

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/11/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	22.78	20.85	20.59	19.08	20.01	22.95	24.05	27.30	38.70	28.64	40.06	34.96	39.73	32.48	31.92	32.02	31.97	42.92	32.56	28.59	33.25	30.59	24.90	24.38
24138	0.75	0.73	0.73	0.66	0.73	0.85	1.19	1.61	2.30	1.68	2.23	1.96	2.37	2.06	2.20	2.32	2.69	3.74	2.81	2.40	2.43	1.89	1.44	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.72	20.80	20.54	19.05	19.96	22.91	23.99	27.21	38.56	28.57	39.99	34.88	39.64	32.40	31.82	31.92	31.87	42.79	32.47	28.52	33.16	30.52	24.84	24.33
24260	0.69	0.68	0.68	0.62	0.68	0.81	1.13	1.52	2.17	1.61	2.16	1.89	2.27	1.99	2.09	2.23	2.58	3.61	2.72	2.33	2.35	1.83	1.38	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.72	20.80	20.54	19.05	19.96	22.91	23.99	27.21	38.56	28.57	39.99	34.88	39.64	32.40	31.82	31.92	31.87	42.79	32.47	28.52	33.16	30.52	24.84	24.33
24261	0.69	0.68	0.68	0.62	0.68	0.81	1.13	1.52	2.17	1.61	2.16	1.89	2.27	1.99	2.09	2.23	2.58	3.61	2.72	2.33	2.35	1.83	1.38	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.74	20.77	20.56	19.11	20.04	23.20	24.23	27.66	40.21	28.92	40.44	35.02	39.39	31.81	30.85	30.96	30.80	41.32	31.45	27.64	31.99	29.62	24.11	23.58
24011	0.70	0.65	0.70	0.69	0.75	1.10	1.37	1.84	2.87	1.96	2.60	2.02	2.02	1.40	1.12	1.27	1.51	2.14	1.70	1.45	1.18	0.93	0.65	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.78	20.81	20.60	19.15	20.09	23.33	24.42	27.89	40.55	29.18	40.78	35.27	39.69	32.01	31.05	31.17	31.01	41.62	31.66	27.82	32.09	29.67	24.15	23.59
23798	0.74	0.68	0.74	0.73	0.80	1.23	1.56	2.07	3.21	2.21	2.95	2.28	2.32	1.60	1.32	1.48	1.73	2.45	1.91	1.64	1.27	0.98	0.69	0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.40	2.82	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.74	20.77	20.56	19.11	20.04	23.20	24.23	27.66	40.21	28.92	40.44	35.02												

ALBANY___2 23572	21.93 -0.10 0.00	20.11 -0.02 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.06 0.00	22.88 0.02 0.00	26.04 0.23 0.41	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.16 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.98 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
ALBANY___3 23573	21.93 -0.10 0.00	20.11 -0.02 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.06 0.00	22.88 0.02 0.00	26.04 0.23 0.41	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.16 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.98 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
ALBANY___4 23574	21.93 -0.10 0.00	20.11 -0.02 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.06 0.00	22.88 0.02 0.00	26.04 0.23 0.41	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.16 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.98 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
ALBANY___LFGE 323615	22.13 0.10 0.00	20.29 0.16 0.00	20.01 0.15 0.00	18.60 0.17 0.00	19.49 0.21 0.00	22.25 0.15 0.00	23.12 0.26 0.00	26.33 0.51 0.41	38.06 0.80 2.90	27.51 0.55 0.00	38.50 0.67 0.00	33.53 0.53 0.00	37.95 0.58 0.00	30.89 0.48 0.00	30.23 0.50 0.00	30.32 0.62 0.00	30.12 0.83 0.00	40.43 1.25 0.00	30.72 0.97 0.00	27.00 0.82 0.00	31.53 0.71 0.00	29.19 0.50 0.00	23.79 0.33 0.00	23.33 0.20 0.00
ALCOA_PA_115KV_PL-6C 55860	22.65 0.61 0.00	20.67 0.55 0.00	20.40 0.54 0.00	18.91 0.48 0.00	19.74 0.45 0.00	22.57 0.47 0.00	23.31 0.45 0.00	26.40 0.33 0.16	39.40 0.38 1.14	27.30 0.34 0.00	38.37 0.54 0.00	33.62 0.63 0.00	38.09 0.72 0.00	30.94 0.53 0.00	30.11 0.39 0.00	29.97 0.27 0.00	29.05 -0.24 0.00	38.64 -0.53 0.00	29.29 -0.46 0.00	25.84 -0.35 0.00	30.80 -0.02 0.00	29.05 0.36 0.00	23.86 0.40 0.00	23.59 0.46 0.00
ALCOA_RYNLDS___DRP 24188	22.65 0.61 0.00	20.67 0.55 0.00	20.40 0.54 0.00	18.91 0.48 0.00	19.74 0.45 0.00	22.57 0.47 0.00	23.31 0.45 0.00	26.40 0.33 0.16	39.40 0.38 1.14	27.30 0.34 0.00	38.37 0.54 0.00	33.62 0.63 0.00	38.09 0.72 0.00	30.94 0.53 0.00	30.11 0.39 0.00	29.97 0.27 0.00	29.05 -0.24 0.00	38.64 -0.53 0.00	29.29 -0.46 0.00	25.84 -0.35 0.00	30.80 -0.02 0.00	29.05 0.36 0.00	23.86 0.40 0.00	23.59 0.46 0.00
ALCOA___DSASP 323711	22.65 0.61 0.00	20.67 0.55 0.00	20.40 0.54 0.00	18.91 0.48 0.00	19.74 0.45 0.00	22.57 0.47 0.00	23.31 0.45 0.00	26.40 0.33 0.16	39.40 0.39 1.14	27.30 0.33 0.00	38.37 0.54 0.00	33.62 0.63 0.00	38.09 0.72 0.00	30.94 0.52 0.00	30.11 0.39 0.00	29.97 0.27 0.00	29.05 -0.24 0.00	38.64 -0.53 0.00	29.29 -0.46 0.00	25.84 -0.35 0.00	30.80 -0.02 0.00	29.05 0.36 0.00	23.86 0.40 0.00	23.59 0.46 0.00
ALLEGHENY___COGEN 23514	22.80 0.77 0.00	20.50 0.54 0.17	20.36 0.53 0.03	18.91 0.48 0.00	19.57 0.28 0.00	22.37 0.28 0.00	23.02 0.16 0.00	24.18 -0.05 2.00	26.28 -0.35 13.53	26.90 -0.06 0.00	37.61 -0.22 0.00	32.79 -0.20 0.00	37.09 -0.28 0.00	30.22 -0.19 0.00	29.56 -0.17 0.00	29.61 -0.09 0.00	29.74 0.45 0.00	40.20 1.03 0.00	30.42 0.67 0.00	26.53 0.34 0.00	31.15 0.33 0.00	28.89 0.20 0.00	23.65 0.19 0.00	23.55 0.42 0.00
ALTAMONT_115KV_TB 2 55880	22.26 0.22 0.00	20.36 0.23 0.00	20.09 0.23 0.00	18.66 0.23 0.00	19.55 0.26 0.00	22.38 0.28 0.00	23.23 0.37 0.00	26.39 0.57 0.41	38.16 0.91 2.91	27.58 0.62 0.00	38.59 0.76 0.00	33.61 0.61 0.00	38.05 0.67 0.00	30.96 0.55 0.00	30.31 0.58 0.00	30.38 0.69 0.00	30.17 0.88 0.00	40.47 1.30 0.00	30.76 1.01 0.00	27.05 0.86 0.00	31.60 0.78 0.00	29.27 0.58 0.00	23.87 0.41 0.00	23.45 0.32 0.00
ALTONA_WT_PWR 323606	23.21 1.18 0.00	21.19 1.07 0.00	20.88 1.02 0.00	19.35 0.93 0.00	20.24 0.96 0.00	23.10 1.01 0.00	23.85 0.99 0.00	27.14 1.05 0.14	40.49 1.30 0.97	27.99 1.03 0.00	39.23 1.40 0.00	34.17 1.17 0.00	38.57 1.20 0.00	31.24 0.83 0.00	30.34 0.61 0.00	29.92 0.23 0.00	28.80 -0.49 0.00	37.86 -1.32 0.00	28.75 -1.00 0.00	25.11 -1.08 0.00	29.93 -0.89 0.00	28.50 -0.20 0.00	23.45 -0.01 0.00	23.65 0.52 0.00
AMERICAN_REF_FUEL 24010	20.45 -1.59 0.00	18.19 -1.62 0.32	18.22 -1.57 0.06	16.96 -1.46 0.00	17.74 -1.55 0.00	20.42 -1.68 0.00	20.73 -2.13 0.00	21.02 -3.06 2.14	18.14 -4.61 17.41	24.12 -2.84 0.00	33.92 -3.91 0.00	29.52 -3.47 0.00	33.28 -4.09 0.00	27.17 -3.24 0.00	26.46 -3.27 0.00	26.46 -3.24 0.00	26.39 -2.90 0.00	35.39 -3.79 0.00	26.69 -3.07 0.00	23.37 -2.82 0.00	27.47 -3.34 0.00	25.96 -2.74 0.00	21.42 -2.03 0.00	21.39 -1.75 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.20 -0.83 0.00	18.83 -0.89 0.41	18.91 -0.87 0.08	17.49 -0.93 0.00	18.27 -1.01 0.00	21.03 -1.06 0.00	21.35 -1.51 0.00	21.96 -2.16 2.10	19.22 -3.03 17.91	25.33 -1.63 0.00	35.73 -2.09 0.00	31.13 -1.87 0.00	35.23 -2.14 0.00	28.77 -1.64 0.00	28.03 -1.70 0.00	27.78 -1.91 0.00	27.72 -1.57 0.00	37.48 -1.70 0.00	28.38 -1.37 0.00	24.96 -1.23 0.00	29.25 -1.57 0.00	27.62 -1.07 0.00	22.67 -0.79 0.00	22.25 -0.89 0.00
ARTHUR KILL_GT_1 23520	22.55 0.51 0.00	20.65 0.52 0.00	20.41 0.55 0.00	18.91 0.48 0.00	19.82 0.53 0.00	22.76 0.67 0.00	23.84 0.98 0.00	27.01 1.32 0.53	38.19 1.79 3.76	28.29 1.33 0.00	39.62 1.79 0.00	34.57 1.58 0.00	39.26 1.89 0.00	32.06 1.65 0.00	31.48 1.76 0.00	31.66 1.97 0.00	31.59 2.31 0.00	42.58 3.40 0.00	32.35 2.59 0.00	28.45 2.26 0.00	33.04 2.23 0.00	30.40 1.71 0.00	24.75 1.29 0.00	24.25 1.11 0.00
ARTHUR_KILL_2 23512	22.49 0.46 0.00	20.59 0.47 0.00	20.36 0.50 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.70 0.60 0.00	23.77 0.91 0.00	26.92 1.23 0.53	38.06 1.66 3.76	28.21 1.25 0.00	39.50 1.67 0.00	34.47 1.48 0.00	39.16 1.79 0.00	31.97 1.56 0.00	31.39 1.67 0.00	31.56 1.87 0.00	31.49 2.21 0.00	42.43 3.26 0.00	32.24 2.49 0.00	28.35 2.16 0.00	32.94 2.12 0.00	30.30 1.61 0.00	24.67 1.21 0.00	24.17 1.04 0.00
ARTHUR_KILL_3 23513	22.49 0.46 0.00	20.60 0.48 0.00	20.36 0.50 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.67 0.58 0.00	23.74 0.88 0.00	26.92 1.23 0.53	38.09 1.69 3.76	28.23 1.27 0.00	39.50 1.67 0.00	34.47 1.47 0.00	39.17 1.81 0.00	32.02 1.61 0.00	31.46 1.73 0.00	31.55 1.86 0.00	31.51 2.22 0.00	42.30 3.12 0.00	32.11 2.36 0.00	28.22 2.03 0.00	32.79 1.97 0.00	30.18 1.49 0.00	24.57 1.11 0.00	24.06 0.93 0.00



ASTORIA_GT4_4 24105	22.52 0.48 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.72 0.63 0.00	23.80 0.94 0.00	26.88 1.19 0.53	37.91 1.51 3.76	28.13 1.17 0.00	39.41 1.58 0.00	34.48 1.48 0.00	39.15 1.79 0.00	32.00 1.59 0.00	31.39 1.67 0.00	31.52 1.83 0.00	31.42 2.13 0.00	42.25 3.07 0.00	32.08 2.33 0.00	28.21 2.02 0.00	32.80 1.99 0.00	30.15 1.46 0.00	24.54 1.08 0.00	24.09 0.96 0.00
ASTORIA_GT_1 23523	22.56 0.52 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.96 0.53 0.00	19.86 0.58 0.00	22.75 0.66 0.00	23.84 0.98 0.00	26.93 1.24 0.54	37.99 1.60 3.77	28.18 1.23 0.01	39.48 1.66 0.01	34.54 1.55 0.00	39.25 1.88 0.00	32.06 1.65 0.00	31.45 1.73 0.00	31.59 1.89 0.00	31.48 2.19 0.01	42.33 3.16 0.01	32.15 2.40 0.00	28.27 2.08 0.00	32.87 2.05 0.00	30.21 1.52 0.00	24.59 1.13 0.00	24.13 1.00 0.00
ASTORIA_GT_10 24110	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.13 1.73 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.54 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
ASTORIA_GT_11 24225	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.13 1.73 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.54 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
ASTORIA_GT_12 24226	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.13 1.73 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.54 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
ASTORIA_GT_13 24227	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.13 1.73 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.54 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
ASTORIA_GT_5 24106	22.56 0.52 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.96 0.53 0.00	19.86 0.58 0.00	22.75 0.66 0.00	23.84 0.98 0.00	26.93 1.24 0.54	37.99 1.60 3.77	28.18 1.23 0.01	39.48 1.66 0.01	34.54 1.55 0.00	39.25 1.88 0.00	32.06 1.65 0.00	31.45 1.73 0.00	31.59 1.89 0.00	31.48 2.19 0.01	42.33 3.16 0.01	32.15 2.40 0.00	28.27 2.08 0.00	32.87 2.05 0.00	30.21 1.52 0.00	24.59 1.13 0.00	24.13 1.00 0.00
ASTORIA_GT_7 24107	22.56 0.52 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.96 0.53 0.00	19.86 0.58 0.00	22.75 0.66 0.00	23.84 0.98 0.00	26.93 1.24 0.54	37.99 1.60 3.77	28.18 1.23 0.01	39.48 1.66 0.01	34.54 1.55 0.00	39.25 1.88 0.00	32.06 1.65 0.00	31.45 1.73 0.00	31.59 1.89 0.00	31.48 2.19 0.01	42.33 3.16 0.01	32.15 2.40 0.00	28.27 2.08 0.00	32.87 2.05 0.00	30.21 1.52 0.00	24.59 1.13 0.00	24.13 1.00 0.00
ASTORIA_GT_8 24108	22.56 0.52 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.96 0.53 0.00	19.86 0.58 0.00	22.75 0.66 0.00	23.84 0.98 0.00	26.93 1.24 0.53	37.99 1.59 3.76	28.19 1.23 0.00	39.50 1.67 0.00	34.54 1.54 0.00	39.24 1.87 0.00	32.06 1.65 0.00	31.45 1.73 0.00	31.59 1.89 0.00	31.48 2.19 0.00	42.34 3.16 0.00	32.15 2.40 0.00	28.27 2.08 0.00	32.87 2.05 0.00	30.21 1.52 0.00	24.59 1.13 0.00	24.14 1.00 0.00
ASTORIA___2 24149	22.52 0.48 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.72 0.63 0.00	23.80 0.94 0.00	26.89 1.20 0.54	37.92 1.53 3.77	28.12 1.17 0.01	39.40 1.58 0.01	34.48 1.48 0.00	39.16 1.80 0.00	32.00 1.59 0.00	31.39 1.67 0.00	31.52 1.83 0.00	31.41 2.13 0.01	42.25 3.07 0.01	32.08 2.33 0.01	28.21 2.02 0.00	32.80 1.99 0.00	30.15 1.46 0.00	24.54 1.08 0.00	24.09 0.95 0.00
ASTORIA___3 23516	22.52 0.48 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.92 0.50 0.00	19.81 0.53 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.14 1.74 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.55 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
ASTORIA___4 23517	22.52 0.48 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.92 0.50 0.00	19.81 0.53 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.13 1.73 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.54 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
ASTORIA___5 23518	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.14 1.74 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.23 1.86 0.00	32.08 1.67 0.00	31.54 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
AST_ENERGY_2_CC3 323677	22.59 0.55 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.75 0.66 0.00	23.82 0.96 0.00	27.01 1.32 0.53	38.21 1.81 3.76	28.33 1.37 0.00	39.64 1.81 0.00	34.59 1.59 0.00	39.30 1.93 0.00	32.12 1.71 0.00	31.55 1.83 0.00	31.65 1.96 0.00	31.60 2.31 0.00	42.42 3.24 0.00	32.21 2.46 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.29 1.59 0.00	24.65 1.19 0.00	24.14 1.01 0.00
AST_ENERGY_2_CC4 323678	22.59 0.55 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.75 0.66 0.00	23.82 0.96 0.00	27.01 1.32 0.53	38.21 1.81 3.76	28.33 1.37 0.00	39.64 1.81 0.00	34.59 1.59 0.00	39.30 1.93 0.00	32.12 1.71 0.00	31.55 1.83 0.00	31.65 1.96 0.00	31.60 2.31 0.00	42.42 3.24 0.00	32.21 2.46 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.29 1.59 0.00	24.65 1.19 0.00	24.14 1.01 0.00

ATHENS_STG_1 23668	22.35 0.32 0.00	20.44 0.32 0.00	20.17 0.31 0.00	18.71 0.29 0.00	19.61 0.33 0.00	22.49 0.39 0.00	23.37 0.51 0.00	26.46 0.72 0.49	37.79 1.10 3.47	27.74 0.78 0.00	38.85 1.02 0.00	33.85 0.85 0.00	38.37 1.00 0.00	31.26 0.85 0.00	30.63 0.90 0.00	30.68 0.98 0.00	30.52 1.23 0.00	40.94 1.77 0.00	31.13 1.37 0.00	27.37 1.18 0.00	31.92 1.10 0.00	29.53 0.83 0.00	24.09 0.63 0.00	23.65 0.51 0.00
ATHENS_STG_2 23670	22.35 0.32 0.00	20.44 0.32 0.00	20.17 0.31 0.00	18.71 0.29 0.00	19.61 0.33 0.00	22.49 0.39 0.00	23.37 0.51 0.00	26.46 0.72 0.49	37.79 1.10 3.47	27.74 0.78 0.00	38.85 1.02 0.00	33.85 0.85 0.00	38.37 1.00 0.00	31.26 0.85 0.00	30.63 0.90 0.00	30.68 0.98 0.00	30.52 1.23 0.00	40.94 1.77 0.00	31.13 1.37 0.00	27.37 1.18 0.00	31.92 1.10 0.00	29.53 0.83 0.00	24.09 0.63 0.00	23.65 0.51 0.00
ATHENS_STG_3 23677	22.35 0.32 0.00	20.44 0.32 0.00	20.17 0.31 0.00	18.71 0.29 0.00	19.61 0.33 0.00	22.49 0.39 0.00	23.37 0.51 0.00	26.46 0.72 0.49	37.79 1.10 3.47	27.74 0.78 0.00	38.85 1.02 0.00	33.85 0.85 0.00	38.37 1.00 0.00	31.26 0.85 0.00	30.63 0.90 0.00	30.68 0.98 0.00	30.52 1.23 0.00	40.94 1.77 0.00	31.13 1.37 0.00	27.37 1.18 0.00	31.92 1.10 0.00	29.53 0.83 0.00	24.09 0.63 0.00	23.65 0.51 0.00
AUBURN___LFGE 323710	22.04 0.01 0.00	20.09 -0.03 0.00	19.79 -0.07 0.00	18.39 -0.04 0.00	19.25 -0.03 0.00	22.12 0.03 0.00	22.73 -0.13 0.00	23.84 -0.27 2.11	25.24 -0.21 14.71	27.23 0.27 0.00	38.27 0.44 0.00	33.27 0.27 0.00	37.75 0.38 0.00	30.66 0.25 0.00	30.01 0.29 0.00	29.98 0.29 0.00	29.93 0.64 0.00	40.20 1.03 0.00	30.52 0.77 0.00	26.71 0.52 0.00	31.27 0.45 0.00	29.03 0.34 0.00	23.72 0.26 0.00	23.45 0.32 0.00
BABYLON_RES_REC 323704	22.86 0.82 0.00	20.90 0.78 0.00	20.67 0.81 0.00	19.15 0.73 0.00	20.09 0.81 0.00	23.11 1.01 0.00	24.20 1.34 0.00	27.36 1.66 0.53	38.84 2.44 3.76	28.92 1.96 0.00	40.70 2.87 0.00	35.14 2.14 0.00	39.87 2.50 0.00	32.72 2.31 0.00	32.18 2.46 0.00	37.64 2.71 -5.24	36.98 3.08 -4.61	43.37 4.20 0.00	32.73 2.98 0.00	28.76 2.57 0.00	33.50 2.68 0.00	30.74 2.05 0.00	25.13 1.67 0.00	24.77 1.64 0.00
BABYLON__69_KV_BK2 356345	23.09 1.06 0.00	21.11 0.98 0.00	20.88 1.02 0.00	19.35 0.93 0.00	20.30 1.02 0.00	23.37 1.27 0.00	24.45 1.59 0.00	27.64 1.95 0.53	39.26 2.86 3.76	29.25 2.28 0.00	41.13 3.30 0.00	35.50 2.51 0.00	40.29 2.93 0.00	33.05 2.64 0.00	32.52 2.80 0.00	37.92 3.08 -5.14	37.28 3.47 -4.51	43.92 4.74 0.00	33.13 3.38 0.00	29.12 2.93 0.00	33.92 3.10 0.00	31.11 2.41 0.00	25.41 1.96 0.00	25.07 1.94 0.00
BALL_HILL_WT_PWR 323825	21.15 -0.88 0.00	18.78 -0.95 0.39	18.84 -0.94 0.08	17.49 -0.93 0.00	18.30 -0.98 0.00	21.06 -1.04 0.00	21.42 -1.44 0.00	22.06 -2.05 2.11	19.35 -3.00 17.81	25.33 -1.63 0.00	35.67 -2.16 0.00	31.11 -1.89 0.00	35.08 -2.29 0.00	28.61 -1.80 0.00	27.88 -1.84 0.00	27.70 -1.99 0.00	27.61 -1.68 0.00	37.19 -1.99 0.00	28.13 -1.62 0.00	24.67 -1.52 0.00	28.91 -1.91 0.00	27.24 -1.45 0.00	22.44 -1.02 0.00	22.20 -0.94 0.00
BARON_WINDS___WT_PWR 323822	21.76 -0.27 0.00	20.21 -0.27 -0.36	19.59 -0.34 -0.07	17.90 -0.52 0.00	18.76 -0.52 0.00	21.75 -0.35 0.00	22.10 -0.76 0.00	23.26 -1.13 1.84	27.33 -2.08 10.75	25.83 -1.13 0.00	36.19 -1.64 0.00	31.58 -1.42 0.00	35.75 -1.62 0.00	29.14 -1.27 0.00	28.70 -1.02 0.00	28.51 -1.19 0.00	28.44 -0.85 0.00	38.54 -0.63 0.00	29.18 -0.57 0.00	25.36 -0.83 0.00	29.84 -0.98 0.00	27.87 -0.82 0.00	22.94 -0.52 0.00	22.91 -0.22 0.00
BARRETT_IC_1 23704	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_10 23701	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_11 23702	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_12 23703	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_2 23705	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_3 23706	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_4 23707	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00

BARRETT_IC_5 23708	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_6 23709	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_7 23710	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.56 2.15 3.76	28.66 1.70 -0.01	40.30 2.47 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.08 -0.01	31.94 2.20 0.00	36.60 2.37 -4.55	36.25 2.72 -4.24	42.82 3.64 0.00	32.38 2.63 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_8 23711	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT_IC_9 23700	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT___1 23545	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BARRETT___2 23546	22.72 0.69 0.00	20.78 0.65 0.00	20.53 0.68 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	24.04 1.18 0.00	27.19 1.50 0.53	38.58 2.17 3.75	28.67 1.70 -0.01	40.29 2.46 -0.01	34.90 1.90 0.00	39.68 2.31 0.00	32.49 2.07 -0.01	31.93 2.20 -0.01	36.60 2.36 -4.55	36.24 2.71 -4.25	42.82 3.65 0.00	32.38 2.62 0.00	28.47 2.28 0.00	33.19 2.37 0.00	30.52 1.82 -0.01	24.93 1.47 -0.01	24.51 1.37 0.00
BATAVIA__115KV_TB1 55881	21.36 -0.67 0.00	19.35 -0.78 0.00	19.12 -0.74 0.00	17.73 -0.69 0.00	18.56 -0.72 0.00	21.41 -0.69 0.00	21.89 -0.97 0.00	22.54 -1.53 2.16	22.67 -2.30 15.18	25.71 -1.25 0.00	36.17 -1.66 0.00	31.52 -1.48 0.00	35.59 -1.78 0.00	29.04 -1.37 0.00	28.25 -1.48 0.00	28.24 -1.45 0.00	28.20 -1.08 0.00	37.89 -1.29 0.00	28.59 -1.16 0.00	25.02 -1.17 0.00	29.34 -1.48 0.00	27.94 -0.76 0.00	22.92 -0.54 0.00	22.69 -0.44 0.00
BAYONEEC___CTG1 323682	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG10 323750	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG2 323683	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG3 323684	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG4 323685	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG5 323686	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG6 323687	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00

BAYONEEC___CTG7 323688	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG8 323689	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BAYONEEC___CTG9 323749	22.59 0.55 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.55 0.00	22.76 0.66 0.00	23.83 0.97 0.00	27.02 1.33 0.53	38.25 1.85 3.76	28.35 1.39 0.00	39.67 1.84 0.00	34.62 1.62 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.33 2.14 0.00	32.93 2.12 0.00	30.31 1.62 0.00	24.67 1.21 0.00	24.17 1.03 0.00
BEACON___LESR 323632	22.26 0.23 0.00	20.38 0.25 0.00	20.09 0.23 0.00	18.65 0.23 0.00	19.58 0.29 0.00	22.38 0.29 0.00	23.32 0.46 0.00	26.57 0.76 0.42	38.36 1.13 2.92	27.77 0.81 0.00	38.85 1.02 0.00	33.82 0.83 0.00	38.35 0.97 0.00	31.19 0.77 0.00	30.55 0.82 0.00	30.62 0.93 0.00	30.43 1.14 0.00	40.96 1.79 0.00	31.12 1.37 0.00	27.35 1.17 0.00	31.90 1.08 0.00	29.51 0.81 0.00	24.02 0.56 0.00	23.57 0.43 0.00
BEAVER RIVER___HYD 24048	22.03 -0.01 0.00	20.15 0.03 0.00	19.99 0.13 0.00	18.54 0.12 0.00	19.34 0.06 0.00	22.10 0.00 0.00	23.00 0.14 0.00	25.40 0.11 0.93	33.63 0.02 6.54	27.00 0.04 0.00	37.63 -0.20 0.00	32.65 -0.35 0.00	36.60 -0.77 0.00	29.74 -0.68 0.00	28.94 -0.78 0.00	29.00 -0.69 0.00	28.93 -0.36 0.00	38.58 -0.60 0.00	29.05 -0.70 0.00	25.71 -0.48 0.00	30.39 -0.42 0.00	28.35 -0.34 0.00	22.95 -0.51 0.00	22.87 -0.26 0.00
BEEBEE_GT_13 23619	21.31 -0.72 0.00	19.35 -0.78 0.00	19.11 -0.75 0.00	17.72 -0.70 0.00	18.55 -0.73 0.00	21.32 -0.77 0.00	21.87 -0.99 0.00	22.63 -1.40 2.19	22.55 -2.22 15.39	25.74 -1.22 0.00	36.27 -1.57 0.00	31.65 -1.35 0.00	35.78 -1.58 0.00	29.16 -1.25 0.00	28.40 -1.33 0.00	28.38 -1.32 0.00	28.23 -1.06 0.00	37.89 -1.29 0.00	28.64 -1.11 0.00	25.10 -1.08 0.00	29.42 -1.40 0.00	27.31 -1.38 0.00	22.40 -1.06 0.00	22.22 -0.91 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.68 0.65 0.00	20.76 0.64 0.00	20.51 0.65 0.00	19.00 0.58 0.00	19.92 0.63 0.00	22.87 0.77 0.00	23.97 1.11 0.00	27.18 1.49 0.53	38.45 2.05 3.76	28.50 1.54 0.00	39.92 2.09 0.00	34.83 1.84 0.00	39.58 2.21 0.00	32.34 1.92 0.00	31.76 2.04 0.00	31.89 2.20 0.00	31.83 2.54 0.00	42.80 3.62 0.00	32.51 2.76 0.00	28.58 2.39 0.00	33.22 2.40 0.00	30.55 1.86 0.00	24.85 1.40 0.00	24.34 1.21 0.00
BETHLEHEM___GRP 23843	21.93 -0.10 0.00	20.11 -0.02 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.06 0.00	22.88 0.02 0.00	26.04 0.23 0.41	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.16 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.98 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
BETHLEHEM___GS1 323560	21.93 -0.10 0.00	20.11 -0.01 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.07 0.00	22.88 0.02 0.00	26.05 0.24 0.41	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.17 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.97 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
BETHLEHEM___GS2 323561	21.93 -0.10 0.00	20.11 -0.01 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.07 0.00	22.88 0.02 0.00	26.05 0.24 2.92	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.17 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.97 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
BETHLEHEM___GS3 323562	21.93 -0.10 0.00	20.11 -0.01 0.00	19.84 -0.02 0.00	18.44 0.02 0.00	19.33 0.05 0.00	22.03 -0.07 0.00	22.88 0.02 0.00	26.05 0.24 0.41	37.60 0.36 2.92	27.21 0.25 0.00	38.08 0.25 0.00	33.17 0.17 0.00	37.54 0.17 0.00	30.56 0.15 0.00	29.90 0.18 0.00	29.99 0.30 0.00	29.78 0.49 0.00	39.97 0.80 0.00	30.39 0.64 0.00	26.71 0.53 0.00	31.20 0.38 0.00	28.88 0.19 0.00	23.54 0.09 0.00	23.11 -0.03 0.00
BETHLEHEM___STEEL 23779	21.14 -0.89 0.00	19.14 -0.99 0.00	18.90 -0.96 0.00	17.50 -0.92 0.00	18.30 -0.98 0.00	21.06 -1.04 0.00	21.43 -1.43 0.00	21.93 -2.17 2.13	21.99 -3.24 14.93	25.14 -1.82 0.00	35.42 -2.41 0.00	30.87 -2.13 0.00	34.84 -2.53 0.00	28.45 -1.96 0.00	27.66 -2.07 0.00	27.57 -2.12 0.00	27.47 -1.82 0.00	36.90 -2.28 0.00	27.85 -1.91 0.00	24.42 -1.77 0.00	28.66 -2.16 0.00	27.04 -1.65 0.00	22.28 -1.17 0.00	22.15 -0.98 0.00
BETHLHEM_115KV_TB1 79974	22.00 -0.04 0.00	20.16 0.04 0.00	19.90 0.04 0.00	18.49 0.07 0.00	19.37 0.09 0.00	22.10 0.01 0.00	22.95 0.09 0.00	26.11 0.30 0.41	37.71 0.47 2.92	27.28 0.32 0.00	38.18 0.35 0.00	33.25 0.25 0.00	37.65 0.28 0.00	30.65 0.24 0.00	30.00 0.27 0.00	30.08 0.38 0.00	29.85 0.56 0.00	40.09 0.91 0.00	30.47 0.72 0.00	26.79 0.60 0.00	31.28 0.47 0.00	28.97 0.27 0.00	23.61 0.16 0.00	23.19 0.06 0.00
BETHPAGE_CC_5 323564	22.79 0.76 0.00	20.85 0.73 0.00	20.61 0.75 0.00	19.10 0.68 0.00	20.03 0.75 0.00	23.04 0.95 0.00	24.13 1.27 0.00	27.28 1.58 0.53	38.71 2.31 3.76	28.79 1.83 0.00	40.50 2.67 0.00	35.03 2.03 0.00	39.80 2.43 0.00	32.63 2.21 0.00	32.05 2.33 0.00	37.73 2.52 -5.51	37.06 2.89 -4.88	43.10 3.92 0.00	32.56 2.81 0.00	28.61 2.42 0.00	33.33 2.52 0.00	30.66 1.96 0.00	25.04 1.58 0.00	24.66 1.52 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.29 -0.74 0.00	19.27 -0.86 0.00	19.01 -0.85 0.00	17.61 -0.81 0.00	18.42 -0.86 0.00	21.20 -0.90 0.00	21.58 -1.28 0.00	22.15 -1.96 2.12	22.32 -2.94 14.90	25.32 -1.64 0.00	35.65 -2.18 0.00	31.09 -1.91 0.00	35.09 -2.28 0.00	28.65 -1.76 0.00	27.87 -1.86 0.00	27.79 -1.90 0.00	27.68 -1.61 0.00	37.19 -1.99 0.00	28.07 -1.68 0.00	24.61 -1.58 0.00	28.90 -1.92 0.00	27.25 -1.44 0.00	22.45 -1.00 0.00	22.31 -0.83 0.00

