.71 -0.04 0.00	30.03 0.05 0.00
PYRITES___HYD 24023	31.66 1.19 0.00	29.21 1.27 0.00	26.10 1.11 0.00	25.00 1.11 0.00	27.26 1.39 0.00	31.79 1.68 0.00	37.03 2.13 0.00	35.18 2.11 0.00	37.85 2.21 0.00	39.00 1.89 0.00	37.01 2.02 0.00	34.75 1.79 0.00	34.83 1.12 0.00	33.32 0.76 0.00	26.18 0.34 0.00	25.71 0.24 0.00	25.48 0.23 0.00	31.97 0.28 0.00	36.89 0.47 0.00	39.14 1.43 0.00	39.23 1.76 0.00	39.44 1.97 0.00	34.48 1.72 0.00	31.71 1.72 0.00
QUAKERRD_115KV_BK1 80622	29.42 -1.04 0.00	26.87 -1.07 0.00	24.02 -0.97 0.00	22.92 -0.97 0.00	24.80 -1.08 0.00	28.86 -1.26 0.00	33.37 -1.53 0.00	31.63 -1.44 0.00	33.98 -1.66 0.00	35.50 -1.60 0.00	33.49 -1.49 0.00	31.48 -1.48 0.00	32.06 -1.64 0.00	30.88 -1.68 0.00	24.50 -1.34 0.00	24.25 -1.22 0.00	23.91 -1.34 0.00	29.98 -1.71 0.00	34.40 -2.02 0.00	35.72 -1.98 0.00	35.57 -1.90 0.00	35.75 -1.72 0.00	31.36 -1.39 0.00	28.87 -1.12 0.00
QUENSBRY_115KV_TB8 356137	32.33 1.87 0.00	29.61 1.67 0.00	26.55 1.56 0.00	25.36 1.47 0.00	27.44 1.56 0.00	31.93 1.82 0.00	37.11 2.21 0.00	35.12 2.17 0.12	38.10 2.45 0.00	39.52 2.41 0.00	36.92 1.94 0.00	34.62 1.71 0.05	35.39 1.78 0.10	34.13 1.84 0.27	27.19 1.37 0.01	26.85 1.38 0.00	26.72 1.47 0.00	33.93 2.24 0.00	39.09 2.67 0.00	40.56 2.85 0.00	40.21 2.74 0.00	39.97 2.50 0.00	34.80 2.05 0.00	31.80 1.81 0.00
RAMAPO___LBMP 323565	31.17 0.70 0.00	28.57 0.63 0.00	25.51 0.52 0.00	24.36 0.46 0.00	26.29 0.41 0.00	30.61 0.50 0.00	35.54 0.64 0.00	33.87 0.67 -0.13	36.45 0.81 0.00	38.06 0.96 0.00	35.90 0.92 0.00	33.98 0.97 -0.05	35.10 1.30 -0.10	34.27 1.42 -0.29	27.02 1.17 -0.01	26.60 1.13 0.00	26.50 1.24 0.00	33.27 1.58 0.00	38.09 1.66 0.00	39.02 1.32 0.00	38.60 1.13 0.00	38.42 0.95 0.00	33.59 0.83 0.00	30.68 0.69 0.00
RANKINE____ 23646	29.65 -0.82 0.00	27.03 -0.91 0.00	24.14 -0.85 0.00	23.01 -0.88 0.00	24.87 -1.02 0.00	28.91 -1.20 0.00	33.33 -1.57 0.00	31.72 -1.35 0.00	33.94 -1.70 0.00	35.55 -1.56 0.00	33.50 -1.48 0.00	31.39 -1.57 0.00	31.86 -1.84 0.00	30.61 -1.95 0.00	24.36 -1.47 0.00	24.25 -1.22 0.00	23.75 -1.50 0.00	29.73 -1.95 0.00	33.92 -2.51 0.00	35.31 -2.40 0.00	35.24 -2.23 0.00	35.67 -1.80 0.00	31.48 -1.28 0.00	29.24 -0.75 0.00
RAVENSWOOD_GT2_1 24244	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.03 1.57 0.00	38.83 1.36 0.00	33.95 1.19 0.00	30.97 0.98 0.00
RAVENSWOOD_GT2_2 24245	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.03 1.57 0.00	38.83 1.36 0.00	33.95 1.19 0.00	30.97 0.98 0.00

RAVENSWOOD_GT2_3 24246	31.54 1.07 0.00	28.88 0.94 0.00	25.79 0.80 0.00	24.63 0.73 0.00	26.55 0.66 0.00	30.94 0.82 0.00	35.95 1.05 0.00	34.34 1.11 -0.16	36.96 1.32 0.00	38.62 1.51 0.00	36.49 1.51 0.00	34.58 1.57 -0.06	35.75 1.92 -0.12	34.94 2.03 -0.34	27.52 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.85 2.16 0.00	38.64 2.22 0.00	39.51 1.80 0.00	39.07 1.60 0.00	38.84 1.37 0.00	33.96 1.21 0.00	30.99 1.00 0.00
RAVENSWOOD_GT2_4 24247	31.54 1.07 0.00	28.88 0.94 0.00	25.79 0.80 0.00	24.63 0.73 0.00	26.55 0.66 0.00	30.94 0.82 0.00	35.95 1.05 0.00	34.34 1.11 -0.16	36.96 1.32 0.00	38.62 1.51 0.00	36.49 1.51 0.00	34.58 1.57 -0.06	35.75 1.92 -0.12	34.94 2.03 -0.34	27.52 1.68 -0.01	27.10 1.63 0.00	26.97 1.72 0.00	33.85 2.16 0.00	38.64 2.22 0.00	39.51 1.80 0.00	39.07 1.60 0.00	38.84 1.37 0.00	33.96 1.21 0.00	30.99 1.00 0.00
RAVENSWOOD_GT3_1 24248	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.71 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.19 0.00	30.97 0.98 0.00
RAVENSWOOD_GT3_2 24249	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.53 0.65 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.71 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.19 0.00	30.97 0.98 0.00
RAVENSWOOD_GT3_3 24250	31.57 1.11 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.65 0.75 0.00	26.57 0.69 0.00	30.97 0.85 0.00	35.99 1.09 0.00	34.38 1.15 -0.16	37.00 1.37 0.00	38.67 1.56 0.00	36.52 1.54 0.00	34.62 1.60 -0.06	35.79 1.96 -0.12	34.98 2.08 -0.34	27.56 1.71 -0.01	27.14 1.67 0.00	27.00 1.75 0.00	33.89 2.20 0.00	38.68 2.26 0.00	39.57 1.86 0.00	39.10 1.63 0.00	38.88 1.41 0.00	34.00 1.25 0.00	31.02 1.03 0.00
RAVENSWOOD_GT3_4 24251	31.57 1.11 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.65 0.75 0.00	26.57 0.69 0.00	30.97 0.85 0.00	35.99 1.09 0.00	34.38 1.15 -0.16	37.00 1.37 0.00	38.67 1.56 0.00	36.52 1.54 0.00	34.62 1.60 -0.06	35.79 1.96 -0.12	34.98 2.08 -0.34	27.56 1.71 -0.01	27.14 1.67 0.00	27.00 1.75 0.00	33.89 2.20 0.00	38.68 2.26 0.00	39.57 1.86 0.00	39.10 1.63 0.00	38.88 1.41 0.00	34.00 1.25 0.00	31.02 1.03 0.00
RAVENSWOOD_GT_1 23729	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.11 0.00	34.40 1.18 -0.16	36.99 1.35 0.00	38.66 1.55 0.00	36.52 1.54 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.99 2.09 -0.34	27.58 1.74 -0.01	27.15 1.68 0.00	27.03 1.78 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.01 1.02 0.00
RAVENSWOOD_GT_10 24258	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.31 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_11 24259	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.31 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_4 24252	31.52 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.93 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.74 1.91 -0.12	34.93 2.02 -0.34	27.51 1.67 -0.01	27.10 1.63 0.00	26.96 1.71 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.58 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_5 24254	31.52 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.93 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.74 1.91 -0.12	34.93 2.02 -0.34	27.51 1.67 -0.01	27.10 1.63 0.00	26.96 1.71 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.58 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_6 24253	31.52 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.93 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.74 1.91 -0.12	34.93 2.02 -0.34	27.51 1.67 -0.01	27.10 1.63 0.00	26.96 1.71 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.58 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_7 24255	31.52 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.93 0.81 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.74 1.91 -0.12	34.93 2.02 -0.34	27.51 1.67 -0.01	27.10 1.63 0.00	26.96 1.71 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.58 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.31 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD_GT_9 24257	31.52 1.05 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.62 0.72 0.00	26.54 0.66 0.00	30.92 0.81 0.00	35.94 1.04 0.00	34.31 1.09 -0.16	36.95 1.31 0.00	38.60 1.50 0.00	36.47 1.49 0.00	34.56 1.54 -0.06	35.73 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.09 1.62 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.57 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00

RAVENSWOOD___1 23533	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.12 0.00	34.41 1.18 -0.16	36.99 1.35 0.00	38.66 1.56 0.00	36.53 1.55 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.98 2.08 -0.34	27.58 1.73 -0.01	27.16 1.69 0.00	27.02 1.77 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.52 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.02 1.02 0.00
RAVENSWOOD___2 23534	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.12 0.00	34.41 1.18 -0.16	36.99 1.35 0.00	38.66 1.56 0.00	36.53 1.55 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.98 2.08 -0.34	27.58 1.73 -0.01	27.16 1.69 0.00	27.02 1.77 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.52 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.02 1.02 0.00
RAVENSWOOD___3 23535	31.52 1.06 0.00	28.87 0.93 0.00	25.78 0.79 0.00	24.61 0.72 0.00	26.53 0.65 0.00	30.93 0.81 0.00	35.94 1.04 0.00	34.32 1.10 -0.16	36.94 1.31 0.00	38.61 1.50 0.00	36.47 1.49 0.00	34.56 1.55 -0.06	35.74 1.91 -0.12	34.92 2.02 -0.34	27.51 1.67 -0.01	27.10 1.63 0.00	26.96 1.70 0.00	33.83 2.14 0.00	38.63 2.20 0.00	39.51 1.80 0.00	39.04 1.58 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