BINGHAMTON___COGEN 23790	21.94 -0.09 0.00	20.00 -0.13 0.00	19.72 -0.14 0.00	18.27 -0.15 0.00	19.15 -0.13 0.00	22.00 -0.09 0.00	22.75 -0.11 0.00	24.40 -0.19 1.64	28.17 -0.43 11.56	26.88 -0.09 0.00	37.76 -0.07 0.00	32.95 -0.04 0.00	37.35 -0.02 0.00	30.43 0.02 0.00	29.85 0.12 0.00	29.74 0.04 0.00	29.55 0.26 0.00	39.70 0.52 0.00	30.15 0.40 0.00	26.44 0.25 0.00	30.92 0.10 0.00	28.72 0.03 0.00	23.52 0.06 0.00	23.21 0.08 0.00
BIXINCNT_115KV_LOAD 355685	21.82 -0.22 0.00	19.70 -0.42 0.00	19.30 -0.56 0.00	17.91 -0.51 0.00	18.66 -0.62 0.00	21.42 -0.68 0.00	21.80 -1.06 0.00	22.43 -1.70 2.10	22.68 -2.74 14.74	25.26 -1.70 0.00	35.48 -2.35 0.00	31.13 -1.87 0.00	35.16 -2.21 0.00	28.81 -1.60 0.00	28.24 -1.49 0.00	28.11 -1.59 0.00	27.90 -1.39 0.00	37.42 -1.75 0.00	28.27 -1.48 0.00	25.03 -1.16 0.00	29.50 -1.32 0.00	27.88 -0.81 0.00	22.98 -0.47 0.00	22.86 -0.28 0.00
BLACK RIVER___HYD 24047	21.92 -0.12 0.00	20.05 -0.08 0.00	19.89 0.03 0.00	18.45 0.03 0.00	19.25 -0.03 0.00	22.04 -0.05 0.00	22.96 0.10 0.00	24.96 0.08 1.35	30.60 -0.10 9.46	26.92 -0.04 0.00	37.42 -0.41 0.00	32.41 -0.58 0.00	36.36 -1.01 0.00	29.54 -0.87 0.00	28.79 -0.93 0.00	28.83 -0.86 0.00	29.03 -0.26 0.00	38.63 -0.55 0.00	29.12 -0.63 0.00	25.70 -0.49 0.00	30.35 -0.46 0.00	28.19 -0.50 0.00	22.79 -0.67 0.00	22.77 -0.37 0.00
BLACKRVR_115KV_TB2 79977	21.92 -0.12 0.00	20.05 -0.08 0.00	19.89 0.03 0.00	18.45 0.03 0.00	19.25 -0.03 0.00	22.04 -0.05 0.00	22.96 0.10 0.00	24.96 0.08 1.35	30.61 -0.10 9.46	26.92 -0.04 0.00	37.42 -0.41 0.00	32.41 -0.58 0.00	36.36 -1.01 0.00	29.54 -0.87 0.00	28.79 -0.93 0.00	28.83 -0.86 0.00	29.03 -0.26 0.00	38.63 -0.55 0.00	29.12 -0.63 0.00	25.70 -0.49 0.00	30.35 -0.46 0.00	28.19 -0.50 0.00	22.79 -0.67 0.00	22.77 -0.37 0.00
BLISS_WT_PWR 323608	21.83 -0.21 0.00	19.28 -0.42 0.42	19.17 -0.61 0.08	17.89 -0.54 0.00	18.61 -0.67 0.00	21.34 -0.75 0.00	21.71 -1.15 0.00	22.29 -1.84 2.10	19.24 -2.98 17.95	25.04 -1.92 0.00	35.11 -2.72 0.00	30.84 -2.16 0.00	34.82 -2.55 0.00	28.56 -1.85 0.00	28.05 -1.67 0.00	27.92 -1.77 0.00	27.70 -1.58 0.00	37.14 -2.04 0.00	28.06 -1.69 0.00	24.92 -1.27 0.00	29.41 -1.41 0.00	27.84 -0.85 0.00	22.95 -0.51 0.00	22.84 -0.30 0.00
BLUESTONE___WT_PWR 323821	22.74 0.71 0.00	20.81 0.59 -0.10	20.44 0.56 -0.02	18.99 0.57 0.00	19.43 0.15 0.00	22.13 0.04 0.00	22.84 -0.03 0.00	24.79 0.07 1.50	30.20 0.00 9.96	27.24 0.28 0.00	38.08 0.25 0.00	33.41 0.41 0.00	38.82 1.45 0.00	30.63 0.21 0.00	30.32 0.59 0.00	29.96 0.27 0.00	29.78 0.49 0.00	40.44 1.26 0.00	31.09 1.35 0.00	27.33 1.14 0.00	31.95 1.14 0.00	29.80 1.11 0.00	24.08 0.62 0.00	23.83 0.70 0.00
BLUE_CIRC_CHEM_DRP 24182	22.32 0.29 0.00	20.44 0.31 0.00	20.16 0.30 0.00	18.73 0.31 0.00	19.62 0.34 0.00	22.44 0.35 0.00	23.28 0.42 0.00	26.42 0.62 0.42	38.15 0.97 2.98	27.63 0.67 0.00	38.65 0.82 0.00	33.65 0.65 0.00	38.08 0.71 0.00	30.97 0.56 0.00	30.29 0.56 0.00	30.37 0.68 0.00	30.14 0.86 0.00	40.45 1.28 0.00	30.75 1.00 0.00	27.04 0.85 0.00	31.60 0.79 0.00	29.29 0.60 0.00	23.89 0.44 0.00	23.48 0.34 0.00
BOC_GAS_DRP 24189	22.18 0.14 0.00	20.30 0.17 0.00	20.02 0.16 0.00	18.59 0.17 0.00	19.48 0.19 0.00	22.29 0.20 0.00	23.13 0.27 0.00	26.27 0.46 0.41	37.95 0.71 2.92	27.46 0.49 0.00	38.42 0.59 0.00	33.47 0.47 0.00	37.91 0.54 0.00	30.87 0.45 0.00	30.22 0.49 0.00	30.27 0.58 0.00	30.05 0.77 0.00	40.32 1.14 0.00	30.64 0.89 0.00	26.95 0.76 0.00	31.48 0.67 0.00	29.17 0.48 0.00	23.80 0.34 0.00	23.38 0.25 0.00
BOONVILLE_115KV_TB1 79983	22.36 0.33 0.00	20.45 0.32 0.00	20.23 0.38 0.00	18.77 0.35 0.00	19.62 0.34 0.00	22.49 0.40 0.00	23.39 0.52 0.00	26.12 0.63 0.74	36.00 1.01 5.17	27.61 0.65 0.00	38.59 0.77 0.00	33.56 0.56 0.00	37.74 0.37 0.00	30.74 0.33 0.00	30.01 0.28 0.00	30.06 0.37 0.00	29.93 0.65 0.00	40.10 0.92 0.00	30.30 0.54 0.00	26.73 0.54 0.00	31.41 0.59 0.00	29.17 0.48 0.00	23.67 0.21 0.00	23.42 0.28 0.00
BORALEX_4TH_BRANCH 23824	22.63 0.60 0.00	20.68 0.55 0.00	20.36 0.50 0.00	18.91 0.49 0.00	19.85 0.57 0.00	22.74 0.64 0.00	23.63 0.77 0.00	26.99 1.18 0.42	39.12 1.88 2.93	28.19 1.23 0.00	39.46 1.63 0.00	34.34 1.34 0.00	38.81 1.44 0.00	31.48 1.07 0.00	30.79 1.06 0.00	30.92 1.23 0.00	30.60 1.32 0.00	41.15 1.97 0.00	31.31 1.56 0.00	27.56 1.37 0.00	32.18 1.37 0.00	29.81 1.12 0.00	24.30 0.84 0.00	23.81 0.67 0.00
BOWLINE___1 23526	22.46 0.42 0.00	20.55 0.42 0.00	20.30 0.44 0.00	18.83 0.41 0.00	19.75 0.46 0.00	22.68 0.59 0.00	23.71 0.85 0.00	26.85 1.17 0.55	37.98 1.68 3.85	28.15 1.19 0.00	39.45 1.62 0.00	34.41 1.42 0.00	39.09 1.72 0.00	31.91 1.50 0.00	31.34 1.62 0.00	31.40 1.70 0.00	31.36 2.07 0.00	42.12 2.95 0.00	31.98 2.23 0.00	28.10 1.91 0.00	32.68 1.87 0.00	30.10 1.41 0.00	24.52 1.07 0.00	24.04 0.90 0.00
BOWLINE___2 23595	22.46 0.42 0.00	20.55 0.42 0.00	20.30 0.44 0.00	18.83 0.41 0.00	19.75 0.46 0.00	22.68 0.59 0.00	23.71 0.86 0.00	26.85 1.17 0.55	37.98 1.68 3.85	28.15 1.19 0.00	39.45 1.62 0.00	34.42 1.42 0.00	39.09 1.72 0.00	31.91 1.50 0.00	31.34 1.62 0.00	31.40 1.70 0.00	31.36 2.07 0.00	42.12 2.95 0.00	31.98 2.23 0.00	28.10 1.91 0.00	32.68 1.87 0.00	30.10 1.41 0.00	24.52 1.07 0.00	24.04 0.90 0.00
BRADY___115KV_TB2 356060	22.88 0.84 0.00	20.87 0.75 0.00	20.60 0.73 0.00	19.08 0.66 0.00	19.91 0.63 0.00	22.74 0.64 0.00	23.51 0.65 0.00	26.61 0.61 0.23	39.34 0.78 1.60	27.55 0.59 0.00	38.76 0.93 0.00	33.97 0.98 0.00	38.50 1.13 0.00	31.27 0.86 0.00	30.43 0.70 0.00	30.26 0.57 0.00	29.31 0.03 0.00	38.97 -0.20 0.00	29.53 -0.22 0.00	26.04 -0.15 0.00	31.10 0.28 0.00	29.37 0.68 0.00	24.12 0.67 0.00	23.84 0.71 0.00
BRANSCOMB___SOLAR 323811	22.62 0.59 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.98 0.55 0.00	19.90 0.61 0.00	22.92 0.82 0.00	23.87 1.01 0.00	27.21 1.39 0.40	39.52 2.18 2.83	28.43 1.48 0.00	39.76 1.93 0.00	34.52 1.52 0.00	38.94 1.57 0.00	31.56 1.15 0.00	30.74 1.01 0.00	30.85 1.16 0.00	30.68 1.40 0.00	41.18 2.00 0.00	31.31 1.56 0.00	27.53 1.34 0.00	32.02 1.20 0.00	29.64 0.95 0.00	24.15 0.69 0.00	23.67 0.53 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.02 0.98 0.00	21.05 0.92 0.00	20.81 0.95 0.00	19.29 0.87 0.00	20.24 0.96 0.00	23.29 1.19 0.00	24.36 1.50 0.00	27.51 1.82 0.53	39.05 2.65 3.76	29.11 2.15 0.00	40.97 3.14 0.00	35.38 2.39 0.00	40.17 2.81 0.00	32.93 2.52 0.00	32.38 2.65 0.00	37.53 2.95 -4.89	36.86 3.32 -4.25	43.64 4.46 0.00	32.89 3.14 0.00	28.94 2.75 0.00	33.72 2.91 0.00	30.89 2.20 0.00	25.29 1.83 0.00	24.98 1.84 0.00



BRISTLHL_115KV_TB1 79998	21.46 -0.58 0.00	19.58 -0.54 0.00	19.32 -0.54 0.00	17.92 -0.50 0.00	18.77 -0.51 0.00	21.53 -0.57 0.00	22.24 -0.62 0.00	23.20 -0.83 2.20	23.27 -1.45 15.43	26.07 -0.89 0.00	36.67 -1.16 0.00	31.98 -1.02 0.00	36.22 -1.15 0.00	29.53 -0.88 0.00	28.89 -0.83 0.00	28.88 -0.81 0.00	28.68 -0.61 0.00	38.44 -0.74 0.00	29.17 -0.58 0.00	25.64 -0.55 0.00	30.02 -0.80 0.00	27.89 -0.80 0.00	22.82 -0.63 0.00	22.57 -0.56 0.00
BROOKHAVEN___DRP 24191	23.05 1.01 0.00	21.07 0.94 0.00	20.83 0.97 0.00	19.30 0.89 0.00	20.26 0.98 0.00	23.31 1.21 0.00	24.12 1.26 0.00	27.19 1.50 0.53	38.64 2.24 3.76	29.02 2.06 0.00	40.56 2.73 0.00	34.99 1.99 0.00	39.78 2.41 0.00	32.65 2.23 0.00	32.03 2.30 0.00	37.17 2.66 -4.82	36.44 2.97 -4.18	43.17 3.99 0.00	32.55 2.80 0.00	28.64 2.45 0.00	33.35 2.53 0.00	30.54 1.85 0.00	25.03 1.57 0.00	25.03 1.89 0.00
BROOKLYN_NAVY_YARD 23515	22.58 0.55 0.00	20.67 0.54 0.00	20.41 0.55 0.00	18.91 0.49 0.00	19.83 0.54 0.00	22.75 0.66 0.00	23.83 0.97 0.00	27.02 1.32 0.53	38.22 1.82 3.76	28.34 1.38 0.00	39.65 1.82 0.00	34.60 1.60 0.00	39.31 1.94 0.00	32.13 1.72 0.00	31.57 1.84 0.00	31.67 1.97 0.00	31.63 2.34 0.00	42.46 3.28 0.00	32.25 2.50 0.00	28.33 2.14 0.00	32.93 2.11 0.00	30.30 1.61 0.00	24.66 1.21 0.00	24.16 1.02 0.00
BROOKLYN___ARMY_DRP 323595	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
BROOKVLE_69_KV_TB1 55790	22.79 0.76 0.00	20.86 0.73 0.00	20.60 0.74 0.00	19.10 0.67 0.00	20.03 0.74 0.00	23.02 0.93 0.00	24.12 1.26 0.00	27.31 1.62 0.53	38.76 2.36 3.76	28.76 1.80 0.00	40.40 2.57 0.00	35.04 2.04 0.00	39.84 2.47 0.00	32.61 2.19 0.00	32.02 2.29 0.00	39.64 2.47 -7.47	38.91 2.80 -6.83	43.02 3.85 0.00	32.56 2.81 0.00	28.61 2.42 0.00	33.32 2.50 0.00	30.68 1.98 0.00	25.02 1.57 0.00	24.56 1.43 0.00
BROOME_2_LFGE 323671	21.94 -0.09 0.00	20.14 -0.13 -0.13	19.75 -0.14 -0.03	18.27 -0.15 0.00	19.15 -0.13 0.00	22.01 -0.09 0.00	22.75 -0.11 0.00	24.39 -0.19 1.64	29.02 -0.43 10.71	26.88 -0.08 0.00	37.76 -0.07 0.00	32.95 -0.04 0.00	37.35 -0.02 0.00	30.43 0.02 0.00	29.85 0.12 0.00	29.74 0.04 0.00	29.55 0.26 0.00	39.70 0.52 0.00	30.16 0.41 0.00	26.44 0.25 0.00	30.92 0.10 0.00	28.72 0.03 0.00	23.52 0.06 0.00	23.21 0.08 0.00
BROOME___LFGE 323600	21.94 -0.09 0.00	20.14 -0.13 -0.13	19.75 -0.14 -0.03	18.27 -0.15 0.00	19.15 -0.13 0.00	22.01 -0.09 0.00	22.75 -0.11 0.00	24.39 -0.19 1.64	29.02 -0.43 10.71	26.88 -0.08 0.00	37.76 -0.07 0.00	32.95 -0.04 0.00	37.35 -0.02 0.00	30.43 0.02 0.00	29.85 0.12 0.00	29.74 0.04 0.00	29.55 0.26 0.00	39.70 0.52 0.00	30.16 0.41 0.00	26.44 0.25 0.00	30.92 0.10 0.00	28.72 0.03 0.00	23.52 0.06 0.00	23.21 0.08 0.00
BROWNFLS_115KV_TB 3_5 80003	22.15 0.11 0.00	20.24 0.12 0.00	20.03 0.17 0.00	18.58 0.15 0.00	19.34 0.06 0.00	22.04 -0.06 0.00	22.83 -0.03 0.00	25.44 -0.14 0.65	35.23 -0.34 4.58	26.77 -0.19 0.00	37.51 -0.32 0.00	32.70 -0.30 0.00	36.82 -0.55 0.00	29.91 -0.51 0.00	29.09 -0.64 0.00	29.04 -0.65 0.00	28.54 -0.75 0.00	37.99 -1.19 0.00	28.68 -1.07 0.00	25.35 -0.84 0.00	30.15 -0.66 0.00	28.38 -0.32 0.00	23.15 -0.31 0.00	23.01 -0.12 0.00
BROWNSV1_27_KV_LOAD 356125	22.80 0.76 0.00	20.87 0.74 0.00	20.60 0.74 0.00	19.08 0.66 0.00	20.01 0.72 0.00	22.96 0.86 0.00	24.06 1.21 0.00	27.31 1.62 0.53	38.69 2.29 3.76	28.67 1.71 0.00	40.13 2.30 0.00	34.99 2.00 0.00	39.77 2.41 0.00	32.51 2.10 0.00	31.93 2.20 0.00	32.05 2.35 0.00	32.00 2.71 0.00	42.98 3.80 0.00	32.62 2.87 0.00	28.66 2.47 0.00	33.32 2.50 0.00	30.67 1.97 0.00	24.95 1.49 0.00	24.43 1.30 0.00
BURROWS___LYONSDAL 23803	22.28 0.24 0.00	20.37 0.25 0.00	20.18 0.32 0.00	18.72 0.30 0.00	19.56 0.27 0.00	22.41 0.31 0.00	23.30 0.44 0.00	25.96 0.51 0.78	35.49 0.78 5.44	27.47 0.51 0.00	38.35 0.52 0.00	33.31 0.31 0.00	37.41 0.05 0.00	30.45 0.04 0.00	29.70 -0.03 0.00	29.76 0.07 0.00	29.67 0.38 0.00	39.72 0.54 0.00	29.96 0.21 0.00	26.49 0.29 0.00	31.15 0.33 0.00	28.95 0.26 0.00	23.46 0.00 0.00	23.26 0.13 0.00
CAITHNESS_CC_1 323624	22.99 0.95 0.00	21.02 0.89 0.00	20.78 0.92 0.00	19.26 0.84 0.00	20.21 0.93 0.00	23.25 1.16 0.00	24.12 1.26 0.00	27.19 1.50 0.53	38.64 2.24 3.76	28.96 2.00 0.00	40.55 2.71 0.00	34.99 1.99 0.00	39.77 2.40 0.00	32.63 2.21 0.00	32.02 2.30 0.00	37.15 2.63 -4.82	36.42 2.95 -4.18	43.14 3.96 0.00	32.53 2.78 0.00	28.62 2.43 0.00	33.34 2.52 0.00	30.54 1.84 0.00	25.02 1.56 0.00	24.94 1.81 0.00
CALPINE BETH_PAGE_GT4 24209	22.76 0.73 0.00	20.82 0.70 0.00	20.57 0.71 0.00	19.07 0.65 0.00	20.00 0.72 0.00	23.01 0.91 0.00	24.09 1.23 0.00	27.21 1.52 0.53	38.60 2.20 3.76	28.72 1.76 0.00	40.40 2.57 0.00	34.96 1.96 0.00	39.71 2.34 0.00	32.55 2.14 0.00	31.98 2.25 0.00	37.91 2.39 -5.82	37.25 2.76 -5.20	42.93 3.75 0.00	32.44 2.69 0.00	28.51 2.31 0.00	33.22 2.40 0.00	30.60 1.91 0.00	24.99 1.53 0.00	24.59 1.45 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.76 0.73 0.00	20.82 0.69 0.00	20.57 0.71 0.00	19.07 0.65 0.00	20.00 0.72 0.00	23.00 0.91 0.00	24.09 1.23 0.00	27.22 1.52 0.53	38.61 2.21 3.76	28.72 1.76 0.00	40.41 2.58 0.00	34.96 1.96 0.00	39.71 2.34 0.00	32.55 2.14 0.00	31.98 2.25 0.00	37.91 2.39 -5.82	37.25 2.76 -5.20	42.93 3.75 0.00	32.44 2.69 0.00	28.51 2.31 0.00	33.22 2.40 0.00	30.60 1.91 0.00	24.99 1.53 0.00	24.59 1.45 0.00
CALPINE_BP_GT1 23823	22.76 0.73 0.00	20.82 0.69 0.00	20.57 0.71 0.00	19.07 0.65 0.00	20.00 0.72 0.00	23.00 0.91 0.00	24.09 1.23 0.00	27.22 1.52 0.53	38.61 2.21 3.76	28.72 1.76 0.00	40.41 2.58 0.00	34.96 1.96 0.00	39.71 2.34 0.00	32.55 2.14 0.00	31.98 2.25 0.00	37.91 2.39 -5.82	37.25 2.76 -5.20	42.93 3.75 0.00	32.44 2.69 0.00	28.51 2.31 0.00	33.22 2.40 0.00	30.60 1.91 0.00	24.99 1.53 0.00	24.59 1.45 0.00
CALSPAN___DRP 24200	21.14 -0.89 0.00	19.14 -0.99 0.00	18.90 -0.96 0.00	17.50 -0.92 0.00	18.30 -0.98 0.00	21.06 -1.04 0.00	21.43 -1.43 0.00	21.93 -2.17 2.13	21.99 -3.24 14.93	25.14 -1.82 0.00	35.42 -2.41 0.00	30.87 -2.13 0.00	34.84 -2.53 0.00	28.45 -1.96 0.00	27.66 -2.07 0.00	27.57 -2.12 0.00	27.47 -1.82 0.00	36.90 -2.28 0.00	27.85 -1.91 0.00	24.42 -1.77 0.00	28.66 -2.16 0.00	27.04 -1.65 0.00	22.28 -1.17 0.00	22.15 -0.98 0.00

CALVERTON___SOLAR 323806	23.11 1.07 0.00	21.13 1.00 0.00	20.89 1.03 0.00	19.36 0.94 0.00	20.31 1.03 0.00	23.38 1.28 0.00	24.15 1.29 0.00	27.22 1.53 0.53	38.72 2.32 3.76	29.10 2.14 0.00	40.62 2.79 0.00	35.03 2.04 0.00	39.83 2.46 0.00	32.70 2.29 0.00	32.07 2.35 0.00	37.23 2.71 -4.82	36.50 3.02 -4.18	43.25 4.07 0.00	32.62 2.87 0.00	28.69 2.50 0.00	33.41 2.59 0.00	30.59 1.90 0.00	25.06 1.61 0.00	25.11 1.98 0.00
CANDIGU_WT_PWR 323617	21.76 -0.27 0.00	20.21 -0.27 -0.36	19.59 -0.34 -0.07	17.90 -0.52 0.00	18.76 -0.52 0.00	21.75 -0.35 0.00	22.10 -0.76 0.00	23.26 -1.13 1.84	27.33 -2.08 10.75	25.83 -1.13 0.00	36.19 -1.64 0.00	31.58 -1.42 0.00	35.75 -1.62 0.00	29.14 -1.27 0.00	28.70 -1.02 0.00	28.51 -1.19 0.00	28.44 -0.85 0.00	38.54 -0.63 0.00	29.18 -0.57 0.00	25.36 -0.83 0.00	29.84 -0.98 0.00	27.87 -0.82 0.00	22.94 -0.52 0.00	22.91 -0.22 0.00
CARR STREET_E_SYR 24060	21.63 -0.40 0.00	19.74 -0.39 0.00	19.47 -0.39 0.00	18.06 -0.36 0.00	18.91 -0.37 0.00	21.68 -0.41 0.00	22.36 -0.50 0.00	23.38 -0.78 2.07	24.27 -1.39 14.51	26.20 -0.76 0.00	36.87 -0.96 0.00	32.17 -0.83 0.00	36.40 -0.97 0.00	29.67 -0.74 0.00	29.03 -0.69 0.00	29.02 -0.67 0.00	28.82 -0.47 0.00	38.61 -0.57 0.00	29.31 -0.44 0.00	25.74 -0.45 0.00	30.14 -0.68 0.00	28.00 -0.69 0.00	23.00 -0.46 0.00	22.79 -0.34 0.00
CARTHAGE___PAPER 23857	22.16 0.13 0.00	20.28 0.15 0.00	20.11 0.25 0.00	18.66 0.23 0.00	19.46 0.18 0.00	22.26 0.17 0.00	23.19 0.33 0.00	25.38 0.34 1.19	32.17 0.34 8.33	27.21 0.25 0.00	37.88 0.05 0.00	32.83 -0.17 0.00	36.83 -0.54 0.00	29.91 -0.50 0.00	29.15 -0.58 0.00	29.19 -0.50 0.00	29.25 -0.04 0.00	38.91 -0.27 0.00	29.32 -0.43 0.00	25.91 -0.27 0.00	30.65 -0.17 0.00	28.54 -0.15 0.00	23.08 -0.38 0.00	23.02 -0.11 0.00
CASSADAGA_WT_PWR 323784	21.39 -0.64 0.00	18.97 -0.74 0.42	19.09 -0.68 0.08	17.64 -0.78 0.00	18.43 -0.85 0.00	21.22 -0.88 0.00	21.61 -1.26 0.00	22.23 -1.90 2.10	19.62 -2.61 17.93	25.74 -1.22 0.00	36.29 -1.54 0.00	31.68 -1.32 0.00	35.86 -1.51 0.00	29.29 -1.13 0.00	28.54 -1.19 0.00	28.28 -1.42 0.00	28.20 -1.09 0.00	38.12 -1.06 0.00	28.86 -0.89 0.00	25.35 -0.84 0.00	29.68 -1.14 0.00	27.97 -0.72 0.00	22.94 -0.52 0.00	22.54 -0.59 0.00
CE_DUNWOOD___DRP 24194	22.56 0.53 0.00	20.64 0.51 0.00	20.38 0.52 0.00	18.90 0.48 0.00	19.81 0.53 0.00	22.75 0.65 0.00	23.79 0.93 0.00	26.97 1.27 0.54	38.21 1.82 3.77	28.29 1.33 0.00	39.62 1.79 0.00	34.55 1.55 0.00	39.24 1.87 0.00	32.05 1.64 0.00	31.47 1.74 0.00	31.55 1.86 0.00	31.50 2.22 0.00	42.31 3.13 0.00	32.12 2.37 0.00	28.22 2.03 0.00	32.82 2.01 0.00	30.23 1.54 0.00	24.62 1.16 0.00	24.13 1.00 0.00
CE_MILLWOOD___DRP 24193	22.52 0.49 0.00	20.62 0.49 0.00	20.36 0.50 0.00	18.88 0.45 0.00	19.79 0.51 0.00	22.72 0.62 0.00	23.76 0.90 0.00	26.92 1.23 0.54	38.13 1.75 3.78	28.24 1.28 0.00	39.56 1.73 0.00	34.49 1.49 0.00	39.17 1.80 0.00	31.99 1.57 0.00	31.41 1.68 0.00	31.48 1.79 0.00	31.44 2.15 0.00	42.23 3.05 0.00	32.05 2.31 0.00	28.17 1.98 0.00	32.76 1.94 0.00	30.17 1.48 0.00	24.58 1.13 0.00	24.09 0.96 0.00
CE_NYC2_DRP 24202	22.56 0.52 0.00	20.67 0.54 0.00	20.41 0.55 0.00	18.93 0.50 0.00	19.83 0.55 0.00	22.73 0.64 0.00	23.82 0.96 0.00	26.99 1.30 0.53	38.18 1.78 3.76	28.30 1.34 0.00	39.61 1.78 0.00	34.57 1.57 0.00	39.28 1.92 0.00	32.11 1.70 0.00	31.58 1.85 0.00	31.67 1.98 0.00	31.61 2.33 0.00	42.46 3.28 0.00	32.23 2.48 0.00	28.32 2.13 0.00	32.93 2.12 0.00	30.30 1.60 0.00	24.66 1.21 0.00	24.16 1.03 0.00
CE_NYC_DRP 24195	22.63 0.60 0.00	20.72 0.59 0.00	20.46 0.60 0.00	18.96 0.53 0.00	19.86 0.57 0.00	22.78 0.69 0.00	23.86 1.00 0.00	27.07 1.38 0.53	38.31 1.91 3.76	28.40 1.44 0.00	39.75 1.92 0.00	34.68 1.68 0.00	39.40 2.03 0.00	32.21 1.80 0.00	31.63 1.91 0.00	31.72 2.03 0.00	31.68 2.39 0.00	42.54 3.36 0.00	32.29 2.54 0.00	28.36 2.17 0.00	32.98 2.16 0.00	30.34 1.65 0.00	24.70 1.24 0.00	24.20 1.06 0.00
CHAFFEE___LFGE 323603	21.18 -0.85 0.00	18.78 -0.96 0.39	18.84 -0.94 0.08	17.52 -0.90 0.00	18.34 -0.94 0.00	21.11 -0.98 0.00	21.51 -1.35 0.00	22.09 -2.03 2.11	19.29 -3.08 17.79	25.24 -1.72 0.00	35.54 -2.29 0.00	30.99 -2.01 0.00	34.96 -2.41 0.00	28.55 -1.86 0.00	27.77 -1.96 0.00	27.70 -2.00 0.00	27.61 -1.68 0.00	37.09 -2.09 0.00	28.00 -1.75 0.00	24.54 -1.65 0.00	28.79 -2.03 0.00	27.14 -1.55 0.00	22.34 -1.11 0.00	22.21 -0.93 0.00
CHATEAUG_35_KV_LOAD 355732	23.14 1.11 0.00	21.13 1.00 0.00	20.82 0.96 0.00	19.29 0.87 0.00	20.16 0.88 0.00	23.04 0.94 0.00	23.80 0.94 0.00	27.05 0.98 0.16	40.28 1.23 1.11	27.92 0.96 0.00	39.12 1.29 0.00	34.11 1.11 0.00	38.50 1.13 0.00	31.22 0.80 0.00	30.31 0.58 0.00	29.91 0.21 0.00	28.83 -0.46 0.00	38.03 -1.15 0.00	28.88 -0.87 0.00	25.25 -0.94 0.00	30.09 -0.73 0.00	28.64 -0.06 0.00	23.54 0.09 0.00	23.67 0.54 0.00
CHATEAUG_WT_PWR 323614	23.08 1.05 0.00	21.07 0.95 0.00	20.77 0.91 0.00	19.25 0.83 0.00	20.13 0.84 0.00	22.98 0.88 0.00	23.73 0.87 0.00	27.00 0.91 0.14	40.32 1.12 0.96	27.85 0.89 0.00	39.03 1.20 0.00	34.01 1.02 0.00	38.41 1.04 0.00	31.13 0.71 0.00	30.21 0.49 0.00	29.81 0.11 0.00	28.71 -0.57 0.00	37.79 -1.39 0.00	28.72 -1.03 0.00	25.10 -1.09 0.00	29.86 -0.96 0.00	28.42 -0.27 0.00	23.39 -0.07 0.00	23.58 0.44 0.00
CHAT_HIGH_FALL_HYD 323578	23.14 1.10 0.00	21.12 1.00 0.00	20.82 0.96 0.00	19.29 0.87 0.00	20.16 0.89 0.00	23.04 0.94 0.00	23.80 0.94 0.00	27.05 0.98 0.16	40.28 1.23 1.11	27.92 0.96 0.00	39.12 1.29 0.00	34.10 1.11 0.00	38.50 1.13 0.00	31.22 0.80 0.00	30.31 0.58 0.00	29.91 0.21 0.00	28.83 -0.46 0.00	38.03 -1.15 0.00	28.88 -0.87 0.00	25.25 -0.94 0.00	30.09 -0.73 0.00	28.64 -0.06 0.00	23.54 0.09 0.00	23.67 0.54 0.00
CHAUTAUQUA___LFGE 323629	21.24 -0.80 0.00	18.85 -0.88 0.40	18.91 -0.87 0.08	17.54 -0.88 0.00	18.35 -0.93 0.00	21.13 -0.97 0.00	21.50 -1.36 0.00	22.15 -1.97 2.11	19.47 -2.83 17.86	25.44 -1.52 0.00	35.82 -2.00 0.00	31.24 -1.76 0.00	35.28 -2.09 0.00	28.80 -1.61 0.00	28.07 -1.66 0.00	27.86 -1.83 0.00	27.81 -1.48 0.00	37.50 -1.68 0.00	28.38 -1.37 0.00	24.90 -1.29 0.00	29.16 -1.66 0.00	27.49 -1.21 0.00	22.59 -0.86 0.00	22.28 -0.85 0.00
CHERRYST_13_KV_LD 356241	22.69 0.65 0.00	20.77 0.64 0.00	20.51 0.65 0.00	19.00 0.58 0.00	19.91 0.63 0.00	22.84 0.75 0.00	23.93 1.07 0.00	27.15 1.46 0.53	38.44 2.04 3.76	28.49 1.53 0.00	39.89 2.06 0.00	34.80 1.80 0.00	39.53 2.16 0.00	32.31 1.90 0.00	31.73 2.01 0.00	31.83 2.13 0.00	31.78 2.49 0.00	42.67 3.50 0.00	32.38 2.64 0.00	28.44 2.25 0.00	33.07 2.25 0.00	30.43 1.74 0.00	24.77 1.31 0.00	24.26 1.13 0.00

CHESTROR_138KV_BK263 355645	22.41 0.38 0.00	20.50 0.38 0.00	20.25 0.39 0.00	18.78 0.36 0.00	19.69 0.41 0.00	22.61 0.51 0.00	23.60 0.74 0.00	26.68 1.02 0.57	37.64 1.45 3.98	28.02 1.06 0.00	39.24 1.42 0.00	34.24 1.24 0.00	38.86 1.50 0.00	31.73 1.32 0.00	31.14 1.41 0.00	31.19 1.50 0.00	31.13 1.84 0.00	41.80 2.63 0.00	31.74 1.99 0.00	27.89 1.71 0.00	32.47 1.65 0.00	29.94 1.25 0.00	24.41 0.95 0.00	23.94 0.81 0.00
CH_MIDHUDSON___DRP 24192	22.57 0.54 0.00	20.64 0.52 0.00	20.38 0.52 0.00	18.90 0.48 0.00	19.81 0.52 0.00	22.74 0.64 0.00	23.75 0.89 0.00	26.93 1.23 0.52	38.29 1.82 3.69	28.26 1.30 0.00	39.55 1.72 0.00	34.47 1.47 0.00	39.12 1.75 0.00	31.91 1.50 0.00	31.32 1.59 0.00	31.39 1.70 0.00	31.34 2.05 0.00	42.12 2.94 0.00	31.99 2.24 0.00	28.12 1.92 0.00	32.70 1.88 0.00	30.15 1.46 0.00	24.57 1.11 0.00	24.08 0.94 0.00
CH_MISC_IPPS 23765	22.69 0.65 0.00	20.75 0.62 0.00	20.49 0.63 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.88 0.78 0.00	23.91 1.05 0.00	27.10 1.41 0.53	38.51 2.09 3.75	28.43 1.47 0.00	39.80 1.97 0.00	34.70 1.70 0.00	39.39 2.02 0.00	32.16 1.75 0.00	31.56 1.83 0.00	31.64 1.94 0.00	31.60 2.31 0.00	42.46 3.29 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.96 2.14 0.00	30.38 1.69 0.00	24.75 1.29 0.00	24.24 1.11 0.00
CH_RES_BVR_FALLS 23983	22.20 0.16 0.00	20.27 0.14 0.00	20.02 0.16 0.00	18.56 0.14 0.00	19.40 0.12 0.00	22.20 0.11 0.00	22.93 0.07 0.00	26.05 -0.05 0.12	39.15 -0.16 0.86	26.77 -0.19 0.00	37.46 -0.37 0.00	32.70 -0.30 0.00	37.01 -0.36 0.00	30.03 -0.38 0.00	29.39 -0.34 0.00	29.32 -0.37 0.00	28.72 -0.57 0.00	38.24 -0.94 0.00	29.04 -0.71 0.00	25.65 -0.53 0.00	30.47 -0.35 0.00	28.60 -0.10 0.00	23.28 -0.17 0.00	23.07 -0.06 0.00
CH_RES_NIAGARA 23895	20.26 -1.77 0.00	18.09 -1.72 0.31	18.13 -1.67 0.06	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	18.06 -4.69 17.41	24.09 -2.88 0.00	33.89 -3.94 0.00	29.51 -3.49 0.00	33.26 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.20 -3.09 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
CH_RES_SYRACUSE 23985	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.63 -0.45 2.14	24.49 -0.64 15.03	26.82 -0.14 0.00	37.73 -0.10 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.04 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00
CLINTON_WT_PWR 323605	23.08 1.05 0.00	21.07 0.95 0.00	20.77 0.91 0.00	19.25 0.83 0.00	20.13 0.84 0.00	22.98 0.88 0.00	23.73 0.87 0.00	27.00 0.91 0.14	40.32 1.12 0.96	27.85 0.89 0.00	39.03 1.20 0.00	34.01 1.02 0.00	38.41 1.04 0.00	31.13 0.71 0.00	30.21 0.49 0.00	29.81 0.11 0.00	28.71 -0.57 0.00	37.79 -1.39 0.00	28.72 -1.03 0.00	25.10 -1.09 0.00	29.86 -0.96 0.00	28.42 -0.27 0.00	23.39 -0.07 0.00	23.58 0.44 0.00
CLINTON___LFGE 323618	23.39 1.36 0.00	21.35 1.22 0.00	21.02 1.16 0.00	19.48 1.06 0.00	20.39 1.11 0.00	23.27 1.17 0.00	24.06 1.20 0.00	27.48 1.40 0.14	40.99 1.83 1.00	28.34 1.38 0.00	39.65 1.82 0.00	34.53 1.54 0.00	38.97 1.61 0.00	31.56 1.15 0.00	30.68 0.95 0.00	30.30 0.61 0.00	29.21 -0.07 0.00	38.46 -0.72 0.00	29.25 -0.50 0.00	25.54 -0.65 0.00	30.36 -0.46 0.00	28.91 0.22 0.00	23.75 0.29 0.00	23.92 0.79 0.00
COBBLENY_34_KV_TB1 80064	21.18 -0.85 0.00	19.17 -0.96 0.00	18.92 -0.94 0.00	17.53 -0.90 0.00	18.34 -0.94 0.00	21.11 -0.98 0.00	21.51 -1.35 0.00	22.09 -2.03 2.11	22.26 -3.06 14.84	25.24 -1.72 0.00	35.54 -2.29 0.00	30.99 -2.00 0.00	34.97 -2.40 0.00	28.55 -1.86 0.00	27.77 -1.96 0.00	27.69 -2.00 0.00	27.61 -1.68 0.00	37.09 -2.09 0.00	28.00 -1.75 0.00	24.54 -1.65 0.00	28.79 -2.03 0.00	27.14 -1.55 0.00	22.34 -1.11 0.00	22.21 -0.92 0.00
COFFEEN___115KV_TB3 355620	22.00 -0.03 0.00	20.11 -0.01 0.00	19.95 0.09 0.00	18.51 0.09 0.00	19.31 0.03 0.00	22.13 0.04 0.00	23.07 0.20 0.00	25.08 0.22 1.37	30.63 0.13 9.66	27.08 0.12 0.00	37.66 -0.17 0.00	32.62 -0.37 0.00	36.60 -0.76 0.00	29.74 -0.67 0.00	29.02 -0.71 0.00	29.07 -0.63 0.00	29.28 -0.01 0.00	38.99 -0.19 0.00	29.41 -0.34 0.00	25.94 -0.25 0.00	30.61 -0.21 0.00	28.41 -0.28 0.00	22.96 -0.50 0.00	22.90 -0.23 0.00
COLDSPRG_115KV_BK1 355956	21.95 -0.09 0.00	19.88 -0.24 0.00	19.63 -0.23 0.00	18.12 -0.30 0.00	18.99 -0.30 0.00	21.84 -0.26 0.00	22.34 -0.52 0.00	23.27 -0.87 2.09	24.19 -1.29 14.68	26.53 -0.43 0.00	37.45 -0.37 0.00	32.75 -0.25 0.00	37.08 -0.29 0.00	30.26 -0.15 0.00	29.55 -0.18 0.00	29.29 -0.41 0.00	29.12 -0.17 0.00	39.28 0.10 0.00	29.71 -0.04 0.00	26.04 -0.15 0.00	30.42 -0.40 0.00	28.56 -0.13 0.00	23.49 0.03 0.00	23.15 0.02 0.00
COLONIE_LFGE___ 323577	22.38 0.34 0.00	20.46 0.34 0.00	20.18 0.32 0.00	18.74 0.32 0.00	19.65 0.37 0.00	22.54 0.44 0.00	23.42 0.56 0.00	26.70 0.88 0.40	38.70 1.39 2.85	27.89 0.92 0.00	39.01 1.18 0.00	33.95 0.95 0.00	38.39 1.02 0.00	31.19 0.78 0.00	30.48 0.75 0.00	30.57 0.88 0.00	30.36 1.07 0.00	40.76 1.58 0.00	30.99 1.24 0.00	27.27 1.07 0.00	31.79 0.97 0.00	29.44 0.75 0.00	24.00 0.55 0.00	23.55 0.42 0.00
COOPERNY_115KV_TB1 80082	22.30 0.27 0.00	20.39 0.27 0.00	20.13 0.27 0.00	18.67 0.25 0.00	19.57 0.28 0.00	22.47 0.38 0.00	23.39 0.53 0.00	26.31 0.72 0.64	36.67 1.00 4.49	27.73 0.77 0.00	38.87 1.04 0.00	33.90 0.90 0.00	38.47 1.11 0.00	31.40 0.98 0.00	30.80 1.07 0.00	30.81 1.12 0.00	30.68 1.39 0.00	41.17 1.99 0.00	31.27 1.52 0.00	27.48 1.29 0.00	32.05 1.24 0.00	29.61 0.92 0.00	24.17 0.72 0.00	23.74 0.60 0.00
COPENHAGEN_WT_PWR 323753	21.80 -0.24 0.00	19.96 -0.16 0.00	19.82 -0.04 0.00	18.39 -0.04 0.00	19.17 -0.11 0.00	21.94 -0.16 0.00	22.83 -0.03 0.00	24.71 -0.09 1.42	29.76 -0.39 10.01	26.72 -0.24 0.00	37.07 -0.76 0.00	32.07 -0.93 0.00	35.96 -1.41 0.00	29.19 -1.22 0.00	28.45 -1.28 0.00	28.46 -1.24 0.00	28.75 -0.54 0.00	38.20 -0.98 0.00	28.78 -0.97 0.00	25.38 -0.81 0.00	30.01 -0.80 0.00	27.86 -0.83 0.00	22.52 -0.94 0.00	22.57 -0.56 0.00
CORNELL_____ 23752	22.35 0.32 0.00	20.37 0.24 0.00	20.08 0.22 0.00	18.62 0.20 0.00	19.51 0.23 0.00	22.44 0.34 0.00	23.18 0.31 0.00	24.70 0.33 1.85	27.56 0.40 13.00	27.42 0.46 0.00	38.53 0.70 0.00	33.58 0.58 0.00	38.02 0.65 0.00	30.95 0.55 0.00	30.35 0.62 0.00	30.29 0.59 0.00	30.15 0.87 0.00	40.49 1.31 0.00	30.77 1.02 0.00	26.97 0.78 0.00	31.55 0.73 0.00	29.27 0.58 0.00	23.93 0.48 0.00	23.64 0.51 0.00

CORONA__69_KV_TB1 355595	22.82 0.78 0.00	20.87 0.75 0.00	20.63 0.77 0.00	19.12 0.69 0.00	20.05 0.77 0.00	23.06 0.96 0.00	24.15 1.28 0.00	27.33 1.64 0.53	38.76 2.36 3.76	28.80 1.84 0.00	40.47 2.64 0.00	35.06 2.06 0.00	39.87 2.49 0.00	32.65 2.23 0.00	32.08 2.35 0.00	40.25 2.52 -8.03	39.58 2.84 -7.45	43.05 3.87 0.00	32.56 2.81 0.00	28.63 2.45 0.00	33.35 2.54 0.00	30.66 1.96 0.00	25.07 1.62 0.00	24.62 1.49 0.00
CORTLAND__115KV_TB3 80093	22.12 0.08 0.00	20.18 0.05 0.00	19.90 0.04 0.00	18.45 0.03 0.00	19.33 0.05 0.00	22.20 0.10 0.00	22.97 0.11 0.00	24.50 0.08 1.81	27.47 0.01 12.70	27.12 0.16 0.00	38.10 0.27 0.00	33.23 0.23 0.00	37.60 0.23 0.00	30.65 0.24 0.00	30.03 0.31 0.00	29.98 0.29 0.00	29.81 0.53 0.00	40.00 0.82 0.00	30.38 0.63 0.00	26.65 0.46 0.00	31.17 0.36 0.00	28.93 0.23 0.00	23.66 0.20 0.00	23.35 0.22 0.00
COXSACKIE__GT 23611	23.15 1.12 0.00	21.18 1.05 0.00	20.89 1.03 0.00	19.43 1.00 0.00	20.39 1.10 0.00	23.36 1.26 0.00	24.32 1.46 0.00	27.75 1.97 0.45	40.22 3.19 3.14	29.07 2.11 0.00	40.53 2.70 0.00	35.26 2.26 0.00	39.74 2.37 0.00	32.03 1.61 0.00	31.35 1.63 0.00	31.57 1.88 0.00	31.76 2.48 0.00	42.87 3.69 0.00	32.57 2.82 0.00	28.60 2.42 0.00	33.35 2.53 0.00	30.84 2.15 0.00	25.02 1.56 0.00	24.51 1.38 0.00
CPV_VALLEY__CC1 323721	22.28 0.24 0.00	20.38 0.25 0.00	20.13 0.27 0.00	18.67 0.24 0.00	19.57 0.28 0.00	22.47 0.37 0.00	23.43 0.57 0.00	26.44 0.81 0.59	37.13 1.13 4.17	27.79 0.83 0.00	38.94 1.11 0.00	33.96 0.97 0.00	38.56 1.19 0.00	31.46 1.05 0.00	30.87 1.15 0.00	30.92 1.23 0.00	30.83 1.54 0.00	41.40 2.22 0.00	31.44 1.68 0.00	27.62 1.43 0.00	32.18 1.36 0.00	29.69 0.99 0.00	24.22 0.76 0.00	23.76 0.63 0.00
CPV_VALLEY__CC2 323722	22.28 0.24 0.00	20.38 0.25 0.00	20.13 0.27 0.00	18.67 0.24 0.00	19.57 0.28 0.00	22.47 0.37 0.00	23.43 0.57 0.00	26.44 0.81 0.59	37.13 1.13 4.17	27.79 0.83 0.00	38.94 1.11 0.00	33.96 0.97 0.00	38.56 1.19 0.00	31.46 1.05 0.00	30.87 1.15 0.00	30.92 1.23 0.00	30.83 1.54 0.00	41.40 2.22 0.00	31.44 1.68 0.00	27.62 1.43 0.00	32.18 1.36 0.00	29.69 0.99 0.00	24.22 0.76 0.00	23.76 0.63 0.00
CRESCENT__HYD 24018	22.38 0.34 0.00	20.46 0.34 0.00	20.18 0.32 0.00	18.74 0.32 0.00	19.65 0.37 0.00	22.54 0.44 0.00	23.42 0.56 0.00	26.70 0.88 0.40	38.70 1.39 2.85	27.89 0.92 0.00	39.01 1.18 0.00	33.95 0.95 0.00	38.39 1.02 0.00	31.19 0.78 0.00	30.48 0.75 0.00	30.57 0.88 0.00	30.36 1.07 0.00	40.76 1.58 0.00	30.99 1.24 0.00	27.27 1.07 0.00	31.79 0.97 0.00	29.44 0.75 0.00	24.00 0.55 0.00	23.55 0.42 0.00
CRICKET__VALLEY_CC1 323756	22.32 0.29 0.00	20.43 0.30 0.00	20.15 0.29 0.00	18.69 0.27 0.00	19.57 0.29 0.00	22.46 0.36 0.00	23.45 0.60 0.00	26.56 0.84 0.51	37.89 1.31 3.59	27.88 0.92 0.00	39.04 1.21 0.00	34.02 1.03 0.00	38.58 1.21 0.00	31.44 1.03 0.00	30.84 1.11 0.00	30.90 1.21 0.00	30.89 1.60 0.00	41.53 2.35 0.00	31.57 1.82 0.00	27.76 1.57 0.00	32.23 1.42 0.00	29.73 1.04 0.00	24.26 0.80 0.00	23.75 0.61 0.00
CRICKET__VALLEY_CC2 323757	22.32 0.29 0.00	20.43 0.30 0.00	20.15 0.29 0.00	18.69 0.27 0.00	19.57 0.29 0.00	22.46 0.36 0.00	23.45 0.60 0.00	26.56 0.84 0.51	37.89 1.31 3.59	27.88 0.92 0.00	39.04 1.21 0.00	34.02 1.03 0.00	38.58 1.21 0.00	31.44 1.03 0.00	30.84 1.11 0.00	30.90 1.21 0.00	30.89 1.60 0.00	41.53 2.35 0.00	31.57 1.82 0.00	27.76 1.57 0.00	32.23 1.42 0.00	29.73 1.04 0.00	24.26 0.80 0.00	23.75 0.61 0.00
CRICKET__VALLEY_CC3 323758	22.32 0.29 0.00	20.43 0.30 0.00	20.15 0.29 0.00	18.69 0.27 0.00	19.57 0.29 0.00	22.46 0.36 0.00	23.45 0.60 0.00	26.56 0.84 0.51	37.89 1.31 3.59	27.88 0.92 0.00	39.04 1.21 0.00	34.02 1.03 0.00	38.58 1.21 0.00	31.44 1.03 0.00	30.84 1.11 0.00	30.90 1.21 0.00	30.89 1.60 0.00	41.53 2.35 0.00	31.57 1.82 0.00	27.76 1.57 0.00	32.23 1.42 0.00	29.73 1.04 0.00	24.26 0.80 0.00	23.75 0.61 0.00
CRUCIBLE_METL_DRP 24180	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.64 -0.45 2.14	24.58 -0.63 14.94	26.82 -0.14 0.00	37.72 -0.11 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.05 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00
DAHOWA__HYDRO 323763	22.68 0.64 0.00	20.73 0.60 0.00	20.49 0.63 0.00	19.04 0.62 0.00	19.96 0.68 0.00	23.04 0.94 0.00	24.02 1.16 0.00	27.39 1.56 0.40	39.79 2.46 2.83	28.63 1.66 0.00	40.03 2.20 0.00	34.72 1.72 0.00	39.14 1.77 0.00	31.69 1.28 0.00	30.82 1.10 0.00	30.93 1.24 0.00	30.77 1.48 0.00	41.28 2.11 0.00	31.41 1.65 0.00	27.60 1.42 0.00	32.06 1.25 0.00	29.68 0.99 0.00	24.17 0.71 0.00	23.67 0.54 0.00
DANC__LFGE 323619	21.60 -0.43 0.00	19.76 -0.37 0.00	19.57 -0.29 0.00	18.15 -0.27 0.00	18.96 -0.33 0.00	21.72 -0.38 0.00	22.55 -0.31 0.00	24.07 -0.45 1.70	27.30 -0.91 11.95	26.40 -0.56 0.00	36.83 -1.00 0.00	31.97 -1.03 0.00	35.98 -1.39 0.00	29.25 -1.16 0.00	28.56 -1.17 0.00	28.57 -1.13 0.00	28.66 -0.63 0.00	38.21 -0.96 0.00	28.88 -0.87 0.00	25.44 -0.76 0.00	29.95 -0.86 0.00	27.81 -0.88 0.00	22.59 -0.87 0.00	22.51 -0.62 0.00
DANSKAMMER__1 23586	22.69 0.65 0.00	20.75 0.62 0.00	20.49 0.63 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.88 0.78 0.00	23.91 1.05 0.00	27.10 1.41 0.53	38.51 2.09 3.75	28.43 1.47 0.00	39.80 1.97 0.00	34.70 1.70 0.00	39.39 2.02 0.00	32.16 1.75 0.00	31.56 1.83 0.00	31.64 1.94 0.00	31.60 2.31 0.00	42.46 3.29 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.96 2.14 0.00	30.38 1.69 0.00	24.75 1.29 0.00	24.24 1.11 0.00
DANSKAMMER__2 23589	22.69 0.65 0.00	20.75 0.62 0.00	20.49 0.63 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.88 0.78 0.00	23.91 1.05 0.00	27.10 1.41 0.53	38.51 2.09 3.75	28.43 1.47 0.00	39.80 1.97 0.00	34.70 1.70 0.00	39.39 2.02 0.00	32.16 1.75 0.00	31.56 1.83 0.00	31.64 1.94 0.00	31.60 2.31 0.00	42.46 3.29 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.96 2.14 0.00	30.38 1.69 0.00	24.75 1.29 0.00	24.24 1.11 0.00
DANSKAMMER__3 23590	22.69 0.65 0.00	20.75 0.62 0.00	20.49 0.63 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.88 0.78 0.00	23.91 1.05 0.00	27.10 1.41 0.53	38.51 2.09 3.75	28.43 1.47 0.00	39.80 1.97 0.00	34.70 1.70 0.00	39.39 2.02 0.00	32.16 1.75 0.00	31.56 1.83 0.00	31.64 1.94 0.00	31.60 2.31 0.00	42.46 3.29 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.96 2.14 0.00	30.38 1.69 0.00	24.75 1.29 0.00	24.24 1.11 0.00

DANSKAMMER___4 23591	22.69 0.65 0.00	20.75 0.62 0.00	20.49 0.63 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.88 0.78 0.00	23.91 1.05 0.00	27.10 1.41 0.53	38.51 2.09 3.75	28.43 1.47 0.00	39.80 1.97 0.00	34.70 1.70 0.00	39.39 2.02 0.00	32.16 1.75 0.00	31.56 1.83 0.00	31.64 1.94 0.00	31.60 2.31 0.00	42.46 3.29 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.96 2.14 0.00	30.38 1.69 0.00	24.75 1.29 0.00	24.24 1.11 0.00
DANSKAMMER___DIESEL 23592	22.69 0.65 0.00	20.75 0.62 0.00	20.49 0.63 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.88 0.78 0.00	23.91 1.05 0.00	27.10 1.41 0.53	38.49 2.08 3.75	28.43 1.47 0.00	39.80 1.98 0.00	34.70 1.71 0.00	39.39 2.02 0.00	32.16 1.75 0.00	31.56 1.83 0.00	31.64 1.95 0.00	31.60 2.31 0.00	42.46 3.29 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.96 2.14 0.00	30.38 1.69 0.00	24.75 1.29 0.00	24.24 1.11 0.00
DARBY___SOLAR 323810	22.62 0.59 0.00	20.68 0.55 0.00	20.43 0.57 0.00	18.98 0.56 0.00	19.90 0.62 0.00	22.93 0.83 0.00	23.88 1.02 0.00	27.23 1.41 0.40	39.55 2.22 2.83	28.45 1.49 0.00	39.80 1.97 0.00	34.54 1.54 0.00	38.95 1.58 0.00	31.56 1.15 0.00	30.74 1.01 0.00	30.84 1.15 0.00	30.68 1.39 0.00	41.15 1.98 0.00	31.30 1.56 0.00	27.52 1.33 0.00	31.99 1.17 0.00	29.62 0.93 0.00	24.13 0.68 0.00	23.65 0.52 0.00
DASHVILLE___HYD 23610	22.47 0.43 0.00	20.54 0.42 0.00	20.27 0.41 0.00	18.79 0.37 0.00	19.69 0.41 0.00	22.63 0.53 0.00	23.60 0.74 0.00	26.74 1.02 0.51	38.06 1.50 3.60	28.04 1.08 0.00	39.26 1.43 0.00	34.21 1.22 0.00	38.87 1.50 0.00	31.75 1.34 0.00	31.14 1.42 0.00	31.20 1.51 0.00	31.12 1.83 0.00	41.79 2.61 0.00	31.74 1.99 0.00	27.89 1.70 0.00	32.46 1.65 0.00	29.96 1.26 0.00	24.43 0.97 0.00	23.95 0.82 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.39 1.36 0.00	21.38 1.26 0.00	21.14 1.27 0.00	19.59 1.17 0.00	20.58 1.29 0.00	23.69 1.59 0.00	24.45 1.59 0.00	27.58 1.89 0.53	39.30 2.90 3.76	29.53 2.57 0.00	41.20 3.37 0.00	35.51 2.51 0.00	40.40 3.03 0.00	33.16 2.75 0.00	32.54 2.81 0.00	37.71 3.19 -4.82	37.01 3.54 -4.18	43.98 4.80 0.00	33.15 3.40 0.00	29.14 2.95 0.00	33.93 3.11 0.00	31.06 2.37 0.00	25.41 1.96 0.00	25.50 2.36 0.00
DELAWARE___LFGE 323621	22.44 0.41 0.00	20.48 0.35 0.00	20.21 0.36 0.00	18.74 0.32 0.00	19.61 0.33 0.00	22.51 0.41 0.00	23.31 0.45 0.00	25.56 0.53 1.20	32.50 0.78 8.44	27.63 0.67 0.00	38.76 0.93 0.00	33.80 0.80 0.00	38.38 1.02 0.00	31.23 0.82 0.00	30.62 0.90 0.00	30.60 0.91 0.00	30.41 1.12 0.00	40.80 1.62 0.00	31.03 1.28 0.00	27.28 1.09 0.00	31.89 1.07 0.00	29.56 0.87 0.00	24.13 0.67 0.00	23.76 0.63 0.00
DERFIELD_115KV_TB7 355931	22.03 0.00 0.00	20.14 0.01 0.00	19.88 0.02 0.00	18.44 0.02 0.00	19.31 0.02 0.00	22.12 0.02 0.00	22.91 0.05 0.00	26.08 0.13 0.28	38.56 0.38 1.98	27.06 0.09 0.00	37.93 0.10 0.00	33.08 0.08 0.00	37.44 0.07 0.00	30.47 0.06 0.00	29.82 0.09 0.00	29.82 0.13 0.00	29.51 0.22 0.00	39.53 0.35 0.00	30.03 0.28 0.00	26.43 0.24 0.00	31.00 0.18 0.00	28.78 0.08 0.00	23.48 0.02 0.00	23.12 -0.01 0.00
DOGLEVILLE___HYD 23807	21.66 -0.37 0.00	19.84 -0.29 0.00	19.53 -0.33 0.00	18.14 -0.28 0.00	19.03 -0.25 0.00	21.76 -0.34 0.00	22.71 -0.15 0.00	26.22 0.27 0.28	38.84 0.66 1.98	27.22 0.26 0.00	38.01 0.18 0.00	32.94 -0.06 0.00	37.16 -0.21 0.00	30.10 -0.31 0.00	29.64 -0.08 0.00	29.73 0.03 0.00	29.69 0.41 0.00	40.01 0.83 0.00	30.55 0.79 0.00	26.89 0.70 0.00	31.31 0.49 0.00	28.77 0.07 0.00	23.44 -0.01 0.00	22.83 -0.30 0.00
DUNKIRK___115KV_TB_200 55889	21.21 -0.82 0.00	19.23 -0.90 0.00	18.97 -0.89 0.00	17.53 -0.90 0.00	18.34 -0.94 0.00	21.11 -0.98 0.00	21.49 -1.37 0.00	22.14 -1.97 2.11	22.50 -2.84 14.82	25.42 -1.54 0.00	35.80 -2.03 0.00	31.21 -1.79 0.00	35.24 -2.13 0.00	28.75 -1.66 0.00	28.04 -1.69 0.00	27.83 -1.86 0.00	27.78 -1.51 0.00	37.45 -1.73 0.00	28.32 -1.43 0.00	24.85 -1.34 0.00	29.11 -1.71 0.00	27.43 -1.27 0.00	22.56 -0.90 0.00	22.27 -0.87 0.00
DUNKIRK___1 23563	21.21 -0.82 0.00	19.23 -0.90 0.00	18.97 -0.89 0.00	17.53 -0.90 0.00	18.34 -0.94 0.00	21.11 -0.98 0.00	21.49 -1.37 0.00	22.14 -1.97 2.11	22.50 -2.84 14.82	25.42 -1.54 0.00	35.80 -2.03 0.00	31.21 -1.79 0.00	35.24 -2.13 0.00	28.75 -1.66 0.00	28.04 -1.69 0.00	27.83 -1.86 0.00	27.78 -1.51 0.00	37.45 -1.73 0.00	28.32 -1.43 0.00	24.85 -1.34 0.00	29.11 -1.71 0.00	27.43 -1.27 0.00	22.56 -0.90 0.00	22.27 -0.87 0.00
DUNKIRK___2 23564	21.21 -0.82 0.00	19.23 -0.90 0.00	18.97 -0.89 0.00	17.53 -0.90 0.00	18.34 -0.94 0.00	21.11 -0.98 0.00	21.49 -1.37 0.00	22.14 -1.97 2.11	22.50 -2.84 14.82	25.42 -1.54 0.00	35.80 -2.03 0.00	31.21 -1.79 0.00	35.24 -2.13 0.00	28.75 -1.66 0.00	28.04 -1.69 0.00	27.83 -1.86 0.00	27.78 -1.51 0.00	37.45 -1.73 0.00	28.32 -1.43 0.00	24.85 -1.34 0.00	29.11 -1.71 0.00	27.43 -1.27 0.00	22.56 -0.90 0.00	22.27 -0.87 0.00
DUNKIRK___3 23565	21.21 -0.82 0.00	19.23 -0.90 0.00	18.97 -0.89 0.00	17.53 -0.89 0.00	18.35 -0.93 0.00	21.12 -0.98 0.00	21.50 -1.36 0.00	22.18 -1.94 2.11	22.51 -2.84 14.81	25.43 -1.53 0.00	35.82 -2.01 0.00	31.25 -1.74 0.00	35.28 -2.09 0.00	28.79 -1.62 0.00	28.10 -1.63 0.00	27.87 -1.83 0.00	27.78 -1.51 0.00	37.43 -1.75 0.00	28.32 -1.43 0.00	24.83 -1.36 0.00	29.07 -1.75 0.00	27.37 -1.32 0.00	22.53 -0.92 0.00	22.27 -0.87 0.00
DUNKIRK___4 23566	21.21 -0.82 0.00	19.22 -0.90 0.00	18.97 -0.89 0.00	17.54 -0.89 0.00	18.35 -0.93 0.00	21.12 -0.98 0.00	21.49 -1.37 0.00	22.10 -2.01 2.12	22.35 -2.93 14.89	25.37 -1.59 0.00	35.73 -2.10 0.00	31.15 -1.85 0.00	35.18 -2.19 0.00	28.72 -1.70 0.00	27.98 -1.75 0.00	27.80 -1.89 0.00	27.73 -1.56 0.00	37.33 -1.85 0.00	28.23 -1.52 0.00	24.75 -1.43 0.00	29.02 -1.80 0.00	27.35 -1.35 0.00	22.50 -0.96 0.00	22.25 -0.88 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.59 0.56 0.00	20.68 0.55 0.00	20.42 0.56 0.00	18.93 0.51 0.00	19.85 0.56 0.00	22.78 0.68 0.00	23.83 0.97 0.00	27.01 1.32 0.53	38.27 1.87 3.76	28.34 1.38 0.00	39.69 1.86 0.00	34.59 1.59 0.00	39.29 1.93 0.00	32.10 1.69 0.00	31.53 1.80 0.00	31.62 1.93 0.00	31.57 2.28 0.00	42.39 3.21 0.00	32.18 2.43 0.00	28.27 2.08 0.00	32.89 2.07 0.00	30.29 1.59 0.00	24.67 1.21 0.00	24.18 1.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.53 0.50 0.00	20.61 0.48 0.00	20.35 0.49 0.00	18.88 0.45 0.00	19.79 0.50 0.00	22.73 0.64 0.00	23.74 0.88 0.00	26.88 1.20 0.54	38.05 1.74 3.84	28.20 1.24 0.00	39.50 1.67 0.00	34.44 1.45 0.00	39.11 1.74 0.00	31.93 1.51 0.00	31.34 1.62 0.00	31.40 1.71 0.00	31.35 2.06 0.00	42.12 2.94 0.00	31.98 2.23 0.00	28.11 1.92 0.00	32.71 1.89 0.00	30.15 1.45 0.00	24.57 1.11 0.00	24.09 0.95 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.59 0.56 0.00	20.68 0.55 0.00	20.42 0.56 0.00	18.96 0.53 0.00	19.86 0.58 0.00	22.77 0.68 0.00	23.86 1.00 0.00	26.95 1.26 0.53	38.09 1.69 3.76	28.26 1.29 0.00	39.57 1.75 0.00	34.57 1.57 0.00	39.27 1.91 0.00	32.09 1.68 0.00	31.50 1.77 0.00	31.60 1.91 0.00	31.53 2.24 0.00	42.39 3.22 0.00	32.17 2.42 0.00	28.28 2.09 0.00	32.88 2.06 0.00	30.24 1.54 0.00	24.62 1.16 0.00	24.14 1.00 0.00
E179THST_13_KV_LOAD 356214	22.68 0.64 0.00	20.75 0.63 0.00	20.49 0.63 0.00	19.02 0.60 0.00	19.94 0.66 0.00	22.86 0.76 0.00	23.95 1.09 0.00	27.06 1.37 0.53	38.28 1.87 3.76	28.38 1.42 0.00	39.76 1.93 0.00	34.74 1.74 0.00	39.46 2.09 0.00	32.24 1.83 0.00	31.64 1.92 0.00	31.75 2.06 0.00	31.68 2.39 0.00	42.61 3.43 0.00	32.34 2.59 0.00	28.42 2.23 0.00	33.04 2.23 0.00	30.38 1.69 0.00	24.73 1.28 0.00	24.24 1.10 0.00
EAST HAMPTON___GT 23717	23.59 1.55 0.00	21.55 1.42 0.00	21.30 1.44 0.00	19.75 1.33 0.00	20.74 1.46 0.00	23.89 1.79 0.00	24.69 1.83 0.00	27.87 2.18 0.53	39.78 3.38 3.76	29.85 2.90 0.00	41.66 3.83 0.00	35.89 2.90 0.00	40.83 3.46 0.00	33.51 3.10 0.00	32.89 3.16 0.00	38.08 3.56 -4.82	37.41 3.94 -4.18	44.52 5.34 0.00	33.56 3.81 0.00	29.50 3.31 0.00	34.33 3.51 0.00	31.42 2.73 0.00	25.69 2.24 0.00	25.75 2.62 0.00
EAST RIVER___6 23660	22.71 0.68 0.00	20.80 0.68 0.00	20.52 0.66 0.00	18.99 0.57 0.00	19.89 0.60 0.00	22.82 0.73 0.00	23.90 1.04 0.00	27.12 1.43 0.53	38.41 2.01 3.76	28.46 1.50 0.00	39.85 2.02 0.00	34.76 1.76 0.00	39.48 2.12 0.00	32.27 1.86 0.00	31.70 1.97 0.00	31.79 2.10 0.00	31.75 2.46 0.00	42.63 3.46 0.00	32.35 2.60 0.00	28.41 2.22 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.27 0.00	24.21 1.08 0.00
EAST RIVER___7 23524	22.71 0.68 0.00	20.80 0.68 0.00	20.52 0.66 0.00	18.99 0.57 0.00	19.89 0.60 0.00	22.82 0.73 0.00	23.90 1.04 0.00	27.12 1.43 0.53	38.41 2.01 3.76	28.46 1.50 0.00	39.85 2.02 0.00	34.76 1.76 0.00	39.48 2.12 0.00	32.27 1.86 0.00	31.70 1.97 0.00	31.79 2.10 0.00	31.75 2.46 0.00	42.63 3.46 0.00	32.35 2.60 0.00	28.41 2.22 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.27 0.00	24.21 1.08 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.56 0.53 0.00	20.64 0.51 0.00	20.38 0.52 0.00	18.90 0.48 0.00	19.81 0.53 0.00	22.75 0.65 0.00	23.79 0.93 0.00	26.97 1.27 0.54	38.21 1.82 3.77	28.29 1.33 0.00	39.62 1.79 0.00	34.55 1.55 0.00	39.24 1.87 0.00	32.05 1.64 0.00	31.47 1.74 0.00	31.55 1.86 0.00	31.50 2.22 0.00	42.31 3.13 0.00	32.12 2.37 0.00	28.22 2.03 0.00	32.82 2.01 0.00	30.23 1.54 0.00	24.62 1.16 0.00	24.13 1.00 0.00
EAST_HAMPTON___DIESEL 23722	23.59 1.55 0.00	21.55 1.42 0.00	21.30 1.44 0.00	19.75 1.33 0.00	20.74 1.46 0.00	23.89 1.79 0.00	24.69 1.83 0.00	27.87 2.18 0.53	39.78 3.38 3.76	29.85 2.90 0.00	41.66 3.83 0.00	35.89 2.90 0.00	40.83 3.47 0.00	33.51 3.10 0.00	32.89 3.16 0.00	38.08 3.56 -4.82	37.41 3.94 -4.18	44.52 5.34 0.00	33.56 3.81 0.00	29.50 3.31 0.00	34.33 3.51 0.00	31.42 2.73 0.00	25.69 2.24 0.00	25.75 2.62 0.00
EAST_PULASKI___ESR 323781	21.50 -0.53 0.00	19.63 -0.49 0.00	19.40 -0.46 0.00	18.00 -0.42 0.00	18.83 -0.45 0.00	21.58 -0.51 0.00	22.35 -0.51 0.00	23.55 -0.69 1.99	24.94 -1.24 13.99	26.20 -0.75 0.00	36.74 -1.09 0.00	31.99 -1.01 0.00	36.12 -1.24 0.00	29.42 -0.99 0.00	28.76 -0.97 0.00	28.76 -0.93 0.00	28.68 -0.61 0.00	38.37 -0.80 0.00	29.08 -0.67 0.00	25.57 -0.62 0.00	30.00 -0.81 0.00	27.87 -0.83 0.00	22.73 -0.72 0.00	22.54 -0.59 0.00
EAST_RIVER___1 323558	22.63 0.59 0.00	20.72 0.59 0.00	20.46 0.60 0.00	18.96 0.53 0.00	19.86 0.57 0.00	22.78 0.69 0.00	23.87 1.00 0.00	27.07 1.38 0.53	38.32 1.92 3.76	28.40 1.44 0.00	39.74 1.92 0.00	34.68 1.68 0.00	39.40 2.03 0.00	32.21 1.80 0.00	31.63 1.91 0.00	31.73 2.03 0.00	31.68 2.39 0.00	42.54 3.36 0.00	32.29 2.54 0.00	28.36 2.17 0.00	32.98 2.16 0.00	30.35 1.66 0.00	24.70 1.24 0.00	24.19 1.06 0.00
EAST_RIVER___2 323559	22.71 0.68 0.00	20.80 0.68 0.00	20.52 0.66 0.00	18.99 0.57 0.00	19.89 0.60 0.00	22.82 0.73 0.00	23.90 1.04 0.00	27.12 1.43 0.53	38.41 2.01 3.76	28.46 1.50 0.00	39.85 2.02 0.00	34.76 1.76 0.00	39.48 2.12 0.00	32.27 1.86 0.00	31.70 1.97 0.00	31.79 2.10 0.00	31.75 2.46 0.00	42.63 3.46 0.00	32.35 2.60 0.00	28.41 2.22 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.27 0.00	24.21 1.08 0.00
EAST___DELAWARE_HYD 23607	22.75 0.72 0.00	20.78 0.66 0.00	20.53 0.67 0.00	19.03 0.61 0.00	19.96 0.68 0.00	22.96 0.86 0.00	23.99 1.12 0.00	27.11 1.46 0.57	38.30 2.17 4.03	28.49 1.53 0.00	39.88 2.05 0.00	34.75 1.75 0.00	39.48 2.12 0.00	32.28 1.87 0.00	31.69 1.97 0.00	31.76 2.06 0.00	31.73 2.45 0.00	42.65 3.47 0.00	32.38 2.63 0.00	28.44 2.25 0.00	33.13 2.31 0.00	30.51 1.82 0.00	24.86 1.40 0.00	24.35 1.22 0.00
EIGHT_POINT___WT_PWR 323820	21.95 -0.08 0.00	20.36 -0.05 -0.28	19.76 -0.15 -0.06	18.01 -0.41 0.00	18.79 -0.49 0.00	21.87 -0.23 0.00	22.08 -0.78 0.00	23.16 -1.17 1.89	25.78 -2.42 11.96	25.47 -1.50 0.00	35.65 -2.18 0.00	30.98 -2.02 0.00	34.96 -2.41 0.00	28.40 -2.02 0.00	27.95 -1.78 0.00	27.89 -1.80 0.00	27.92 -1.37 0.00	37.84 -1.34 0.00	28.79 -0.96 0.00	24.90 -1.29 0.00	29.50 -1.32 0.00	27.59 -1.10 0.00	22.65 -0.81 0.00	22.88 -0.25 0.00
ELBRIDGE_115KV_TB2 80188	21.72 -0.31 0.00	19.81 -0.31 0.00	19.53 -0.33 0.00	18.13 -0.30 0.00	18.99 -0.29 0.00	21.79 -0.31 0.00	22.45 -0.41 0.00	23.49 -0.59 2.15	24.51 -0.70 14.95	26.91 -0.06 0.00	37.83 0.00 0.00	32.94 -0.06 0.00	37.31 -0.05 0.00	30.37 -0.04 0.00	29.72 -0.01 0.00	29.70 0.00 0.00	29.60 0.31 0.00	39.72 0.54 0.00	30.14 0.39 0.00	26.41 0.22 0.00	30.92 0.11 0.00	28.78 0.09 0.00	23.54 0.08 0.00	23.27 0.14 0.00
ELEC_TRO_TEK 24086	22.69 0.65 0.00	20.75 0.62 0.00	20.51 0.65 0.00	19.01 0.59 0.00	19.93 0.66 0.00	22.92 0.83 0.00	24.00 1.14 0.00	27.15 1.46 0.53	38.50 2.10 3.76	28.62 1.66 0.00	40.22 2.38 0.00	34.86 1.86 0.00	39.61 2.24 0.00	32.43 2.02 0.00	31.85 2.13 0.00	39.99 2.32 -7.98	39.33 2.69 -7.36	42.82 3.64 0.00	32.39 2.64 0.00	28.48 2.29 0.00	33.17 2.35 0.00	30.48 1.78 0.00	24.89 1.43 0.00	24.47 1.33 0.00
ELLENBURG_WT_PWR 323604	23.08 1.05 0.00	21.07 0.95 0.00	20.77 0.91 0.00	19.25 0.83 0.00	20.13 0.84 0.00	22.98 0.88 0.00	23.73 0.87 0.00	27.00 0.91 0.14	40.32 1.12 0.96	27.85 0.89 0.00	39.03 1.20 0.00	34.01 1.02 0.00	38.41 1.04 0.00	31.13 0.71 0.00	30.21 0.49 0.00	29.81 0.11 0.00	28.71 -0.57 0.00	37.79 -1.39 0.00	28.72 -1.03 0.00	25.10 -1.09 0.00	29.86 -0.96 0.00	28.42 -0.27 0.00	23.39 -0.07 0.00	23.58 0.44 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.97 -1.07 0.00	18.98 -1.15 0.00	18.75 -1.12 0.00	17.37 -1.06 0.00	18.17 -1.12 0.00	20.91 -1.19 0.00	21.26 -1.60 0.00	21.76 -2.33 2.13	21.66 -3.51 14.99	24.94 -2.02 0.00	35.12 -2.71 0.00	30.62 -2.38 0.00	34.54 -2.82 0.00	28.19 -2.22 0.00	27.39 -2.33 0.00	27.33 -2.36 0.00	27.23 -2.06 0.00	36.57 -2.61 0.00	27.59 -2.16 0.00	24.18 -2.01 0.00	28.39 -2.42 0.00	26.78 -1.91 0.00	22.06 -1.40 0.00	21.95 -1.19 0.00
EMPIRE_CC_1 323656	22.16 0.13 0.00	20.28 0.15 0.00	19.99 0.13 0.00	18.57 0.15 0.00	19.47 0.19 0.00	22.26 0.17 0.00	23.06 0.20 0.00	26.24 0.45 0.43	37.81 0.71 3.06	27.44 0.48 0.00	38.42 0.59 0.00	33.50 0.50 0.00	37.88 0.51 0.00	30.89 0.48 0.00	30.21 0.49 0.00	30.30 0.61 0.00	30.03 0.74 0.00	40.32 1.14 0.00	30.65 0.90 0.00	26.96 0.77 0.00	31.50 0.68 0.00	29.19 0.50 0.00	23.83 0.37 0.00	23.38 0.25 0.00
EMPIRE_CC_2 323658	22.16 0.13 0.00	20.28 0.15 0.00	19.99 0.13 0.00	18.57 0.15 0.00	19.47 0.19 0.00	22.26 0.17 0.00	23.06 0.20 0.00	26.24 0.45 0.43	37.81 0.71 3.06	27.44 0.48 0.00	38.42 0.59 0.00	33.50 0.50 0.00	37.88 0.51 0.00	30.89 0.48 0.00	30.21 0.49 0.00	30.30 0.61 0.00	30.03 0.74 0.00	40.32 1.14 0.00	30.65 0.90 0.00	26.96 0.77 0.00	31.50 0.68 0.00	29.19 0.50 0.00	23.83 0.37 0.00	23.38 0.25 0.00
ENORWICH_115KV_TB1 80156	23.52 1.48 0.00	21.41 1.29 0.00	21.11 1.25 0.00	19.59 1.17 0.00	20.38 1.10 0.00	23.37 1.27 0.00	24.18 1.32 0.00	26.27 1.66 1.61	31.14 2.29 11.32	28.70 1.74 0.00	40.09 2.26 0.00	34.99 2.00 0.00	39.95 2.58 0.00	32.12 1.71 0.00	31.73 2.00 0.00	31.58 1.88 0.00	31.58 2.29 0.00	42.57 3.39 0.00	32.60 2.85 0.00	28.57 2.38 0.00	33.38 2.57 0.00	30.85 2.16 0.00	25.11 1.66 0.00	24.72 1.59 0.00
ERIE_ST__34_KV_TB1-2 80199	21.59 -0.44 0.00	19.55 -0.58 0.00	19.29 -0.57 0.00	17.87 -0.55 0.00	18.70 -0.58 0.00	21.53 -0.57 0.00	21.98 -0.88 0.00	23.10 -1.02 2.11	23.41 -1.90 14.85	25.77 -1.19 0.00	36.33 -1.50 0.00	31.73 -1.27 0.00	35.83 -1.53 0.00	29.23 -1.18 0.00	28.47 -1.26 0.00	28.37 -1.33 0.00	28.24 -1.05 0.00	37.94 -1.23 0.00	28.63 -1.12 0.00	25.09 -1.09 0.00	29.41 -1.40 0.00	27.70 -0.99 0.00	22.82 -0.64 0.00	22.67 -0.46 0.00
ERIE_WT_PWR 323693	21.16 -0.87 0.00	18.79 -0.97 0.36	18.83 -0.96 0.07	17.51 -0.92 0.00	18.31 -0.97 0.00	21.07 -1.02 0.00	21.44 -1.42 0.00	21.96 -2.14 2.13	19.29 -3.24 17.63	25.17 -1.79 0.00	35.46 -2.36 0.00	30.89 -2.11 0.00	34.87 -2.50 0.00	28.47 -1.94 0.00	27.67 -2.06 0.00	27.59 -2.11 0.00	27.49 -1.80 0.00	36.92 -2.26 0.00	27.87 -1.88 0.00	24.43 -1.76 0.00	28.68 -2.14 0.00	27.08 -1.61 0.00	22.29 -1.16 0.00	22.17 -0.96 0.00
ESPRGFLD_115KV_TB1 80157	23.24 1.21 0.00	21.15 1.03 0.00	20.90 1.04 0.00	19.35 0.92 0.00	20.18 0.90 0.00	23.18 1.09 0.00	23.94 1.08 0.00	26.54 1.06 0.74	36.53 1.60 5.23	28.14 1.18 0.00	39.59 1.76 0.00	34.52 1.52 0.00	39.18 1.81 0.00	31.81 1.40 0.00	31.18 1.45 0.00	31.13 1.43 0.00	30.87 1.58 0.00	41.32 2.14 0.00	31.38 1.64 0.00	27.62 1.43 0.00	32.50 1.68 0.00	30.23 1.53 0.00	24.70 1.24 0.00	24.44 1.30 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.31 0.27 0.00	20.33 0.20 0.00	20.04 0.18 0.00	18.59 0.16 0.00	19.48 0.19 0.00	22.39 0.29 0.00	23.13 0.27 0.00	24.65 0.27 1.85	27.49 0.32 12.99	27.37 0.41 0.00	38.46 0.63 0.00	33.52 0.52 0.00	37.97 0.60 0.00	30.91 0.50 0.00	30.30 0.57 0.00	30.24 0.55 0.00	30.10 0.81 0.00	40.42 1.25 0.00	30.71 0.96 0.00	26.93 0.74 0.00	31.49 0.67 0.00	29.22 0.53 0.00	23.89 0.44 0.00	23.60 0.46 0.00
ETNA____115KV_TB2 80207	22.31 0.27 0.00	20.33 0.20 0.00	20.04 0.18 0.00	18.59 0.16 0.00	19.48 0.19 0.00	22.39 0.29 0.00	23.13 0.27 0.00	24.65 0.27 1.85	27.49 0.32 12.99	27.37 0.41 0.00	38.46 0.63 0.00	33.52 0.52 0.00	37.97 0.60 0.00	30.91 0.50 0.00	30.30 0.57 0.00	30.24 0.55 0.00	30.10 0.81 0.00	40.42 1.25 0.00	30.71 0.96 0.00	26.93 0.74 0.00	31.49 0.67 0.00	29.22 0.53 0.00	23.89 0.44 0.00	23.60 0.46 0.00
EUCLID____115KV_TB2 356179	21.52 -0.52 0.00	19.64 -0.49 0.00	19.38 -0.48 0.00	17.97 -0.45 0.00	18.82 -0.46 0.00	21.58 -0.52 0.00	22.28 -0.58 0.00	23.28 -0.81 2.13	23.78 -1.44 14.95	26.16 -0.80 0.00	36.82 -1.01 0.00	32.11 -0.89 0.00	36.34 -1.03 0.00	29.62 -0.79 0.00	28.97 -0.75 0.00	28.96 -0.73 0.00	28.75 -0.53 0.00	38.52 -0.66 0.00	29.24 -0.51 0.00	25.69 -0.50 0.00	30.09 -0.73 0.00	27.96 -0.73 0.00	22.91 -0.55 0.00	22.66 -0.47 0.00
E_CANADA_CAP_HY 24051	23.45 1.41 0.00	21.37 1.21 -0.03	21.10 1.24 -0.01	19.53 1.10 0.00	20.33 1.05 0.00	23.35 1.26 0.00	24.14 1.28 0.00	26.95 1.31 0.58	38.13 2.08 4.11	28.37 1.41 0.00	39.92 2.09 0.00	34.77 1.77 0.00	39.32 1.95 0.00	31.89 1.48 0.00	31.24 1.52 0.00	31.25 1.56 0.00	30.97 1.68 0.00	41.36 2.18 0.00	31.35 1.60 0.00	27.63 1.44 0.00	32.57 1.75 0.00	30.35 1.66 0.00	24.81 1.35 0.00	24.55 1.42 0.00
E_CANADA_MHWK_HY 24050	21.66 -0.37 0.00	19.84 -0.29 0.00	19.53 -0.33 0.00	18.14 -0.28 0.00	19.03 -0.25 0.00	21.76 -0.34 0.00	22.71 -0.15 0.00	26.22 0.27 0.28	38.84 0.66 1.98	27.22 0.26 0.00	38.01 0.18 0.00	32.94 -0.06 0.00	37.16 -0.21 0.00	30.10 -0.31 0.00	29.64 -0.08 0.00	29.73 0.03 0.00	29.69 0.41 0.00	40.01 0.83 0.00	30.55 0.79 0.00	26.89 0.70 0.00	31.31 0.49 0.00	28.77 0.07 0.00	23.44 -0.01 0.00	22.83 -0.30 0.00
E_FISHKILL__LBMP 23776	22.46 0.43 0.00	20.56 0.43 0.00	20.29 0.43 0.00	18.82 0.40 0.00	19.72 0.44 0.00	22.63 0.54 0.00	23.64 0.78 0.00	26.78 1.08 0.53	38.03 1.57 3.70	28.10 1.14 0.00	39.35 1.52 0.00	34.31 1.31 0.00	38.94 1.57 0.00	31.78 1.36 0.00	31.19 1.46 0.00	31.26 1.56 0.00	31.20 1.91 0.00	41.91 2.73 0.00	31.83 2.07 0.00	27.97 1.78 0.00	32.54 1.72 0.00	30.00 1.31 0.00	24.45 1.00 0.00	23.96 0.83 0.00
FALCON__SEABRD_CC1 323796	23.36 1.32 0.00	21.33 1.20 0.00	21.00 1.14 0.00	19.47 1.05 0.00	20.35 1.07 0.00	23.19 1.10 0.00	23.95 1.09 0.00	27.26 1.17 0.14	40.64 1.46 0.98	28.12 1.16 0.00	39.42 1.59 0.00	34.33 1.34 0.00	38.74 1.37 0.00	31.37 0.96 0.00	30.49 0.76 0.00	30.09 0.40 0.00	28.98 -0.31 0.00	38.05 -1.13 0.00	28.96 -0.79 0.00	25.28 -0.91 0.00	30.06 -0.75 0.00	28.66 -0.03 0.00	23.56 0.10 0.00	23.82 0.68 0.00
FALCON__SEABRD_CC2 323797	23.36 1.32 0.00	21.33 1.20 0.00	21.00 1.14 0.00	19.47 1.05 0.00	20.35 1.07 0.00	23.19 1.10 0.00	23.95 1.09 0.00	27.26 1.17 0.14	40.64 1.46 0.98	28.12 1.16 0.00	39.42 1.59 0.00	34.33 1.34 0.00	38.74 1.37 0.00	31.37 0.96 0.00	30.49 0.76 0.00	30.09 0.40 0.00	28.98 -0.31 0.00	38.05 -1.13 0.00	28.96 -0.79 0.00	25.28 -0.91 0.00	30.06 -0.75 0.00	28.66 -0.03 0.00	23.56 0.10 0.00	23.82 0.68 0.00