RAVENSWOOD___4 23820	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.12 0.00	34.41 1.18 -0.16	36.99 1.35 0.00	38.66 1.56 0.00	36.53 1.55 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.98 2.08 -0.34	27.58 1.73 -0.01	27.16 1.69 0.00	27.02 1.77 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.52 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.02 1.02 0.00
RCPL_TRUST___DRP 24196	31.51 1.05 0.00	28.86 0.92 0.00	25.77 0.78 0.00	24.60 0.71 0.00	26.52 0.64 0.00	30.92 0.80 0.00	35.94 1.04 0.00	34.32 1.09 -0.16	36.96 1.32 0.00	38.62 1.51 0.00	36.49 1.51 0.00	34.59 1.57 -0.06	35.75 1.93 -0.12	34.95 2.04 -0.34	27.53 1.68 -0.01	27.11 1.64 0.00	26.97 1.72 0.00	33.86 2.17 0.00	38.65 2.22 0.00	39.51 1.80 0.00	39.03 1.57 0.00	38.83 1.36 0.00	33.94 1.19 0.00	30.96 0.97 0.00
RED___ROCHESTER 323720	30.21 -0.26 0.00	27.57 -0.37 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.47 0.00	29.57 -0.55 0.00	34.18 -0.72 0.00	32.41 -0.66 0.00	34.81 -0.83 0.00	36.39 -0.71 0.00	34.34 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.85 0.00	31.64 -0.92 0.00	25.11 -0.72 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.70 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.43 -1.04 0.00	36.68 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
REGAN___SOLAR 323812	31.80 1.33 0.00	29.14 1.20 0.00	26.03 1.04 0.00	24.88 0.98 0.00	26.95 1.07 0.00	31.44 1.32 0.00	36.57 1.67 0.00	34.76 1.78 0.08	37.18 1.54 0.00	38.03 0.92 0.00	35.11 0.13 0.03	33.24 0.31 0.03	34.14 0.50 0.07	32.58 0.20 0.19	25.86 0.04 0.01	25.28 -0.19 0.00	25.02 -0.23 0.00	31.67 -0.02 0.00	37.43 1.01 0.00	39.53 1.83 0.00	39.36 1.89 0.00	39.27 1.80 0.00	34.28 1.53 0.00	31.34 1.35 0.00
RENSSELAER___COGEN 23796	30.62 0.15 0.00	28.11 0.16 0.00	25.19 0.20 0.00	24.08 0.18 0.00	26.04 0.15 0.00	30.30 0.18 0.00	34.96 0.06 0.00	32.88 -0.08 0.11	35.73 0.09 0.00	37.21 0.10 0.00	35.03 0.05 0.00	32.99 0.08 0.04	33.79 0.18 0.09	32.62 0.30 0.24	26.14 0.32 0.01	25.77 0.30 0.00	25.56 0.30 0.00	32.07 0.37 0.00	36.87 0.44 0.00	38.03 0.33 0.00	37.73 0.26 0.00	37.61 0.14 0.00	32.82 0.06 0.00	30.00 0.01 0.00
REPUBLIC_115KV_BARTNBK 55605	33.78 3.31 0.00	30.88 2.94 0.00	27.76 2.77 0.00	26.57 2.68 0.00	28.75 2.88 0.00	33.35 3.23 0.00	38.76 3.87 0.00	36.89 3.95 0.13	40.06 4.43 0.00	41.40 4.29 0.00	38.87 3.89 0.00	36.45 3.54 0.05	37.27 3.66 0.10	36.10 3.82 0.28	28.55 2.73 0.01	28.15 2.68 0.00	28.11 2.86 0.00	35.71 4.02 0.00	41.16 4.73 0.00	42.58 4.87 0.00	42.19 4.72 0.00	41.83 4.36 0.00	36.37 3.61 0.00	33.23 3.24 0.00
REVERE_CPPR_DRP 24186	31.24 0.77 0.00	28.72 0.78 0.00	25.72 0.73 0.00	24.61 0.71 0.00	26.63 0.75 0.00	31.09 0.98 0.00	36.13 1.23 0.00	34.26 1.19 0.00	36.90 1.26 0.00	38.26 1.15 0.00	35.87 0.89 0.00	33.88 0.92 0.00	34.46 0.75 0.00	33.13 0.57 0.00	26.21 0.38 0.00	25.79 0.32 0.00	25.52 0.27 0.00	32.12 0.43 0.00	37.22 0.79 0.00	38.86 1.15 0.00	38.72 1.25 0.00	38.71 1.24 0.00	33.78 1.03 0.00	30.84 0.85 0.00
REYNLDPA_13_KV_LD 356490	30.92 0.46 0.00	28.39 0.45 0.00	25.37 0.38 0.00	24.29 0.39 0.00	26.47 0.59 0.00	30.81 0.69 0.00	35.81 0.91 0.00	33.97 0.90 0.00	36.61 0.97 0.00	37.93 0.82 0.00	35.98 0.99 0.00	33.84 0.88 0.00	34.33 0.62 0.00	32.95 0.39 0.00	26.09 0.26 0.00	25.77 0.30 0.00	25.51 0.26 0.00	32.10 0.41 0.00	36.90 0.48 0.00	38.34 0.64 0.00	38.24 0.77 0.00	38.37 0.90 0.00	33.57 0.82 0.00	30.81 0.82 0.00
REYNOLDS_115KV_TB3 80639	30.85 0.39 0.00	28.33 0.39 0.00	25.40 0.41 0.00	24.27 0.37 0.00	26.23 0.35 0.00	30.52 0.41 0.00	35.24 0.34 0.00	33.06 0.13 0.14	35.99 0.35 0.00	37.47 0.36 0.00	35.27 0.29 0.00	33.23 0.32 0.05	34.03 0.44 0.10	32.81 0.54 0.30	26.32 0.50 0.01	25.94 0.48 0.00	25.76 0.51 0.00	32.31 0.62 0.00	37.13 0.71 0.00	38.31 0.60 0.00	38.00 0.53 0.00	37.88 0.41 0.00	33.05 0.30 0.00	30.22 0.23 0.00
RIVERBAY____ 323610	32.42 1.95 0.00	29.74 1.80 0.00	26.58 1.59 0.00	25.35 1.45 0.00	27.33 1.45 0.00	31.91 1.79 0.00	37.18 2.29 0.00	35.46 2.23 -0.16	37.95 2.32 0.00	39.64 2.53 0.00	37.39 2.41 0.00	35.40 2.38 -0.06	36.62 2.79 -0.12	35.75 2.84 -0.34	28.16 2.32 -0.01	27.72 2.25 0.00	27.57 2.32 0.00	34.56 2.87 0.00	39.39 2.97 0.00	40.40 2.69 0.00	40.00 2.54 0.00	39.73 2.25 0.00	34.78 2.03 0.00	31.70 1.71 0.00
RIVERSDE_115KV_TB3 55908	30.76 0.29 0.00	28.24 0.30 0.00	25.31 0.33 0.00	24.18 0.29 0.00	26.15 0.27 0.00	30.43 0.32 0.00	35.13 0.23 0.00	33.00 0.06 0.12	35.90 0.26 0.00	37.37 0.26 0.00	35.18 0.20 0.00	33.14 0.23 0.05	33.94 0.34 0.10	32.76 0.47 0.27	26.26 0.44 0.01	25.90 0.42 0.00	25.68 0.43 0.00	32.23 0.54 0.00	37.05 0.63 0.00	38.21 0.51 0.00	37.90 0.43 0.00	37.79 0.32 0.00	32.97 0.21 0.00	30.13 0.14 0.00
ROARING___BROOK_WT_PWR 323790	30.19 -0.28 0.00	27.77 -0.17 0.00	24.94 -0.05 0.00	23.86 -0.03 0.00	25.91 0.03 0.00	30.19 0.08 0.00	35.03 0.14 0.00	33.21 0.14 0.00	35.78 0.14 0.00	37.22 0.11 0.00	35.12 0.14 0.00	33.07 0.11 0.00	33.67 -0.03 0.00	32.43 -0.13 0.00	25.73 -0.11 0.00	25.28 -0.19 0.00	25.09 -0.16 0.00	31.51 -0.18 0.00	36.23 -0.19 0.00	37.60 -0.10 0.00	37.46 0.00 0.00	37.52 0.05 0.00	32.84 0.08 0.00	30.04 0.05 0.00

ROCHESRG_115KV_T4 355643	29.91 -0.56 0.00	27.30 -0.64 0.00	24.40 -0.59 0.00	23.27 -0.62 0.00	25.17 -0.70 0.00	29.29 -0.83 0.00	33.84 -1.06 0.00	32.08 -0.99 0.00	34.45 -1.19 0.00	36.02 -1.09 0.00	33.98 -1.00 0.00	31.92 -1.04 0.00	32.50 -1.20 0.00	31.29 -1.27 0.00	24.83 -1.00 0.00	24.61 -0.86 0.00	24.24 -1.01 0.00	30.36 -1.33 0.00	34.78 -1.65 0.00	36.14 -1.56 0.00	36.01 -1.46 0.00	36.26 -1.21 0.00	31.85 -0.91 0.00	29.38 -0.61 0.00
ROCHESTER_9_IC 23652	30.08 -0.39 0.00	27.45 -0.49 0.00	24.53 -0.46 0.00	23.39 -0.50 0.00	25.30 -0.58 0.00	29.44 -0.67 0.00	34.03 -0.87 0.00	32.27 -0.80 0.00	34.65 -0.98 0.00	36.24 -0.86 0.00	34.18 -0.80 0.00	32.12 -0.84 0.00	32.70 -1.01 0.00	31.47 -1.09 0.00	24.98 -0.85 0.00	24.75 -0.72 0.00	24.37 -0.87 0.00	30.54 -1.15 0.00	35.00 -1.42 0.00	36.37 -1.33 0.00	36.24 -1.23 0.00	36.48 -0.99 0.00	32.03 -0.72 0.00	29.53 -0.46 0.00
ROCKVIEW_13_KV_LD 356306	31.56 1.09 0.00	28.91 0.97 0.00	25.81 0.82 0.00	24.63 0.74 0.00	26.58 0.70 0.00	30.96 0.84 0.00	35.95 1.05 0.00	34.31 1.08 -0.16	36.96 1.32 0.00	38.62 1.51 0.00	36.48 1.49 0.00	34.56 1.54 -0.06	35.72 1.90 -0.12	34.90 1.99 -0.34	27.48 1.63 -0.01	27.08 1.61 0.00	26.95 1.70 0.00	33.84 2.15 0.00	38.66 2.24 0.00	39.57 1.87 0.00	39.12 1.65 0.00	38.92 1.45 0.00	34.00 1.24 0.00	31.03 1.03 0.00
ROME____115KV_TB2 80656	31.24 0.77 0.00	28.72 0.78 0.00	25.72 0.73 0.00	24.61 0.71 0.00	26.63 0.75 0.00	31.09 0.98 0.00	36.13 1.23 0.00	34.26 1.19 0.00	36.90 1.26 0.00	38.26 1.15 0.00	35.87 0.89 0.00	33.88 0.92 0.00	34.46 0.75 0.00	33.13 0.57 0.00	26.21 0.38 0.00	25.79 0.32 0.00	25.52 0.27 0.00	32.12 0.43 0.00	37.22 0.79 0.00	38.86 1.15 0.00	38.72 1.25 0.00	38.71 1.24 0.00	33.78 1.03 0.00	30.84 0.85 0.00
ROSETON___1 23587	31.03 0.56 0.00	28.44 0.50 0.00	25.42 0.43 0.00	24.27 0.38 0.00	26.22 0.33 0.00	30.52 0.40 0.00	35.41 0.51 0.00	33.69 0.53 -0.10	36.28 0.64 0.00	37.87 0.76 0.00	35.70 0.71 0.00	33.75 0.75 -0.04	34.79 1.01 -0.08	33.87 1.10 -0.21	26.75 0.91 -0.01	26.35 0.88 0.00	26.22 0.97 0.00	32.93 1.24 0.00	37.75 1.32 0.00	38.77 1.06 0.00	38.38 0.91 0.00	38.23 0.76 0.00	33.41 0.66 0.00	30.52 0.53 0.00
ROSETON___2 23588	31.03 0.56 0.00	28.44 0.50 0.00	25.42 0.43 0.00	24.27 0.38 0.00	26.22 0.33 0.00	30.52 0.40 0.00	35.41 0.51 0.00	33.69 0.53 -0.10	36.28 0.64 0.00	37.87 0.76 0.00	35.70 0.71 0.00	33.75 0.75 -0.04	34.79 1.01 -0.08	33.87 1.10 -0.21	26.75 0.91 -0.01	26.35 0.88 0.00	26.22 0.97 0.00	32.93 1.24 0.00	37.75 1.32 0.00	38.77 1.06 0.00	38.38 0.91 0.00	38.23 0.76 0.00	33.41 0.66 0.00	30.52 0.53 0.00
ROTRRDAM_115KV_TB3 80664	31.08 0.61 0.00	28.50 0.57 0.00	25.51 0.52 0.00	24.37 0.47 0.00	26.37 0.48 0.00	30.69 0.58 0.00	35.58 0.68 0.00	33.63 0.66 0.10	36.35 0.71 0.00	37.78 0.67 0.00	35.51 0.53 0.00	33.41 0.49 0.04	34.24 0.61 0.07	33.01 0.65 0.21	26.34 0.51 0.01	25.95 0.48 0.00	25.78 0.53 0.00	32.42 0.73 0.00	37.35 0.92 0.00	38.64 0.93 0.00	38.35 0.88 0.00	38.26 0.79 0.00	33.40 0.65 0.00	30.55 0.56 0.00