FAR ROCKAWAY___4 23548	22.97 0.93 0.00	21.01 0.88 0.00	20.76 0.90 0.00	19.24 0.82 0.00	20.18 0.89 0.00	23.22 1.12 0.00	24.33 1.47 0.00	27.54 1.85 0.53	39.08 2.68 3.76	29.03 2.06 0.00	40.80 2.97 0.00	35.31 2.31 0.00	40.19 2.82 0.00	32.91 2.49 0.00	32.33 2.61 0.00	39.73 2.79 -7.26	38.95 2.93 -6.73	43.17 3.99 0.00	32.65 2.90 0.00	28.71 2.52 0.00	33.43 2.62 0.00	30.73 2.04 0.00	25.27 1.81 0.00	24.80 1.67 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.62 0.59 0.00	20.72 0.59 0.00	20.46 0.60 0.00	18.96 0.54 0.00	19.87 0.59 0.00	22.80 0.70 0.00	23.88 1.02 0.00	27.08 1.39 0.53	38.33 1.93 3.76	28.41 1.45 0.00	39.77 1.94 0.00	34.69 1.70 0.00	39.42 2.05 0.00	32.22 1.81 0.00	31.65 1.92 0.00	31.75 2.05 0.00	31.70 2.41 0.00	42.56 3.38 0.00	32.31 2.56 0.00	28.38 2.19 0.00	33.00 2.18 0.00	30.37 1.68 0.00	24.72 1.26 0.00	24.22 1.08 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.64 0.61 0.00	20.73 0.60 0.00	20.47 0.61 0.00	18.97 0.54 0.00	19.88 0.60 0.00	22.81 0.71 0.00	23.89 1.03 0.00	27.10 1.41 0.53	38.35 1.95 3.76	28.43 1.47 0.00	39.78 1.95 0.00	34.70 1.70 0.00	39.44 2.07 0.00	32.24 1.83 0.00	31.66 1.94 0.00	31.76 2.06 0.00	31.72 2.43 0.00	42.59 3.41 0.00	32.32 2.58 0.00	28.39 2.21 0.00	33.01 2.20 0.00	30.39 1.70 0.00	24.74 1.28 0.00	24.23 1.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.62 0.59 0.00	20.71 0.58 0.00	20.46 0.59 0.00	18.95 0.53 0.00	19.86 0.58 0.00	22.79 0.70 0.00	23.87 1.01 0.00	27.07 1.38 0.53	38.31 1.92 3.76	28.40 1.44 0.00	39.75 1.92 0.00	34.67 1.67 0.00	39.40 2.03 0.00	32.21 1.80 0.00	31.63 1.91 0.00	31.73 2.03 0.00	31.68 2.39 0.00	42.54 3.36 0.00	32.29 2.54 0.00	28.36 2.17 0.00	32.98 2.16 0.00	30.35 1.66 0.00	24.70 1.25 0.00	24.20 1.07 0.00
FARRAGUT___LBMP 323566	22.60 0.57 0.00	20.70 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.85 0.57 0.00	22.77 0.68 0.00	23.85 0.99 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.37 1.41 0.00	39.71 1.88 0.00	34.64 1.64 0.00	39.36 1.99 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.70 2.00 0.00	31.65 2.36 0.00	42.50 3.32 0.00	32.26 2.51 0.00	28.34 2.15 0.00	32.95 2.13 0.00	30.33 1.64 0.00	24.69 1.23 0.00	24.19 1.05 0.00
FENNER___WINDPWR 24204	22.33 0.30 0.00	20.42 0.27 -0.03	20.16 0.29 -0.01	18.70 0.27 0.00	19.56 0.28 0.00	22.45 0.36 0.00	23.28 0.42 0.00	25.21 0.48 1.49	30.39 0.68 10.45	27.44 0.48 0.00	38.49 0.66 0.00	33.51 0.52 0.00	37.85 0.49 0.00	30.87 0.46 0.00	30.21 0.48 0.00	30.18 0.49 0.00	30.02 0.74 0.00	40.22 1.04 0.00	30.55 0.80 0.00	26.83 0.64 0.00	31.41 0.60 0.00	29.13 0.44 0.00	23.79 0.33 0.00	23.44 0.31 0.00
FIBERTEK___ENERGY 23856	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.64 -0.45 2.14	24.58 -0.63 14.94	26.82 -0.14 0.00	37.72 -0.11 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.05 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00
FITZPATRICK___ 23598	21.31 -0.73 0.00	19.45 -0.68 0.00	19.19 -0.67 0.00	17.80 -0.62 0.00	18.63 -0.65 0.00	21.35 -0.75 0.00	22.01 -0.85 0.00	22.49 -1.10 2.64	19.77 -1.80 18.59	25.79 -1.17 0.00	36.26 -1.57 0.00	31.63 -1.37 0.00	35.80 -1.57 0.00	29.16 -1.25 0.00	28.51 -1.22 0.00	28.50 -1.20 0.00	28.24 -1.05 0.00	37.82 -1.36 0.00	28.71 -1.04 0.00	25.24 -0.95 0.00	29.59 -1.22 0.00	27.53 -1.16 0.00	22.55 -0.91 0.00	22.31 -0.82 0.00
FLOWRFLD_69_KV_BK1 356044	22.97 0.94 0.00	21.00 0.87 0.00	20.76 0.90 0.00	19.24 0.82 0.00	20.19 0.91 0.00	23.23 1.14 0.00	24.23 1.37 0.00	27.37 1.68 0.53	38.85 2.45 3.76	29.02 2.07 0.00	40.80 2.97 0.00	35.23 2.23 0.00	39.99 2.62 0.00	32.80 2.39 0.00	32.23 2.51 0.00	37.37 2.83 -4.84	36.69 3.19 -4.21	43.43 4.26 0.00	32.75 3.00 0.00	28.84 2.65 0.00	33.59 2.77 0.00	30.77 2.08 0.00	25.18 1.73 0.00	24.96 1.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.72 0.69 0.00	20.78 0.65 0.00	20.51 0.65 0.00	19.03 0.60 0.00	19.94 0.66 0.00	22.92 0.82 0.00	23.95 1.09 0.00	27.15 1.46 0.53	38.58 2.16 3.74	28.49 1.53 0.00	39.89 2.06 0.00	34.77 1.77 0.00	39.47 2.10 0.00	32.22 1.81 0.00	31.62 1.90 0.00	31.70 2.00 0.00	31.67 2.38 0.00	42.56 3.38 0.00	32.32 2.57 0.00	28.40 2.21 0.00	33.03 2.21 0.00	30.44 1.75 0.00	24.79 1.34 0.00	24.29 1.15 0.00
FORT ORANGE___ 23900	22.17 0.13 0.00	20.31 0.19 0.00	20.04 0.18 0.00	18.62 0.20 0.00	19.52 0.24 0.00	22.29 0.19 0.00	23.16 0.30 0.00	26.37 0.56 0.42	38.10 0.88 2.94	27.57 0.61 0.00	38.54 0.71 0.00	33.56 0.57 0.00	37.98 0.61 0.00	30.90 0.49 0.00	30.23 0.50 0.00	30.34 0.64 0.00	30.16 0.87 0.00	40.53 1.35 0.00	30.81 1.06 0.00	27.08 0.89 0.00	31.62 0.81 0.00	29.26 0.57 0.00	23.84 0.39 0.00	23.40 0.26 0.00
FORT_DRUM_COGEN 23780	21.92 -0.11 0.00	20.06 -0.07 0.00	19.90 0.04 0.00	18.46 0.04 0.00	19.26 -0.02 0.00	22.04 -0.05 0.00	22.96 0.10 0.00	24.99 0.08 1.32	30.83 -0.09 9.25	26.93 -0.03 0.00	37.44 -0.39 0.00	32.42 -0.57 0.00	36.37 -0.99 0.00	29.55 -0.86 0.00	28.81 -0.91 0.00	28.84 -0.85 0.00	29.02 -0.27 0.00	38.63 -0.55 0.00	29.12 -0.63 0.00	25.70 -0.49 0.00	30.36 -0.46 0.00	28.20 -0.49 0.00	22.80 -0.66 0.00	22.77 -0.36 0.00
FOX_HILLS___ESR 323835	22.57 0.53 0.00	20.67 0.54 0.00	20.42 0.56 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.76 0.67 0.00	23.85 0.99 0.00	27.03 1.33 0.53	38.20 1.80 3.76	28.32 1.36 0.00	39.66 1.84 0.00	34.61 1.62 0.00	39.32 1.95 0.00	32.12 1.71 0.00	31.54 1.82 0.00	31.69 2.00 0.00	31.63 2.34 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.23 0.00	30.39 1.70 0.00	24.74 1.28 0.00	24.23 1.10 0.00
FPL_FAR_ROCK_GT1 24212	22.97 0.93 0.00	21.01 0.88 0.00	20.76 0.90 0.00	19.24 0.82 0.00	20.18 0.89 0.00	23.22 1.12 0.00	24.33 1.47 0.00	27.54 1.85 0.53	39.10 2.70 3.76	29.03 2.06 0.00	40.80 2.96 0.00	35.31 2.31 0.00	40.18 2.82 0.00	32.91 2.49 0.00	32.33 2.60 0.00	39.73 2.79 -7.26	38.95 2.93 -6.73	43.17 3.99 0.00	32.65 2.90 0.00	28.71 2.52 0.00	33.43 2.62 0.00	30.73 2.04 0.00	25.27 1.81 0.00	24.80 1.66 0.00
FPL_FAR_ROCK_GT2 23815	22.97 0.93 0.00	21.01 0.88 0.00	20.76 0.90 0.00	19.24 0.82 0.00	20.18 0.89 0.00	23.22 1.12 0.00	24.33 1.47 0.00	27.54 1.85 0.53	39.10 2.70 3.76	29.03 2.06 0.00	40.80 2.96 0.00	35.31 2.31 0.00	40.18 2.82 0.00	32.91 2.49 0.00	32.33 2.60 0.00	39.73 2.79 -7.26	38.95 2.93 -6.73	43.17 3.99 0.00	32.65 2.90 0.00	28.71 2.52 0.00	33.43 2.62 0.00	30.73 2.04 0.00	25.27 1.81 0.00	24.80 1.66 0.00



FRANKLIN_FALL_HYD 24054	23.20 1.16 0.00	21.17 1.04 0.00	20.86 1.00 0.00	19.33 0.91 0.00	20.19 0.91 0.00	23.04 0.95 0.00	23.81 0.95 0.00	27.02 1.00 0.21	40.01 1.31 1.46	27.98 1.02 0.00	39.28 1.45 0.00	34.27 1.28 0.00	38.72 1.35 0.00	31.41 0.99 0.00	30.49 0.76 0.00	30.15 0.46 0.00	29.10 -0.18 0.00	38.48 -0.70 0.00	29.19 -0.56 0.00	25.58 -0.61 0.00	30.51 -0.31 0.00	29.03 0.33 0.00	23.86 0.40 0.00	23.88 0.74 0.00
FREEPORT_EQUS_GT1 23764	22.81 0.78 0.00	20.86 0.74 0.00	20.61 0.75 0.00	19.11 0.69 0.00	20.04 0.76 0.00	23.06 0.96 0.00	24.15 1.28 0.00	27.32 1.63 0.53	38.77 2.37 3.76	28.81 1.85 0.00	40.52 2.69 0.00	35.06 2.06 0.00	39.83 2.47 0.00	32.64 2.23 0.00	32.07 2.35 0.00	38.46 2.57 -6.20	37.84 2.95 -5.60	43.19 4.02 0.00	32.65 2.90 0.00	28.69 2.50 0.00	33.43 2.61 0.00	30.73 2.04 0.00	25.08 1.62 0.00	24.66 1.53 0.00
FREEPORT___CT2 23818	22.81 0.78 0.00	20.86 0.74 0.00	20.61 0.75 0.00	19.11 0.69 0.00	20.04 0.76 0.00	23.06 0.96 0.00	24.15 1.28 0.00	27.32 1.63 0.53	38.77 2.37 3.76	28.81 1.85 0.00	40.52 2.69 0.00	35.06 2.06 0.00	39.83 2.47 0.00	32.64 2.23 0.00	32.07 2.35 0.00	38.46 2.57 -6.20	37.84 2.95 -5.60	43.19 4.02 0.00	32.65 2.90 0.00	28.69 2.50 0.00	33.43 2.61 0.00	30.73 2.04 0.00	25.08 1.62 0.00	24.66 1.53 0.00
FRESHKLS_33_KV_LOAD 356253	22.55 0.51 0.00	20.65 0.52 0.00	20.41 0.55 0.00	18.91 0.48 0.00	19.82 0.53 0.00	22.76 0.67 0.00	23.84 0.98 0.00	27.01 1.32 0.53	38.16 1.76 3.76	28.29 1.33 0.00	39.62 1.79 0.00	34.57 1.58 0.00	39.26 1.89 0.00	32.06 1.65 0.00	31.48 1.76 0.00	31.66 1.97 0.00	31.60 2.31 0.00	42.58 3.40 0.00	32.35 2.59 0.00	28.45 2.26 0.00	33.05 2.23 0.00	30.40 1.71 0.00	24.75 1.29 0.00	24.24 1.11 0.00
FULTON COGEN____ 23766	21.46 -0.58 0.00	19.58 -0.54 0.00	19.32 -0.54 0.00	17.92 -0.50 0.00	18.77 -0.51 0.00	21.53 -0.57 0.00	22.24 -0.62 0.00	23.20 -0.83 2.20	23.27 -1.45 15.43	26.07 -0.89 0.00	36.67 -1.16 0.00	31.98 -1.02 0.00	36.22 -1.15 0.00	29.53 -0.88 0.00	28.89 -0.83 0.00	28.88 -0.81 0.00	28.68 -0.61 0.00	38.44 -0.74 0.00	29.17 -0.58 0.00	25.64 -0.55 0.00	30.02 -0.80 0.00	27.89 -0.80 0.00	22.82 -0.63 0.00	22.57 -0.56 0.00
FULTON___LFGE 323630	24.09 2.05 0.00	21.93 1.80 0.00	21.66 1.80 0.00	20.08 1.67 0.00	20.99 1.71 0.00	24.21 2.11 0.00	25.23 2.36 0.00	28.49 2.78 0.51	41.14 4.61 3.63	29.99 3.03 0.00	41.81 3.98 0.00	36.23 3.23 0.00	40.80 3.44 0.00	33.08 2.67 0.00	32.81 3.08 0.00	33.04 3.35 0.00	33.03 3.74 0.00	44.30 5.12 0.00	33.55 3.80 0.00	29.46 3.27 0.00	34.54 3.73 0.00	32.07 3.37 0.00	26.07 2.61 0.00	25.63 2.49 0.00
G.F.CEMENT___DRP 24184	22.74 0.70 0.00	20.77 0.65 0.00	20.56 0.70 0.00	19.11 0.69 0.00	20.04 0.75 0.00	23.20 1.10 0.00	24.23 1.37 0.00	27.66 1.84 0.40	40.21 2.87 2.82	28.92 1.96 0.00	40.44 2.60 0.00	35.02 2.02 0.00	39.39 2.02 0.00	31.81 1.40 0.00	30.85 1.12 0.00	30.96 1.27 0.00	30.80 1.51 0.00	41.32 2.14 0.00	31.45 1.70 0.00	27.64 1.45 0.00	31.99 1.18 0.00	29.62 0.93 0.00	24.11 0.65 0.00	23.58 0.45 0.00
GARDENVILLE___LBMP 24039	21.07 -0.96 0.00	19.08 -1.05 0.00	18.83 -1.03 0.00	17.44 -0.98 0.00	18.24 -1.04 0.00	20.99 -1.11 0.00	21.35 -1.51 0.00	21.86 -2.24 2.13	21.84 -3.36 14.96	25.05 -1.91 0.00	35.28 -2.55 0.00	30.76 -2.24 0.00	34.72 -2.65 0.00	28.34 -2.07 0.00	27.56 -2.17 0.00	27.48 -2.22 0.00	27.37 -1.92 0.00	36.77 -2.41 0.00	27.75 -2.00 0.00	24.34 -1.85 0.00	28.56 -2.26 0.00	26.94 -1.75 0.00	22.20 -1.26 0.00	22.07 -1.06 0.00
GARDNVLA_35_KV_LD 355827	21.16 -0.87 0.00	19.15 -0.97 0.00	18.90 -0.96 0.00	17.51 -0.91 0.00	18.31 -0.97 0.00	21.07 -1.02 0.00	21.44 -1.42 0.00	21.96 -2.14 2.12	22.03 -3.21 14.92	25.17 -1.79 0.00	35.45 -2.37 0.00	30.90 -2.09 0.00	34.87 -2.50 0.00	28.47 -1.94 0.00	27.67 -2.05 0.00	27.59 -2.11 0.00	27.49 -1.80 0.00	36.93 -2.25 0.00	27.88 -1.87 0.00	24.45 -1.74 0.00	28.70 -2.12 0.00	27.08 -1.61 0.00	22.31 -1.14 0.00	22.18 -0.96 0.00
GELCKHM___115KV_LOAD 80723	21.63 -0.40 0.00	19.74 -0.39 0.00	19.46 -0.40 0.00	18.07 -0.36 0.00	18.92 -0.37 0.00	21.69 -0.41 0.00	22.39 -0.47 0.00	23.41 -0.67 2.15	23.99 -1.13 15.05	26.42 -0.54 0.00	37.18 -0.65 0.00	32.42 -0.58 0.00	36.70 -0.66 0.00	29.90 -0.52 0.00	29.25 -0.48 0.00	29.23 -0.46 0.00	29.05 -0.24 0.00	38.95 -0.23 0.00	29.55 -0.20 0.00	25.94 -0.25 0.00	30.39 -0.43 0.00	28.25 -0.45 0.00	23.13 -0.33 0.00	22.87 -0.26 0.00
GENERAL___MILLS 23808	21.14 -0.89 0.00	19.14 -0.99 0.00	18.90 -0.96 0.00	17.50 -0.92 0.00	18.30 -0.98 0.00	21.06 -1.04 0.00	21.43 -1.43 0.00	21.93 -2.17 2.13	21.99 -3.24 14.93	25.14 -1.82 0.00	35.42 -2.41 0.00	30.87 -2.13 0.00	34.84 -2.53 0.00	28.45 -1.96 0.00	27.66 -2.07 0.00	27.57 -2.12 0.00	27.47 -1.82 0.00	36.90 -2.28 0.00	27.85 -1.91 0.00	24.42 -1.77 0.00	28.66 -2.16 0.00	27.04 -1.65 0.00	22.28 -1.17 0.00	22.15 -0.98 0.00
GE_PLASTICS___DRP 24183	22.17 0.13 0.00	20.30 0.17 0.00	20.02 0.16 0.00	18.60 0.17 0.00	19.49 0.21 0.00	22.28 0.19 0.00	23.13 0.27 0.00	26.28 0.47 0.42	37.97 0.74 2.93	27.47 0.51 0.00	38.44 0.61 0.00	33.48 0.48 0.00	37.90 0.53 0.00	30.85 0.44 0.00	30.18 0.45 0.00	30.27 0.57 0.00	30.07 0.78 0.00	40.36 1.19 0.00	30.68 0.93 0.00	26.98 0.79 0.00	31.50 0.68 0.00	29.17 0.48 0.00	23.79 0.33 0.00	23.37 0.23 0.00
GILBOA___1 23756	22.32 0.28 0.00	20.43 0.28 -0.03	20.14 0.27 -0.01	18.68 0.26 0.00	19.57 0.29 0.00	22.43 0.34 0.00	23.23 0.37 0.00	26.06 0.50 0.66	36.27 0.79 4.68	27.56 0.60 0.00	38.59 0.76 0.00	33.63 0.63 0.00	38.12 0.75 0.00	31.05 0.63 0.00	30.41 0.68 0.00	30.44 0.75 0.00	30.23 0.95 0.00	40.53 1.35 0.00	30.85 1.10 0.00	27.11 0.92 0.00	31.67 0.85 0.00	29.32 0.63 0.00	23.93 0.47 0.00	23.52 0.39 0.00
GILBOA___2 23757	22.32 0.28 0.00	20.43 0.28 -0.03	20.14 0.27 -0.01	18.68 0.26 0.00	19.57 0.29 0.00	22.43 0.34 0.00	23.23 0.37 0.00	26.06 0.50 0.66	36.27 0.79 4.68	27.56 0.60 0.00	38.59 0.76 0.00	33.63 0.63 0.00	38.12 0.75 0.00	31.05 0.63 0.00	30.41 0.68 0.00	30.44 0.75 0.00	30.23 0.95 0.00	40.53 1.35 0.00	30.85 1.10 0.00	27.11 0.92 0.00	31.67 0.85 0.00	29.32 0.63 0.00	23.93 0.47 0.00	23.52 0.39 0.00
GILBOA___3 23758	22.32 0.28 0.00	20.43 0.28 -0.03	20.14 0.27 -0.01	18.68 0.26 0.00	19.57 0.29 0.00	22.43 0.34 0.00	23.23 0.37 0.00	26.06 0.50 0.66	36.27 0.79 4.68	27.56 0.60 0.00	38.59 0.76 0.00	33.63 0.63 0.00	38.12 0.75 0.00	31.05 0.63 0.00	30.41 0.68 0.00	30.44 0.75 0.00	30.23 0.95 0.00	40.53 1.35 0.00	30.85 1.10 0.00	27.11 0.92 0.00	31.67 0.85 0.00	29.32 0.63 0.00	23.93 0.47 0.00	23.52 0.39 0.00