RUSSELL___1 23602	30.21 -0.25 0.00	27.57 -0.38 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.48 0.00	29.56 -0.55 0.00	34.18 -0.72 0.00	32.42 -0.65 0.00	34.81 -0.83 0.00	36.40 -0.70 0.00	34.35 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.84 0.00	31.63 -0.93 0.00	25.10 -0.73 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.71 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.44 -1.03 0.00	36.67 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
RUSSELL___2 23532	30.21 -0.25 0.00	27.57 -0.38 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.48 0.00	29.56 -0.55 0.00	34.18 -0.72 0.00	32.42 -0.65 0.00	34.81 -0.83 0.00	36.40 -0.70 0.00	34.35 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.84 0.00	31.63 -0.93 0.00	25.10 -0.73 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.71 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.44 -1.03 0.00	36.67 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
RUSSELL___3 23549	30.21 -0.25 0.00	27.57 -0.38 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.48 0.00	29.56 -0.55 0.00	34.18 -0.72 0.00	32.42 -0.65 0.00	34.81 -0.83 0.00	36.40 -0.70 0.00	34.35 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.84 0.00	31.63 -0.93 0.00	25.10 -0.73 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.71 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.44 -1.03 0.00	36.67 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
RUSSELL___4 23556	30.21 -0.25 0.00	27.57 -0.38 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.48 0.00	29.56 -0.55 0.00	34.18 -0.72 0.00	32.42 -0.65 0.00	34.81 -0.83 0.00	36.40 -0.70 0.00	34.35 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.84 0.00	31.63 -0.93 0.00	25.10 -0.73 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.71 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.44 -1.03 0.00	36.67 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
RUSSELL___STATION 23914	30.21 -0.25 0.00	27.57 -0.38 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.48 0.00	29.56 -0.55 0.00	34.18 -0.72 0.00	32.42 -0.65 0.00	34.81 -0.83 0.00	36.40 -0.70 0.00	34.35 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.84 0.00	31.63 -0.93 0.00	25.10 -0.73 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.71 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.44 -1.03 0.00	36.67 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
S SALMON___HYD 24043	30.13 -0.34 0.00	27.74 -0.20 0.00	24.90 -0.09 0.00	23.82 -0.07 0.00	25.79 -0.09 0.00	30.08 -0.03 0.00	34.88 -0.02 0.00	33.08 0.01 0.00	35.58 -0.06 0.00	36.96 -0.14 0.00	34.79 -0.20 0.00	32.67 -0.28 0.00	33.22 -0.48 0.00	31.93 -0.63 0.00	25.20 -0.63 0.00	24.75 -0.72 0.00	24.52 -0.73 0.00	30.77 -0.92 0.00	35.64 -0.78 0.00	37.37 -0.34 0.00	37.34 -0.13 0.00	37.39 -0.09 0.00	32.67 -0.09 0.00	29.84 -0.15 0.00
S.PERRY__115KV_TB1 80734	31.21 0.74 0.00	28.55 0.60 0.00	25.54 0.55 0.00	24.42 0.53 0.00	26.49 0.61 0.00	30.91 0.80 0.00	35.93 1.03 0.00	34.17 1.10 0.00	36.53 0.90 0.00	37.88 0.77 0.00	35.42 0.44 0.00	32.71 -0.25 0.00	33.14 -0.57 0.00	31.92 -0.64 0.00	25.47 -0.37 0.00	24.88 -0.59 0.00	24.69 -0.57 0.00	30.87 -0.82 0.00	35.65 -0.78 0.00	37.38 -0.33 0.00	37.34 -0.13 0.00	37.58 0.11 0.00	32.89 0.14 0.00	30.24 0.25 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.51 -0.96 0.00	26.89 -1.05 0.00	24.03 -0.96 0.00	22.89 -1.01 0.00	24.73 -1.15 0.00	28.74 -1.37 0.00	33.09 -1.81 0.00	31.41 -1.66 0.00	33.64 -2.00 0.00	35.31 -1.80 0.00	33.32 -1.66 0.00	31.24 -1.71 0.00	31.71 -2.00 0.00	30.45 -2.11 0.00	24.21 -1.62 0.00	24.10 -1.37 0.00	23.62 -1.64 0.00	29.50 -2.19 0.00	33.64 -2.79 0.00	34.98 -2.72 0.00	34.93 -2.53 0.00	35.42 -2.05 0.00	31.30 -1.45 0.00	29.10 -0.89 0.00

SAWYER___23_KV_LOAD 55526	29.51 -0.96 0.00	26.89 -1.05 0.00	24.03 -0.96 0.00	22.89 -1.01 0.00	24.73 -1.15 0.00	28.74 -1.37 0.00	33.09 -1.81 0.00	31.41 -1.66 0.00	33.64 -2.00 0.00	35.31 -1.80 0.00	33.32 -1.66 0.00	31.24 -1.71 0.00	31.71 -2.00 0.00	30.45 -2.11 0.00	24.21 -1.62 0.00	24.10 -1.37 0.00	23.62 -1.64 0.00	29.50 -2.19 0.00	33.64 -2.79 0.00	34.98 -2.72 0.00	34.93 -2.53 0.00	35.42 -2.05 0.00	31.30 -1.45 0.00	29.10 -0.89 0.00
SELKIRK___I 23801	30.86 0.39 0.00	28.33 0.39 0.00	25.39 0.40 0.00	24.27 0.37 0.00	26.25 0.36 0.00	30.54 0.43 0.00	35.30 0.40 0.00	33.26 0.26 0.07	36.04 0.40 0.00	37.52 0.41 0.00	35.26 0.28 0.00	33.20 0.27 0.03	33.92 0.27 0.05	32.83 0.41 0.15	26.27 0.44 0.01	25.83 0.36 0.00	25.63 0.38 0.00	32.12 0.43 0.00	37.04 0.62 0.00	38.30 0.59 0.00	38.01 0.54 0.00	37.93 0.46 0.00	33.11 0.36 0.00	30.26 0.27 0.00
SELKIRK___II 23799	30.72 0.25 0.00	28.20 0.25 0.00	25.25 0.27 0.00	24.14 0.24 0.00	26.10 0.21 0.00	30.37 0.25 0.00	35.10 0.20 0.00	33.08 0.09 0.08	35.88 0.24 0.00	37.37 0.26 0.00	35.19 0.20 0.00	33.15 0.22 0.03	33.95 0.31 0.06	32.80 0.42 0.18	26.22 0.40 0.01	25.86 0.38 0.00	25.64 0.39 0.00	32.17 0.48 0.00	36.99 0.57 0.00	38.16 0.45 0.00	37.86 0.39 0.00	37.76 0.29 0.00	32.96 0.20 0.00	30.14 0.15 0.00
SENECA OSWGO___HYD 24041	29.83 -0.64 0.00	27.33 -0.61 0.00	24.45 -0.54 0.00	23.37 -0.53 0.00	25.29 -0.59 0.00	29.42 -0.69 0.00	34.02 -0.88 0.00	32.26 -0.81 0.00	34.68 -0.96 0.00	36.14 -0.96 0.00	34.04 -0.94 0.00	32.03 -0.93 0.00	32.71 -1.00 0.00	31.65 -0.91 0.00	25.06 -0.78 0.00	24.71 -0.76 0.00	24.50 -0.75 0.00	30.77 -0.92 0.00	35.37 -1.06 0.00	36.72 -0.99 0.00	36.49 -0.98 0.00	36.50 -0.97 0.00	31.90 -0.86 0.00	29.22 -0.77 0.00
SENECA___115KV_TB3 355854	29.70 -0.77 0.00	27.06 -0.88 0.00	24.17 -0.82 0.00	23.04 -0.85 0.00	24.90 -0.98 0.00	28.96 -1.16 0.00	33.38 -1.52 0.00	31.77 -1.30 0.00	33.99 -1.65 0.00	35.61 -1.50 0.00	33.55 -1.43 0.00	31.44 -1.52 0.00	31.91 -1.80 0.00	30.67 -1.89 0.00	24.40 -1.43 0.00	24.29 -1.18 0.00	23.80 -1.46 0.00	29.78 -1.91 0.00	33.98 -2.44 0.00	35.36 -2.35 0.00	35.28 -2.18 0.00	35.73 -1.74 0.00	31.53 -1.22 0.00	29.27 -0.72 0.00
SENECA___ENERGY 23797	30.18 -0.29 0.00	27.60 -0.34 0.00	24.67 -0.32 0.00	23.59 -0.31 0.00	25.51 -0.37 0.00	29.71 -0.40 0.00	34.45 -0.45 0.00	32.74 -0.33 0.00	35.14 -0.50 0.00	36.64 -0.47 0.00	34.37 -0.62 0.00	32.25 -0.71 0.00	32.86 -0.84 0.00	31.66 -0.90 0.00	25.12 -0.71 0.00	24.82 -0.65 0.00	24.52 -0.73 0.00	30.89 -0.80 0.00	35.52 -0.91 0.00	36.90 -0.81 0.00	36.67 -0.80 0.00	36.76 -0.71 0.00	32.12 -0.63 0.00	29.47 -0.52 0.00
SHOEMAKER___GT 23640	31.03 0.55 0.00	28.44 0.50 0.00	25.41 0.42 0.00	24.27 0.37 0.00	26.22 0.33 0.00	30.51 0.40 0.00	35.41 0.51 0.00	33.72 0.54 -0.11	36.27 0.63 0.00	37.81 0.70 0.00	35.62 0.64 0.00	33.71 0.71 -0.04	34.73 0.94 -0.09	33.82 1.02 -0.24	26.64 0.80 -0.01	26.23 0.76 0.00	26.12 0.86 0.00	32.85 1.16 0.00	37.68 1.26 0.00	38.76 1.05 0.00	38.38 0.91 0.00	38.24 0.77 0.00	33.40 0.65 0.00	30.52 0.52 0.00
SHOEMAKR_138KV_BK 111 55601	31.01 0.54 0.00	28.43 0.49 0.00	25.41 0.42 0.00	24.26 0.37 0.00	26.21 0.32 0.00	30.50 0.39 0.00	35.39 0.49 0.00	33.70 0.52 -0.11	36.25 0.62 0.00	37.81 0.70 0.00	35.63 0.65 0.00	33.72 0.71 -0.04	34.75 0.96 -0.08	33.83 1.03 -0.24	26.67 0.82 -0.01	26.26 0.79 0.00	26.14 0.89 0.00	32.86 1.17 0.00	37.68 1.26 0.00	38.75 1.04 0.00	38.37 0.90 0.00	38.23 0.76 0.00	33.39 0.64 0.00	30.50 0.51 0.00
SHOREHAM_IC_1 23715	31.32 0.85 0.00	28.64 0.70 0.00	25.47 0.48 0.00	24.21 0.32 0.00	26.17 0.29 0.00	30.66 0.55 0.00	35.55 0.65 0.00	34.06 0.83 -0.16	36.79 1.15 0.00	38.46 1.36 0.00	36.71 1.73 0.00	34.87 1.85 -0.06	36.19 2.36 -0.13	35.22 2.32 -0.34	27.74 1.90 -0.01	27.37 1.89 0.00	27.17 1.92 0.00	34.10 2.41 0.00	38.86 2.44 0.00	39.80 2.09 0.00	39.20 1.73 0.00	38.98 1.51 0.00	34.10 1.35 0.00	31.11 1.12 0.00
SHOREHAM_IC_2 23716	31.32 0.85 0.00	28.64 0.70 0.00	25.47 0.48 0.00	24.21 0.32 0.00	26.17 0.29 0.00	30.66 0.55 0.00	35.55 0.65 0.00	34.06 0.83 -0.16	36.79 1.15 0.00	38.46 1.35 0.00	36.71 1.72 0.00	34.87 1.85 -0.06	36.18 2.36 -0.12	35.25 2.34 -0.34	27.74 1.90 -0.01	27.37 1.89 0.00	27.18 1.93 0.00	34.10 2.41 0.00	38.86 2.44 0.00	39.80 2.09 0.00	39.19 1.73 0.00	38.99 1.52 0.00	34.10 1.35 0.00	31.11 1.12 0.00