GILBOA___4 23759	22.32 0.28 0.00	20.43 0.28 -0.03	20.14 0.27 -0.01	18.68 0.26 0.00	19.57 0.29 0.00	22.43 0.34 0.00	23.23 0.37 0.00	26.06 0.50 0.66	36.27 0.79 4.68	27.56 0.60 0.00	38.59 0.76 0.00	33.63 0.63 0.00	38.12 0.75 0.00	31.05 0.63 0.00	30.41 0.68 0.00	30.44 0.75 0.00	30.23 0.95 0.00	40.53 1.35 0.00	30.85 1.10 0.00	27.11 0.92 0.00	31.67 0.85 0.00	29.32 0.63 0.00	23.93 0.47 0.00	23.52 0.39 0.00
GILBOA____ 23599	22.32 0.29 0.00	20.40 0.28 0.00	20.13 0.27 0.00	18.68 0.26 0.00	19.57 0.29 0.00	22.44 0.34 0.00	23.23 0.37 0.00	26.06 0.50 0.66	36.27 0.78 4.68	27.56 0.60 0.00	38.59 0.76 0.00	33.63 0.63 0.00	38.12 0.75 0.00	31.05 0.64 0.00	30.41 0.68 0.00	30.44 0.75 0.00	30.23 0.95 0.00	40.52 1.35 0.00	30.85 1.10 0.00	27.11 0.92 0.00	31.67 0.85 0.00	29.32 0.63 0.00	23.93 0.47 0.00	23.52 0.39 0.00
GINNA____ 23603	20.40 -1.64 0.00	18.39 -1.59 0.14	18.29 -1.54 0.03	17.00 -1.42 0.00	17.79 -1.49 0.00	20.44 -1.65 0.00	21.06 -1.80 0.00	21.76 -2.27 2.19	20.23 -3.61 16.32	24.77 -2.19 0.00	34.92 -2.92 0.00	30.46 -2.54 0.00	34.44 -2.93 0.00	28.07 -2.34 0.00	27.37 -2.35 0.00	27.36 -2.33 0.00	27.21 -2.08 0.00	36.49 -2.69 0.00	27.61 -2.15 0.00	24.19 -2.00 0.00	28.35 -2.47 0.00	26.42 -2.27 0.00	21.64 -1.82 0.00	21.45 -1.69 0.00
GLEN PARK____ 23778	21.95 -0.09 0.00	20.07 -0.06 0.00	19.90 0.04 0.00	18.47 0.05 0.00	19.26 -0.02 0.00	22.07 -0.03 0.00	23.00 0.14 0.00	25.00 0.14 1.37	30.56 0.00 9.61	27.00 0.04 0.00	37.54 -0.29 0.00	32.52 -0.48 0.00	36.48 -0.89 0.00	29.64 -0.77 0.00	28.91 -0.82 0.00	28.96 -0.74 0.00	29.16 -0.13 0.00	38.82 -0.35 0.00	29.29 -0.47 0.00	25.83 -0.36 0.00	30.48 -0.33 0.00	28.31 -0.38 0.00	22.87 -0.58 0.00	22.83 -0.31 0.00
GLENDALE_27_KV_LOAD 356172	22.65 0.61 0.00	20.74 0.61 0.00	20.48 0.62 0.00	18.99 0.57 0.00	19.90 0.61 0.00	22.82 0.72 0.00	23.92 1.06 0.00	27.11 1.42 0.53	38.38 1.98 3.76	28.44 1.48 0.00	39.81 1.98 0.00	34.74 1.74 0.00	39.48 2.11 0.00	32.27 1.86 0.00	31.73 2.00 0.00	31.83 2.13 0.00	31.77 2.48 0.00	42.67 3.49 0.00	32.39 2.64 0.00	28.46 2.27 0.00	33.09 2.27 0.00	30.44 1.75 0.00	24.78 1.32 0.00	24.26 1.13 0.00
GLENWOOD_IC_1_G5 23712	22.72 0.69 0.00	20.80 0.67 0.00	20.54 0.68 0.00	19.04 0.62 0.00	19.97 0.69 0.00	22.95 0.85 0.00	24.03 1.17 0.00	27.21 1.52 0.53	38.60 2.20 3.76	28.64 1.68 0.00	40.21 2.38 0.00	34.91 1.91 0.00	39.69 2.32 0.00	32.46 2.05 0.00	31.88 2.15 0.00	39.88 2.32 -7.86	39.09 2.60 -7.21	42.76 3.58 0.00	32.38 2.63 0.00	28.45 2.26 0.00	33.13 2.31 0.00	30.56 1.86 0.00	24.92 1.46 0.00	24.46 1.33 0.00
GLENWOOD_IC_2_G1 23688	22.65 0.61 0.00	20.72 0.59 0.00	20.47 0.61 0.00	18.98 0.56 0.00	19.90 0.62 0.00	22.86 0.76 0.00	23.92 1.06 0.00	27.09 1.39 0.53	38.42 2.02 3.76	28.48 1.52 0.00	39.94 2.11 0.00	34.73 1.74 0.00	39.46 2.10 0.00	32.27 1.86 0.00	31.69 1.97 0.00	32.14 2.11 -0.33	32.06 2.46 -0.31	42.60 3.42 0.00	32.29 2.54 0.00	28.37 2.18 0.00	33.02 2.20 0.00	30.39 1.70 0.00	24.78 1.33 0.00	24.31 1.18 0.00
GLENWOOD_IC_3_G1 23689	22.65 0.61 0.00	20.72 0.59 0.00	20.47 0.61 0.00	18.98 0.56 0.00	19.90 0.62 0.00	22.86 0.76 0.00	23.92 1.06 0.00	27.09 1.39 0.53	38.42 2.02 3.76	28.48 1.52 0.00	39.94 2.11 0.00	34.73 1.74 0.00	39.46 2.10 0.00	32.27 1.86 0.00	31.69 1.97 0.00	32.14 2.11 -0.33	32.06 2.46 -0.31	42.60 3.42 0.00	32.29 2.54 0.00	28.37 2.18 0.00	33.02 2.20 0.00	30.39 1.70 0.00	24.78 1.33 0.00	24.31 1.18 0.00
GLENWOOD___4 23550	22.72 0.69 0.00	20.80 0.67 0.00	20.54 0.68 0.00	19.04 0.62 0.00	19.97 0.69 0.00	22.95 0.85 0.00	24.03 1.17 0.00	27.21 1.52 0.53	38.60 2.20 3.76	28.64 1.68 0.00	40.21 2.38 0.00	34.91 1.91 0.00	39.69 2.32 0.00	32.46 2.05 0.00	31.88 2.15 0.00	39.88 2.32 -7.86	39.13 2.63 -7.21	42.81 3.63 0.00	32.42 2.67 0.00	28.49 2.30 0.00	33.16 2.35 0.00	30.56 1.86 0.00	24.92 1.46 0.00	24.46 1.33 0.00
GLENWOOD___5 23614	22.72 0.69 0.00	20.80 0.67 0.00	20.54 0.68 0.00	19.04 0.62 0.00	19.97 0.69 0.00	22.95 0.85 0.00	24.03 1.17 0.00	27.21 1.52 0.53	38.60 2.20 3.76	28.64 1.68 0.00	40.21 2.38 0.00	34.91 1.91 0.00	39.69 2.32 0.00	32.46 2.05 0.00	31.88 2.15 0.00	39.88 2.32 -7.86	39.13 2.63 -7.21	42.81 3.63 0.00	32.42 2.67 0.00	28.49 2.30 0.00	33.16 2.35 0.00	30.56 1.86 0.00	24.92 1.46 0.00	24.46 1.33 0.00
GLOBAL GREEN_PORT_GT1 23814	23.56 1.53 0.00	21.53 1.40 0.00	21.27 1.41 0.00	19.72 1.30 0.00	20.72 1.44 0.00	23.85 1.76 0.00	24.66 1.80 0.00	27.85 2.16 0.53	39.75 3.35 3.76	29.83 2.86 0.00	41.62 3.79 0.00	35.86 2.87 0.00	40.78 3.42 0.00	33.47 3.06 0.00	32.86 3.14 0.00	38.05 3.54 -4.82	37.38 3.91 -4.19	44.49 5.31 0.00	33.54 3.79 0.00	29.47 3.28 0.00	34.30 3.48 0.00	31.39 2.70 0.00	25.66 2.21 0.00	25.71 2.58 0.00
GLOBE___DSASP 323697	20.21 -1.82 0.00	18.37 -1.76 0.00	18.17 -1.69 0.00	16.84 -1.58 0.00	17.62 -1.66 0.00	20.28 -1.82 0.00	20.57 -2.29 0.00	20.93 -3.16 2.15	20.35 -4.74 15.08	24.04 -2.92 0.00	33.81 -4.02 0.00	29.45 -3.55 0.00	33.20 -4.16 0.00	27.10 -3.31 0.00	26.23 -3.49 0.00	26.21 -3.48 0.00	26.13 -3.16 0.00	35.04 -4.14 0.00	26.42 -3.33 0.00	23.14 -3.05 0.00	27.21 -3.61 0.00	25.68 -3.02 0.00	21.13 -2.33 0.00	21.06 -2.07 0.00
GOETHSLN___LBMP 323567	22.49 0.46 0.00	20.60 0.47 0.00	20.35 0.49 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.67 0.57 0.00	23.74 0.88 0.00	26.91 1.22 0.53	38.06 1.66 3.76	28.22 1.26 0.00	39.49 1.66 0.00	34.46 1.46 0.00	39.16 1.79 0.00	32.01 1.60 0.00	31.45 1.73 0.00	31.54 1.84 0.00	31.50 2.21 0.00	42.29 3.11 0.00	32.11 2.35 0.00	28.20 2.01 0.00	32.79 1.97 0.00	30.17 1.48 0.00	24.55 1.10 0.00	24.06 0.92 0.00
GOLAH___69_KV_TB 1_2 80279	21.40 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.63 0.00	18.63 -0.66 0.00	21.43 -0.67 0.00	21.97 -0.89 0.00	22.73 -1.31 2.19	22.73 -2.07 15.36	25.85 -1.11 0.00	36.42 -1.41 0.00	31.78 -1.22 0.00	35.91 -1.45 0.00	29.28 -1.13 0.00	28.50 -1.23 0.00	28.48 -1.21 0.00	28.37 -0.92 0.00	38.08 -1.10 0.00	28.78 -0.97 0.00	25.21 -0.98 0.00	29.55 -1.27 0.00	28.73 0.03 0.00	23.44 -0.02 0.00	23.02 -0.12 0.00
GOODYEAR_LAKE_HYD 323669	22.77 0.74 0.00	20.76 0.63 0.00	20.50 0.64 0.00	19.00 0.57 0.00	19.86 0.57 0.00	22.80 0.70 0.00	23.58 0.72 0.00	25.98 0.80 1.05	33.92 1.17 7.41	27.90 0.94 0.00	39.18 1.35 0.00	34.17 1.17 0.00	38.84 1.47 0.00	31.56 1.15 0.00	30.96 1.23 0.00	30.92 1.22 0.00	30.71 1.43 0.00	41.20 2.02 0.00	31.34 1.59 0.00	27.54 1.36 0.00	32.26 1.44 0.00	29.92 1.23 0.00	24.42 0.96 0.00	24.07 0.94 0.00

GOUDEY___7 235031	21.95 -0.08 0.00	20.01 -0.12 0.00	19.73 -0.13 0.00	18.28 -0.14 0.00	19.15 -0.13 0.00	22.01 -0.08 0.00	22.75 -0.11 0.00	24.39 -0.19 1.65	28.14 -0.43 11.58	26.87 -0.09 0.00	37.75 -0.08 0.00	32.93 -0.06 0.00	37.34 -0.03 0.00	30.42 0.01 0.00	29.84 0.11 0.00	29.73 0.03 0.00	29.53 0.25 0.00	39.68 0.50 0.00	30.15 0.40 0.00	26.44 0.24 0.00	30.90 0.09 0.00	28.72 0.03 0.00	23.51 0.06 0.00	23.20 0.07 0.00
GOUDEY___7 23579	21.97 -0.07 0.00	20.03 -0.10 0.00	19.74 -0.11 0.00	18.30 -0.13 0.00	19.17 -0.12 0.00	22.03 -0.07 0.00	22.77 -0.09 0.00	24.41 -0.17 1.65	28.18 -0.40 11.58	26.90 -0.06 0.00	37.79 -0.04 0.00	32.97 -0.03 0.00	37.38 0.01 0.00	30.45 0.04 0.00	29.87 0.15 0.00	29.75 0.06 0.00	29.57 0.28 0.00	39.72 0.54 0.00	30.18 0.43 0.00	26.46 0.27 0.00	30.93 0.12 0.00	28.75 0.06 0.00	23.54 0.08 0.00	23.22 0.09 0.00
GOUDEY___8 23580	21.95 -0.08 0.00	20.01 -0.12 0.00	19.73 -0.13 0.00	18.28 -0.14 0.00	19.15 -0.13 0.00	22.01 -0.08 0.00	22.75 -0.11 0.00	24.39 -0.19 1.65	28.14 -0.43 11.58	26.87 -0.09 0.00	37.75 -0.08 0.00	32.93 -0.06 0.00	37.34 -0.03 0.00	30.42 0.01 0.00	29.84 0.11 0.00	29.73 0.03 0.00	29.53 0.25 0.00	39.68 0.50 0.00	30.15 0.40 0.00	26.44 0.24 0.00	30.90 0.09 0.00	28.72 0.03 0.00	23.51 0.06 0.00	23.20 0.07 0.00
GOWANUS_GT1_1 24077	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.24 1.85 3.76	28.35 1.39 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.37 2.00 0.00	32.17 1.76 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT1_2 24078	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.24 1.85 3.76	28.35 1.39 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.37 2.00 0.00	32.17 1.76 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT1_3 24079	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.24 1.85 3.76	28.35 1.39 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.37 2.00 0.00	32.17 1.76 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT1_4 24080	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.24 1.85 3.76	28.35 1.39 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.37 2.00 0.00	32.17 1.76 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT1_5 24084	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38															

GOWANUS_GT2_5 24118	22.59	20.68	20.43	18.93	19.84	22.77	23.86	27.05	38.27	28.36	39.71	34.66	39.38	32.17	31.61	31.73	31.66	42.57	32.34	28.43	33.04	30.38	24.73	24.22
	0.55	0.56	0.57	0.51	0.56	0.68	1.00	1.36	1.87	1.40	1.88	1.66	2.01	1.76	1.88	2.04	2.37	3.39	2.59	2.24	2.22	1.69	1.27	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT2_6 24119	22.59	20.68	20.43	18.93	19.84	22.77	23.86	27.05	38.27	28.36	39.71	34.66	39.38	32.17	31.61	31.73	31.66	42.57	32.34	28.43	33.04	30.38	24.73	24.22
	0.55	0.56	0.57	0.51	0.56	0.68	1.00	1.36	1.87	1.40	1.88	1.66	2.01	1.76	1.88	2.04	2.37	3.39	2.59	2.24	2.22	1.69	1.27	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT2_7 24120	22.59	20.68	20.43	18.93	19.84	22.77	23.86	27.05	38.27	28.36	39.71	34.66	39.38	32.17	31.61	31.73	31.66	42.57	32.34	28.43	33.04	30.38	24.73	24.22
	0.55	0.56	0.57	0.51	0.56	0.68	1.00	1.36	1.87	1.40	1.88	1.66	2.01	1.76	1.88	2.04	2.37	3.39	2.59	2.24	2.22	1.69	1.27	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT2_8 24121	22.59	20.68	20.43	18.93	19.84	22.77	23.86	27.05	38.27	28.36	39.71	34.66	39.38	32.17	31.61	31.73	31.66	42.57	32.34	28.43	33.04	30.38	24.73	24.22
	0.55	0.56	0.57	0.51	0.56	0.68	1.00	1.36	1.87	1.40	1.88	1.66	2.01	1.76	1.88	2.04	2.37	3.39	2.59	2.24	2.22	1.69	1.27	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_1 24122	22.59	20.68	20.43	18.93	19.84	22.77	23.86	27.05	38.26	28.35	39.71	34.66	39.38	32.17	31.61	31.73	31.66	42.57	32.34	28.43	33.04	30.38	24.73	24.22
	0.55	0.56	0.57	0.51	0.56	0.68	1.00	1.36	1.87	1.39	1.88	1.66	2.01	1.76	1.88	2.04	2.37	3.39	2.59	2.24	2.22	1.69	1.27	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
GOWANUS_GT3_2 24123	22.59	20.68	20.43	18.93	19.84	22.77	23.86	27.05	38.26	28.35	39.71	34.66	39.38	32.17	31.61	31.73	31.66	42.57	32.34	28.43	33.04	30.38	24.73	24.22
	0.55	0.56	0.57	0.51	0.56	0.68	1.00	1.36	1.87	1.39	1.88	1.66	2.01	1.76	1.88	2.04	2.37	3.39	2.59	2.24	2.22	1.69	1.27	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.53	3.76	0.00	0.00	0.00	0.00</											

GOWANUS_GT4_4 24133	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT4_5 24134	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT4_6 24135	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT4_7 24136	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GOWANUS_GT4_8 24137	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GREENBSH_115KV_TB3 55895	22.03 0.00 0.00	20.20 0.07 0.00	19.92 0.06 0.00	18.52 0.10 0.00	19.41 0.13 0.00	22.15 0.05 0.00	23.00 0.14 0.00	26.18 0.37 0.42	37.80 0.56 2.92	27.35 0.39 0.00	38.28 0.45 0.00	33.34 0.34 0.00	37.74 0.38 0.00	30.72 0.31 0.00	30.06 0.33 0.00	30.15 0.45 0.00	29.94 0.65 0.00	40.20 1.02 0.00	30.55 0.80 0.00	26.87 0.68 0.00	31.37 0.55 0.00	29.04 0.35 0.00	23.68 0.22 0.00	23.24 0.10 0.00
GREENDGE_115KV_TB5 80291	22.28 0.25 0.00	20.28 0.15 0.00	19.95 0.09 0.00	18.35 -0.07 0.00	19.37 0.09 0.00	22.32 0.22 0.00	22.65 -0.21 0.00	23.94 -0.33 1.96	25.74 -0.69 13.73	26.71 -0.25 0.00	37.26 -0.57 0.00	32.73 -0.27 0.00	36.86 -0.51 0.00	30.19 -0.23 0.00	29.61 -0.12 0.00	29.49 -0.20 0.00	29.32 0.03 0.00	39.25 0.07 0.00	29.77 0.02 0.00	26.02 -0.17 0.00	30.67 -0.15 0.00	28.61 -0.09 0.00	23.44 -0.02 0.00	23.29 0.16 0.00
GREENIDGE___3 23582	22.28 0.25 0.00	20.28 0.15 0.00	19.95 0.09 0.00	18.35 -0.07 0.00	19.37 0.09 0.00	22.32 0.22 0.00	22.65 -0.21 0.00	23.94 -0.33 1.96	25.74 -0.69 13.73	26.71 -0.25 0.00	37.26 -0.57 0.00	32.73 -0.27 0.00	36.86 -0.51 0.00	30.19 -0.23 0.00	29.61 -0.12 0.00	29.49 -0.20 0.00	29.32 0.03 0.00	39.25 0.07 0.00	29.77 0.02 0.00	26.02 -0.17 0.00	30.67 -0.15 0.00	28.61 -0.09 0.00	23.44 -0.02 0.00	23.29 0.16 0.00
GREENIDGE___4 23583	22.28 0.25 0.00	20.47 0.15 -0.20	19.99 0.09 -0.04	18.35 -0.07 0.00	19.37 0.08 0.00	22.32 0.22 0.00	22.65 -0.21 0.00	23.94 -0.33 1.96	26.40 -0.70 13.07	26.71 -0.25 0.00	37.26 -0.57 0.00	32.73 -0.27 0.00	36.86 -0.51 0.00	30.19 -0.23 0.00	29.61 -0.12 0.00	29.49 -0.20 0.00	29.32 0.03 0.00	39.25 0.07 0.00	29.78 0.03 0.00	26.02 -0.17 0.00	30.67 -0.15 0.00	28.60 -0.09 0.00	23.44 -0.02 0.00	23.29 0.16 0.00
GREENLWN_69_KV_BK 3 55738	22.67 0.63 0.00	20.72 0.60 0.00	20.49 0.63 0.00	19.00 0.58 0.00	19.92 0.63 0.00	22.90 0.81 0.00	23.97 1.11 0.00	27.06 1.37 0.53	38.33 1.93 3.76	28.54 1.58 0.00	40.29 2.46 0.00	34.87 1.88 0.00	39.61 2.25 0.00	32.47 2.05 0.00	31.91 2.18 0.00	37.01 2.40 -4.92	36.30 2.72 -4.28	42.80 3.62 0.00	32.27 2.52 0.00	28.37 2.18 0.00	33.07 2.26 0.00	30.35 1.66 0.00	24.86 1.40 0.00	24.54 1.41 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00
GRISSOM___SOLAR 323813	24.09 2.05 0.00	21.93 1.80 0.00	21.66 1.80 0.00	20.08 1.67 0.00	20.99 1.71 0.00	24.21 2.11 0.00	25.23 2.36 0.00	28.49 2.78 0.51	41.14 4.61 3.63	29.99 3.03 0.00	41.81 3.98 0.00	36.23 3.23 0.00	40.80 3.44 0.00	33.08 2.67 0.00	32.81 3.08 0.00	33.04 3.35 0.00	33.03 3.74 0.00	44.30 5.12 0.00	33.55 3.80 0.00	29.46 3.27 0.00	34.54 3.73 0.00	32.07 3.37 0.00	26.07 2.61 0.00	25.63 2.49 0.00
GROVEVILLE___HYD 323602	22.72 0.69 0.00	20.78 0.65 0.00	20.51 0.65 0.00	19.03 0.60 0.00	19.94 0.66 0.00	22.92 0.82 0.00	23.95 1.09 0.00	27.15 1.46 0.53	38.58 2.16 3.74	28.49 1.53 0.00	39.89 2.06 0.00	34.77 1.77 0.00	39.47 2.10 0.00	32.22 1.81 0.00	31.62 1.90 0.00	31.70 2.00 0.00	31.67 2.38 0.00	42.56 3.38 0.00	32.32 2.57 0.00	28.40 2.21 0.00	33.03 2.21 0.00	30.44 1.75 0.00	24.79 1.34 0.00	24.29 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.64 -0.45 2.14	24.58 -0.63 14.94	26.82 -0.14 0.00	37.72 -0.11 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.05 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00
HAMLTNNY_34_KV_TB 80303	21.87 -0.16 0.00	19.95 -0.18 0.00	19.65 -0.21 0.00	18.24 -0.19 0.00	19.11 -0.17 0.00	21.93 -0.16 0.00	22.59 -0.27 0.00	23.64 -0.43 2.15	24.76 -0.45 14.96	27.07 0.11 0.00	38.08 0.25 0.00	33.16 0.16 0.00	37.58 0.21 0.00	30.59 0.18 0.00	29.93 0.21 0.00	29.91 0.22 0.00	29.83 0.54 0.00	40.01 0.83 0.00	30.36 0.61 0.00	26.60 0.41 0.00	31.13 0.31 0.00	29.00 0.31 0.00	23.70 0.24 0.00	23.42 0.29 0.00



HISHELDN_WT_PWR 323625	20.90 -1.14 0.00	18.56 -1.23 0.34	18.54 -1.25 0.07	17.26 -1.16 0.00	17.98 -1.30 0.00	20.64 -1.46 0.00	20.95 -1.91 0.00	21.36 -2.74 2.13	18.42 -4.20 17.55	24.43 -2.53 0.00	34.40 -3.43 0.00	29.98 -3.02 0.00	33.88 -3.49 0.00	27.79 -2.63 0.00	26.93 -2.80 0.00	26.91 -2.79 0.00	26.78 -2.51 0.00	35.86 -3.32 0.00	27.05 -2.70 0.00	23.81 -2.38 0.00	28.02 -2.80 0.00	26.59 -2.11 0.00	21.94 -1.52 0.00	21.84 -1.29 0.00
HOLTSVILLE_IC_1 23690	22.97 0.93 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.13 0.00	24.19 1.33 0.00	27.29 1.59 0.53	38.75 2.35 3.76	28.97 2.01 0.00	40.66 2.83 0.00	35.11 2.11 0.00	39.88 2.51 0.00	32.71 2.29 0.00	32.12 2.39 0.00	37.22 2.71 -4.82	36.52 3.05 -4.18	43.26 4.08 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.43 2.62 0.00	30.64 1.94 0.00	25.10 1.64 0.00	24.91 1.77 0.00
HOLTSVILLE_IC_10 23699	23.07 1.03 0.00	21.09 0.96 0.00	20.85 0.99 0.00	19.32 0.91 0.00	20.28 0.99 0.00	23.33 1.24 0.00	24.28 1.42 0.00	27.41 1.72 0.53	38.94 2.54 3.76	29.13 2.17 0.00	40.85 3.02 0.00	35.26 2.27 0.00	40.05 2.68 0.00	32.85 2.44 0.00	32.26 2.53 0.00	37.42 2.88 -4.84	36.73 3.23 -4.21	43.54 4.36 0.00	32.82 3.07 0.00	28.89 2.70 0.00	33.65 2.83 0.00	30.81 2.12 0.00	25.23 1.77 0.00	25.06 1.93 0.00
HOLTSVILLE_IC_2 23691	22.97 0.93 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.13 0.00	24.19 1.33 0.00	27.29 1.59 0.53	38.75 2.35 3.76	28.97 2.01 0.00	40.66 2.83 0.00	35.11 2.11 0.00	39.88 2.51 0.00	32.71 2.29 0.00	32.12 2.39 0.00	37.22 2.71 -4.82	36.52 3.05 -4.18	43.26 4.08 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.43 2.62 0.00	30.64 1.94 0.00	25.10 1.64 0.00	24.91 1.77 0.00
HOLTSVILLE_IC_3 23692	22.97 0.93 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.13 0.00	24.19 1.33 0.00	27.29 1.59 0.53	38.75 2.35 3.76	28.97 2.01 0.00	40.66 2.83 0.00	35.11 2.11 0.00	39.88 2.51 0.00	32.71 2.29 0.00	32.12 2.39 0.00	37.22 2.71 -4.82	36.52 3.05 -4.18	43.26 4.08 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.43 2.62 0.00	30.64 1.94 0.00	25.10 1.64 0.00	24.91 1.77 0.00
HOLTSVILLE_IC_4 23693	22.97 0.93 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.13 0.00	24.19 1.33 0.00	27.29 1.59 0.53	38.75 2.35 3.76	28.97 2.01 0.00	40.66 2.83 0.00	35.11 2.11 0.00	39.88 2.51 0.00	32.71 2.29 0.00	32.12 2.39 0.00	37.22 2.71 -4.82	36.52 3.05 -4.18	43.26 4.08 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.43 2.62 0.00	30.64 1.94 0.00	25.10 1.64 0.00	24.91 1.77 0.00
HOLTSVILLE_IC_5 23694	22.97 0.93 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.13 0.00	24.19 1.33 0.00	27.29 1.59 0.53	38.75 2.35 3.76	28.97 2.01 0.00	40.66 2.83 0.00	35.11 2.11 0.00	39.88 2.51 0.00	32.71 2.29 0.00	32.12 2.39 0.00	37.22 2.71 -4.82	36.52 3.05 -4.18	43.26 4.08 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.43 2.62 0.00	30.64 1.94 0.00	25.10 1.64 0.00	24.91 1.77 0.00
HOLTSVILLE_IC_6 23695	23.07 1.03 0.00	21.09 0.96 0.00	20.85 0.99 0.00	19.32 0.91 0.00	20.28 0.99 0.00	23.33 1.24 0.00	24.28 1.42 0.00	27.41 1.72 0.53	38.94 2.54 3.76	29.13 2.17 0.00	40.85 3.02 0.00	35.26 2.27 0.00	40.05 2.68 0.00	32.85 2.44 0.00	32.26 2.53 0.00	37.42 2.88 -4.84	36.73 3.23 -4.21	43.54 4.36 0.00	32.82 3.07 0.00	28.89 2.70 0.00	33.65 2.83 0.00	30.81 2.12 0.00	25.23 1.77 0.00	25.06 1.93 0.00
HOLTSVILLE_IC_7 23696	23.07 1.03 0.00	21.09 0.96 0.00	20.85 0.99 0.00	19.32 0.91 0.00	20.28 0.99 0.00	23.33 1.24 0.00	24.28 1.42 0.00	27.41 1.72 0.53	38.94 2.54 3.76	29.13 2.17 0.00	40.85 3.02 0.00	35.26 2.27 0.00	40.05 2.68 0.00	32.85 2.44 0.00	32.26 2.53 0.00	37.42 2.88 -4.84	36.73 3.23 -4.21	43.54 4.36 0.00	32.82 3.07 0.00	28.89 2.70 0.00	33.65 2.83 0.00	30.81 2.12 0.00	25.23 1.77 0.00	25.06 1.93 0.00
HOLTSVILLE_IC_8 23697	23.07 1.03 0.00	21.09 0.96 0.00	20.85 0.99 0.00	19.32 0.91 0.00	20.28 0.99 0.00	23.33 1.24 0.00	24.28 1.42 0.00	27.41 1.72 0.53	38.94 2.54 3.76	29.13 2.17 0.00	40.85 3.02 0.00	35.26 2.27 0.00	40.05 2.68 0.00	32.85 2.44 0.00	32.26 2.53 0.00	37.42 2.88 -4.84	36.73 3.23 -4.21	43.54 4.36 0.00	32.82 3.07 0.00	28.89 2.70 0.00	33.65 2.83 0.00	30.81 2.12 0.00	25.23 1.77 0.00	25.06 1.93 0.00
HOLTSVILLE_IC_9 23698	23.07 1.03 0.00	21.09 0.96 0.00	20.85 0.99 0.00	19.32 0.91 0.00	20.28 0.99 0.00	23.33 1.24 0.00	24.28 1.42 0.00	27.41 1.72 0.53	38.94 2.54 3.76	29.13 2.17 0.00	40.85 3.02 0.00	35.26 2.27 0.00	40.05 2.68 0.00	32.85 2.44 0.00	32.26 2.53 0.00	37.42 2.88 -4.84	36.73 3.23 -4.21	43.54 4.36 0.00	32.82 3.07 0.00	28.89 2.70 0.00	33.65 2.83 0.00	30.81 2.12 0.00	25.23 1.77 0.00	25.06 1.93 0.00
HOMER_HL_115KV_TB2 355744	22.10 0.07 0.00	20.02 -0.10 0.00	19.76 -0.10 0.00	18.28 -0.14 0.00	19.16 -0.12 0.00	21.99 -0.11 0.00	22.48 -0.38 0.00	23.50 -0.65 2.08	24.31 -1.24 14.61	26.53 -0.43 0.00	37.56 -0.27 0.00	32.92 -0.08 0.00	37.33 -0.04 0.00	30.46 0.05 0.00	29.78 0.06 0.00	29.51 -0.19 0.00	29.19 -0.10 0.00	39.27 0.09 0.00	29.70 -0.05 0.00	26.02 -0.17 0.00	30.35 -0.47 0.00	28.44 -0.25 0.00	23.50 0.05 0.00	23.28 0.15 0.00
HOWARD_WT_PWR 323690	22.00 -0.04 0.00	20.39 -0.01 -0.28	19.80 -0.11 -0.06	18.05 -0.37 0.00	18.79 -0.49 0.00	21.87 -0.22 0.00	22.06 -0.80 0.00	23.16 -1.18 1.89	25.74 -2.44 11.98	25.46 -1.50 0.00	35.61 -2.22 0.00	30.97 -2.03 0.00	34.93 -2.44 0.00	28.38 -2.03 0.00	27.92 -1.80 0.00	27.87 -1.82 0.00	27.93 -1.35 0.00	37.88 -1.30 0.00	28.80 -0.96 0.00	24.90 -1.29 0.00	29.50 -1.32 0.00	27.59 -1.11 0.00	22.65 -0.81 0.00	22.91 -0.23 0.00
HQ_GEN_CEDARS 23644	22.69 0.66 0.00	20.71 0.59 0.00	20.44 0.58 0.00	18.94 0.52 0.00	19.77 0.49 0.00	22.58 0.49 0.00	23.32 0.46 0.00	26.34 0.30 0.19	39.15 0.32 1.33	27.25 0.29 0.00	38.34 0.50 0.00	33.66 0.66 0.00	38.13 0.76 0.00	30.96 0.55 0.00	30.13 0.40 0.00	29.97 0.28 0.00	28.98 -0.31 0.00	38.54 -0.64 0.00	29.21 -0.54 0.00	25.77 -0.42 0.00	30.74 -0.07 0.00	29.03 0.34 0.00	23.90 0.44 0.00	23.63 0.50 0.00
HQ_GEN_CEDARS_PROXY 323590	22.69 0.66 0.00	20.71 0.59 0.00	20.44 0.58 0.00	18.94 0.52 0.00	19.77 0.49 0.00	22.58 0.49 0.00	23.32 0.46 0.00	27.11 0.30 -0.58	39.09 0.32 1.40	27.25 0.29 0.00	38.33 0.50 0.00	33.66 0.66 0.00	38.13 0.76 0.00	30.96 0.55 0.00	30.13 0.40 0.00	33.99 0.28 -4.02	28.98 -0.31 0.00	38.96 -0.65 -0.42	29.21 -0.54 0.00	25.77 -0.42 0.00	30.74 -0.07 0.00	29.03 0.34 0.00	23.90 0.45 0.00	24.81 0.50 -1.18

HQ_GEN_IMPORT 323601	22.29 0.25 0.00	20.35 0.22 0.00	20.07 0.21 0.00	18.62 0.19 0.00	19.46 0.18 0.00	22.29 0.20 0.00	23.04 0.18 0.00	26.33 0.16 0.06	39.91 0.17 0.42	27.12 0.16 0.00	38.08 0.25 0.00	33.25 0.25 0.00	37.67 0.30 0.00	30.61 0.20 0.00	29.85 0.13 0.00	29.73 0.04 0.00	28.52 -0.28 0.49	38.66 -0.51 0.00	29.35 -0.41 0.00	25.88 -0.30 0.00	30.75 -0.07 0.00	28.83 0.14 0.00	23.60 0.14 0.00	23.29 0.16 0.00
HQ_GEN_WHEEL 23651	22.29 0.25 0.00	20.35 0.22 0.00	20.07 0.21 0.00	18.62 0.19 0.00	19.46 0.18 0.00	22.29 0.20 0.00	23.04 0.18 0.00	26.33 0.16 0.06	39.91 0.17 0.42	27.12 0.16 0.00	38.08 0.25 0.00	33.25 0.25 0.00	37.67 0.30 0.00	30.61 0.20 0.00	29.85 0.13 0.00	29.73 0.04 0.00	28.52 -0.28 0.49	38.66 -0.51 0.00	29.35 -0.41 0.00	25.88 -0.30 0.00	30.75 -0.07 0.00	28.83 0.14 0.00	23.60 0.14 0.00	23.29 0.16 0.00
HUDSON AVE_GT_3 23810	22.65 0.61 0.00	20.73 0.61 0.00	20.48 0.62 0.00	18.98 0.56 0.00	19.89 0.61 0.00	22.82 0.72 0.00	23.90 1.04 0.00	27.10 1.41 0.53	38.37 1.96 3.76	28.44 1.48 0.00	39.81 1.98 0.00	34.72 1.72 0.00	39.46 2.09 0.00	32.25 1.84 0.00	31.68 1.95 0.00	31.77 2.08 0.00	31.73 2.44 0.00	42.60 3.42 0.00	32.35 2.60 0.00	28.41 2.22 0.00	33.03 2.22 0.00	30.40 1.71 0.00	24.74 1.29 0.00	24.24 1.10 0.00
HUDSON AVE_GT_4 23540	22.65 0.61 0.00	20.73 0.61 0.00	20.48 0.62 0.00	18.98 0.56 0.00	19.89 0.61 0.00	22.82 0.72 0.00	23.90 1.04 0.00	27.10 1.41 0.53	38.37 1.96 3.76	28.44 1.48 0.00	39.81 1.98 0.00	34.72 1.72 0.00	39.46 2.09 0.00	32.25 1.84 0.00	31.68 1.95 0.00	31.77 2.08 0.00	31.73 2.44 0.00	42.60 3.42 0.00	32.35 2.60 0.00	28.41 2.22 0.00	33.03 2.22 0.00	30.40 1.71 0.00	24.74 1.29 0.00	24.24 1.10 0.00
HUDSON AVE_GT_5 23657	22.65 0.61 0.00	20.73 0.61 0.00	20.48 0.62 0.00	18.98 0.56 0.00	19.89 0.61 0.00	22.82 0.72 0.00	23.90 1.04 0.00	27.10 1.41 0.53	38.37 1.96 3.76	28.44 1.48 0.00	39.81 1.98 0.00	34.72 1.72 0.00	39.46 2.09 0.00	32.25 1.84 0.00	31.68 1.95 0.00	31.77 2.08 0.00	31.73 2.44 0.00	42.60 3.42 0.00	32.35 2.60 0.00	28.41 2.22 0.00	33.03 2.22 0.00	30.40 1.71 0.00	24.74 1.29 0.00	24.24 1.10 0.00
HUDSON_AVE_10 24168	22.58 0.55 0.00	20.67 0.54 0.00	20.41 0.55 0.00	18.92 0.49 0.00	19.83 0.54 0.00	22.75 0.66 0.00	23.83 0.97 0.00	27.02 1.32 0.53	38.19 1.79 3.76	28.34 1.38 0.00	39.66 1.83 0.00	34.60 1.60 0.00	39.30 1.94 0.00	32.13 1.72 0.00	31.57 1.84 0.00	31.67 1.98 0.00	31.63 2.34 0.00	42.46 3.28 0.00	32.25 2.50 0.00	28.33 2.14 0.00	32.93 2.11 0.00	30.30 1.61 0.00	24.66 1.21 0.00	24.16 1.02 0.00
HUDSON___115KV_TB 4 355613	22.51 0.48 0.00	20.61 0.49 0.00	20.33 0.47 0.00	18.90 0.48 0.00	19.82 0.53 0.00	22.66 0.57 0.00	23.59 0.73 0.00	26.86 1.06 0.43	38.84 1.70 3.02	28.11 1.15 0.00	39.26 1.43 0.00	34.18 1.18 0.00	38.64 1.27 0.00	31.37 0.95 0.00	30.68 0.95 0.00	30.81 1.12 0.00	30.74 1.45 0.00	41.34 2.16 0.00	31.42 1.67 0.00	27.62 1.43 0.00	32.24 1.42 0.00	29.84 1.14 0.00	24.27 0.81 0.00	23.80 0.67 0.00
HUNTER MOUNT___DRP 323613	22.67 0.63 0.00	20.75 0.63 0.00	20.46 0.60 0.00	19.03 0.61 0.00	19.95 0.67 0.00	22.83 0.74 0.00	23.74 0.88 0.00	27.03 1.25 0.45	39.06 2.04 3.14	28.31 1.35 0.00	39.52 1.69 0.00	34.38 1.39 0.00	38.83 1.46 0.00	31.45 1.03 0.00	30.74 1.02 0.00	30.91 1.21 0.00	30.88 1.59 0.00	41.57 2.39 0.00	31.60 1.85 0.00	27.78 1.59 0.00	32.43 1.61 0.00	30.03 1.34 0.00	24.41 0.95 0.00	23.94 0.80 0.00
HUNTINGTON_RES_REC 323705	22.80 0.76 0.00	20.84 0.71 0.00	20.60 0.74 0.00	19.10 0.68 0.00	20.03 0.75 0.00	23.04 0.95 0.00	24.08 1.22 0.00	27.19 1.50 0.53	38.58 2.18 3.76	28.76 1.80 0.00	40.52 2.69 0.00	35.02 2.02 0.00	39.74 2.38 0.00	32.59 2.17 0.00	32.04 2.32 0.00	37.16 2.60 -4.86	36.46 2.94 -4.23	43.11 3.93 0.00	32.51 2.76 0.00	28.60 2.41 0.00	33.31 2.50 0.00	30.54 1.85 0.00	25.00 1.54 0.00	24.73 1.60 0.00
HUNTLEY___63 23557	20.88 -1.16 0.00	18.91 -1.22 0.00	18.70 -1.17 0.00	17.33 -1.09 0.00	18.13 -1.15 0.00	20.88 -1.21 0.00	21.22 -1.65 0.00	21.67 -2.42 2.14	21.44 -3.67 15.04	24.76 -2.20 0.00	34.83 -3.00 0.00	30.34 -2.66 0.00	34.21 -3.16 0.00	27.94 -2.47 0.00	27.12 -2.61 0.00	27.08 -2.62 0.00	27.03 -2.26 0.00	36.27 -2.91 0.00	27.36 -2.39 0.00	23.96 -2.23 0.00	28.15 -2.67 0.00	26.58 -2.11 0.00	21.87 -1.59 0.00	21.77 -1.37 0.00
HUNTLEY___64 23558	20.88 -1.16 0.00	18.91 -1.22 0.00	18.70 -1.17 0.00	17.33 -1.09 0.00	18.13 -1.15 0.00	20.88 -1.21 0.00	21.22 -1.65 0.00	21.67 -2.42 2.14	21.44 -3.67 15.04	24.76 -2.20 0.00	34.83 -3.00 0.00	30.34 -2.66 0.00	34.21 -3.16 0.00	27.94 -2.47 0.00	27.12 -2.61 0.00	27.08 -2.62 0.00	27.03 -2.26 0.00	36.27 -2.91 0.00	27.36 -2.39 0.00	23.96 -2.23 0.00	28.15 -2.67 0.00	26.58 -2.11 0.00	21.87 -1.59 0.00	21.77 -1.37 0.00
HUNTLEY___65 23559	20.88 -1.16 0.00	18.91 -1.22 0.00	18.70 -1.17 0.00	17.33 -1.09 0.00	18.13 -1.15 0.00	20.88 -1.21 0.00	21.22 -1.65 0.00	21.67 -2.42 2.14	21.44 -3.67 15.04	24.76 -2.20 0.00	34.83 -3.00 0.00	30.34 -2.66 0.00	34.21 -3.16 0.00	27.94 -2.47 0.00	27.12 -2.61 0.00	27.08 -2.62 0.00	27.03 -2.26 0.00	36.27 -2.91 0.00	27.36 -2.39 0.00	23.96 -2.23 0.00	28.15 -2.67 0.00	26.58 -2.11 0.00	21.87 -1.59 0.00	21.77 -1.37 0.00
HUNTLEY___66 23560	20.88 -1.16 0.00	18.91 -1.22 0.00	18.70 -1.17 0.00	17.33 -1.09 0.00	18.13 -1.15 0.00	20.88 -1.21 0.00	21.22 -1.65 0.00	21.67 -2.42 2.14	21.44 -3.67 15.04	24.76 -2.20 0.00	34.83 -3.00 0.00	30.34 -2.66 0.00	34.21 -3.16 0.00	27.94 -2.47 0.00	27.12 -2.61 0.00	27.08 -2.62 0.00	27.03 -2.26 0.00	36.27 -2.91 0.00	27.36 -2.39 0.00	23.96 -2.23 0.00	28.15 -2.67 0.00	26.58 -2.11 0.00	21.87 -1.59 0.00	21.77 -1.37 0.00
HUNTLEY___67 23561	20.78 -1.25 0.00	18.82 -1.31 0.00	18.59 -1.27 0.00	17.23 -1.19 0.00	18.02 -1.26 0.00	20.74 -1.36 0.00	21.09 -1.77 0.00	21.54 -2.55 2.14	21.29 -3.85 15.02	24.71 -2.25 0.00	34.78 -3.05 0.00	30.31 -2.69 0.00	34.20 -3.17 0.00	27.91 -2.50 0.00	27.10 -2.63 0.00	27.04 -2.65 0.00	26.95 -2.34 0.00	36.18 -3.00 0.00	27.29 -2.46 0.00	23.91 -2.27 0.00	28.09 -2.73 0.00	26.49 -2.20 0.00	21.82 -1.63 0.00	21.73 -1.40 0.00
HUNTLEY___68 23562	20.78 -1.25 0.00	18.82 -1.31 0.00	18.59 -1.27 0.00	17.23 -1.19 0.00	18.02 -1.26 0.00	20.74 -1.36 0.00	21.09 -1.77 0.00	21.54 -2.55 2.14	21.29 -3.85 15.02	24.71 -2.25 0.00	34.78 -3.05 0.00	30.31 -2.69 0.00	34.20 -3.17 0.00	27.91 -2.50 0.00	27.10 -2.63 0.00	27.04 -2.65 0.00	26.95 -2.34 0.00	36.18 -3.00 0.00	27.29 -2.46 0.00	23.91 -2.27 0.00	28.09 -2.73 0.00	26.49 -2.20 0.00	21.82 -1.63 0.00	21.73 -1.40 0.00



HYLAND___LFGE 323620	22.89 0.85 0.00	20.57 0.61 0.17	20.44 0.61 0.03	18.97 0.55 0.00	19.64 0.36 0.00	22.47 0.38 0.00	23.14 0.27 0.00	24.32 0.10 2.00	26.48 -0.15 13.53	27.02 0.06 0.00	37.73 -0.10 0.00	32.89 -0.10 0.00	37.21 -0.16 0.00	30.32 -0.09 0.00	29.64 -0.08 0.00	29.72 0.03 0.00	29.88 0.59 0.00	40.44 1.27 0.00	30.60 0.85 0.00	26.69 0.50 0.00	31.33 0.51 0.00	29.05 0.35 0.00	23.77 0.31 0.00	23.65 0.52 0.00
INDECK___CORINTH 23802	22.65 0.61 0.00	20.69 0.56 0.00	20.50 0.64 0.00	19.05 0.62 0.00	19.95 0.66 0.00	23.11 1.01 0.00	24.12 1.26 0.00	27.53 1.71 0.40	40.03 2.70 2.82	28.80 1.84 0.00	40.26 2.43 0.00	34.85 1.85 0.00	39.09 1.72 0.00	31.50 1.09 0.00	30.39 0.66 0.00	30.47 0.78 0.00	30.30 1.02 0.00	40.62 1.44 0.00	30.94 1.19 0.00	27.19 1.00 0.00	31.48 0.66 0.00	29.18 0.49 0.00	23.75 0.29 0.00	23.24 0.11 0.00
INDECK___ILION 23567	21.94 -0.10 0.00	20.07 -0.06 0.00	19.78 -0.08 0.00	18.36 -0.06 0.00	19.24 -0.04 0.00	22.03 -0.07 0.00	22.89 0.03 0.00	26.21 0.27 0.28	38.79 0.60 1.98	27.20 0.24 0.00	38.06 0.23 0.00	33.11 0.11 0.00	37.43 0.06 0.00	30.41 0.00 0.00	29.84 0.11 0.00	29.87 0.18 0.00	29.67 0.38 0.00	39.84 0.67 0.00	30.33 0.58 0.00	26.70 0.51 0.00	31.22 0.40 0.00	28.86 0.17 0.00	23.54 0.08 0.00	23.07 -0.06 0.00
INDECK___OLEAN 23982	22.10 0.07 0.00	19.56 -0.10 0.46	19.66 -0.10 0.09	18.28 -0.14 0.00	19.16 -0.12 0.00	21.98 -0.11 0.00	22.48 -0.38 0.00	23.50 -0.64 2.08	20.75 -1.25 18.15	26.53 -0.43 0.00	37.56 -0.27 0.00	32.91 -0.09 0.00	37.32 -0.05 0.00	30.46 0.05 0.00	29.78 0.05 0.00	29.50 -0.19 0.00	29.19 -0.10 0.00	39.27 0.09 0.00	29.70 -0.04 0.00	26.02 -0.17 0.00	30.34 -0.47 0.00	28.44 -0.25 0.00	23.50 0.04 0.00	23.28 0.15 0.00
INDECK___OSWEGO 23783	21.40 -0.63 0.00	19.53 -0.59 0.00	19.27 -0.59 0.00	17.89 -0.54 0.00	18.72 -0.56 0.00	21.46 -0.64 0.00	22.17 -0.69 0.00	23.13 -0.91 2.18	23.25 -1.56 15.36	25.98 -0.98 0.00	36.52 -1.31 0.00	31.84 -1.16 0.00	36.02 -1.35 0.00	29.35 -1.06 0.00	28.71 -1.01 0.00	28.70 -0.99 0.00	28.52 -0.77 0.00	38.20 -0.98 0.00	28.99 -0.76 0.00	25.49 -0.70 0.00	29.86 -0.96 0.00	27.74 -0.95 0.00	22.70 -0.76 0.00	22.45 -0.68 0.00
INDECK___YERKES 23781	20.90 -1.14 0.00	18.61 -1.20 0.32	18.65 -1.15 0.06	17.35 -1.07 0.00	18.16 -1.13 0.00	20.90 -1.19 0.00	21.24 -1.62 0.00	21.70 -2.39 2.14	19.07 -3.66 17.42	24.75 -2.21 0.00	34.83 -3.00 0.00	30.33 -2.67 0.00	34.20 -3.17 0.00	27.94 -2.48 0.00	27.12 -2.61 0.00	27.07 -2.62 0.00	27.03 -2.26 0.00	36.27 -2.91 0.00	27.36 -2.39 0.00	23.96 -2.23 0.00	28.15 -2.67 0.00	26.57 -2.12 0.00	21.86 -1.60 0.00	21.76 -1.37 0.00
INDIAN POINT_GT_1 24139	22.50 0.47 0.00	20.60 0.47 0.00	20.34 0.48 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.71 0.61 0.00	23.74 0.88 0.00	26.90 1.21 0.54	38.10 1.73 3.79	28.22 1.26 0.00	39.53 1.70 0.00	34.46 1.46 0.00	39.15 1.78 0.00	31.97 1.56 0.00	31.39 1.66 0.00	31.47 1.77 0.00	31.42 2.14 0.00	42.20 3.03 0.00	32.04 2.29 0.00	28.15 1.97 0.00	32.74 1.93 0.00	30.15 1.46 0.00	24.57 1.12 0.00	24.08 0.95 0.00
INDIAN POINT_GT_2 23659	22.50 0.47 0.00	20.60 0.47 0.00	20.34 0.48 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.71 0.61 0.00	23.74 0.88 0.00	26.90 1.21 0.54	38.10 1.73 3.79	28.22 1.26 0.00	39.53 1.70 0.00	34.46 1.46 0.00	39.15 1.78 0.00	31.97 1.56 0.00	31.39 1.66 0.00	31.47 1.77 0.00	31.42 2.14 0.00	42.20 3.03 0.00	32.04 2.29 0.00	28.15 1.97 0.00	32.74 1.93 0.00	30.15 1.46 0.00	24.57 1.12 0.00	24.08 0.95 0.00
INDIAN POINT_GT_3 24019	22.50 0.47 0.00	20.60 0.47 0.00	20.34 0.48 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.71 0.61 0.00	23.74 0.88 0.00	26.90 1.21 0.54	38.10 1.73 3.79	28.22 1.26 0.00	39.53 1.70 0.00	34.46 1.46 0.00	39.15 1.78 0.00	31.97 1.56 0.00	31.39 1.66 0.00	31.47 1.77 0.00	31.42 2.14 0.00	42.20 3.03 0.00	32.04 2.29 0.00	28.15 1.97 0.00	32.74 1.93 0.00	30.15 1.46 0.00	24.57 1.12 0.00	24.08 0.95 0.00
INDIAN POINT___2 23530	22.48 0.44 0.00	20.58 0.45 0.00	20.32 0.46 0.00	18.85 0.43 0.00	19.77 0.48 0.00	22.70 0.60 0.00	23.73 0.87 0.00	26.88 1.20 0.54	38.04 1.71 3.83	28.19 1.23 0.00	39.49 1.67 0.00	34.45 1.45 0.00	39.13 1.76 0.00	31.95 1.54 0.00	31.38 1.65 0.00	31.44 1.75 0.00	31.40 2.11 0.00	42.18 3.01 0.00	32.02 2.27 0.00	28.14 1.94 0.00	32.72 1.90 0.00	30.13 1.44 0.00	24.55 1.09 0.00	24.06 0.93 0.00
INDIAN POINT___3 23531	22.49 0.46 0.00	20.58 0.46 0.00	20.33 0.47 0.00	18.85 0.43 0.00	19.77 0.48 0.00	22.70 0.60 0.00	23.73 0.87 0.00	26.88 1.19 0.54	38.07 1.70 3.79	28.19 1.23 0.00	39.50 1.67 0.00	34.45 1.45 0.00	39.11 1.75 0.00	31.94 1.53 0.00	31.36 1.64 0.00	31.43 1.74 0.00	31.39 2.10 0.00	42.15 2.98 0.00	32.00 2.25 0.00	28.12 1.93 0.00	32.71 1.89 0.00	30.13 1.43 0.00	24.55 1.09 0.00	24.06 0.93 0.00
INGHAM_C_115KV_TB7 356103	21.66 -0.38 0.00	19.84 -0.29 0.00	19.53 -0.33 0.00	18.14 -0.28 0.00	19.03 -0.25 0.00	21.76 -0.34 0.00	22.71 -0.15 0.00	26.22 0.27 0.28	38.84 0.66 1.98	27.22 0.26 0.00	38.01 0.18 0.00	32.94 -0.06 0.00	37.16 -0.21 0.00	30.10 -0.31 0.00	29.64 -0.08 0.00	29.73 0.03 0.00	29.69 0.41 0.00	40.01 0.83 0.00	30.55 0.79 0.00	26.89 0.70 0.00	31.31 0.49 0.00	28.77 0.07 0.00	23.44 -0.01 0.00	22.83 -0.30 0.00
IP CORINTH___1 23988	22.65 0.61 0.00	20.69 0.56 0.00	20.50 0.64 0.00	19.05 0.62 0.00	19.95 0.67 0.00	23.11 1.01 0.00	24.12 1.26 0.00	27.53 1.71 0.40	40.02 2.68 2.82	28.79 1.84 0.00	40.26 2.43 0.00	34.85 1.85 0.00	39.12 1.76 0.00	31.57 1.16 0.00	30.53 0.80 0.00	30.63 0.94 0.00	30.47 1.18 0.00	40.85 1.67 0.00	31.11 1.36 0.00	27.34 1.15 0.00	31.65 0.84 0.00	29.34 0.65 0.00	23.87 0.42 0.00	23.37 0.23 0.00
IP___TICONDEROGA 23804	22.97 0.93 0.00	20.98 0.85 0.00	20.76 0.90 0.00	19.34 0.92 0.00	20.36 1.08 0.00	23.78 1.68 0.00	25.03 2.17 0.00	28.63 2.80 0.40	41.57 4.23 2.82	29.91 2.94 0.00	41.77 3.94 0.00	36.08 3.08 0.00	40.69 3.32 0.00	32.76 2.35 0.00	32.03 2.30 0.00	32.05 2.36 0.00	31.89 2.60 0.00	42.93 3.75 0.00	32.56 2.81 0.00	28.60 2.42 0.00	32.66 1.85 0.00	30.09 1.40 0.00	24.49 1.03 0.00	23.83 0.69 0.00
ISLIP_RES_REC 323679	23.14 1.11 0.00	21.15 1.02 0.00	20.91 1.05 0.00	19.38 0.96 0.00	20.34 1.06 0.00	23.41 1.32 0.00	24.37 1.52 0.00	27.54 1.84 0.53	39.15 2.75 3.76	29.28 2.31 0.00	41.06 3.23 0.00	35.44 2.44 0.00	40.23 2.86 0.00	33.00 2.59 0.00	32.41 2.68 0.00	37.61 3.06 -4.86	36.93 3.41 -4.23	43.81 4.63 0.00	33.02 3.27 0.00	29.06 2.87 0.00	33.83 3.01 0.00	30.98 2.29 0.00	25.35 1.90 0.00	25.18 2.05 0.00

JAMAICA__27_KV_LOAD 355505	22.77 0.74 0.00	20.84 0.72 0.00	20.58 0.71 0.00	19.07 0.65 0.00	19.99 0.70 0.00	22.94 0.84 0.00	24.05 1.19 0.00	27.24 1.54 0.53	38.41 2.01 3.76	28.56 1.60 0.00	39.91 2.08 0.00	34.84 1.84 0.00	39.57 2.20 0.00	32.36 1.94 0.00	31.82 2.09 0.00	31.91 2.22 0.00	31.90 2.62 0.00	42.81 3.64 0.00	32.54 2.79 0.00	28.59 2.40 0.00	33.23 2.42 0.00	30.58 1.89 0.00	24.89 1.43 0.00	24.37 1.24 0.00
JANIS__SOLAR 323808	22.97 0.93 0.00	21.02 0.80 -0.10	20.64 0.77 -0.02	19.13 0.71 0.00	19.98 0.70 0.00	22.96 0.87 0.00	23.77 0.91 0.00	25.60 1.10 1.72	30.10 1.48 11.54	28.15 1.19 0.00	39.47 1.64 0.00	34.42 1.42 0.00	39.09 1.72 0.00	31.66 1.25 0.00	31.15 1.42 0.00	31.05 1.36 0.00	30.99 1.70 0.00	41.70 2.52 0.00	31.78 2.03 0.00	27.85 1.66 0.00	32.56 1.75 0.00	30.15 1.46 0.00	24.60 1.14 0.00	24.27 1.13 0.00
JARVIS____ 23743	22.03 0.00 0.00	20.14 0.01 0.00	19.88 0.02 0.00	18.44 0.02 0.00	19.31 0.02 0.00	22.12 0.02 0.00	22.91 0.05 0.00	26.08 0.13 0.28	38.56 0.38 1.98	27.06 0.09 0.00	37.93 0.10 0.00	33.08 0.08 0.00	37.44 0.07 0.00	30.47 0.06 0.00	29.82 0.09 0.00	29.82 0.13 0.00	29.51 0.22 0.00	39.53 0.35 0.00	30.03 0.28 0.00	26.43 0.24 0.00	31.00 0.18 0.00	28.78 0.08 0.00	23.48 0.02 0.00	23.12 -0.01 0.00
JENNISON____1 23625	22.81 0.77 0.00	20.78 0.65 0.00	20.48 0.62 0.00	19.02 0.60 0.00	19.67 0.39 0.00	22.51 0.41 0.00	23.26 0.40 0.00	25.26 0.53 1.50	30.29 0.70 10.57	27.67 0.71 0.00	38.73 0.90 0.00	33.88 0.88 0.00	38.92 1.55 0.00	31.15 0.73 0.00	30.72 0.99 0.00	30.49 0.80 0.00	30.36 1.07 0.00	41.02 1.84 0.00	31.39 1.64 0.00	27.56 1.37 0.00	32.22 1.41 0.00	29.94 1.25 0.00	24.31 0.85 0.00	24.00 0.87 0.00
JENNISON____2 23626	22.81 0.77 0.00	20.78 0.65 0.00	20.48 0.62 0.00	19.02 0.60 0.00	19.67 0.39 0.00	22.51 0.41 0.00	23.26 0.40 0.00	25.26 0.53 1.50	30.29 0.70 10.57	27.67 0.71 0.00	38.73 0.90 0.00	33.88 0.88 0.00	38.92 1.55 0.00	31.15 0.73 0.00	30.72 0.99 0.00	30.49 0.80 0.00	30.36 1.07 0.00	41.02 1.84 0.00	31.39 1.64 0.00	27.56 1.37 0.00	32.22 1.41 0.00	29.94 1.25 0.00	24.31 0.85 0.00	24.00 0.87 0.00
JERICOHO_RISE_WT_PWR 323719	23.05 1.01 0.00	21.05 0.92 0.00	20.74 0.88 0.00	19.22 0.80 0.00	20.09 0.81 0.00	22.95 0.85 0.00	23.71 0.84 0.00	26.95 0.88 0.16	40.14 1.09 1.11	27.82 0.86 0.00	38.99 1.16 0.00	33.99 0.99 0.00	38.38 1.01 0.00	31.12 0.70 0.00	30.19 0.46 0.00	29.78 0.09 0.00	28.69 -0.60 0.00	37.82 -1.36 0.00	28.71 -1.04 0.00	25.11 -1.08 0.00	29.92 -0.89 0.00	28.47 -0.22 0.00	23.42 -0.03 0.00	23.57 0.43 0.00
KATONAH__115KV_46KV_TB4 355592	22.63 0.60 0.00	20.72 0.59 0.00	20.45 0.59 0.00	18.97 0.55 0.00	19.89 0.60 0.00	22.84 0.75 0.00	23.90 1.04 0.00	27.10 1.40 0.53	38.47 2.03 3.72	28.43 1.47 0.00	39.81 1.98 0.00	34.70 1.70 0.00	39.40 2.03 0.00	32.17 1.76 0.00	31.58 1.86 0.00	31.67 1.97 0.00	31.63 2.34 0.00	42.51 3.33 0.00	32.29 2.54 0.00	28.38 2.18 0.00	32.98 2.17 0.00	30.38 1.69 0.00	24.74 1.28 0.00	24.23 1.10 0.00
KCE_NY_1 323755	22.70 0.67 0.00	20.75 0.62 0.00	20.49 0.63 0.00	19.03 0.61 0.00	19.95 0.67 0.00	22.96 0.87 0.00	23.90 1.04 0.00	27.23 1.40 0.40	39.54 2.21 2.82	28.44 1.48 0.00	39.78 1.95 0.00	34.57 1.57 0.00	39.02 1.65 0.00	31.65 1.24 0.00	30.86 1.13 0.00	30.95 1.26 0.00	30.79 1.50 0.00	41.31 2.13 0.00	31.41 1.66 0.00	27.62 1.43 0.00	32.16 1.34 0.00	29.78 1.09 0.00	24.26 0.80 0.00	23.79 0.66 0.00
KCE_NY_6_ESR 323823	21.16 -0.87 0.00	18.79 -0.97 0.36	18.83 -0.96 0.07	17.51 -0.92 0.00	18.31 -0.97 0.00	21.07 -1.02 0.00	21.44 -1.42 0.00	21.96 -2.14 2.13	19.29 -3.24 17.63	25.17 -1.79 0.00	35.46 -2.36 0.00	30.89 -2.11 0.00	34.87 -2.50 0.00	28.47 -1.94 0.00	27.67 -2.06 0.00	27.59 -2.11 0.00	27.49 -1.80 0.00	36.92 -2.26 0.00	27.87 -1.88 0.00	24.43 -1.76 0.00	28.68 -2.14 0.00	27.08 -1.61 0.00	22.29 -1.16 0.00	22.17 -0.96 0.00
KEDC_PORT_JEFF_GT2 24210	23.02 0.99 0.00	21.05 0.92 0.00	20.81 0.95 0.00	19.29 0.86 0.00	20.23 0.95 0.00	23.28 1.19 0.00	24.24 1.38 0.00	27.36 1.66 0.53	38.86 2.46 3.76	29.06 2.10 0.00	40.77 2.94 0.00	35.20 2.20 0.00	39.98 2.61 0.00	32.79 2.38 0.00	32.20 2.48 0.00	37.34 2.81 -4.83	36.64 3.16 -4.20	43.32 4.14 0.00	32.67 2.92 0.00	28.81 2.62 0.00	33.55 2.74 0.00	30.75 2.06 0.00	25.17 1.72 0.00	25.00 1.87 0.00
KEDC_PORT_JEFF_GT3 24211	23.02 0.99 0.00	21.05 0.92 0.00	20.81 0.95 0.00	19.29 0.86 0.00	20.23 0.95 0.00	23.28 1.19 0.00	24.24 1.38 0.00	27.36 1.66 0.53	38.86 2.46 3.76	29.06 2.10 0.00	40.77 2.94 0.00	35.20 2.20 0.00	39.98 2.61 0.00	32.79 2.38 0.00	32.20 2.48 0.00	37.34 2.81 -4.83	36.64 3.16 -4.20	43.32 4.14 0.00	32.67 2.92 0.00	28.81 2.62 0.00	33.55 2.74 0.00	30.75 2.06 0.00	25.17 1.72 0.00	25.00 1.87 0.00
KEDC_GLWD_GT4 24219	22.72 0.69 0.00	20.80 0.67 0.00	20.54 0.68 0.00	19.04 0.63 0.00	19.97 0.69 0.00	22.95 0.85 0.00	24.03 1.17 0.00	27.21 1.52 0.53	38.62 2.22 3.76	28.64 1.68 0.00	40.21 2.38 0.00	34.91 1.91 0.00	39.69 2.32 0.00	32.46 2.05 0.00	31.88 2.15 0.00	39.88 2.32 -7.86	39.09 2.59 -7.21	42.76 3.58 0.00	32.38 2.63 0.00	28.45 2.26 0.00	33.13 2.31 0.00	30.56 1.86 0.00	24.92 1.46 0.00	24.46 1.33 0.00
KEDC_GLWD_GT5 24220	22.72 0.69 0.00	20.80 0.67 0.00	20.54 0.68 0.00	19.04 0.63 0.00	19.97 0.69 0.00	22.95 0.85 0.00	24.03 1.17 0.00	27.21 1.52 0.53	38.62 2.22 3.76	28.64 1.68 0.00	40.21 2.38 0.00	34.91 1.91 0.00	39.69 2.32 0.00	32.46 2.05 0.00	31.88 2.15 0.00	39.88 2.32 -7.86	39.09 2.59 -7.21	42.76 3.58 0.00	32.38 2.63 0.00	28.45 2.26 0.00	33.13 2.31 0.00	30.56 1.86 0.00	24.92 1.46 0.00	24.46 1.33 0.00
KENSICO____ 23655	22.56 0.53 0.00	20.64 0.51 0.00	20.38 0.52 0.00	18.90 0.48 0.00	19.81 0.53 0.00	22.75 0.65 0.00	23.79 0.93 0.00	26.97 1.27 0.54	38.21 1.82 3.77	28.29 1.33 0.00	39.62 1.79 0.00	34.55 1.55 0.00	39.24 1.87 0.00	32.05 1.64 0.00	31.47 1.74 0.00	31.55 1.86 0.00	31.50 2.22 0.00	42.31 3.13 0.00	32.12 2.37 0.00	28.22 2.03 0.00	32.82 2.01 0.00	30.23 1.54 0.00	24.62 1.16 0.00	24.13 1.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.83 0.80 0.00	20.86 0.74 0.00	20.60 0.74 0.00	19.10 0.68 0.00	20.02 0.74 0.00	23.04 0.94 0.00	24.08 1.22 0.00	27.26 1.59 0.55	38.61 2.35 3.90	28.62 1.66 0.00	40.07 2.24 0.00	34.88 1.89 0.00	39.66 2.29 0.00	32.44 2.03 0.00	31.86 2.13 0.00	31.93 2.23 0.00	31.91 2.63 0.00	42.90 3.72 0.00	32.57 2.82 0.00	28.61 2.42 0.00	33.30 2.48 0.00	30.67 1.98 0.00	24.98 1.52 0.00	24.47 1.33 0.00

KIAC_JFK_GT1 23816	22.70 0.66 0.00	20.78 0.66 0.00	20.51 0.66 0.00	19.02 0.60 0.00	19.93 0.65 0.00	22.87 0.77 0.00	23.97 1.11 0.00	27.14 1.45 0.53	38.28 1.88 3.76	28.47 1.51 0.00	39.78 1.95 0.00	34.73 1.73 0.00	39.44 2.08 0.00	32.25 1.84 0.00	31.70 1.98 0.00	31.81 2.11 0.00	31.78 2.50 0.00	42.66 3.48 0.00	32.42 2.67 0.00	28.48 2.29 0.00	33.10 2.29 0.00	30.47 1.78 0.00	24.80 1.34 0.00	24.29 1.15 0.00
KIAC_JFK_GT2 23817	22.70 0.66 0.00	20.78 0.66 0.00	20.51 0.66 0.00	19.02 0.60 0.00	19.93 0.65 0.00	22.87 0.77 0.00	23.97 1.11 0.00	27.14 1.45 0.53	38.28 1.88 3.76	28.47 1.51 0.00	39.78 1.95 0.00	34.73 1.73 0.00	39.44 2.08 0.00	32.25 1.84 0.00	31.70 1.98 0.00	31.81 2.11 0.00	31.78 2.50 0.00	42.66 3.48 0.00	32.42 2.67 0.00	28.48 2.29 0.00	33.10 2.29 0.00	30.47 1.78 0.00	24.80 1.34 0.00	24.29 1.15 0.00
KIAC_JFK____ 323774	22.70 0.66 0.00	20.78 0.66 0.00	20.52 0.66 0.00	19.02 0.60 0.00	19.92 0.64 0.00	22.87 0.77 0.00	23.97 1.11 0.00	27.14 1.45 0.53	38.30 1.91 3.76	28.46 1.50 0.00	39.77 1.95 0.00	34.73 1.73 0.00	39.44 2.08 0.00	32.25 1.84 0.00	31.70 1.98 0.00	31.80 2.11 0.00	31.78 2.49 0.00	42.66 3.48 0.00	32.42 2.67 0.00	28.48 2.29 0.00	33.10 2.29 0.00	30.47 1.78 0.00	24.80 1.34 0.00	24.29 1.15 0.00
KINTIGH____ 23543	20.69 -1.34 0.00	18.75 -1.38 0.00	18.54 -1.32 0.00	17.19 -1.23 0.00	17.99 -1.29 0.00	20.67 -1.42 0.00	21.09 -1.77 0.00	21.62 -2.44 2.17	21.11 -3.77 15.27	24.74 -2.22 0.00	34.85 -2.98 0.00	30.39 -2.61 0.00	34.32 -3.05 0.00	27.98 -2.43 0.00	27.20 -2.53 0.00	27.15 -2.55 0.00	27.01 -2.28 0.00	36.26 -2.92 0.00	27.37 -2.38 0.00	23.98 -2.21 0.00	28.14 -2.68 0.00	26.40 -2.29 0.00	21.73 -1.73 0.00	21.63 -1.51 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.39 1.36 0.00	21.35 1.22 0.00	21.02 1.16 0.00	19.49 1.06 0.00	20.39 1.11 0.00	23.27 1.17 0.00	24.06 1.20 0.00	27.48 1.40 0.14	40.99 1.83 1.00	28.34 1.38 0.00	39.65 1.82 0.00	34.53 1.54 0.00	38.98 1.61 0.00	31.56 1.15 0.00	30.68 0.95 0.00	30.30 0.61 0.00	29.21 -0.07 0.00	38.46 -0.72 0.00	29.25 -0.50 0.00	25.54 -0.65 0.00	30.36 -0.46 0.00	28.91 0.22 0.00	23.75 0.29 0.00	23.92 0.79 0.00
LACHUTE____HYDRO 323717	22.97 0.93 0.00	20.98 0.85 0.00	20.76 0.90 0.00	19.34 0.92 0.00	20.36 1.08 0.00	23.78 1.68 0.00	25.03 2.17 0.00	28.63 4.23 0.40	41.57 2.94 2.82	29.91 3.94 0.00	41.77 3.09 0.00	36.08 3.32 0.00	40.69 3.32 0.00	32.77 2.35 0.00	32.03 2.30 0.00	32.05 2.36 0.00	31.89 2.60 0.00	42.93 3.76 0.00	32.56 2.81 0.00	28.60 2.42 0.00	32.66 1.85 0.00	30.09 1.40 0.00	24.49 1.03 0.00	23.83 0.69 0.00
LAWRNCALV_115KV_TB1 80681	22.64 0.61 0.00	20.66 0.54 0.00	20.40 0.54 0.00	18.90 0.48 0.00	19.67 0.39 0.00	22.36 0.27 0.00	23.06 0.20 0.00	25.97 0.06 0.31	37.88 -0.07 2.21	26.99 0.03 0.00	38.03 0.20 0.00	33.35 0.35 0.00	37.74 0.37 0.00	30.64 0.23 0.00	29.79 0.06 0.00	29.63 -0.07 0.00	28.59 -0.70 0.00	38.00 -1.18 0.00	28.77 -0.98 0.00	25.39 -0.80 0.00	30.41 -0.41 0.00	28.87 0.18 0.00	23.77 0.31 0.00	23.54 0.40 0.00
LEDERLE____ 23769	22.57 0.53 0.00	20.65 0.52 0.00	20.40 0.54 0.00	18.92 0.50 0.00	19.85 0.56 0.00	22.81 0.71 0.00	23.85 0.99 0.00	27.01 1.34 0.55	38.20 1.92 3.88	28.33 1.37 0.00	39.71 1.88 0.00	34.63 1.63 0.00	39.34 1.97 0.00	32.13 1.71 0.00	31.55 1.82 0.00	31.60 1.91 0.00	31.58 2.29 0.00	42.43 3.25 0.00	32.20 2.45 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.29 1.60 0.00	24.67 1.21 0.00	24.18 1.05 0.00
LIGHTHSE_115KV_TB6 355974	21.49 -0.55 0.00	19.63 -0.50 0.00	19.40 -0.46 0.00	18.00 -0.42 0.00	18.82 -0.46 0.00	21.58 -0.52 0.00	22.36 -0.50 0.00	23.63 -0.68 1.92	25.45 -1.24 13.47	26.21 -0.75 0.00	36.72 -1.11 0.00	31.95 -1.05 0.00	36.06 -1.31 0.00	29.35 -1.06 0.00	28.69 -1.04 0.00	28.69 -1.01 0.00	28.64 -0.65 0.00	38.30 -0.88 0.00	29.01 -0.74 0.00	25.52 -0.67 0.00	29.96 -0.85 0.00	27.82 -0.87 0.00	22.68 -0.77 0.00	22.51 -0.62 0.00
LINDEN COGEN____ 23786	22.48 0.44 0.00	20.59 0.46 0.00	20.35 0.49 0.00	18.86 0.43 0.00	19.76 0.48 0.00	22.66 0.56 0.00	23.73 0.87 0.00	26.91 1.21 0.53	38.06 1.66 3.76	28.21 1.25 0.00	39.47 1.64 0.00	34.44 1.44 0.00	39.14 1.77 0.00	31.99 1.58 0.00	31.43 1.70 0.00	31.52 1.83 0.00	31.48 2.20 0.00	42.26 3.09 0.00	32.09 2.34 0.00	28.20 2.01 0.00	32.77 1.95 0.00	30.16 1.47 0.00	24.55 1.09 0.00	24.05 0.91 0.00
LINDHRST_69_KV_BK1 356055	22.97 0.94 0.00	21.01 0.88 0.00	20.77 0.91 0.00	19.25 0.83 0.00	20.19 0.91 0.00	23.23 1.14 0.00	24.32 1.46 0.00	27.50 1.81 0.53	39.06 2.66 3.76	29.08 2.12 0.00	40.90 3.07 0.00	35.32 2.32 0.00	40.12 2.75 0.00	32.88 2.47 0.00	32.35 2.62 0.00	37.88 2.87 -5.31	37.24 3.27 -4.68	43.62 4.44 0.00	32.93 3.18 0.00	28.95 2.76 0.00	33.72 2.90 0.00	30.95 2.26 0.00	25.28 1.82 0.00	24.92 1.78 0.00
LIPA_MISC_IPP 23656	23.05 1.01 0.00	21.07 0.94 0.00	20.83 0.97 0.00	19.30 0.89 0.00	20.26 0.98 0.00	23.31 1.21 0.00	24.12 1.26 0.00	27.19 1.50 0.53	38.64 2.24 3.76	29.02 2.06 0.00	40.56 2.73 0.00	34.99 1.99 0.00	39.78 2.41 0.00	32.65 2.23 0.00	32.03 2.30 0.00	37.17 2.66 -4.82	36.44 2.97 -4.18	43.17 3.99 0.00	32.55 2.80 0.00	28.64 2.45 0.00	33.35 2.53 0.00	30.54 1.85 0.00	25.03 1.57 0.00	25.03 1.89 0.00
LISF__SOLAR 323691	23.09 1.05 0.00	21.11 0.98 0.00	20.87 1.01 0.00	19.34 0.91 0.00	20.29 1.01 0.00	23.35 1.26 0.00	24.16 1.30 0.00	27.24 1.55 0.53	38.74 2.34 3.76	29.07 2.11 0.00	40.64 2.81 0.00	35.04 2.05 0.00	39.82 2.46 0.00	32.69 2.28 0.00	32.07 2.35 0.00	37.24 2.72 -4.82	36.52 3.05 -4.19	43.27 4.09 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.42 2.60 0.00	30.60 1.91 0.00	25.07 1.61 0.00	25.07 1.94 0.00
LITTLE FALLS____HYD 24013	21.66 -0.38 0.00	19.84 -0.29 0.00	19.53 -0.33 0.00	18.14 -0.28 0.00	19.03 -0.25 0.00	21.76 -0.34 0.00	22.71 -0.15 0.00	26.22 0.27 0.28	38.84 0.66 1.98	27.22 0.26 0.00	38.01 0.18 0.00	32.94 -0.06 0.00	37.16 -0.21 0.00	30.10 -0.31 0.00	29.64 -0.08 0.00	29.73 0.03 0.00	29.69 0.41 0.00	40.01 0.83 0.00	30.55 0.79 0.00	26.89 0.70 0.00	31.31 0.49 0.00	28.77 0.07 0.00	23.44 -0.01 0.00	22.83 -0.30 0.00
LITTLRIV_115KV_TB1 356100	22.91 0.87 0.00	20.90 0.77 0.00	20.63 0.77 0.00	19.11 0.69 0.00	19.91 0.63 0.00	22.64 0.54 0.00	23.40 0.54 0.00	26.41 0.52 0.33	38.44 0.63 2.35	27.46 0.49 0.00	38.68 0.85 0.00	33.93 0.93 0.00	38.43 1.07 0.00	31.21 0.79 0.00	30.34 0.61 0.00	30.14 0.45 0.00	29.11 -0.18 0.00	38.67 -0.51 0.00	29.25 -0.50 0.00	25.82 -0.37 0.00	30.93 0.11 0.00	29.34 0.65 0.00	24.11 0.66 0.00	23.85 0.72 0.00