SISSONVILLE____ 23735	31.04 0.57 0.00	28.69 0.75 0.00	25.67 0.68 0.00	24.59 0.69 0.00	26.80 0.92 0.00	31.24 1.13 0.00	36.37 1.47 0.00	34.55 1.48 0.00	37.21 1.58 0.00	38.45 1.35 0.00	36.47 1.49 0.00	34.26 1.30 0.00	34.41 0.71 0.00	32.93 0.37 0.00	25.86 0.04 0.00	25.40 -0.07 0.00	25.08 -0.17 0.00	31.54 -0.15 0.00	36.41 -0.02 0.00	38.31 0.61 0.00	38.36 0.89 0.00	38.60 1.12 0.00	33.78 1.03 0.00	31.12 1.13 0.00
SITHE_IND_GS1 24169	29.51 -0.96 0.00	27.04 -0.90 0.00	24.19 -0.80 0.00	23.12 -0.78 0.00	25.03 -0.85 0.00	29.10 -1.02 0.00	33.62 -1.28 0.00	31.84 -1.23 0.00	34.26 -1.38 0.00	35.68 -1.43 0.00	33.62 -1.36 0.00	31.67 -1.29 0.00	32.36 -1.34 0.00	31.27 -1.30 0.00	24.80 -1.03 0.00	24.46 -1.01 0.00	24.22 -1.03 0.00	30.42 -1.27 0.00	34.96 -1.46 0.00	36.25 -1.46 0.00	36.02 -1.44 0.00	36.04 -1.43 0.00	31.51 -1.25 0.00	28.88 -1.11 0.00
SITHE_IND_GS2 24170	29.51 -0.96 0.00	27.04 -0.90 0.00	24.19 -0.80 0.00	23.12 -0.78 0.00	25.03 -0.85 0.00	29.10 -1.02 0.00	33.62 -1.28 0.00	31.84 -1.23 0.00	34.26 -1.38 0.00	35.68 -1.43 0.00	33.62 -1.36 0.00	31.67 -1.29 0.00	32.36 -1.34 0.00	31.27 -1.30 0.00	24.80 -1.03 0.00	24.46 -1.01 0.00	24.22 -1.03 0.00	30.42 -1.27 0.00	34.96 -1.46 0.00	36.25 -1.46 0.00	36.02 -1.44 0.00	36.04 -1.43 0.00	31.51 -1.25 0.00	28.88 -1.11 0.00
SITHE_IND_GS3 24171	29.51 -0.96 0.00	27.04 -0.90 0.00	24.19 -0.80 0.00	23.12 -0.78 0.00	25.03 -0.85 0.00	29.10 -1.02 0.00	33.62 -1.28 0.00	31.84 -1.23 0.00	34.26 -1.38 0.00	35.68 -1.43 0.00	33.62 -1.36 0.00	31.67 -1.29 0.00	32.36 -1.34 0.00	31.27 -1.30 0.00	24.80 -1.03 0.00	24.46 -1.01 0.00	24.22 -1.03 0.00	30.42 -1.27 0.00	34.96 -1.46 0.00	36.25 -1.46 0.00	36.02 -1.44 0.00	36.04 -1.43 0.00	31.51 -1.25 0.00	28.88 -1.11 0.00
SITHE_IND_GS4 24172	29.51 -0.96 0.00	27.04 -0.90 0.00	24.19 -0.80 0.00	23.12 -0.78 0.00	25.03 -0.85 0.00	29.10 -1.02 0.00	33.62 -1.28 0.00	31.84 -1.23 0.00	34.26 -1.38 0.00	35.68 -1.43 0.00	33.62 -1.36 0.00	31.67 -1.29 0.00	32.36 -1.34 0.00	31.27 -1.30 0.00	24.80 -1.03 0.00	24.46 -1.01 0.00	24.22 -1.03 0.00	30.42 -1.27 0.00	34.96 -1.46 0.00	36.25 -1.46 0.00	36.02 -1.44 0.00	36.04 -1.43 0.00	31.51 -1.25 0.00	28.88 -1.11 0.00

SITHE___BATAVIA 24024	30.40 -0.07 0.00	27.70 -0.24 0.00	24.74 -0.25 0.00	23.56 -0.33 0.00	25.49 -0.39 0.00	29.66 -0.45 0.00	34.20 -0.70 0.00	32.39 -0.68 0.00	34.68 -0.96 0.00	36.18 -0.92 0.00	34.00 -0.99 0.00	32.03 -0.93 0.00	32.46 -1.24 0.00	31.20 -1.36 0.00	24.81 -1.02 0.00	24.63 -0.84 0.00	24.16 -1.09 0.00	30.22 -1.47 0.00	34.54 -1.88 0.00	36.21 -1.50 0.00	36.23 -1.24 0.00	36.62 -0.85 0.00	32.28 -0.48 0.00	29.93 -0.06 0.00
SITHE___INDEPEND 23800	29.51 -0.96 0.00	27.05 -0.90 0.00	24.19 -0.80 0.00	23.12 -0.78 0.00	25.02 -0.85 0.00	29.10 -1.02 0.00	33.62 -1.28 0.00	31.84 -1.23 0.00	34.26 -1.38 0.00	35.68 -1.43 0.00	33.62 -1.36 0.00	31.67 -1.29 0.00	32.36 -1.34 0.00	31.26 -1.30 0.00	24.80 -1.03 0.00	24.46 -1.01 0.00	24.23 -1.03 0.00	30.42 -1.27 0.00	34.96 -1.46 0.00	36.25 -1.46 0.00	36.02 -1.44 0.00	36.04 -1.43 0.00	31.51 -1.25 0.00	28.88 -1.11 0.00
SITHE___MASSENA 23902	31.02 0.55 0.00	28.50 0.56 0.00	25.48 0.49 0.00	24.39 0.50 0.00	26.59 0.71 0.00	30.95 0.84 0.00	35.99 1.09 0.00	34.14 1.07 0.00	36.79 1.15 0.00	38.10 0.99 0.00	36.14 1.16 0.00	33.99 1.03 0.00	34.40 0.70 0.00	33.02 0.46 0.00	26.11 0.28 0.00	25.76 0.29 0.00	25.50 0.25 0.00	32.08 0.38 0.00	36.90 0.47 0.00	38.43 0.72 0.00	38.35 0.89 0.00	38.51 1.04 0.00	33.69 0.94 0.00	30.93 0.94 0.00
SITHE___OGDNSBRG 24021	31.60 1.13 0.00	29.10 1.16 0.00	26.00 1.01 0.00	24.91 1.01 0.00	27.16 1.28 0.00	31.67 1.55 0.00	36.87 1.97 0.00	35.00 1.93 0.00	37.64 2.01 0.00	38.81 1.71 0.00	36.85 1.87 0.00	34.63 1.67 0.00	34.79 1.08 0.00	33.29 0.73 0.00	26.20 0.37 0.00	25.79 0.32 0.00	25.57 0.31 0.00	32.10 0.40 0.00	36.98 0.56 0.00	39.12 1.41 0.00	39.18 1.71 0.00	39.36 1.89 0.00	34.42 1.67 0.00	31.63 1.64 0.00
SITHE___STERLING 23777	30.98 0.51 0.00	28.43 0.49 0.00	25.44 0.45 0.00	24.33 0.44 0.00	26.35 0.47 0.00	30.71 0.60 0.00	35.65 0.75 0.00	33.82 0.74 0.00	36.39 0.75 0.00	37.70 0.59 0.00	35.44 0.46 0.00	33.49 0.53 0.00	34.12 0.41 0.00	32.88 0.31 0.00	26.01 0.18 0.00	25.65 0.18 0.00	25.37 0.12 0.00	31.93 0.24 0.00	36.89 0.46 0.00	38.42 0.71 0.00	38.25 0.78 0.00	38.22 0.75 0.00	33.37 0.61 0.00	30.48 0.49 0.00
SLEIGHT__34_KV_TB1 80719	29.95 -0.52 0.00	27.36 -0.58 0.00	24.45 -0.54 0.00	23.33 -0.57 0.00	25.26 -0.62 0.00	29.41 -0.70 0.00	34.06 -0.84 0.00	32.31 -0.77 0.00	34.67 -0.97 0.00	36.17 -0.93 0.00	34.04 -0.94 0.00	32.01 -0.94 0.00	32.60 -1.10 0.00	31.43 -1.13 0.00	24.92 -0.91 0.00	24.66 -0.81 0.00	24.32 -0.93 0.00	30.57 -1.12 0.00	35.10 -1.33 0.00	36.48 -1.23 0.00	36.35 -1.12 0.00	36.48 -0.99 0.00	31.93 -0.82 0.00	29.34 -0.65 0.00
SMITHTWN_69_KV_BK 1 55830	31.80 1.33 0.00	29.05 1.11 0.00	25.85 0.86 0.00	24.60 0.70 0.00	26.58 0.70 0.00	31.10 0.98 0.00	36.04 1.15 0.00	34.52 1.29 -0.16	37.27 1.63 0.00	39.02 1.91 0.00	37.21 2.23 0.00	35.38 2.36 -0.06	36.66 2.83 -0.12	35.72 2.82 -0.34	28.09 2.24 -0.01	27.69 2.22 0.00	27.48 2.22 0.00	34.47 2.78 0.00	39.30 2.88 0.00	40.22 2.51 0.00	39.58 2.11 0.00	39.38 1.90 0.00	34.47 1.71 0.00	31.48 1.49 0.00
SOUTH CAIRO___GT 23612	31.49 1.02 0.00	28.87 0.92 0.00	25.87 0.88 0.00	24.71 0.82 0.00	26.74 0.86 0.00	31.17 1.05 0.00	36.06 1.16 0.00	34.16 1.14 0.05	37.02 1.38 0.00	38.48 1.37 0.00	36.11 1.12 0.00	33.80 0.86 0.02	34.36 0.69 0.04	33.36 0.91 0.11	26.70 0.88 0.00	26.37 0.90 0.00	26.00 0.75 0.00	32.73 1.05 0.00	37.88 1.46 0.00	39.37 1.66 0.00	39.16 1.70 0.00	39.00 1.52 0.00	33.96 1.20 0.00	30.96 0.97 0.00
SOUTH HAMPTN___IC 23720	31.73 1.26 0.00	29.04 1.10 0.00	25.81 0.82 0.00	24.50 0.61 0.00	26.51 0.63 0.00	31.12 1.01 0.00	36.12 1.22 0.00	34.62 1.39 -0.16	37.45 1.81 0.00	39.17 2.07 0.00	37.46 2.48 0.00	35.59 2.57 -0.06	36.95 3.12 -0.13	35.99 3.09 -0.34	28.33 2.49 -0.01	27.94 2.47 0.00	27.76 2.52 0.00	34.82 3.13 0.00	39.63 3.21 0.00	40.63 2.92 0.00	40.08 2.61 0.00	39.84 2.37 0.00	34.81 2.06 0.00	31.69 1.70 0.00
SOUTHDOW_115KV_TB1 355954	30.22 -0.24 0.00	27.56 -0.38 0.00	24.57 -0.42 0.00	23.50 -0.39 0.00	25.39 -0.49 0.00	29.60 -0.51 0.00	34.52 -0.38 0.00	33.02 -0.06 0.00	35.22 -0.42 0.00	36.96 -0.14 0.00	34.70 -0.28 0.00	32.34 -0.62 0.00	32.86 -0.84 0.00	31.65 -0.91 0.00	25.23 -0.60 0.00	25.12 -0.35 0.00	24.42 -0.84 0.00	30.74 -0.95 0.00	35.14 -1.29 0.00	36.59 -1.12 0.00	36.40 -1.07 0.00	36.74 -0.73 0.00	32.23 -0.52 0.00	29.80 -0.19 0.00
SOUTHOLD_69_KV_BK 2 55809	32.00 1.53 0.00	29.37 1.43 0.00	26.08 1.09 0.00	24.70 0.81 0.00	26.76 0.87 0.00	31.56 1.44 0.00	36.71 1.81 0.00	35.18 1.95 -0.16	38.11 2.47 0.00	39.84 2.73 0.00	38.18 3.19 0.00	36.28 3.26 -0.06	37.67 3.84 -0.12	36.72 3.82 -0.34	28.87 3.03 -0.01	28.43 2.96 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.26 3.83 0.00	41.39 3.68 0.00	40.97 3.50 0.00	40.79 3.32 0.00	35.58 2.82 0.00	32.26 2.27 0.00
SOUTHOLD___IC 23719	32.00 1.53 0.00	29.37 1.43 0.00	26.08 1.09 0.00	24.70 0.81 0.00	26.75 0.87 0.00	31.56 1.44 0.00	36.71 1.81 0.00	35.18 1.95 -0.16	38.11 2.47 0.00	39.84 2.73 0.00	38.18 3.19 0.00	36.28 3.27 -0.06	37.67 3.84 -0.13	36.72 3.82 -0.34	28.87 3.03 -0.01	28.43 2.96 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.26 3.83 0.00	41.39 3.69 0.00	40.97 3.51 0.00	40.79 3.32 0.00	35.58 2.82 0.00	32.26 2.27 0.00
SOUTH_FORK_WT_PWR 323839	31.86 1.39 0.00	29.32 1.38 0.00	26.04 1.05 0.00	24.61 0.71 0.00	26.67 0.80 0.00	31.56 1.44 0.00	36.76 1.86 0.00	35.22 1.99 -0.16	38.17 2.53 0.00	39.86 2.76 0.00	38.25 3.26 0.00	36.32 3.30 -0.06	37.72 3.89 -0.13	36.80 3.90 -0.34	28.88 3.03 -0.01	28.37 2.90 0.00	28.28 3.03 0.00	35.44 3.75 0.00	40.20 3.78 0.00	41.42 3.71 0.00	41.14 3.67 0.00	40.98 3.51 0.00	35.73 2.97 0.00	32.34 2.35 0.00
SPIERFLS_115KV_TB 1 80737	32.19 1.72 0.00	29.48 1.54 0.00	26.42 1.43 0.00	25.24 1.34 0.00	27.30 1.42 0.00	31.79 1.68 0.00	36.93 2.03 0.00	34.93 1.99 0.12	37.87 2.23 0.00	39.29 2.18 0.00	36.68 1.70 0.00	34.40 1.49 0.05	35.17 1.57 0.10	33.90 1.61 0.27	27.02 1.20 0.01	26.69 1.22 0.00	26.54 1.29 0.00	33.72 2.04 0.00	38.87 2.45 0.00	40.34 2.63 0.00	39.99 2.52 0.00	39.78 2.31 0.00	34.64 1.89 0.00	31.64 1.65 0.00
ST LAWRENCE____ 23600	30.59 0.12 0.00	28.07 0.12 0.00	25.08 0.09 0.00	24.01 0.12 0.00	26.17 0.28 0.00	30.44 0.33 0.00	35.38 0.48 0.00	33.56 0.49 0.00	36.16 0.52 0.00	37.54 0.43 0.00	35.54 0.55 0.00	33.43 0.47 0.00	33.94 0.24 0.00	32.61 0.05 0.00	25.83 0.00 0.00	25.49 0.02 0.00	25.25 0.00 0.00	31.78 0.09 0.00	36.52 0.10 0.00	37.93 0.23 0.00	37.82 0.35 0.00	37.91 0.45 0.00	33.18 0.42 0.00	30.43 0.44 0.00

STATE_CA_115KV_115_LB 55624	30.78 0.32 0.00	28.25 0.31 0.00	25.32 0.33 0.00	24.20 0.30 0.00	26.17 0.28 0.00	30.46 0.35 0.00	35.16 0.27 0.00	33.09 0.14 0.12	35.96 0.33 0.00	37.43 0.33 0.00	35.24 0.26 0.00	33.18 0.27 0.04	33.99 0.38 0.09	32.82 0.52 0.25	26.31 0.48 0.01	25.92 0.45 0.00	25.71 0.46 0.00	32.28 0.59 0.00	37.11 0.69 0.00	38.28 0.57 0.00	37.96 0.49 0.00	37.84 0.37 0.00	33.01 0.26 0.00	30.16 0.17 0.00
STATE_ST_34_KV_LOAD 55959	30.40 -0.07 0.00	27.84 -0.10 0.00	24.90 -0.09 0.00	23.77 -0.12 0.00	25.75 -0.13 0.00	29.99 -0.12 0.00	34.74 -0.16 0.00	32.97 -0.10 0.00	35.39 -0.25 0.00	36.89 -0.21 0.00	34.60 -0.38 0.00	32.49 -0.47 0.00	33.25 -0.46 0.00	32.09 -0.46 0.00	25.42 -0.42 0.00	25.09 -0.38 0.00	24.83 -0.42 0.00	31.29 -0.40 0.00	36.02 -0.41 0.00	37.30 -0.40 0.00	37.08 -0.38 0.00	37.22 -0.25 0.00	32.42 -0.33 0.00	29.71 -0.28 0.00
STATION_5_MISC_HYD 23604	30.08 -0.39 0.00	27.45 -0.49 0.00	24.53 -0.46 0.00	23.39 -0.50 0.00	25.31 -0.58 0.00	29.45 -0.67 0.00	34.03 -0.87 0.00	32.26 -0.80 0.00	34.65 -0.98 0.00	36.23 -0.88 0.00	34.18 -0.81 0.00	32.11 -0.85 0.00	32.70 -1.01 0.00	31.48 -1.09 0.00	24.98 -0.85 0.00	24.75 -0.72 0.00	24.38 -0.87 0.00	30.54 -1.15 0.00	35.00 -1.42 0.00	36.37 -1.33 0.00	36.24 -1.23 0.00	36.48 -0.99 0.00	32.03 -0.73 0.00	29.53 -0.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.07 -0.39 0.00	27.48 -0.46 0.00	24.57 -0.43 0.00	23.45 -0.44 0.00	25.38 -0.50 0.00	29.54 -0.57 0.00	34.20 -0.70 0.00	32.47 -0.60 0.00	34.85 -0.79 0.00	36.39 -0.71 0.00	34.26 -0.72 0.00	32.16 -0.80 0.00	32.72 -0.98 0.00	31.52 -1.04 0.00	25.02 -0.81 0.00	24.77 -0.70 0.00	24.42 -0.83 0.00	30.69 -1.00 0.00	35.26 -1.17 0.00	36.65 -1.06 0.00	36.46 -1.01 0.00	36.61 -0.86 0.00	32.06 -0.70 0.00	29.47 -0.52 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.92 -0.55 0.00	27.31 -0.63 0.00	24.41 -0.58 0.00	23.29 -0.61 0.00	25.19 -0.69 0.00	29.31 -0.81 0.00	33.88 -1.02 0.00	32.13 -0.95 0.00	34.51 -1.13 0.00	36.08 -1.03 0.00	34.04 -0.94 0.00	31.99 -0.97 0.00	32.58 -1.13 0.00	31.36 -1.20 0.00	24.89 -0.94 0.00	24.65 -0.82 0.00	24.29 -0.96 0.00	30.43 -1.26 0.00	34.89 -1.54 0.00	36.25 -1.46 0.00	36.10 -1.37 0.00	36.32 -1.15 0.00	31.88 -0.88 0.00	29.38 -0.61 0.00
STA_56___34_KV_BUS2 355983	29.92 -0.55 0.00	27.31 -0.63 0.00	24.41 -0.58 0.00	23.29 -0.61 0.00	25.19 -0.69 0.00	29.31 -0.81 0.00	33.88 -1.02 0.00	32.13 -0.95 0.00	34.51 -1.13 0.00	36.08 -1.03 0.00	34.04 -0.94 0.00	31.99 -0.97 0.00	32.58 -1.13 0.00	31.36 -1.20 0.00	24.89 -0.94 0.00	24.65 -0.82 0.00	24.29 -0.96 0.00	30.43 -1.26 0.00	34.89 -1.54 0.00	36.25 -1.46 0.00	36.10 -1.37 0.00	36.32 -1.15 0.00	31.88 -0.88 0.00	29.38 -0.61 0.00
STA_67___115KV_BK2 355882	30.01 -0.46 0.00	27.39 -0.55 0.00	24.48 -0.51 0.00	23.35 -0.54 0.00	25.25 -0.63 0.00	29.39 -0.73 0.00	33.96 -0.94 0.00	32.19 -0.88 0.00	34.57 -1.07 0.00	36.15 -0.95 0.00	34.11 -0.88 0.00	32.04 -0.92 0.00	32.62 -1.09 0.00	31.39 -1.17 0.00	24.92 -0.91 0.00	24.70 -0.77 0.00	24.32 -0.93 0.00	30.47 -1.23 0.00	34.91 -1.52 0.00	36.29 -1.41 0.00	36.15 -1.32 0.00	36.41 -1.06 0.00	31.96 -0.79 0.00	29.48 -0.51 0.00
STA_7___115KV_9TRANS 80674	30.21 -0.25 0.00	27.57 -0.38 0.00	24.63 -0.36 0.00	23.49 -0.41 0.00	25.41 -0.48 0.00	29.56 -0.55 0.00	34.18 -0.72 0.00	32.42 -0.65 0.00	34.81 -0.83 0.00	36.40 -0.70 0.00	34.35 -0.64 0.00	32.28 -0.68 0.00	32.86 -0.84 0.00	31.63 -0.93 0.00	25.10 -0.73 0.00	24.88 -0.60 0.00	24.50 -0.75 0.00	30.71 -0.99 0.00	35.20 -1.23 0.00	36.59 -1.12 0.00	36.44 -1.03 0.00	36.67 -0.79 0.00	32.18 -0.57 0.00	29.66 -0.33 0.00
STA_82___115KV_TB1 80780	30.02 -0.45 0.00	27.40 -0.54 0.00	24.49 -0.50 0.00	23.36 -0.53 0.00	25.27 -0.61 0.00	29.39 -0.72 0.00	33.97 -0.93 0.00	32.21 -0.86 0.00	34.59 -1.05 0.00	36.17 -0.94 0.00	34.11 -0.87 0.00	32.05 -0.91 0.00	32.62 -1.08 0.00	31.40 -1.16 0.00	24.93 -0.90 0.00	24.70 -0.77 0.00	24.33 -0.93 0.00	30.48 -1.22 0.00	34.92 -1.51 0.00	36.30 -1.41 0.00	36.17 -1.30 0.00	36.41 -1.06 0.00	31.97 -0.78 0.00	29.48 -0.51 0.00
STEEL___WIND 323596	29.67 -0.80 0.00	27.04 -0.90 0.00	24.15 -0.84 0.00	23.02 -0.88 0.00	24.87 -1.02 0.00	28.93 -1.18 0.00	33.34 -1.56 0.00	31.72 -1.35 0.00	33.95 -1.69 0.00	35.55 -1.56 0.00	33.48 -1.51 0.00	31.39 -1.57 0.00	31.86 -1.84 0.00	30.62 -1.94 0.00	24.38 -1.46 0.00	24.25 -1.22 0.00	23.76 -1.50 0.00	29.74 -1.95 0.00	33.93 -2.49 0.00	35.32 -2.39 0.00	35.26 -2.21 0.00	35.70 -1.78 0.00	31.50 -1.25 0.00	29.25 -0.74 0.00
STEPHTWN_115KV_BK_2 55603	30.94 0.47 0.00	28.36 0.42 0.00	25.38 0.39 0.00	24.22 0.32 0.00	26.22 0.34 0.00	30.55 0.44 0.00	35.28 0.38 0.00	33.18 0.22 0.11	36.10 0.46 0.00	37.62 0.51 0.00	35.42 0.44 0.00	33.28 0.37 0.04	34.04 0.43 0.09	32.92 0.61 0.24	26.36 0.54 0.01	26.05 0.58 0.00	25.83 0.58 0.00	32.48 0.80 0.00	37.38 0.95 0.00	38.55 0.84 0.00	38.14 0.67 0.00	38.00 0.52 0.00	33.09 0.33 0.00	30.30 0.30 0.00
STEUBEN_REC_LFGE 323667	30.36 -0.11 0.00	27.90 -0.04 0.00	25.00 0.01 0.00	23.97 0.07 0.00	25.99 0.11 0.00	30.34 0.23 0.00	35.32 0.42 0.00	33.66 0.58 0.00	36.02 0.38 0.00	37.44 0.34 0.00	35.05 0.06 0.00	31.92 -1.04 0.00	32.09 -1.61 0.00	30.89 -1.67 0.00	24.75 -1.09 0.00	24.26 -1.21 0.00	24.01 -1.24 0.00	30.11 -1.59 0.00	34.69 -1.74 0.00	36.45 -1.26 0.00	36.11 -1.36 0.00	36.28 -1.19 0.00	31.71 -1.05 0.00	29.14 -0.85 0.00
STILLWATER___SOLAR 323814	31.72 1.25 0.00	29.10 1.15 0.00	26.06 1.06 0.00	24.89 1.00 0.00	26.92 1.04 0.00	31.35 1.23 0.00	36.38 1.49 0.00	34.30 1.37 0.14	37.19 1.55 0.00	38.61 1.50 0.00	36.20 1.22 0.00	33.97 1.06 0.05	34.77 1.17 0.11	33.50 1.24 0.30	26.78 0.96 0.01	26.45 0.98 0.00	26.26 1.00 0.00	33.15 1.46 0.00	38.25 1.83 0.00	39.60 1.89 0.00	39.26 1.79 0.00	39.11 1.64 0.00	34.09 1.34 0.00	31.17 1.18 0.00
STONY___BROOK 24151	31.74 1.27 0.00	29.00 1.06 0.00	25.80 0.81 0.00	24.55 0.66 0.00	26.53 0.65 0.00	31.04 0.93 0.00	35.98 1.08 0.00	34.46 1.23 -0.16	37.21 1.57 0.00	38.94 1.84 0.00	37.15 2.17 0.00	35.31 2.29 -0.06	36.61 2.77 -0.13	35.64 2.74 -0.34	28.03 2.19 -0.01	27.63 2.16 0.00	27.43 2.18 0.00	34.42 2.72 0.00	39.24 2.81 0.00	40.16 2.46 0.00	39.52 2.05 0.00	39.32 1.85 0.00	34.41 1.66 0.00	31.43 1.45 0.00
STURGEON_POOL_HYD 23609	31.24 0.77 0.00	28.63 0.69 0.00	25.58 0.59 0.00	24.42 0.53 0.00	26.37 0.48 0.00	30.69 0.58 0.00	35.62 0.72 0.00	33.91 0.77 -0.07	36.56 0.92 0.00	38.17 1.07 0.00	36.00 1.02 0.00	34.07 1.08 -0.03	35.17 1.41 -0.05	34.12 1.41 -0.15	26.97 1.14 -0.01	26.58 1.11 0.00	26.50 1.25 0.00	33.29 1.60 0.00	38.11 1.68 0.00	39.10 1.40 0.00	38.70 1.23 0.00	38.56 1.08 0.00	33.65 0.90 0.00	30.72 0.73 0.00

ST_LAW_115_BK7_LBMP 345037	30.61 0.15 0.00	28.10 0.16 0.00	25.11 0.12 0.00	24.04 0.15 0.00	26.20 0.32 0.00	30.49 0.38 0.00	35.43 0.53 0.00	33.62 0.55 0.00	36.21 0.57 0.00	37.59 0.48 0.00	35.60 0.62 0.00	33.49 0.53 0.00	33.97 0.27 0.00	32.63 0.07 0.00	25.83 0.00 0.00	25.50 0.03 0.00	25.26 0.00 0.00	31.78 0.10 0.00	36.54 0.12 0.00	37.96 0.25 0.00	37.86 0.39 0.00	37.97 0.50 0.00	33.23 0.47 0.00	30.49 0.50 0.00
ST_LAW_115_BK8_LBMP 345038	30.61 0.15 0.00	28.10 0.16 0.00	25.11 0.12 0.00	24.04 0.15 0.00	26.20 0.32 0.00	30.49 0.38 0.00	35.43 0.53 0.00	33.62 0.55 0.00	36.21 0.57 0.00	37.59 0.48 0.00	35.60 0.62 0.00	33.49 0.53 0.00	33.97 0.27 0.00	32.63 0.07 0.00	25.83 0.00 0.00	25.50 0.03 0.00	25.26 0.00 0.00	31.78 0.10 0.00	36.54 0.12 0.00	37.96 0.25 0.00	37.86 0.39 0.00	37.97 0.50 0.00	33.23 0.47 0.00	30.49 0.50 0.00
ST_LAW_230_BK5_LBMP 345035	30.59 0.12 0.00	28.07 0.12 0.00	25.08 0.09 0.00	24.01 0.12 0.00	26.17 0.28 0.00	30.44 0.33 0.00	35.38 0.48 0.00	33.56 0.49 0.00	36.16 0.52 0.00	37.54 0.43 0.00	35.54 0.55 0.00	33.43 0.47 0.00	33.94 0.24 0.00	32.61 0.05 0.00	25.83 0.00 0.00	25.49 0.02 0.00	25.25 0.00 0.00	31.78 0.09 0.00	36.52 0.10 0.00	37.93 0.23 0.00	37.82 0.35 0.00	37.91 0.45 0.00	33.18 0.42 0.00	30.43 0.44 0.00