LI_NEWBRDGE___DRP 323616	22.62 0.59 0.00	20.70 0.57 0.00	20.46 0.60 0.00	18.97 0.54 0.00	19.89 0.61 0.00	22.87 0.78 0.00	23.95 1.08 0.00	27.07 1.38 0.53	38.36 1.96 3.76	28.55 1.59 0.00	40.14 2.31 0.00	34.76 1.76 0.00	39.51 2.14 0.00	32.36 1.95 0.00	31.80 2.07 0.00	36.51 2.28 -4.54	35.81 2.62 -3.90	42.72 3.54 0.00	32.29 2.54 0.00	28.38 2.19 0.00	33.07 2.25 0.00	30.37 1.68 0.00	24.83 1.37 0.00	24.43 1.30 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.74 -1.30 0.00	18.76 -1.36 0.00	18.55 -1.31 0.00	17.20 -1.23 0.00	17.98 -1.30 0.00	20.71 -1.39 0.00	21.04 -1.82 0.00	21.43 -2.65 2.15	21.04 -4.01 15.11	24.55 -2.41 0.00	34.53 -3.30 0.00	30.09 -2.91 0.00	33.92 -3.45 0.00	27.69 -2.72 0.00	26.94 -2.79 0.00	26.92 -2.77 0.00	26.86 -2.43 0.00	36.05 -3.13 0.00	27.17 -2.58 0.00	23.80 -2.38 0.00	27.96 -2.85 0.00	26.46 -2.23 0.00	21.81 -1.64 0.00	21.74 -1.40 0.00
LOCKPORT___CC1 323769	20.72 -1.32 0.00	18.45 -1.39 0.29	18.46 -1.34 0.06	17.17 -1.25 0.00	17.97 -1.32 0.00	20.68 -1.41 0.00	21.01 -1.85 0.00	21.39 -2.68 2.15	18.82 -4.07 17.27	24.52 -2.44 0.00	34.49 -3.34 0.00	30.05 -2.95 0.00	33.88 -3.49 0.00	27.66 -2.75 0.00	26.88 -2.84 0.00	26.87 -2.82 0.00	26.80 -2.48 0.00	35.97 -3.21 0.00	27.11 -2.64 0.00	23.76 -2.43 0.00	27.92 -2.90 0.00	26.41 -2.28 0.00	21.77 -1.69 0.00	21.71 -1.43 0.00
LOCKPORT___CC2 323770	20.72 -1.32 0.00	18.45 -1.39 0.29	18.46 -1.34 0.06	17.17 -1.25 0.00	17.97 -1.32 0.00	20.68 -1.41 0.00	21.01 -1.85 0.00	21.39 -2.68 2.15	18.82 -4.07 17.27	24.52 -2.44 0.00	34.49 -3.34 0.00	30.05 -2.95 0.00	33.88 -3.49 0.00	27.66 -2.75 0.00	26.88 -2.84 0.00	26.87 -2.82 0.00	26.80 -2.48 0.00	35.97 -3.21 0.00	27.11 -2.64 0.00	23.76 -2.43 0.00	27.92 -2.90 0.00	26.41 -2.28 0.00	21.77 -1.69 0.00	21.71 -1.43 0.00
LOCKPORT___CC3 323771	20.72 -1.32 0.00	18.45 -1.39 0.29	18.46 -1.34 0.06	17.17 -1.25 0.00	17.97 -1.32 0.00	20.68 -1.41 0.00	21.01 -1.85 0.00	21.39 -2.68 2.15	18.82 -4.07 17.27	24.52 -2.44 0.00	34.49 -3.34 0.00	30.05 -2.95 0.00	33.88 -3.49 0.00	27.66 -2.75 0.00	26.88 -2.84 0.00	26.87 -2.82 0.00	26.80 -2.48 0.00	35.97 -3.21 0.00	27.11 -2.64 0.00	23.76 -2.43 0.00	27.92 -2.90 0.00	26.41 -2.28 0.00	21.77 -1.69 0.00	21.71 -1.43 0.00
LONG_LAKE_PHOENIX 24014	21.46 -0.58 0.00	19.58 -0.54 0.00	19.32 -0.54 0.00	17.92 -0.50 0.00	18.77 -0.51 0.00	21.53 -0.57 0.00	22.24 -0.62 0.00	23.20 -0.83 2.20	23.27 -1.45 15.43	26.07 -0.89 0.00	36.67 -1.16 0.00	31.98 -1.02 0.00	36.22 -1.15 0.00	29.53 -0.88 0.00	28.89 -0.83 0.00	28.88 -0.81 0.00	28.68 -0.61 0.00	38.44 -0.74 0.00	29.17 -0.58 0.00	25.64 -0.55 0.00	30.02 -0.80 0.00	27.89 -0.80 0.00	22.82 -0.63 0.00	22.57 -0.56 0.00
LOVETT___3 23632	22.47 0.44 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.84 0.42 0.00	19.75 0.47 0.00	22.70 0.60 0.00	23.72 0.86 0.00	26.86 1.18 0.55	37.98 1.68 3.87	28.17 1.21 0.00	39.48 1.65 0.00	34.43 1.44 0.00	39.11 1.75 0.00	31.94 1.53 0.00	31.37 1.64 0.00	31.42 1.73 0.00	31.39 2.10 0.00	42.16 2.99 0.00	32.01 2.26 0.00	28.12 1.94 0.00	32.71 1.89 0.00	30.12 1.43 0.00	24.54 1.08 0.00	24.05 0.92 0.00
LOVETT___4 23642	22.47 0.44 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.84 0.42 0.00	19.75 0.47 0.00	22.70 0.60 0.00	23.72 0.86 0.00	26.86 1.18 0.55	37.98 1.68 3.87	28.17 1.21 0.00	39.48 1.65 0.00	34.43 1.44 0.00	39.11 1.75 0.00	31.94 1.53 0.00	31.37 1.64 0.00	31.42 1.73 0.00	31.39 2.10 0.00	42.16 2.99 0.00	32.01 2.26 0.00	28.12 1.94 0.00	32.71 1.89 0.00	30.12 1.43 0.00	24.54 1.08 0.00	24.05 0.92 0.00
LOVETT___5 23593	22.47 0.44 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.84 0.42 0.00	19.75 0.47 0.00	22.70 0.60 0.00	23.72 0.86 0.00	26.86 1.18 0.55	37.98 1.68 3.87	28.17 1.21 0.00	39.48 1.65 0.00	34.43 1.44 0.00	39.11 1.75 0.00	31.94 1.53 0.00	31.37 1.64 0.00	31.42 1.73 0.00	31.39 2.10 0.00	42.16 2.99 0.00	32.01 2.26 0.00	28.12 1.94 0.00	32.71 1.89 0.00	30.12 1.43 0.00	24.54 1.08 0.00	24.05 0.92 0.00
LOWER RAQUET___HYD 24057	22.62 0.59 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.89 0.46 0.00	19.64 0.36 0.00	22.29 0.19 0.00	22.99 0.13 0.00	25.85 -0.03 0.35	37.48 -0.19 2.49	26.91 -0.05 0.00	37.93 0.10 0.00	33.25 0.25 0.00	37.62 0.25 0.12	30.53 0.12 0.00	29.69 -0.04 0.00	29.51 -0.19 0.00	28.47 -0.82 0.00	37.82 -1.36 0.00	28.62 -1.13 0.00	25.27 -0.92 0.00	30.30 -0.52 0.00	28.82 0.13 0.00	23.72 0.26 0.00	23.50 0.37 0.00
LOWER___HUDSON 24059	22.38 0.34 0.00	20.46 0.34 0.00	20.18 0.32 0.00	18.74 0.32 0.00	19.65 0.37 0.00	22.54 0.44 0.00	23.42 0.56 0.00	26.70 0.88 0.40	38.70 1.39 2.85	27.89 0.92 0.00	39.01 1.18 0.00	33.95 0.95 0.00	38.39 1.02 0.00	31.19 0.78 0.00	30.48 0.75 0.00	30.57 0.88 0.00	30.36 1.07 0.00	40.76 1.58 0.00	30.99 1.24 0.00	27.27 1.07 0.00	31.79 0.97 0.00	29.44 0.75 0.00	24.00 0.55 0.00	23.55 0.42 0.00
LOWVILLE_115KV_TB2 356335	22.16 0.13 0.00	20.28 0.16 0.00	20.13 0.27 0.00	18.68 0.25 0.00	19.49 0.21 0.00	22.30 0.20 0.00	23.20 0.34 0.00	25.71 0.34 0.85	34.59 0.44 6.00	27.27 0.30 0.00	37.97 0.14 0.00	32.90 -0.10 0.00	36.82 -0.55 0.00	29.92 -0.49 0.00	29.11 -0.61 0.00	29.23 -0.47 0.00	29.20 -0.09 0.00	39.05 -0.13 0.00	29.36 -0.39 0.00	26.04 -0.15 0.00	30.71 -0.10 0.00	28.59 -0.10 0.00	23.09 -0.37 0.00	23.02 -0.12 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.69 0.65 0.00	20.73 0.60 0.00	20.47 0.61 0.00	19.02 0.60 0.00	19.94 0.65 0.00	22.94 0.85 0.00	23.88 1.03 0.00	27.20 1.38 0.40	39.50 2.16 2.82	28.42 1.46 0.00	39.76 1.93 0.00	34.55 1.55 0.00	38.98 1.61 0.00	31.62 1.21 0.00	30.84 1.11 0.00	30.93 1.24 0.00	30.76 1.48 0.00	41.27 2.10 0.00	31.38 1.63 0.00	27.59 1.40 0.00	32.13 1.31 0.00	29.75 1.06 0.00	24.24 0.78 0.00	23.78 0.64 0.00
LUTHERNY_35_KV_BK2 355980	22.70 0.67 0.00	20.75 0.62 0.00	20.49 0.63 0.00	19.03 0.61 0.00	19.95 0.67 0.00	22.96 0.87 0.00	23.90 1.04 0.00	27.23 1.40 0.40	39.54 2.20 2.82	28.44 1.48 0.00	39.78 1.96 0.00	34.57 1.57 0.00	39.02 1.65 0.00	31.65 1.24 0.00	30.86 1.13 0.00	30.95 1.26 0.00	30.79 1.50 0.00	41.31 2.13 0.00	31.41 1.66 0.00	27.62 1.43 0.00	32.16 1.34 0.00	29.78 1.09 0.00	24.26 0.80 0.00	23.79 0.66 0.00
LWR___OSWEGATCHIE_HYD 23850	22.15 0.11 0.00	20.24 0.12 0.00	20.03 0.17 0.00	18.58 0.15 0.00	19.34 0.06 0.00	22.04 -0.06 0.00	22.83 -0.03 0.00	25.44 -0.14 0.65	35.23 -0.34 4.58	26.77 -0.19 0.00	37.51 -0.32 0.00	32.70 -0.30 0.00	36.82 -0.55 0.00	29.91 -0.51 0.00	29.09 -0.64 0.00	29.04 -0.65 0.00	28.54 -0.75 0.00	37.99 -1.19 0.00	28.68 -1.07 0.00	25.35 -0.84 0.00	30.15 -0.66 0.00	28.38 -0.32 0.00	23.15 -0.31 0.00	23.01 -0.12 0.00

LYONS_FALL_HYD 23570	22.28 0.24 0.00	20.37 0.25 0.00	20.18 0.32 0.00	18.72 0.29 0.00	19.56 0.27 0.00	22.41 0.31 0.00	23.30 0.44 0.00	25.96 0.50 0.78	35.50 0.78 5.44	27.47 0.51 0.00	38.35 0.52 0.00	33.31 0.31 0.00	37.41 0.05 0.00	30.45 0.04 0.00	29.70 -0.03 0.00	29.76 0.07 0.00	29.67 0.38 0.00	39.72 0.54 0.00	29.97 0.22 0.00	26.48 0.29 0.00	31.15 0.33 0.00	28.95 0.26 0.00	23.46 0.00 0.00	23.26 0.13 0.00
MADISON___COUNTY_LFGE 323628	22.50 0.46 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.85 0.43 0.00	19.73 0.45 0.00	22.66 0.56 0.00	23.53 0.67 0.00	25.86 0.79 1.16	33.27 1.25 8.14	27.80 0.84 0.00	38.98 1.15 0.00	33.93 0.93 0.00	38.28 0.91 0.00	31.23 0.82 0.00	30.56 0.83 0.00	30.58 0.88 0.00	30.41 1.12 0.00	40.69 1.52 0.00	30.86 1.12 0.00	27.13 0.94 0.00	31.77 0.95 0.00	29.45 0.76 0.00	24.00 0.54 0.00	23.66 0.52 0.00
MALONE___115KV_TB1 356076	23.20 1.16 0.00	21.17 1.04 0.00	20.86 1.00 0.00	19.33 0.91 0.00	20.19 0.91 0.00	23.04 0.95 0.00	23.81 0.95 0.00	27.02 1.00 0.21	40.01 1.31 1.46	27.98 1.02 0.00	39.28 1.45 0.00	34.27 1.28 0.00	38.72 1.35 0.00	31.41 0.99 0.00	30.49 0.76 0.00	30.15 0.46 0.00	29.10 -0.18 0.00	38.48 -0.70 0.00	29.19 -0.56 0.00	25.58 -0.61 0.00	30.51 -0.31 0.00	29.03 0.33 0.00	23.86 0.40 0.00	23.88 0.74 0.00
MAPLEWOD_115KV_TB3 80458	22.28 0.24 0.00	20.39 0.27 0.00	20.11 0.25 0.00	18.69 0.26 0.00	19.59 0.30 0.00	22.40 0.30 0.00	23.27 0.41 0.00	26.50 0.69 0.41	38.35 1.09 2.90	27.70 0.74 0.00	38.78 0.95 0.00	33.77 0.76 0.00	38.19 0.83 0.00	31.09 0.68 0.00	30.41 0.68 0.00	30.51 0.82 0.00	30.31 1.02 0.00	40.69 1.51 0.00	30.93 1.18 0.00	27.19 1.00 0.00	31.75 0.93 0.00	29.39 0.70 0.00	23.96 0.50 0.00	23.50 0.37 0.00
MAPLE_RIDGE_WT_1 323574	22.14 0.11 0.00	20.23 0.10 0.00	19.98 0.12 0.00	18.53 0.11 0.00	19.37 0.09 0.00	22.16 0.07 0.00	22.88 0.03 0.00	26.00 -0.10 0.13	39.07 -0.21 0.88	26.69 -0.27 0.00	37.32 -0.51 0.00	32.57 -0.43 0.00	36.86 -0.51 0.00	29.89 -0.52 0.00	29.25 -0.48 0.00	29.21 -0.48 0.00	28.69 -0.60 0.00	38.20 -0.98 0.00	29.02 -0.73 0.00	25.66 -0.53 0.00	30.44 -0.37 0.00	28.53 -0.16 0.00	23.19 -0.27 0.00	22.99 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	22.14 0.11 0.00	20.23 0.10 0.00	19.98 0.12 0.00	18.53 0.11 0.00	19.37 0.09 0.00	22.16 0.07 0.00	22.88 0.03 0.00	26.00 -0.10 0.13	39.07 -0.21 0.88	26.69 -0.27 0.00	37.32 -0.51 0.00	32.57 -0.43 0.00	36.86 -0.51 0.00	29.89 -0.52 0.00	29.25 -0.48 0.00	29.21 -0.48 0.00	28.69 -0.60 0.00	38.20 -0.98 0.00	29.02 -0.73 0.00	25.66 -0.53 0.00	30.44 -0.37 0.00	28.53 -0.16 0.00	23.19 -0.27 0.00	22.99 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	23.08 1.05 0.00	21.07 0.94 0.00	20.76 0.91 0.00	19.25 0.83 0.00	20.12 0.84 0.00	22.98 0.88 0.00	23.73 0.87 0.00	26.97 0.89 0.14	40.28 1.08 0.96	27.82 0.86 0.00	38.98 1.16 0.00	33.98 0.98 0.00	38.36 0.99 0.00	31.10 0.68 0.00	30.17 0.45 0.00	29.75 0.06 0.00	28.66 -0.63 0.00	37.71 -1.47 0.00	28.64 -1.11 0.00	25.04 -1.15 0.00	29.82 -1.00 0.00	28.36 -0.33 0.00	23.35 -0.11 0.00	23.53 0.39 0.00
MARSHVLE_115KV_TB1 80742	23.46 1.43 0.00	21.36 1.23 0.00	21.11 1.25 0.00	19.54 1.13 0.00	20.36 1.08 0.00	23.40 1.30 0.00	24.21 1.35 0.00	27.06 1.41 0.57	38.41 2.28 4.03	28.51 1.55 0.00	40.10 2.27 0.00	34.91 1.91 0.00	39.47 2.10 0.00	32.01 1.60 0.00	31.38 1.66 0.00	31.40 1.70 0.00	31.13 1.85 0.00	41.61 2.43 0.00	31.54 1.79 0.00	27.79 1.60 0.00	32.74 1.92 0.00	30.48 1.79 0.00	24.90 1.44 0.00	24.62 1.49 0.00
MARSH_HILL_WT_PWR 323713	21.95 -0.08 0.00	20.36 -0.05 -0.28	19.76 -0.15 -0.06	18.01 -0.41 0.00	18.79 -0.49 0.00	21.87 -0.23 0.00	22.08 -0.78 0.00	23.16 -1.17 1.89	25.78 -2.42 11.96	25.47 -1.50 0.00	35.65 -2.18 0.00	30.98 -2.02 0.00	34.96 -2.41 0.00	28.40 -2.02 0.00	27.95 -1.78 0.00	27.89 -1.80 0.00	27.92 -1.37 0.00	37.84 -1.34 0.00	28.79 -0.96 0.00	24.90 -1.29 0.00	29.50 -1.32 0.00	27.59 -1.10 0.00	22.65 -0.81 0.00	22.88 -0.25 0.00
MCINTYRE_115KV_TB2 80467	23.07 1.04 0.00	21.04 0.91 0.00	20.76 0.91 0.00	19.24 0.82 0.00	20.06 0.78 0.00	22.88 0.78 0.00	23.68 0.82 0.00	26.76 0.84 0.30	39.15 1.13 2.13	27.78 0.82 0.00	39.11 1.28 0.00	34.30 1.30 0.00	38.89 1.52 0.00	31.59 1.17 0.00	30.70 0.97 0.00	30.51 0.82 0.00	29.50 0.21 0.00	39.19 0.02 0.00	29.67 -0.08 0.00	26.17 -0.01 0.00	31.32 0.51 0.00	29.65 0.96 0.00	24.35 0.89 0.00	24.05 0.91 0.00
MECO_____69_KV_BK1 80468	24.09 2.06 0.00	21.93 1.80 0.00	21.66 1.80 0.00	20.08 1.67 0.00	20.99 1.71 0.00	24.21 2.11 0.00	25.23 2.37 0.00	28.49 2.78 0.51	41.14 4.60 3.63	29.99 3.03 0.00	41.81 3.98 0.00	36.23 3.23 0.00	40.80 3.44 0.00	33.08 2.67 0.00	32.81 3.08 0.00	33.04 3.35 0.00	33.03 3.75 0.00	44.30 5.12 0.00	33.55 3.80 0.00	29.46 3.27 0.00	34.54 3.73 0.00	32.07 3.38 0.00	26.07 2.61 0.00	25.63 2.49 0.00
MENANDS___115KV_TB5 355628	22.16 0.13 0.00	20.30 0.17 0.00	20.02 0.16 0.00	18.60 0.18 0.00	19.50 0.21 0.00	22.27 0.18 0.00	23.13 0.27 0.00	26.34 0.53 0.41	38.09 0.83 2.91	27.53 0.57 0.00	38.54 0.71 0.00	33.57 0.57 0.00	37.98 0.61 0.00	30.92 0.51 0.00	30.26 0.53 0.00	30.35 0.65 0.00	30.13 0.84 0.00	40.45 1.27 0.00	30.75 1.00 0.00	27.03 0.84 0.00	31.56 0.74 0.00	29.22 0.53 0.00	23.82 0.36 0.00	23.37 0.24 0.00
MG INDUSTRY___DRP 24185	22.32 0.29 0.00	20.44 0.31 0.00	20.16 0.30 0.00	18.73 0.31 0.00	19.62 0.34 0.00	22.44 0.35 0.00	23.28 0.42 0.00	26.42 0.62 0.42	38.15 0.97 2.98	27.63 0.67 0.00	38.65 0.82 0.00	33.65 0.65 0.00	38.08 0.71 0.00	30.97 0.56 0.00	30.29 0.56 0.00	30.37 0.68 0.00	30.14 0.86 0.00	40.45 1.28 0.00	30.75 1.00 0.00	27.04 0.85 0.00	31.60 0.79 0.00	29.29 0.60 0.00	23.89 0.44 0.00	23.48 0.34 0.00
MID___OSWEGATCHIE_HYD 23849	22.15 0.11 0.00	20.24 0.12 0.00	20.03 0.17 0.00	18.58 0.15 0.00	19.34 0.06 0.00	22.04 -0.06 0.00	22.83 -0.03 0.00	25.44 -0.14 0.65	35.23 -0.34 4.58	26.77 -0.19 0.00	37.51 -0.32 0.00	32.70 -0.30 0.00	36.82 -0.55 0.00	29.91 -0.51 0.00	29.09 -0.64 0.00	29.04 -0.65 0.00	28.54 -0.75 0.00	37.99 -1.19 0.00	28.68 -1.07 0.00	25.35 -0.84 0.00	30.15 -0.66 0.00	28.38 -0.32 0.00	23.15 -0.31 0.00	23.01 -0.12 0.00
MID___RAQUETTE_HYD 23851	22.62 0.59 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.89 0.46 0.00	19.64 0.36 0.00	22.29 0.19 0.00	22.99 0.12 0.00	25.85 -0.03 0.35	37.48 -0.19 2.49	26.91 -0.05 0.00	37.93 0.10 0.00	33.25 0.25 0.00	37.62 0.25 0.00	30.53 0.12 0.00	29.69 -0.04 0.00	29.51 -0.19 0.00	28.46 -0.82 0.00	37.82 -1.36 0.00	28.62 -1.13 0.00	25.27 -0.92 0.00	30.30 -0.52 0.00	28.82 0.13 0.00	23.72 0.26 0.00	23.50 0.37 0.00

MILLIKEN___1 23584	22.31 0.27 0.00	20.34 0.21 0.00	20.05 0.19 0.00	18.60 0.18 0.00	19.48 0.20 0.00	22.40 0.30 0.00	23.12 0.26 0.00	24.56 0.24 1.91	27.13 0.34 13.37	27.43 0.47 0.00	38.55 0.72 0.00	33.58 0.58 0.00	38.04 0.67 0.00	30.96 0.55 0.00	30.34 0.62 0.00	30.29 0.60 0.00	30.18 0.89 0.00	40.53 1.36 0.00	30.79 1.04 0.00	26.98 0.79 0.00	31.55 0.74 0.00	29.28 0.58 0.00	23.93 0.48 0.00	23.64 0.51 0.00
MILLIKEN___2 23585	22.31 0.27 0.00	20.34 0.21 0.00	20.05 0.19 0.00	18.60 0.18 0.00	19.48 0.20 0.00	22.40 0.30 0.00	23.12 0.26 0.00	24.56 0.24 1.91	27.13 0.34 13.37	27.43 0.47 0.00	38.55 0.72 0.00	33.58 0.58 0.00	38.04 0.67 0.00	30.96 0.55 0.00	30.34 0.62 0.00	30.29 0.60 0.00	30.18 0.89 0.00	40.53 1.36 0.00	30.79 1.04 0.00	26.98 0.79 0.00	31.55 0.74 0.00	29.28 0.58 0.00	23.93 0.48 0.00	23.64 0.51 0.00
MILLIKEN___DIESEL 23629	22.31 0.27 0.00	20.34 0.21 0.00	20.05 0.19 0.00	18.60 0.18 0.00	19.48 0.20 0.00	22.40 0.30 0.00	23.12 0.26 0.00	24.56 0.24 1.91	27.13 0.34 13.37	27.43 0.47 0.00	38.55 0.72 0.00	33.58 0.58 0.00	38.04 0.67 0.00	30.96 0.55 0.00	30.34 0.62 0.00	30.29 0.60 0.00	30.18 0.89 0.00	40.53 1.36 0.00	30.79 1.04 0.00	26.98 0.79 0.00	31.55 0.74 0.00	29.28 0.58 0.00	23.93 0.48 0.00	23.64 0.51 0.00
MILLSEAT___LFGE 323607	21.15 -0.88 0.00	18.88 -0.98 0.27	18.87 -0.94 0.05	17.55 -0.87 0.00	18.37 -0.91 0.00	21.17 -0.92 0.00	21.61 -1.25 0.00	22.18 -1.89 2.16	20.21 -2.85 17.10	25.33 -1.63 0.00	35.64 -2.19 0.00	31.04 -1.96 0.00	35.02 -2.34 0.00	28.59 -1.82 0.00	27.81 -1.91 0.00	27.81 -1.88 0.00	27.78 -1.51 0.00	37.30 -1.88 0.00	28.13 -1.62 0.00	24.62 -1.57 0.00	28.89 -1.93 0.00	27.45 -1.24 0.00	22.55 -0.90 0.00	22.38 -0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.52 0.49 0.00	20.62 0.49 0.00	20.36 0.50 0.00	18.88 0.45 0.00	19.79 0.51 0.00	22.72 0.62 0.00	23.76 0.90 0.00	26.92 1.23 0.54	38.13 1.75 3.78	28.24 1.28 0.00	39.56 1.73 0.00	34.49 1.49 0.00	39.17 1.80 0.00	31.99 1.57 0.00	31.41 1.68 0.00	31.48 1.79 0.00	31.44 2.15 0.00	42.23 3.05 0.00	32.05 2.31 0.00	28.17 1.98 0.00	32.76 1.94 0.00	30.17 1.48 0.00	24.58 1.13 0.00	24.09 0.96 0.00
MILLWOOD_13_KV_LOAD 356217	22.57 0.53 0.00	20.66 0.53 0.00	20.40 0.54 0.00	18.91 0.49 0.00	19.83 0.54 0.00	22.78 0.68 0.00	23.81 0.95 0.00	26.99 1.30 0.54	38.24 1.86 3.78	28.31 1.35 0.00	39.66 1.83 0.00	34.58 1.59 0.00	39.28 1.91 0.00	32.07 1.66 0.00	31.50 1.77 0.00	31.58 1.88 0.00	31.53 2.24 0.00	42.35 3.17 0.00	32.15 2.40 0.00	28.24 2.06 0.00	32.85 2.04 0.00	30.26 1.56 0.00	24.64 1.19 0.00	24.15 1.02 0.00
MODEL_CITY_ENERGY 24167	20.53 -1.51 0.00	18.27 -1.55 0.30	18.30 -1.50 0.06	17.03 -1.39 0.00	17.81 -1.47 0.00	20.50 -1.59 0.00	20.81 -2.05 0.00	21.13 -2.95 2.15	18.39 -4.44 17.33	24.24 -2.72 0.00	34.08 -3.75 0.00	29.68 -3.32 0.00	33.46 -3.91 0.00	27.32 -3.09 0.00	26.59 -3.14 0.00	26.59 -3.11 0.00	26.53 -2.76 0.00	35.58 -3.60 0.00	26.83 -2.92 0.00	23.50 -2.69 0.00	27.62 -3.20 0.00	26.10 -2.59 0.00	21.54 -1.91 0.00	21.49 -1.64 0.00
MODERN_LFGE___ 323580	20.53 -1.51 0.00	18.27 -1.55 0.30	18.30 -1.50 0.06	17.03 -1.39 0.00	17.81 -1.47 0.00	20.50 -1.59 0.00	20.81 -2.05 0.00	21.13 -2.95 2.15	18.39 -4.44 17.33	24.24 -2.72 0.00	34.08 -3.75 0.00	29.68 -3.32 0.00	33.46 -3.91 0.00	27.32 -3.09 0.00	26.59 -3.14 0.00	26.59 -3.11 0.00	26.53 -2.76 0.00	35.58 -3.60 0.00	26.83 -2.92 0.00	23.50 -2.69 0.00	27.62 -3.20 0.00	26.10 -2.59 0.00	21.54 -1.91 0.00	21.49 -1.64 0.00
MOHAWK_PAPER___DRP 24187	22.28 0.24 0.00	20.39 0.27 0.00	20.11 0.25 0.00	18.69 0.26 0.00	19.59 0.30 0.00	22.40 0.30 0.00	23.27 0.41 0.00	26.50 0.69 0.41	38.35 1.09 2.90	27.70 0.74 0.00	38.78 0.95 0.00	33.77 0.76 0.00	38.19 0.83 0.00	31.09 0.68 0.00	30.41 0.68 0.00	30.51 0.82 0.00	30.31 1.02 0.00	40.69 1.51 0.00	30.93 1.18 0.00	27.19 1.00 0.00	31.75 0.93 0.00	29.39 0.70 0.00	23.96 0.50 0.00	23.50 0.37 0.00
MOHICAN___35_KV_115KV_LD 80490	22.74 0.70 0.00	20.77 0.65 0.00	20.56 0.70 0.00	19.11 0.69 0.00	20.04 0.75 0.00	23.20 1.10 0.00	24.23 1.37 0.00	27.66 1.84 0.40	40.21 2.87 2.82	28.92 1.96 0.00	40.44 2.60 0.00	35.02 2.02 0.00	39.39 2.02 0.00	31.81 1.40 0.00	30.85 1.12 0.00	30.96 1.27 0.00	30.80 1.51 0.00	41.32 2.14 0.00	31.45 1.70 0.00	27.64 1.45 0.00	31.99 1.18 0.00	29.62 0.93 0.00	24.11 0.65 0.00	23.58 0.45 0.00
MONGAUP___HYD 23641	22.56 0.52 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.93 0.51 0.00	19.68 0.41 0.00	22.54 0.44 0.00	23.40 0.54 0.00	26.45 0.80 0.57	37.34 1.20 4.02	28.15 1.19 0.00	39.02 1.19 0.00	33.96 0.96 0.00	38.48 1.12 0.00	31.51 1.10 0.00	30.94 1.21 0.00	31.01 1.32 0.00	30.90 1.61 0.00	41.54 2.36 0.00	31.54 1.79 0.00	27.72 1.53 0.00	32.33 1.51 0.00	30.19 1.49 0.00	24.67 1.21 0.00	24.15 1.02 0.00
MONTAUK___DIESEL 23721	23.59 1.55 0.00	21.55 1.42 0.00	21.30 1.44 0.00	19.75 1.33 0.00	20.74 1.46 0.00	23.89 1.79 0.00	24.69 1.83 0.00	27.87 2.18 0.53	39.76 3.36 3.76	29.85 2.89 0.00	41.66 3.83 0.00	35.90 2.90 0.00	40.83 3.46 0.00	33.50 3.09 0.00	32.89 3.16 0.00	38.08 3.56 -4.82	37.41 3.94 -4.18	44.53 5.35 0.00	33.57 3.81 0.00	29.50 3.31 0.00	34.33 3.51 0.00	31.42 2.73 0.00	25.69 2.23 0.00	25.75 2.62 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.39 -0.64 0.00	19.39 -0.73 0.00	19.18 -0.68 0.00	17.64 -0.78 0.00	18.44 -0.85 0.00	21.22 -0.88 0.00	21.61 -1.26 0.00	22.23 -1.90 2.10	22.80 -2.59 14.76	25.74 -1.22 0.00	36.28 -1.55 0.00	31.69 -1.31 0.00	35.87 -1.50 0.00	29.28 -1.13 0.00	28.54 -1.18 0.00	28.28 -1.42 0.00	28.20 -1.09 0.00	38.12 -1.06 0.00	28.87 -0.88 0.00	25.35 -0.84 0.00	29.67 -1.14 0.00	27.97 -0.72 0.00	22.94 -0.52 0.00	22.54 -0.59 0.00
MORTIMER_115KV_TB3 55949	21.30 -0.74 0.00	19.33 -0.79 0.00	19.10 -0.76 0.00	17.71 -0.72 0.00	18.54 -0.75 0.00	21.30 -0.79 0.00	21.84 -1.02 0.00	22.60 -1.44 2.19	22.51 -2.28 15.37	25.70 -1.26 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.73 -1.64 0.00	29.12 -1.30 0.00	28.35 -1.38 0.00	28.33 -1.36 0.00	28.18 -1.10 0.00	37.82 -1.35 0.00	28.59 -1.16 0.00	25.05 -1.13 0.00	29.37 -1.45 0.00	28.60 -0.09 0.00	23.35 -0.11 0.00	22.91 -0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.60 0.56 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.94 0.52 0.00	19.85 0.57 0.00	22.78 0.68 0.00	23.84 0.98 0.00	27.03 1.34 0.53	38.29 1.89 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.63 1.63 0.00	39.34 1.97 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.67 1.98 0.00	31.62 2.34 0.00	42.47 3.29 0.00	32.23 2.49 0.00	28.32 2.13 0.00	32.93 2.11 0.00	30.32 1.62 0.00	24.69 1.23 0.00	24.19 1.05 0.00