ST_LAW_230_BK6_LBMP 345036	30.59 0.12 0.00	28.07 0.12 0.00	25.08 0.09 0.00	24.01 0.12 0.00	26.17 0.28 0.00	30.44 0.33 0.00	35.38 0.48 0.00	33.56 0.49 0.00	36.16 0.52 0.00	37.54 0.43 0.00	35.54 0.55 0.00	33.43 0.47 0.00	33.94 0.24 0.00	32.61 0.05 0.00	25.83 0.00 0.00	25.49 0.02 0.00	25.25 0.00 0.00	31.78 0.09 0.00	36.52 0.10 0.00	37.93 0.23 0.00	37.82 0.35 0.00	37.91 0.45 0.00	33.18 0.42 0.00	30.43 0.44 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.12 0.65 0.00	28.53 0.59 0.00	25.49 0.50 0.00	24.34 0.44 0.00	26.28 0.39 0.00	30.59 0.48 0.00	35.49 0.59 0.00	33.81 0.62 -0.12	36.39 0.75 0.00	37.99 0.88 0.00	35.82 0.84 0.00	33.89 0.89 -0.04	34.98 1.19 -0.09	34.10 1.27 -0.26	26.88 1.04 -0.01	26.48 1.01 0.00	26.37 1.12 0.00	33.13 1.44 0.00	37.95 1.52 0.00	38.94 1.24 0.00	38.54 1.07 0.00	38.38 0.91 0.00	33.53 0.78 0.00	30.62 0.63 0.00
SWANROAD_115KV_TB1 355699	29.21 -1.26 0.00	26.61 -1.33 0.00	23.76 -1.23 0.00	22.64 -1.26 0.00	24.46 -1.42 0.00	28.41 -1.70 0.00	32.54 -2.35 0.00	30.76 -2.31 0.00	32.95 -2.69 0.00	34.64 -2.47 0.00	32.67 -2.31 0.00	30.68 -2.28 0.00	31.08 -2.63 0.00	29.84 -2.72 0.00	23.73 -2.10 0.00	23.63 -1.84 0.00	23.15 -2.11 0.00	28.83 -2.86 0.00	32.83 -3.60 0.00	34.16 -3.54 0.00	34.18 -3.29 0.00	34.71 -2.76 0.00	30.80 -1.95 0.00	28.81 -1.18 0.00
SYNERGY___BIOGAS 323694	30.39 -0.07 0.00	27.69 -0.25 0.00	24.74 -0.25 0.00	23.56 -0.34 0.00	25.49 -0.39 0.00	29.66 -0.45 0.00	34.20 -0.70 0.00	32.41 -0.67 0.00	34.68 -0.96 0.00	36.19 -0.91 0.00	34.00 -0.99 0.00	32.03 -0.93 0.00	32.46 -1.24 0.00	31.20 -1.37 0.00	24.81 -1.03 0.00	24.64 -0.83 0.00	24.15 -1.10 0.00	30.22 -1.47 0.00	34.54 -1.88 0.00	36.22 -1.49 0.00	36.24 -1.23 0.00	36.62 -0.85 0.00	32.28 -0.48 0.00	29.93 -0.07 0.00
SYRACUSE___ENERGY_ST1 323597	30.18 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.62 -0.27 0.00	25.57 -0.31 0.00	29.75 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.10 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.94 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
SYRACUSE___ENERGY_ST2 323598	30.18 -0.29 0.00	27.64 -0.30 0.00	24.72 -0.27 0.00	23.62 -0.27 0.00	25.57 -0.31 0.00	29.75 -0.36 0.00	34.44 -0.46 0.00	32.66 -0.41 0.00	35.10 -0.54 0.00	36.58 -0.52 0.00	34.45 -0.53 0.00	32.42 -0.54 0.00	33.12 -0.58 0.00	32.01 -0.55 0.00	25.36 -0.47 0.00	25.03 -0.44 0.00	24.76 -0.49 0.00	31.13 -0.56 0.00	35.82 -0.61 0.00	37.15 -0.56 0.00	36.91 -0.56 0.00	36.94 -0.54 0.00	32.26 -0.50 0.00	29.54 -0.45 0.00
SYRACUSE___POWER 24017	30.17 -0.31 0.00	27.63 -0.32 0.00	24.70 -0.29 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.73 -0.39 0.00	34.42 -0.48 0.00	32.64 -0.43 0.00	35.10 -0.54 0.00	36.57 -0.53 0.00	34.48 -0.50 0.00	32.44 -0.52 0.00	33.15 -0.56 0.00	32.02 -0.54 0.00	25.38 -0.46 0.00	25.03 -0.44 0.00	24.75 -0.50 0.00	31.10 -0.59 0.00	35.80 -0.63 0.00	37.14 -0.56 0.00	36.91 -0.57 0.00	36.93 -0.54 0.00	32.27 -0.49 0.00	29.54 -0.45 0.00
TALLMAN__138KV_BK151 55660	31.26 0.79 0.00	28.65 0.71 0.00	25.58 0.59 0.00	24.42 0.52 0.00	26.36 0.48 0.00	30.69 0.58 0.00	35.65 0.75 0.00	33.99 0.78 -0.13	36.58 0.94 0.00	38.21 1.11 0.00	36.06 1.07 0.00	34.13 1.12 -0.05	35.27 1.47 -0.10	34.43 1.58 -0.29	27.15 1.30 -0.01	26.74 1.27 0.00	26.63 1.38 0.00	33.45 1.77 0.00	38.27 1.85 0.00	39.20 1.50 0.00	38.76 1.29 0.00	38.59 1.11 0.00	33.72 0.97 0.00	30.79 0.80 0.00
TEALLAVE_115KV_TB7 355573	30.02 -0.45 0.00	27.49 -0.45 0.00	24.59 -0.40 0.00	23.50 -0.40 0.00	25.43 -0.45 0.00	29.58 -0.53 0.00	34.24 -0.66 0.00	32.46 -0.61 0.00	34.91 -0.73 0.00	36.39 -0.72 0.00	34.30 -0.68 0.00	32.30 -0.66 0.00	32.99 -0.71 0.00	31.87 -0.69 0.00	25.26 -0.58 0.00	24.90 -0.57 0.00	24.64 -0.62 0.00	30.93 -0.76 0.00	35.58 -0.84 0.00	36.90 -0.80 0.00	36.67 -0.79 0.00	36.72 -0.76 0.00	32.09 -0.66 0.00	29.39 -0.60 0.00
TELGRAPH_34_KV_EAST 80808	29.81 -0.66 0.00	27.15 -0.79 0.00	24.25 -0.74 0.00	23.10 -0.80 0.00	24.97 -0.91 0.00	29.03 -1.08 0.00	33.39 -1.51 0.00	31.59 -1.48 0.00	33.83 -1.81 0.00	35.46 -1.64 0.00	33.43 -1.55 0.00	31.41 -1.55 0.00	31.83 -1.87 0.00	30.57 -1.99 0.00	24.33 -1.50 0.00	24.16 -1.30 0.00	23.70 -1.55 0.00	29.57 -2.12 0.00	33.76 -2.66 0.00	35.24 -2.47 0.00	35.25 -2.22 0.00	35.71 -1.76 0.00	31.56 -1.19 0.00	29.37 -0.62 0.00
TEMPLE___115KV_TB 2 55572	30.03 -0.44 0.00	27.50 -0.44 0.00	24.60 -0.40 0.00	23.50 -0.39 0.00	25.44 -0.44 0.00	29.59 -0.53 0.00	34.24 -0.65 0.00	32.47 -0.60 0.00	34.92 -0.72 0.00	36.39 -0.71 0.00	34.31 -0.67 0.00	32.31 -0.65 0.00	33.00 -0.71 0.00	31.88 -0.68 0.00	25.27 -0.56 0.00	24.92 -0.55 0.00	24.65 -0.60 0.00	30.96 -0.73 0.00	35.61 -0.82 0.00	36.92 -0.79 0.00	36.68 -0.79 0.00	36.73 -0.75 0.00	32.10 -0.66 0.00	29.40 -0.59 0.00
TIANA____69_KV_BK 1 55817	31.67 1.20 0.00	28.97 1.03 0.00	25.74 0.75 0.00	24.46 0.56 0.00	26.45 0.57 0.00	31.02 0.91 0.00	35.99 1.09 0.00	34.49 1.27 -0.16	37.30 1.66 0.00	39.02 1.91 0.00	37.28 2.30 0.00	35.43 2.41 -0.06	36.77 2.94 -0.12	35.84 2.93 -0.34	28.20 2.36 -0.01	27.81 2.34 0.00	27.64 2.38 0.00	34.67 2.98 0.00	39.49 3.06 0.00	40.45 2.75 0.00	39.87 2.40 0.00	39.63 2.16 0.00	34.63 1.88 0.00	31.55 1.56 0.00

TILDEN___115KV_TB1 80814	30.17 -0.31 0.00	27.63 -0.32 0.00	24.70 -0.29 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.73 -0.39 0.00	34.42 -0.48 0.00	32.64 -0.43 0.00	35.10 -0.54 0.00	36.57 -0.53 0.00	34.48 -0.50 0.00	32.44 -0.52 0.00	33.15 -0.56 0.00	32.02 -0.54 0.00	25.38 -0.46 0.00	25.03 -0.44 0.00	24.75 -0.50 0.00	31.10 -0.59 0.00	35.80 -0.63 0.00	37.14 -0.56 0.00	36.91 -0.57 0.00	36.93 -0.54 0.00	32.27 -0.49 0.00	29.54 -0.45 0.00
TRIGEN___CC 323695	31.58 1.12 0.00	28.89 0.95 0.00	25.76 0.77 0.00	24.57 0.67 0.00	26.52 0.64 0.00	30.96 0.85 0.00	35.88 0.98 0.00	34.30 1.07 -0.16	36.99 1.35 0.00	38.68 1.58 0.00	36.71 1.73 0.00	34.80 1.79 -0.06	36.02 2.20 -0.12	35.08 2.17 -0.34	27.63 1.78 -0.01	27.21 1.74 0.00	27.06 1.81 0.00	33.92 2.23 0.00	38.75 2.32 0.00	39.64 1.94 0.00	39.11 1.64 0.00	38.93 1.46 0.00	34.05 1.30 0.00	31.15 1.16 0.00
TRINITY___115KV___4 BK 55933	30.67 0.20 0.00	28.15 0.21 0.00	25.24 0.25 0.00	24.11 0.22 0.00	26.08 0.20 0.00	30.35 0.24 0.00	35.03 0.13 0.00	32.93 -0.03 0.11	35.80 0.16 0.00	37.27 0.16 0.00	35.09 0.10 0.00	33.05 0.13 0.04	33.86 0.24 0.09	32.68 0.37 0.25	26.19 0.37 0.01	25.82 0.35 0.00	25.61 0.35 0.00	32.13 0.44 0.00	36.94 0.52 0.00	38.10 0.40 0.00	37.79 0.32 0.00	37.67 0.20 0.00	32.88 0.13 0.00	30.04 0.05 0.00
UNION___PROCESSING_DRP 323587	30.03 -0.44 0.00	27.40 -0.54 0.00	24.50 -0.49 0.00	23.37 -0.53 0.00	25.27 -0.61 0.00	29.40 -0.71 0.00	33.99 -0.91 0.00	32.22 -0.85 0.00	34.60 -1.04 0.00	36.17 -0.94 0.00	34.11 -0.87 0.00	32.05 -0.91 0.00	32.63 -1.07 0.00	31.41 -1.15 0.00	24.93 -0.90 0.00	24.70 -0.77 0.00	24.33 -0.93 0.00	30.48 -1.21 0.00	34.92 -1.50 0.00	36.31 -1.39 0.00	36.17 -1.29 0.00	36.42 -1.05 0.00	31.98 -0.77 0.00	29.49 -0.50 0.00
UPPER HUDSON___HYD 24058	32.19 1.72 0.00	29.48 1.54 0.00	26.42 1.43 0.00	25.24 1.34 0.00	27.30 1.42 0.00	31.79 1.67 0.00	36.93 2.03 0.00	34.93 1.99 0.12	37.87 2.24 0.00	39.29 2.18 0.00	36.68 1.70 0.00	34.41 1.49 0.05	35.18 1.57 0.10	33.90 1.61 0.27	27.03 1.20 0.01	26.69 1.22 0.00	26.54 1.29 0.00	33.73 2.04 0.00	38.87 2.45 0.00	40.34 2.63 0.00	39.99 2.52 0.00	39.78 2.31 0.00	34.64 1.89 0.00	31.64 1.65 0.00
UPPER RAQUET___HYD 24056	31.04 0.57 0.00	28.69 0.75 0.00	25.67 0.68 0.00	24.59 0.69 0.00	26.80 0.92 0.00	31.24 1.13 0.00	36.37 1.47 0.00	34.55 1.48 0.00	37.21 1.57 0.00	38.45 1.35 0.00	36.47 1.49 0.00	34.26 1.30 0.00	34.41 0.71 0.00	32.93 0.37 0.00	25.86 0.04 0.00	25.40 -0.07 0.00	25.08 -0.17 0.00	31.54 -0.15 0.00	36.41 -0.02 0.00	38.31 0.61 0.00	38.35 0.89 0.00	38.59 1.13 0.00	33.78 1.03 0.00	31.12 1.13 0.00
VALLEY44_115KV_TB2 355964	29.52 -0.96 0.00	26.92 -1.02 0.00	24.05 -0.94 0.00	22.97 -0.93 0.00	24.86 -1.03 0.00	28.92 -1.19 0.00	33.56 -1.34 0.00	32.02 -1.05 0.00	34.17 -1.47 0.00	35.87 -1.24 0.00	33.76 -1.22 0.00	31.39 -1.57 0.00	31.94 -1.76 0.00	30.76 -1.80 0.00	24.51 -1.33 0.00	24.37 -1.10 0.00	23.86 -1.39 0.00	29.94 -1.75 0.00	34.17 -2.25 0.00	35.53 -2.18 0.00	35.30 -2.17 0.00	35.56 -1.91 0.00	31.19 -1.57 0.00	28.85 -1.14 0.00
VALLEY___115KV_TB 1-4 80826	30.96 0.49 0.00	28.40 0.46 0.00	25.34 0.35 0.00	24.27 0.37 0.00	26.23 0.35 0.00	30.60 0.48 0.00	35.47 0.57 0.00	33.58 0.51 0.00	36.12 0.48 0.00	37.45 0.34 0.00	35.01 0.03 0.00	32.95 -0.01 0.00	33.87 0.16 0.00	32.78 0.22 0.00	25.92 0.09 0.00	25.52 0.05 0.00	25.22 -0.03 0.00	31.84 0.15 0.00	36.89 0.46 0.00	38.29 0.59 0.00	37.96 0.49 0.00	37.88 0.41 0.00	33.05 0.30 0.00	30.22 0.23 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.16 0.69 0.00	28.54 0.60 0.00	25.50 0.51 0.00	24.38 0.48 0.00	26.38 0.49 0.00	30.73 0.62 0.00	35.67 0.77 0.00	33.91 0.84 0.00	36.53 0.90 0.00	38.11 1.00 0.00	35.96 0.98 0.00	33.87 0.91 0.00	34.67 0.96 0.00	33.54 0.98 0.00	26.64 0.81 0.00	26.22 0.75 0.00	26.04 0.78 0.00	32.72 1.03 0.00	37.72 1.30 0.00	38.94 1.23 0.00	38.60 1.13 0.00	38.52 1.05 0.00	33.67 0.92 0.00	30.80 0.81 0.00
VISCHER___FERRY HYD 24020	31.20 0.73 0.00	28.66 0.72 0.00	25.69 0.70 0.00	24.54 0.64 0.00	26.52 0.64 0.00	30.87 0.75 0.00	35.74 0.84 0.00	33.55 0.65 0.17	36.50 0.86 0.00	37.95 0.84 0.00	35.69 0.71 0.00	33.58 0.68 0.06	34.35 0.78 0.13	33.05 0.86 0.37	26.53 0.72 0.01	26.17 0.70 0.00	26.00 0.75 0.00	32.67 0.98 0.00	37.59 1.17 0.00	38.84 1.13 0.00	38.53 1.06 0.00	38.40 0.93 0.00	33.50 0.74 0.00	30.64 0.65 0.00
V_A_10_SYNC_DSASP 323832	29.55 -0.92 0.00	26.94 -1.01 0.00	24.08 -0.91 0.00	22.95 -0.94 0.00	24.81 -1.07 0.00	28.83 -1.28 0.00	33.23 -1.67 0.00	31.50 -1.57 0.00	33.78 -1.86 0.00	35.44 -1.67 0.00	33.46 -1.53 0.00	31.39 -1.57 0.00	31.89 -1.81 0.00	30.65 -1.91 0.00	24.35 -1.48 0.00	24.20 -1.27 0.00	23.76 -1.50 0.00	29.68 -2.01 0.00	33.89 -2.53 0.00	35.22 -2.49 0.00	35.14 -2.33 0.00	35.55 -1.92 0.00	31.35 -1.40 0.00	29.08 -0.91 0.00
V_CMM_10_SYNC_DSASP 323787	30.77 0.30 0.00	28.24 0.30 0.00	25.24 0.24 0.00	24.16 0.27 0.00	26.33 0.45 0.00	30.65 0.53 0.00	35.61 0.71 0.00	33.80 0.73 0.00	36.41 0.77 0.00	37.76 0.66 0.00	35.79 0.81 0.00	33.66 0.70 0.00	34.14 0.44 0.00	32.78 0.22 0.00	25.96 0.13 0.00	25.63 0.16 0.00	25.38 0.13 0.00	31.94 0.25 0.00	36.72 0.30 0.00	38.14 0.44 0.00	38.05 0.58 0.00	38.17 0.70 0.00	33.40 0.65 0.00	30.65 0.66 0.00
V_CMP_10_SYNC_DSASP 323788	31.02 0.55 0.00	28.50 0.56 0.00	25.49 0.50 0.00	24.41 0.52 0.00	26.55 0.67 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.18 1.11 0.00	36.86 1.22 0.00	38.19 1.09 0.00	36.13 1.15 0.00	33.93 0.97 0.00	34.43 0.73 0.00	33.08 0.51 0.00	26.16 0.33 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.27 0.58 0.00	37.04 0.61 0.00	38.54 0.83 0.00	38.44 0.97 0.00	38.44 0.97 0.00	33.57 0.82 0.00	30.83 0.84 0.00
V_D_10_SYNC_DSASP 323841	31.01 0.54 0.00	28.49 0.55 0.00	25.47 0.48 0.00	24.39 0.49 0.00	26.58 0.70 0.00	30.94 0.82 0.00	35.96 1.06 0.00	34.14 1.07 0.00	36.77 1.13 0.00	38.09 0.99 0.00	36.13 1.15 0.00	33.98 1.02 0.00	34.40 0.69 0.00	33.00 0.44 0.00	26.10 0.27 0.00	25.76 0.29 0.00	25.50 0.25 0.00	32.08 0.38 0.00	36.90 0.47 0.00	38.43 0.72 0.00	38.35 0.88 0.00	38.49 1.02 0.00	33.68 0.93 0.00	30.93 0.94 0.00
V_E_10_SYNC_DSASP 323830	32.53 2.06 0.00	29.71 1.77 0.00	26.49 1.50 0.00	25.41 1.52 0.00	27.51 1.63 0.00	32.27 2.16 0.00	37.64 2.74 0.00	35.87 2.77 -0.03	38.34 2.71 0.00	40.06 2.95 0.00	37.60 2.62 0.00	35.44 2.47 -0.01	36.11 2.38 -0.02	33.64 1.05 -0.03	26.49 0.66 0.00	25.88 0.40 0.00	25.56 0.31 0.00	32.35 0.65 0.00	37.69 1.26 0.00	39.29 1.58 0.00	39.03 1.56 0.00	38.82 1.35 0.00	34.10 1.35 0.00	31.31 1.32 0.00

V_F_30_NSYNC___DSASP 323816	31.75 1.28 0.00	29.12 1.18 0.00	26.08 1.09 0.00	24.91 1.01 0.00	26.95 1.07 0.00	31.37 1.26 0.00	36.42 1.52 0.00	34.34 1.40 0.13	37.21 1.57 0.00	38.65 1.54 0.00	36.25 1.27 0.00	34.03 1.11 0.05	34.83 1.22 0.10	33.57 1.30 0.29	26.82 1.00 0.01	26.48 1.01 0.00	26.29 1.04 0.00	33.20 1.51 0.00	38.30 1.88 0.00	39.64 1.93 0.00	39.30 1.83 0.00	39.14 1.67 0.00	34.12 1.36 0.00	31.20 1.21 0.00
V_F_30_SYNC_DSASP 323786	30.78 0.31 0.00	28.25 0.31 0.00	25.32 0.33 0.00	24.20 0.30 0.00	26.17 0.28 0.00	30.46 0.35 0.00	35.16 0.27 0.00	33.09 0.14 0.11	35.96 0.32 0.00	37.43 0.33 0.00	35.24 0.25 0.00	33.18 0.26 0.04	33.99 0.37 0.09	32.82 0.51 0.25	26.30 0.48 0.01	25.92 0.45 0.00	25.70 0.45 0.00	32.27 0.59 0.00	37.11 0.69 0.00	38.28 0.57 0.00	37.96 0.49 0.00	37.84 0.37 0.00	33.01 0.26 0.00	30.16 0.17 0.00
V_XM_10_SYNC_DSASP 323789	31.02 0.55 0.00	28.50 0.56 0.00	25.49 0.50 0.00	24.41 0.52 0.00	26.55 0.67 0.00	30.89 0.78 0.00	35.97 1.07 0.00	34.18 1.11 0.00	36.86 1.22 0.00	38.19 1.09 0.00	36.13 1.15 0.00	33.93 0.97 0.00	34.43 0.73 0.00	33.08 0.51 0.00	26.16 0.33 0.00	25.82 0.35 0.00	25.60 0.35 0.00	32.27 0.58 0.00	37.04 0.61 0.00	38.54 0.83 0.00	38.44 0.97 0.00	38.44 0.97 0.00	33.57 0.82 0.00	30.83 0.84 0.00
W.BABYLN_69_KV_BK1 56697	32.03 1.56 0.00	29.26 1.32 0.00	26.04 1.05 0.00	24.79 0.90 0.00	26.78 0.90 0.00	31.31 1.19 0.00	36.20 1.30 0.00	34.67 1.44 -0.16	37.42 1.79 0.00	39.16 2.05 0.00	37.31 2.33 0.00	35.42 2.41 -0.06	36.74 2.91 -0.12	35.80 2.90 -0.34	28.10 2.26 -0.01	27.74 2.27 0.00	27.59 2.34 0.00	34.58 2.89 0.00	39.43 3.01 0.00	40.35 2.65 0.00	39.74 2.27 0.00	39.57 2.10 0.00	34.64 1.89 0.00	31.67 1.68 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.42 0.96 0.00	28.80 0.86 0.00	25.72 0.73 0.00	24.55 0.66 0.00	26.50 0.61 0.00	30.88 0.76 0.00	35.99 1.09 0.00	34.33 1.12 -0.14	36.98 1.34 0.00	38.61 1.51 0.00	36.43 1.45 0.00	34.50 1.49 -0.05	35.65 1.84 -0.10	34.81 1.95 -0.30	27.43 1.59 -0.01	27.04 1.57 0.00	26.92 1.67 0.00	33.83 2.14 0.00	38.71 2.28 0.00	39.64 1.94 0.00	39.19 1.73 0.00	38.99 1.52 0.00	34.05 1.30 0.00	31.08 1.09 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	31.52 1.05 0.00	28.87 0.93 0.00	25.77 0.78 0.00	24.61 0.71 0.00	26.53 0.65 0.00	30.92 0.80 0.00	35.94 1.04 0.00	34.33 1.10 -0.16	36.97 1.33 0.00	38.63 1.52 0.00	36.49 1.51 0.00	34.59 1.58 -0.06	35.77 1.94 -0.12	34.96 2.06 -0.34	27.54 1.70 -0.01	27.12 1.65 0.00	26.98 1.73 0.00	33.87 2.17 0.00	38.66 2.24 0.00	39.51 1.80 0.00	39.05 1.58 0.00	38.83 1.36 0.00	33.95 1.20 0.00	30.97 0.98 0.00
W50THST__13_KV_LOAD 356117	31.66 1.20 0.00	28.98 1.04 0.00	25.87 0.88 0.00	24.71 0.82 0.00	26.64 0.76 0.00	31.05 0.94 0.00	36.11 1.22 0.00	34.53 1.30 -0.16	37.20 1.56 0.00	38.87 1.77 0.00	36.74 1.76 0.00	34.84 1.82 -0.06	36.01 2.19 -0.12	35.21 2.31 -0.34	27.73 1.89 -0.01	27.31 1.84 0.00	27.17 1.92 0.00	34.10 2.41 0.00	38.90 2.48 0.00	39.71 2.00 0.00	39.23 1.76 0.00	39.00 1.52 0.00	34.09 1.33 0.00	31.10 1.11 0.00
WADING RIVER_IC_1 23522	31.29 0.82 0.00	28.60 0.66 0.00	25.43 0.44 0.00	24.18 0.29 0.00	26.14 0.25 0.00	30.63 0.51 0.00	35.51 0.61 0.00	34.02 0.79 -0.16	36.75 1.11 0.00	38.43 1.32 0.00	36.68 1.70 0.00	34.85 1.83 -0.06	36.16 2.33 -0.13	35.21 2.31 -0.34	27.72 1.88 -0.01	27.34 1.87 0.00	27.15 1.90 0.00	34.07 2.38 0.00	38.83 2.41 0.00	39.76 2.06 0.00	39.16 1.69 0.00	38.94 1.47 0.00	34.06 1.31 0.00	31.07 1.08 0.00
WADING RIVER_IC_2 23547	31.29 0.82 0.00	28.60 0.66 0.00	25.43 0.44 0.00	24.18 0.29 0.00	26.14 0.25 0.00	30.63 0.51 0.00	35.51 0.61 0.00	34.02 0.79 -0.16	36.75 1.11 0.00	38.43 1.32 0.00	36.68 1.70 0.00	34.85 1.83 -0.06	36.16 2.33 -0.13	35.21 2.31 -0.34	27.72 1.88 -0.01	27.34 1.87 0.00	27.15 1.90 0.00	34.07 2.38 0.00	38.83 2.41 0.00	39.76 2.06 0.00	39.16 1.69 0.00	38.94 1.47 0.00	34.06 1.31 0.00	31.07 1.08 0.00
WADING RIVER_IC_3 23601	31.29 0.82 0.00	28.60 0.66 0.00	25.43 0.44 0.00	24.18 0.29 0.00	26.14 0.25 0.00	30.63 0.51 0.00	35.51 0.61 0.00	34.02 0.79 -0.16	36.75 1.11 0.00	38.43 1.32 0.00	36.68 1.70 0.00	34.85 1.83 -0.06	36.16 2.33 -0.13	35.21 2.31 -0.34	27.72 1.88 -0.01	27.34 1.87 0.00	27.15 1.90 0.00	34.07 2.38 0.00	38.83 2.41 0.00	39.76 2.06 0.00	39.16 1.69 0.00	38.94 1.47 0.00	34.06 1.31 0.00	31.07 1.08 0.00
WALDENNY_12_KV_BK2 80841	29.71 -0.76 0.00	27.08 -0.86 0.00	24.18 -0.81 0.00	23.05 -0.85 0.00	24.91 -0.97 0.00	28.96 -1.15 0.00	33.37 -1.53 0.00	31.74 -1.33 0.00	33.96 -1.68 0.00	35.61 -1.50 0.00	33.56 -1.42 0.00	31.46 -1.50 0.00	31.93 -1.77 0.00	30.67 -1.89 0.00	24.41 -1.42 0.00	24.29 -1.18 0.00	23.79 -1.46 0.00	29.77 -1.92 0.00	33.95 -2.48 0.00	35.33 -2.38 0.00	35.26 -2.21 0.00	35.71 -1.76 0.00	31.52 -1.24 0.00	29.28 -0.71 0.00
WALDEN___HYDRO 24148	31.31 0.84 0.00	28.69 0.75 0.00	25.63 0.64 0.00	24.47 0.57 0.00	26.42 0.54 0.00	30.76 0.65 0.00	35.70 0.80 0.00	34.02 0.84 -0.11	36.63 0.99 0.00	38.22 1.11 0.00	36.01 1.03 0.00	34.10 1.10 -0.04	35.20 1.41 -0.09	34.24 1.44 -0.25	26.99 1.16 -0.01	26.60 1.13 0.00	26.50 1.25 0.00	33.32 1.63 0.00	38.21 1.79 0.00	39.23 1.52 0.00	38.82 1.35 0.00	38.65 1.18 0.00	33.74 0.99 0.00	30.81 0.82 0.00
WARRENSBURG____ 23737	32.19 1.72 0.00	29.48 1.54 0.00	26.42 1.43 0.00	25.24 1.34 0.00	27.30 1.42 0.00	31.79 1.68 0.00	36.93 2.03 0.00	34.93 1.99 0.12	37.87 2.23 0.00	39.29 2.18 0.00	36.68 1.70 0.00	34.40 1.49 0.05	35.17 1.57 0.10	33.90 1.61 0.27	27.02 1.20 0.01	26.69 1.22 0.00	26.54 1.29 0.00	33.72 2.04 0.00	38.87 2.45 0.00	40.34 2.63 0.00	39.99 2.52 0.00	39.78 2.31 0.00	34.64 1.89 0.00	31.64 1.65 0.00
WATERSIDE___6 8 9 23538	31.55 1.08 0.00	28.91 0.97 0.00	25.82 0.83 0.00	24.66 0.76 0.00	26.54 0.66 0.00	30.95 0.84 0.00	36.02 1.11 0.00	34.40 1.18 -0.16	36.99 1.35 0.00	38.66 1.55 0.00	36.52 1.54 0.00	34.61 1.59 -0.06	35.81 1.98 -0.12	34.99 2.09 -0.34	27.58 1.74 -0.01	27.15 1.68 0.00	27.03 1.78 0.00	33.88 2.19 0.00	38.62 2.20 0.00	39.51 1.81 0.00	39.09 1.62 0.00	38.83 1.36 0.00	34.00 1.25 0.00	31.01 1.02 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.77 0.30 0.00	28.22 0.28 0.00	25.22 0.23 0.00	24.13 0.23 0.00	26.10 0.22 0.00	30.41 0.30 0.00	35.24 0.34 0.00	33.38 0.31 0.00	35.93 0.29 0.00	37.31 0.20 0.00	34.96 -0.02 0.00	32.92 -0.04 0.00	33.78 0.07 0.00	32.70 0.14 0.00	25.88 0.05 0.00	25.49 0.02 0.00	25.24 -0.01 0.00	31.80 0.11 0.00	36.76 0.33 0.00	38.12 0.41 0.00	37.82 0.35 0.00	37.74 0.27 0.00	32.94 0.19 0.00	30.12 0.12 0.00

WDELAWARE___HYD 323627	30.79 0.32 0.00	28.20 0.26 0.00	25.19 0.20 0.00	24.03 0.14 0.00	25.96 0.08 0.00	30.25 0.13 0.00	35.13 0.23 0.00	33.47 0.31 -0.08	36.04 0.40 0.00	37.59 0.49 0.00	35.41 0.43 0.00	33.50 0.51 -0.03	34.43 0.66 -0.07	32.62 -0.13 -0.19	25.74 -0.10 -0.01	25.39 -0.09 0.00	25.31 0.06 0.00	31.90 0.21 0.00	36.67 0.25 0.00	37.71 0.00 0.00	37.40 -0.07 0.00	38.09 0.61 0.00	33.23 0.47 0.00	30.32 0.33 0.00
WEST BABYLON___IC 23714	32.03 1.56 0.00	29.26 1.32 0.00	26.04 1.05 0.00	24.79 0.90 0.00	26.78 0.90 0.00	31.31 1.19 0.00	36.20 1.30 0.00	34.67 1.44 -0.16	37.42 1.79 0.00	39.16 2.05 0.00	37.31 2.33 0.00	35.42 2.41 -0.06	36.74 2.91 -0.12	35.80 2.90 -0.34	28.10 2.26 -0.01	27.74 2.27 0.00	27.59 2.34 0.00	34.58 2.89 0.00	39.43 3.01 0.00	40.35 2.65 0.00	39.74 2.27 0.00	39.57 2.10 0.00	34.64 1.89 0.00	31.67 1.68 0.00
WEST CANADA___HYD 24049	30.47 0.00 0.00	27.94 0.00 0.00	25.02 0.02 0.00	23.91 0.02 0.00	25.88 0.00 0.00	30.12 0.01 0.00	34.90 0.00 0.00	33.07 -0.01 0.00	35.64 0.00 0.00	37.10 0.00 0.00	34.95 -0.04 0.00	32.93 -0.03 0.00	33.71 0.00 0.00	32.59 0.03 0.00	25.86 0.03 0.00	25.48 0.01 0.00	25.27 0.02 0.00	31.72 0.03 0.00	36.49 0.07 0.00	37.75 0.05 0.00	37.49 0.02 0.00	37.47 0.00 0.00	32.75 -0.01 0.00	29.96 -0.03 0.00
WESTERN_NY_WIND 24143	30.36 -0.11 0.00	27.66 -0.28 0.00	24.71 -0.28 0.00	23.53 -0.36 0.00	25.46 -0.42 0.00	29.62 -0.49 0.00	34.15 -0.75 0.00	32.36 -0.71 0.00	34.62 -1.02 0.00	36.15 -0.96 0.00	33.96 -1.02 0.00	31.99 -0.97 0.00	32.42 -1.29 0.00	31.15 -1.42 0.00	24.78 -1.05 0.00	24.60 -0.87 0.00	24.12 -1.13 0.00	30.17 -1.53 0.00	34.49 -1.94 0.00	36.15 -1.55 0.00	36.18 -1.29 0.00	36.57 -0.90 0.00	32.23 -0.52 0.00	29.90 -0.10 0.00
WESTOVER___LESR 323668	30.16 -0.31 0.00	27.62 -0.33 0.00	24.68 -0.31 0.00	23.61 -0.28 0.00	25.55 -0.33 0.00	29.72 -0.39 0.00	34.45 -0.45 0.00	32.81 -0.26 0.00	35.15 -0.48 0.00	36.76 -0.34 0.00	34.62 -0.36 0.00	32.47 -0.49 0.00	33.20 -0.51 0.00	32.12 -0.44 0.00	25.50 -0.33 0.00	25.20 -0.27 0.00	24.88 -0.37 0.00	31.32 -0.37 0.00	35.95 -0.48 0.00	37.29 -0.41 0.00	36.96 -0.51 0.00	36.99 -0.48 0.00	32.31 -0.44 0.00	29.63 -0.36 0.00
WETHRSFD_WT_PWR 323626	29.41 -1.06 0.00	26.87 -1.07 0.00	24.03 -0.96 0.00	22.96 -0.94 0.00	24.82 -1.06 0.00	28.86 -1.25 0.00	33.32 -1.58 0.00	31.74 -1.33 0.00	33.90 -1.74 0.00	35.17 -1.93 0.00	32.98 -2.01 0.00	30.83 -2.13 0.00	31.35 -2.35 0.00	30.20 -2.36 0.00	24.06 -1.77 0.00	23.97 -1.50 0.00	23.64 -1.61 0.00	29.60 -2.09 0.00	33.96 -2.46 0.00	35.47 -2.24 0.00	35.31 -2.16 0.00	35.67 -1.80 0.00	31.36 -1.39 0.00	29.01 -0.98 0.00
WHAVSTOR_138KV_BK127 55557	31.24 0.78 0.00	28.64 0.69 0.00	25.58 0.59 0.00	24.42 0.52 0.00	26.35 0.47 0.00	30.69 0.57 0.00	35.62 0.72 0.00	33.96 0.75 -0.14	36.55 0.91 0.00	38.18 1.07 0.00	36.03 1.05 0.00	34.11 1.10 -0.05	35.24 1.42 -0.11	34.41 1.54 -0.30	27.12 1.28 -0.01	26.71 1.24 0.00	26.60 1.35 0.00	33.40 1.71 0.00	38.21 1.79 0.00	39.14 1.43 0.00	38.72 1.25 0.00	38.53 1.06 0.00	33.67 0.92 0.00	30.75 0.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.24 0.78 0.00	28.64 0.69 0.00	25.58 0.59 0.00	24.42 0.52 0.00	26.35 0.47 0.00	30.69 0.57 0.00	35.62 0.72 0.00	33.96 0.75 -0.14	36.55 0.91 0.00	38.18 1.07 0.00	36.03 1.05 0.00	34.11 1.10 -0.05	35.24 1.42 -0.11	34.41 1.54 -0.30	27.12 1.28 -0.01	26.71 1.24 0.00	26.60 1.35 0.00	33.40 1.71 0.00	38.21 1.79 0.00	39.14 1.43 0.00	38.72 1.25 0.00	38.53 1.06 0.00	33.67 0.92 0.00	30.75 0.76 0.00
WHITEHAL_115KV_TB1 80871	32.67 2.20 0.00	29.90 1.95 0.00	26.91 1.92 0.00	25.73 1.84 0.00	27.83 1.94 0.00	32.27 2.15 0.00	37.52 2.62 0.00	35.57 2.63 0.13	38.69 3.05 0.00	40.11 3.00 0.00	37.65 2.67 0.00	35.35 2.44 0.05	36.14 2.54 0.10	34.86 2.58 0.28	27.68 1.86 0.01	27.33 1.86 0.00	27.28 2.02 0.00	34.55 2.85 0.00	39.61 3.18 0.00	41.05 3.34 0.00	40.67 3.20 0.00	40.34 2.86 0.00	35.14 2.39 0.00	32.17 2.18 0.00
WHITEPLN_13_KV_LOAD 356215	31.67 1.20 0.00	29.02 1.07 0.00	25.90 0.91 0.00	24.72 0.83 0.00	26.68 0.80 0.00	31.08 0.97 0.00	36.09 1.20 0.00	34.47 1.24 -0.15	37.14 1.51 0.00	38.83 1.73 0.00	36.68 1.69 0.00	34.73 1.72 -0.06	35.90 2.08 -0.12	35.08 2.18 -0.34	27.63 1.78 -0.01	27.22 1.75 0.00	27.09 1.84 0.00	34.03 2.34 0.00	38.89 2.47 0.00	39.81 2.10 0.00	39.35 1.88 0.00	39.13 1.67 0.00	34.17 1.42 0.00	31.18 1.19 0.00
WM_FLOYD_69_KV_BK2 356380	31.60 1.14 0.00	28.88 0.94 0.00	25.68 0.69 0.00	24.43 0.53 0.00	26.40 0.52 0.00	30.92 0.80 0.00	35.85 0.95 0.00	34.35 1.12 -0.16	37.08 1.44 0.00	38.76 1.65 0.00	36.98 2.00 0.00	35.12 2.11 -0.06	36.42 2.60 -0.12	35.48 2.58 -0.34	27.93 2.08 -0.01	27.54 2.07 0.00	27.34 2.09 0.00	34.33 2.64 0.00	39.14 2.71 0.00	40.07 2.37 0.00	39.46 2.00 0.00	39.26 1.79 0.00	34.34 1.58 0.00	31.35 1.36 0.00
WOODARD___115KV_TB2 355635	29.99 -0.48 0.00	27.47 -0.47 0.00	24.57 -0.42 0.00	23.48 -0.42 0.00	25.41 -0.47 0.00	29.56 -0.56 0.00	34.20 -0.70 0.00	32.43 -0.64 0.00	34.87 -0.77 0.00	36.35 -0.76 0.00	34.25 -0.73 0.00	32.25 -0.70 0.00	32.95 -0.75 0.00	31.84 -0.72 0.00	25.23 -0.60 0.00	24.89 -0.59 0.00	24.63 -0.63 0.00	30.93 -0.76 0.00	35.58 -0.85 0.00	36.90 -0.81 0.00	36.65 -0.82 0.00	36.68 -0.79 0.00	32.06 -0.70 0.00	29.36 -0.63 0.00
WOODMERE_69_KV_BK1 55827	31.93 1.46 0.00	29.20 1.26 0.00	26.01 1.02 0.00	24.80 0.90 0.00	26.79 0.91 0.00	31.27 1.16 0.00	36.24 1.34 0.00	34.66 1.43 -0.16	37.39 1.75 0.00	39.12 2.01 0.00	37.13 2.14 0.00	35.22 2.20 -0.06	36.47 2.64 -0.12	35.51 2.61 -0.34	28.02 2.18 -0.01	27.60 2.13 0.00	27.45 2.20 0.00	34.42 2.73 0.00	39.34 2.92 0.00	40.25 2.54 0.00	39.69 2.23 0.00	39.48 2.01 0.00	34.50 1.75 0.00	31.55 1.56 0.00
YORK___WARBASSE 23770	31.60 1.13 0.00	28.95 1.01 0.00	25.85 0.87 0.00	24.67 0.78 0.00	26.57 0.69 0.00	31.00 0.88 0.00	36.04 1.14 0.00	34.41 1.19 -0.16	36.95 1.31 0.00	38.63 1.52 0.00	36.50 1.51 0.00	34.56 1.55 -0.06	35.78 1.96 -0.12	34.98 2.08 -0.34	27.58 1.74 -0.01	27.17 1.70 0.00	27.05 1.80 0.00	33.91 2.22 0.00	38.60 2.18 0.00	39.50 1.80 0.00	39.08 1.61 0.00	38.79 1.32 0.00	34.04 1.29 0.00	31.06 1.07 0.00