MUNSVILLE_WIND_PWR 323609	23.66 1.63 0.00	21.64 1.42 -0.10	21.26 1.38 -0.02	19.71 1.29 0.00	20.51 1.23 0.00	23.51 1.41 0.00	24.32 1.46 0.00	26.47 1.85 1.61	31.94 2.53 10.75	28.87 1.91 0.00	40.28 2.45 0.00	35.15 2.15 0.00	40.12 2.76 0.00	32.24 1.83 0.00	31.88 2.15 0.00	31.74 2.04 0.00	31.77 2.49 0.00	42.82 3.64 0.00	32.83 3.08 0.00	28.75 2.57 0.00	33.59 2.78 0.00	31.01 2.32 0.00	25.26 1.81 0.00	24.84 1.70 0.00
N SALMON___HYD 24042	23.20 1.16 0.00	21.17 1.04 0.00	20.86 1.00 0.00	19.33 0.91 0.00	20.19 0.91 0.00	23.04 0.95 0.00	23.81 0.95 0.00	27.02 1.00 0.21	40.01 1.31 1.46	27.98 1.02 0.00	39.28 1.45 0.00	34.28 1.28 0.00	38.72 1.35 0.00	31.40 0.99 0.00	30.49 0.76 0.00	30.15 0.46 0.00	29.10 -0.18 0.00	38.48 -0.70 0.00	29.19 -0.56 0.00	25.58 -0.61 0.00	30.51 -0.30 0.00	29.03 0.33 0.00	23.86 0.40 0.00	23.88 0.74 0.00
N.AKRON___115KV_KNAPP 355671	21.05 -0.99 0.00	19.05 -1.08 0.00	18.83 -1.04 0.00	17.46 -0.97 0.00	18.27 -1.01 0.00	21.05 -1.05 0.00	21.45 -1.40 0.00	21.95 -2.12 2.16	21.83 -3.19 15.14	25.11 -1.85 0.00	35.32 -2.50 0.00	30.77 -2.23 0.00	34.71 -2.66 0.00	28.33 -2.08 0.00	27.56 -2.17 0.00	27.55 -2.14 0.00	27.51 -1.78 0.00	36.93 -2.24 0.00	27.84 -1.91 0.00	24.38 -1.81 0.00	28.62 -2.20 0.00	27.10 -1.59 0.00	22.30 -1.16 0.00	22.17 -0.97 0.00
N.BELMOR_69_KV_BK1 55787	22.77 0.74 0.00	20.83 0.71 0.00	20.58 0.72 0.00	19.08 0.66 0.00	20.01 0.73 0.00	23.02 0.92 0.00	24.11 1.25 0.00	27.28 1.58 0.53	38.68 2.28 3.76	28.76 1.80 0.00	40.44 2.61 0.00	35.00 2.00 0.00	39.77 2.40 0.00	32.59 2.17 0.00	32.01 2.28 0.00	38.61 2.50 -6.42	37.97 2.88 -5.80	43.11 3.94 0.00	32.59 2.84 0.00	28.64 2.45 0.00	33.36 2.55 0.00	30.68 1.98 0.00	25.04 1.58 0.00	24.61 1.48 0.00
N.E_GEN_SANDY PD 24062	22.35 0.32 0.00	20.45 0.32 0.00	20.16 0.30 0.00	18.71 0.29 0.00	19.61 0.33 0.00	22.48 0.39 0.00	23.33 0.55 0.08	26.71 0.87 0.38	37.23 1.34 4.27	27.82 0.90 0.05	39.02 1.19 0.00	33.99 0.99 0.00	38.50 1.13 0.00	31.24 0.90 0.08	30.67 0.94 0.00	36.89 1.07 -6.13	30.29 1.35 0.34	41.17 1.99 0.00	31.30 1.55 0.00	27.65 1.34 -0.12	31.55 1.22 0.49	29.61 0.92 0.00	24.30 0.69 -0.14	23.41 0.54 0.27
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.50 0.47 0.00	20.59 0.46 0.00	20.34 0.48 0.00	18.87 0.44 0.00	19.79 0.50 0.00	22.73 0.64 0.00	23.77 0.90 0.00	26.91 1.23 0.55	38.05 1.76 3.87	28.22 1.26 0.00	39.56 1.73 0.00	34.50 1.50 0.00	39.19 1.82 0.00	32.00 1.59 0.00	31.43 1.71 0.00	31.49 1.80 0.00	31.46 2.17 0.00	42.27 3.09 0.00	32.08 2.33 0.00	28.19 2.00 0.00	32.78 1.96 0.00	30.18 1.49 0.00	24.58 1.13 0.00	24.10 0.97 0.00
N.QUEENS_27_KV_LOAD 356247	22.56 0.52 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.96 0.53 0.00	19.86 0.58 0.00	22.75 0.66 0.00	23.84 0.98 0.00	26.93 1.24 0.53	37.99 1.59 3.76	28.19 1.23 0.00	39.50 1.67 0.00	34.54 1.54 0.00	39.24 1.87 0.00	32.06 1.65 0.00	31.45 1.73 0.00	31.59 1.89 0.00	31.48 2.19 0.00	42.34 3.16 0.00	32.15 2.40 0.00	28.27 2.08 0.00	32.87 2.05 0.00	30.21 1.52 0.00	24.59 1.13 0.00	24.14 1.00 0.00
N.TROY___115KV_TB1 355778	22.38 0.34 0.00	20.46 0.34 0.00	20.18 0.32 0.00	18.74 0.32 0.00	19.65 0.37 0.00	22.54 0.45 0.00	23.42 0.56 0.00	26.70 0.88 0.40	38.70 1.39 2.85	27.89 0.92 0.00	39.01 1.18 0.00	33.95 0.95 0.00	38.38 1.02 0.00	31.19 0.78 0.00	30.48 0.75 0.00	30.57 0.88 0.00	30.36 1.07 0.00	40.76 1.58 0.00	30.99 1.24 0.00	27.26 1.07 0.00	31.79 0.98 0.00	29.44 0.75 0.00	24.00 0.55 0.00	23.55 0.42 0.00
NARROWS_GT1_1 24228	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT1_2 24229	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT1_3 24230	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT1_4 24231	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT1_5 24232	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT1_6 24233	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT1_7 24234	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00

NARROWS_GT1_8 24235	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_1 24236	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_2 24237	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_3 24238	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_4 24239	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_5 24240	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_6 24241	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_7 24242	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NARROWS_GT2_8 24243	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.67 0.63 0.00	20.75 0.63 0.00	20.46 0.60 0.00	19.03 0.61 0.00	19.95 0.67 0.00	22.83 0.74 0.00	23.74 0.88 0.00	27.03 1.25 0.45	39.06 2.04 3.14	28.31 1.35 0.00	39.52 1.69 0.00	34.38 1.39 0.00	38.83 1.46 0.00	31.45 1.03 0.00	30.74 1.02 0.00	30.91 1.21 0.00	30.88 1.59 0.00	41.57 2.39 0.00	31.60 1.85 0.00	27.78 1.59 0.00	32.43 1.61 0.00	30.03 1.34 0.00	24.41 0.95 0.00	23.94 0.80 0.00
NCHELSEA_115KV_TR2 355582	22.69 0.66 0.00	20.76 0.63 0.00	20.49 0.63 0.00	19.00 0.58 0.00	19.92 0.64 0.00	22.89 0.80 0.00	23.91 1.05 0.00	27.11 1.41 0.53	38.51 2.10 3.74	28.45 1.49 0.00	39.83 2.00 0.00	34.72 1.72 0.00	39.41 2.04 0.00	32.17 1.76 0.00	31.57 1.85 0.00	31.65 1.96 0.00	31.61 2.33 0.00	42.49 3.31 0.00	32.27 2.52 0.00	28.35 2.16 0.00	32.98 2.16 0.00	30.40 1.71 0.00	24.76 1.30 0.00	24.25 1.12 0.00
NEG CAPITAL___MECHNVIL 23645	22.65 0.62 0.00	20.70 0.57 0.00	20.43 0.57 0.00	18.98 0.56 0.00	19.90 0.62 0.00	22.89 0.80 0.00	23.84 0.98 0.00	27.18 1.35 0.40	39.45 2.12 2.83	28.38 1.42 0.00	39.70 1.87 0.00	34.52 1.52 0.00	38.97 1.60 0.00	31.61 1.20 0.00	30.85 1.13 0.00	30.95 1.26 0.00	30.80 1.51 0.00	41.33 2.15 0.00	31.43 1.68 0.00	27.63 1.43 0.00	32.18 1.36 0.00	29.78 1.09 0.00	24.25 0.80 0.00	23.79 0.66 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.98 -1.06 0.00	18.93 -1.07 0.13	18.81 -1.03 0.03	17.48 -0.95 0.00	18.27 -1.01 0.00	21.01 -1.08 0.00	21.64 -1.22 0.00	22.43 -1.61 2.19	21.41 -2.57 16.18	25.50 -1.46 0.00	35.91 -1.92 0.00	31.33 -1.67 0.00	35.39 -1.97 0.00	28.86 -1.55 0.00	28.15 -1.58 0.00	28.14 -1.55 0.00	28.00 -1.29 0.00	37.57 -1.61 0.00	28.42 -1.33 0.00	24.92 -1.27 0.00	29.19 -1.63 0.00	27.29 -1.40 0.00	22.36 -1.10 0.00	22.16 -0.97 0.00
NEG CENTRAL___DRP 24199	22.16 0.12 0.00	20.19 0.06 0.00	19.87 0.01 0.00	18.34 -0.08 0.00	19.28 -0.01 0.00	22.18 0.08 0.00	22.62 -0.23 0.00	23.74 -0.37 2.12	24.84 -0.53 14.79	26.91 -0.05 0.00	37.73 -0.10 0.00	32.95 -0.05 0.00	37.26 -0.10 0.00	30.41 0.00 0.00	29.78 0.06 0.00	29.72 0.02 0.00	29.61 0.32 0.00	39.73 0.56 0.00	30.16 0.41 0.00	26.37 0.18 0.00	30.92 0.11 0.00	28.78 0.09 0.00	23.55 0.09 0.00	23.32 0.19 0.00
NEG CENTRAL___INDECK 23768	22.64 0.61 0.00	20.36 0.40 0.17	20.23 0.40 0.03	18.78 0.36 0.00	19.42 0.14 0.00	22.19 0.10 0.00	22.79 -0.07 0.00	23.90 -0.32 2.00	25.89 -0.76 13.51	26.66 -0.30 0.00	37.39 -0.44 0.00	32.60 -0.39 0.00	36.87 -0.50 0.00	30.04 -0.37 0.00	29.38 -0.35 0.00	29.38 -0.31 0.00	29.44 0.16 0.00	39.75 0.57 0.00	30.07 0.32 0.00	26.22 0.03 0.00	30.79 -0.03 0.00	28.59 -0.11 0.00	23.42 -0.03 0.00	23.34 0.20 0.00



NEG CENTRAL___SENECA 23627	22.35 0.32 0.00	20.35 0.22 0.00	20.01 0.15 0.00	18.40 -0.02 0.00	19.40 0.12 0.00	22.34 0.25 0.00	22.65 -0.21 0.00	23.79 -0.34 2.10	24.86 -0.61 14.69	26.81 -0.15 0.00	37.48 -0.35 0.00	32.82 -0.18 0.00	37.04 -0.33 0.00	30.29 -0.12 0.00	29.67 -0.06 0.00	29.58 -0.12 0.00	29.45 0.16 0.00	39.51 0.33 0.00	29.99 0.24 0.00	26.20 0.02 0.00	30.78 -0.04 0.00	28.66 -0.03 0.00	23.46 0.00 0.00	23.28 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	22.04 0.01 0.00	20.09 -0.03 0.00	19.79 -0.07 0.00	18.39 -0.04 0.00	19.25 -0.03 0.00	22.12 0.03 0.00	22.73 -0.13 0.00	23.84 -0.27 2.11	25.24 -0.21 14.71	27.23 0.27 0.00	38.27 0.44 0.00	33.27 0.27 0.00	37.75 0.38 0.00	30.66 0.25 0.00	30.01 0.29 0.00	29.98 0.29 0.00	29.93 0.64 0.00	40.20 1.03 0.00	30.52 0.77 0.00	26.71 0.52 0.00	31.27 0.45 0.00	29.03 0.34 0.00	23.72 0.26 0.00	23.45 0.32 0.00
NEG MILLWOOD___DRP 24198	22.74 0.70 0.00	20.80 0.68 0.00	20.53 0.67 0.00	19.05 0.63 0.00	19.97 0.69 0.00	22.95 0.85 0.00	23.99 1.13 0.00	27.23 1.53 0.53	38.70 2.26 3.72	28.57 1.61 0.00	40.00 2.17 0.00	34.86 1.87 0.00	39.58 2.21 0.00	32.31 1.90 0.00	31.72 2.00 0.00	31.81 2.11 0.00	31.79 2.50 0.00	42.74 3.56 0.00	32.46 2.71 0.00	28.51 2.33 0.00	33.15 2.34 0.00	30.55 1.85 0.00	24.86 1.41 0.00	24.35 1.21 0.00
NEG NORTH_FLCN_SEA 23793	23.36 1.32 0.00	21.33 1.20 0.00	21.00 1.14 0.00	19.47 1.05 0.00	20.35 1.07 0.00	23.19 1.10 0.00	23.95 1.09 0.00	27.26 1.17 0.14	40.64 1.46 0.98	28.12 1.16 0.00	39.42 1.59 0.00	34.33 1.34 0.00	38.74 1.37 0.00	31.37 0.96 0.00	30.49 0.76 0.00	30.09 0.40 0.00	28.98 -0.31 0.00	38.05 -1.13 0.00	28.96 -0.79 0.00	25.28 -0.91 0.00	30.06 -0.75 0.00	28.66 -0.03 0.00	23.56 0.10 0.00	23.82 0.68 0.00
NEG NORTH_KES_CHATEGAY 23792	23.14 1.11 0.00	21.13 1.00 0.00	20.82 0.96 0.00	19.29 0.87 0.00	20.16 0.88 0.00	23.04 0.94 0.00	23.80 0.94 0.00	27.05 0.98 0.16	40.28 1.23 1.11	27.92 0.96 0.00	39.12 1.29 0.00	34.11 1.11 0.00	38.50 1.13 0.00	31.22 0.80 0.00	30.31 0.58 0.00	29.91 0.21 0.00	28.83 -0.46 0.00	38.03 -1.15 0.00	28.88 -0.87 0.00	25.25 -0.94 0.00	30.09 -0.73 0.00	28.64 -0.06 0.00	23.54 0.09 0.00	23.67 0.54 0.00
NEG NORTH___ALICE_FALLS 23915	23.39 1.36 0.00	21.35 1.22 0.00	21.02 1.16 0.00	19.49 1.06 0.00	20.39 1.11 0.00	23.27 1.17 0.00	24.06 1.20 0.00	27.48 1.40 0.14	40.99 1.83 1.00	28.34 1.38 0.00	39.65 1.82 0.00	34.53 1.54 0.00	38.98 1.61 0.00	31.56 1.15 0.00	30.68 0.95 0.00	30.30 0.61 0.00	29.21 -0.07 0.00	38.46 -0.72 0.00	29.25 -0.50 0.00	25.54 -0.65 0.00	30.36 -0.46 0.00	28.91 0.22 0.00	23.75 0.29 0.00	23.92 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	23.39 1.36 0.00	21.35 1.22 0.00	21.02 1.16 0.00	19.49 1.06 0.00	20.39 1.11 0.00	23.27 1.17 0.00	24.06 1.20 0.00	27.48 1.40 0.14	40.99 1.83 1.00	28.34 1.38 0.00	39.65 1.82 0.00	34.53 1.54 0.00	38.98 1.61 0.00	31.56 1.15 0.00	30.68 0.95 0.00	30.30 0.61 0.00	29.21 -0.07 0.00	38.46 -0.72 0.00	29.25 -0.50 0.00	25.54 -0.65 0.00	30.36 -0.46 0.00	28.91 0.22 0.00	23.75 0.29 0.00	23.92 0.79 0.00
NEG NORTH___PLATTSBURG 23628	23.39 1.36 0.00	21.35 1.22 0.00	21.02 1.16 0.00	19.48 1.06 0.00	20.39 1.11 0.00	23.27 1.17 0.00	24.06 1.20 0.00	27.48 1.40 0.14	40.99 1.83 1.00	28.34 1.38 0.00	39.65 1.82 0.00	34.53 1.54 0.00	38.97 1.61 0.00	31.56 1.15 0.00	30.68 0.95 0.00	30.30 0.61 0.00	29.21 -0.07 0.00	38.46 -0.72 0.00	29.25 -0.50 0.00	25.54 -0.65 0.00	30.36 -0.46 0.00	28.91 0.22 0.00	23.75 0.29 0.00	23.92 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	20.72 -1.32 0.00	18.74 -1.39 0.00	18.53 -1.33 0.00	17.17 -1.25 0.00	17.96 -1.32 0.00	20.68 -1.42 0.00	21.01 -1.86 0.00	21.39 -2.69 2.15	20.99 -4.07 15.10	24.52 -2.44 0.00	34.49 -3.34 0.00	30.06 -2.94 0.00	33.88 -3.48 0.00	27.66 -2.75 0.00	26.89 -2.84 0.00	26.87 -2.83 0.00	26.80 -2.48 0.00	35.97 -3.21 0.00	27.11 -2.64 0.00	23.76 -2.43 0.00	27.92 -2.90 0.00	26.41 -2.28 0.00	21.77 -1.69 0.00	21.70 -1.43 0.00
NEG WEST___LANCASTER 23811	21.78 -0.26 0.00	19.73 -0.40 0.00	19.47 -0.39 0.00	18.03 -0.39 0.00	18.88 -0.41 0.00	21.72 -0.38 0.00	22.16 -0.70 0.00	23.04 -1.09 2.10	23.59 -1.82 14.75	26.01 -0.95 0.00	36.70 -1.13 0.00	32.05 -0.95 0.00	36.22 -1.15 0.00	29.55 -0.86 0.00	28.80 -0.93 0.00	28.66 -1.03 0.00	28.48 -0.80 0.00	38.25 -0.92 0.00	28.88 -0.87 0.00	25.31 -0.88 0.00	29.65 -1.16 0.00	27.91 -0.78 0.00	23.02 -0.43 0.00	22.86 -0.27 0.00
NEG_PENN_ALLEGHNY 23528	21.95 -0.08 0.00	20.14 -0.12 -0.13	19.75 -0.13 -0.03	18.28 -0.14 0.00	19.16 -0.12 0.00	22.03 -0.07 0.00	22.80 -0.06 0.00	24.46 -0.12 1.64	29.12 -0.31 10.73	26.96 0.00 0.00	37.87 0.03 0.00	33.05 0.06 0.00	37.46 0.09 0.00	30.53 0.12 0.00	29.94 0.21 0.00	29.83 0.13 0.00	29.64 0.35 0.00	39.83 0.65 0.00	30.25 0.50 0.00	26.52 0.34 0.00	31.02 0.20 0.00	28.81 0.12 0.00	23.59 0.13 0.00	23.27 0.14 0.00
NEG___GEN_MONROE 24207	21.40 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.63 0.00	18.63 -0.66 0.00	21.43 -0.67 0.00	21.97 -0.89 0.00	22.73 -1.31 2.19	22.73 -2.07 15.36	25.85 -1.11 0.00	36.42 -1.41 0.00	31.78 -1.22 0.00	35.91 -1.45 0.00	29.28 -1.13 0.00	28.50 -1.23 0.00	28.48 -1.21 0.00	28.37 -0.92 0.00	38.08 -1.10 0.00	28.78 -0.97 0.00	25.21 -0.98 0.00	29.55 -1.27 0.00	28.73 0.03 0.00	23.44 -0.02 0.00	23.02 -0.12 0.00
NEPA___ENERGY 23901	21.24 -0.80 0.00	19.26 -0.87 0.00	18.98 -0.88 0.00	17.53 -0.89 0.00	18.39 -0.89 0.00	21.16 -0.94 0.00	21.61 -1.25 0.00	22.37 -1.77 2.09	22.80 -2.66 14.71	25.57 -1.40 0.00	36.02 -1.81 0.00	31.46 -1.54 0.00	35.57 -1.80 0.00	29.06 -1.35 0.00	28.47 -1.26 0.00	28.12 -1.58 0.00	28.02 -1.27 0.00	37.79 -1.39 0.00	28.64 -1.11 0.00	25.06 -1.13 0.00	29.26 -1.56 0.00	27.46 -1.23 0.00	22.63 -0.82 0.00	22.32 -0.81 0.00
NEVERSINK___HYD 23608	22.80 0.77 0.00	20.83 0.71 0.00	20.57 0.71 0.00	19.07 0.65 0.00	20.00 0.72 0.00	23.01 0.92 0.00	24.04 1.18 0.00	27.16 1.52 0.57	38.36 2.25 4.04	28.54 1.58 0.00	39.96 2.13 0.00	34.82 1.82 0.00	39.56 2.19 0.00	32.35 1.93 0.00	31.75 2.03 0.00	31.82 2.12 0.00	31.79 2.50 0.00	42.72 3.54 0.00	32.44 2.69 0.00	28.49 2.30 0.00	33.18 2.37 0.00	30.56 1.87 0.00	24.90 1.45 0.00	24.40 1.26 0.00
NEWKRMKL_115KV_TB1 55635	22.07 0.04 0.00	20.23 0.11 0.00	19.96 0.10 0.00	18.55 0.13 0.00	19.44 0.16 0.00	22.18 0.09 0.00	23.05 0.19 0.00	26.25 0.43 0.41	37.93 0.67 2.91	27.42 0.46 0.00	38.38 0.55 0.00	33.42 0.42 0.00	37.83 0.46 0.00	30.79 0.38 0.00	30.14 0.41 0.00	30.22 0.53 0.00	30.02 0.73 0.00	40.29 1.11 0.00	30.62 0.87 0.00	26.92 0.73 0.00	31.43 0.61 0.00	29.10 0.40 0.00	23.71 0.25 0.00	23.27 0.13 0.00

NEWTON___FALLS_HYD 23847	22.15 0.11 0.00	20.24 0.12 0.00	20.03 0.17 0.00	18.58 0.15 0.00	19.34 0.06 0.00	22.04 -0.06 0.00	22.83 -0.03 0.00	25.44 -0.14 0.65	35.23 -0.34 4.58	26.77 -0.19 0.00	37.51 -0.32 0.00	32.70 -0.30 0.00	36.82 -0.55 0.00	29.91 -0.51 0.00	29.09 -0.64 0.00	29.04 -0.65 0.00	28.54 -0.75 0.00	37.99 -1.19 0.00	28.68 -1.07 0.00	25.35 -0.84 0.00	30.15 -0.66 0.00	28.38 -0.32 0.00	23.15 -0.31 0.00	23.01 -0.12 0.00
NGRID_A1_DSASP 323792	20.26 -1.77 0.00	18.09 -1.72 0.31	18.13 -1.67 0.06	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	18.06 -4.69 17.41	24.09 -2.88 0.00	33.89 -3.94 0.00	29.51 -3.49 0.00	33.26 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.20 -3.09 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
NGRID_A2_DSASP 323793	20.26 -1.77 0.00	18.09 -1.72 0.31	18.13 -1.67 0.06	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	18.06 -4.69 17.41	24.09 -2.88 0.00	33.89 -3.94 0.00	29.51 -3.49 0.00	33.26 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.20 -3.09 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
NGRID_A4_DSASP 323807	20.26 -1.77 0.00	18.09 -1.72 0.31	18.13 -1.67 0.06	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	18.06 -4.69 17.41	24.09 -2.88 0.00	33.89 -3.94 0.00	29.51 -3.49 0.00	33.26 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.20 -3.09 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
NIAGARA_115E_LBMP 323715	20.42 -1.61 0.00	18.17 -1.65 0.31	18.20 -1.60 0.06	16.94 -1.48 0.00	17.72 -1.57 0.00	20.39 -1.70 0.00	20.69 -2.17 0.00	20.96 -3.13 2.14	18.09 -4.69 17.38	24.06 -2.90 0.00	33.82 -4.01 0.00	29.45 -3.55 0.00	33.19 -4.18 0.00	27.11 -3.30 0.00	26.40 -3.33 0.00	26.40 -3.29 0.00	26.34 -2.95 0.00	35.32 -3.86 0.00	26.63 -3.12 0.00	23.33 -2.86 0.00	27.43 -3.39 0.00	25.90 -2.79 0.00	21.39 -2.06 0.00	21.36 -1.77 0.00
NIAGARA_115W_LBMP 323714	20.21 -1.82 0.00	18.05 -1.76 0.31	18.10 -1.70 0.06	16.84 -1.58 0.00	17.62 -1.66 0.00	20.28 -1.82 0.00	20.57 -2.29 0.00	20.93 -3.15 2.15	17.99 -4.76 17.41	24.04 -2.92 0.00	33.82 -4.01 0.00	29.44 -3.56 0.00	33.19 -4.17 0.00	27.10 -3.31 0.00	26.23 -3.49 0.00	26.22 -3.48 0.00	26.14 -3.15 0.00	35.04 -4.14 0.00	26.43 -3.32 0.00	23.14 -3.05 0.00	27.21 -3.61 0.00	25.68 -3.02 0.00	21.13 -2.33 0.00	21.07 -2.07 0.00
NIAGARA_230_LBMP 323716	20.48 -1.55 0.00	18.23 -1.59 0.31	18.27 -1.53 0.06	17.00 -1.42 0.00	17.79 -1.49 0.00	20.46 -1.63 0.00	20.79 -2.07 0.00	21.19 -2.89 2.15	18.35 -4.43 17.39	24.31 -2.65 0.00	34.23 -3.60 0.00	29.81 -3.19 0.00	33.62 -3.75 0.00	27.43 -2.98 0.00	26.61 -3.12 0.00	26.58 -3.11 0.00	26.48 -2.81 0.00	35.52 -3.66 0.00	26.79 -2.96 0.00	23.46 -2.73 0.00	27.57 -3.25 0.00	25.99 -2.70 0.00	21.42 -2.04 0.00	21.39 -1.75 0.00
NIAGARA___115KV_198_GIBSON 55903	20.21 -1.82 0.00	18.37 -1.76 0.00	18.17 -1.69 0.00	16.84 -1.58 0.00	17.62 -1.66 0.00	20.28 -1.82 0.00	20.57 -2.29 0.00	20.93 -3.16 2.15	20.35 -4.74 15.08	24.04 -2.92 0.00	33.81 -4.02 0.00	29.45 -3.55 0.00	33.20 -4.16 0.00	27.10 -3.31 0.00	26.23 -3.49 0.00	26.21 -3.48 0.00	26.13 -3.16 0.00	35.04 -4.14 0.00	26.42 -3.33 0.00	23.14 -3.05 0.00	27.21 -3.61 0.00	25.68 -3.02 0.00	21.13 -2.33 0.00	21.06 -2.07 0.00
NIAGARA____ 23760	20.48 -1.55 0.00	18.23 -1.59 0.31	18.27 -1.53 0.06	17.00 -1.42 0.00	17.79 -1.49 0.00	20.46 -1.63 0.00	20.79 -2.07 0.00	21.19 -2.89 2.15	18.35 -4.43 17.39	24.31 -2.65 0.00	34.23 -3.60 0.00	29.81 -3.19 0.00	33.62 -3.75 0.00	27.43 -2.98 0.00	26.61 -3.12 0.00	26.58 -3.11 0.00	26.48 -2.81 0.00	35.52 -3.66 0.00	26.79 -2.96 0.00	23.46 -2.73 0.00	27.57 -3.25 0.00	25.99 -2.70 0.00	21.42 -2.04 0.00	21.39 -1.75 0.00
NINE_MILE_1 23575	21.30 -0.73 0.00	19.45 -0.68 0.00	19.19 -0.67 0.00	17.80 -0.62 0.00	18.63 -0.65 0.00	21.35 -0.75 0.00	22.01 -0.85 0.00	22.56 -1.10 2.57	20.26 -1.80 18.10	25.79 -1.17 0.00	36.25 -1.58 0.00	31.63 -1.37 0.00	35.79 -1.57 0.00	29.16 -1.25 0.00	28.51 -1.22 0.00	28.49 -1.20 0.00	28.23 -1.05 0.00	37.82 -1.36 0.00	28.70 -1.05 0.00	25.24 -0.95 0.00	29.59 -1.22 0.00	27.52 -1.17 0.00	22.55 -0.91 0.00	22.31 -0.82 0.00
NINE_MILE_2 23744	21.31 -0.73 0.00	19.45 -0.68 0.00	19.19 -0.67 0.00	17.80 -0.62 0.00	18.63 -0.65 0.00	21.35 -0.75 0.00	22.01 -0.85 0.00	22.55 -1.10 2.57	20.23 -1.80 18.13	25.79 -1.17 0.00	36.25 -1.58 0.00	31.63 -1.37 0.00	35.79 -1.57 0.00	29.16 -1.25 0.00	28.51 -1.22 0.00	28.49 -1.20 0.00	28.24 -1.05 0.00	37.82 -1.36 0.00	28.70 -1.05 0.00	25.24 -0.95 0.00	29.59 -1.22 0.00	27.52 -1.17 0.00	22.55 -0.91 0.00	22.31 -0.82 0.00
NM_CAPITAL___DRP 24208	22.12 0.08 0.00	20.26 0.13 0.00	19.98 0.12 0.00	18.57 0.15 0.00	19.47 0.18 0.00	22.23 0.13 0.00	23.08 0.22 0.00	26.29 0.47 0.41	37.99 0.74 2.91	27.47 0.51 0.00	38.45 0.62 0.00	33.48 0.48 0.00	37.90 0.53 0.00	30.85 0.44 0.00	30.19 0.46 0.00	30.28 0.58 0.00	30.06 0.77 0.00	40.35 1.18 0.00	30.67 0.92 0.00	26.98 0.79 0.00	31.49 0.67 0.00	29.15 0.46 0.00	23.76 0.31 0.00	23.32 0.18 0.00
NM_CENTRAL___DRP 24181	21.64 -0.39 0.00	19.75 -0.38 0.00	19.48 -0.38 0.00	18.08 -0.35 0.00	18.93 -0.35 0.00	21.70 -0.39 0.00	22.41 -0.45 0.00	23.51 -0.67 2.04	24.61 -1.21 14.34	26.32 -0.64 0.00	37.05 -0.78 0.00	32.31 -0.69 0.00	36.57 -0.80 0.00	29.81 -0.61 0.00	29.16 -0.57 0.00	29.14 -0.55 0.00	28.95 -0.34 0.00	38.79 -0.38 0.00	29.44 -0.31 0.00	25.85 -0.34 0.00	30.27 -0.55 0.00	28.13 -0.57 0.00	23.05 -0.40 0.00	22.82 -0.32 0.00
NM_FRONTIER___DRP 24179	20.21 -1.82 0.00	18.37 -1.76 0.00	18.17 -1.69 0.00	16.84 -1.58 0.00	17.62 -1.66 0.00	20.28 -1.82 0.00	20.57 -2.29 0.00	20.93 -3.16 2.15	20.35 -4.74 15.08	24.04 -2.92 0.00	33.81 -4.02 0.00	29.45 -3.55 0.00	33.20 -4.16 0.00	27.10 -3.31 0.00	26.23 -3.49 0.00	26.21 -3.48 0.00	26.13 -3.16 0.00	35.04 -4.14 0.00	26.42 -3.33 0.00	23.14 -3.05 0.00	27.21 -3.61 0.00	25.68 -3.02 0.00	21.13 -2.33 0.00	21.06 -2.07 0.00
NM_ST_REGIS___HYD 24053	22.79 0.75 0.00	20.80 0.67 0.00	20.52 0.66 0.00	19.01 0.59 0.00	19.80 0.52 0.00	22.50 0.40 0.00	23.21 0.34 0.00	26.16 0.26 0.32	38.10 0.21 2.28	27.20 0.24 0.00	38.30 0.47 0.00	33.53 0.53 0.00	37.92 0.55 0.00	30.77 0.36 0.00	29.90 0.17 0.00	29.67 -0.02 0.00	28.62 -0.66 0.00	37.97 -1.21 0.00	28.75 -0.99 0.00	25.34 -0.85 0.00	30.34 -0.47 0.00	28.88 0.18 0.00	23.77 0.31 0.00	23.61 0.47 0.00

NORTHPORT___1 23551	22.77 0.74 0.00	20.84 0.72 0.00	20.63 0.77 0.00	19.11 0.69 0.00	20.05 0.76 0.00	23.03 0.93 0.00	24.16 1.30 0.00	27.19 1.50 0.53	38.52 2.12 3.76	28.70 1.75 0.00	40.50 2.66 0.00	35.00 2.00 0.00	39.77 2.40 0.00	32.58 2.17 0.00	32.00 2.27 0.00	37.00 2.54 -4.76	36.29 2.88 -4.13	42.97 3.79 0.00	32.36 2.61 0.00	28.47 2.28 0.00	33.22 2.41 0.00	30.43 1.74 0.00	24.96 1.50 0.00	24.62 1.49 0.00
NORTHPORT___2 23552	22.77 0.74 0.00	20.84 0.72 0.00	20.63 0.77 0.00	19.11 0.69 0.00	20.05 0.76 0.00	23.03 0.93 0.00	24.16 1.30 0.00	27.19 1.50 0.53	38.52 2.12 3.76	28.70 1.75 0.00	40.50 2.66 0.00	35.00 2.00 0.00	39.77 2.40 0.00	32.58 2.17 0.00	32.00 2.27 0.00	37.00 2.54 -4.76	36.29 2.88 -4.13	42.97 3.79 0.00	32.36 2.61 0.00	28.47 2.28 0.00	33.22 2.41 0.00	30.43 1.74 0.00	24.96 1.50 0.00	24.62 1.49 0.00
NORTHPORT___3 23553	22.62 0.59 0.00	20.69 0.56 0.00	20.45 0.59 0.00	18.97 0.55 0.00	19.89 0.61 0.00	22.86 0.76 0.00	23.91 1.05 0.00	26.98 1.29 0.53	38.22 1.82 3.76	28.45 1.48 0.00	40.20 2.37 0.00	34.79 1.79 0.00	39.51 2.14 0.00	32.39 1.98 0.00	31.83 2.10 0.00	36.82 2.32 -4.80	36.06 2.61 -4.16	42.63 3.45 0.00	32.13 2.38 0.00	28.25 2.06 0.00	32.93 2.12 0.00	30.22 1.53 0.00	24.77 1.31 0.00	24.48 1.35 0.00
NORTHPORT___4 23650	22.62 0.59 0.00	20.69 0.56 0.00	20.45 0.59 0.00	18.97 0.55 0.00	19.89 0.61 0.00	22.86 0.76 0.00	23.91 1.05 0.00	26.98 1.29 0.53	38.22 1.82 3.76	28.45 1.48 0.00	40.20 2.37 0.00	34.79 1.79 0.00	39.51 2.14 0.00	32.39 1.98 0.00	31.83 2.10 0.00	36.82 2.32 -4.80	36.06 2.61 -4.16	42.63 3.45 0.00	32.13 2.38 0.00	28.25 2.06 0.00	32.93 2.12 0.00	30.22 1.53 0.00	24.77 1.31 0.00	24.48 1.35 0.00
NORTHPORT___IC 23718	22.77 0.74 0.00	20.84 0.72 0.00	20.63 0.77 0.00	19.11 0.69 0.00	20.05 0.76 0.00	23.03 0.93 0.00	24.16 1.30 0.00	27.19 1.50 0.53	38.52 2.12 3.76	28.70 1.75 0.00	40.50 2.66 0.00	35.00 2.00 0.00	39.77 2.40 0.00	32.58 2.17 0.00	32.00 2.27 0.00	37.00 2.54 -4.76	36.29 2.88 -4.13	42.97 3.79 0.00	32.36 2.61 0.00	28.47 2.28 0.00	33.22 2.41 0.00	30.43 1.74 0.00	24.96 1.50 0.00	24.62 1.49 0.00
NORTH___COUNTRY_ESR 323785	23.05 1.01 0.00	21.05 0.92 0.00	20.74 0.88 0.00	19.22 0.80 0.00	20.09 0.81 0.00	22.95 0.85 0.00	23.71 0.84 0.00	26.95 0.88 0.16	40.14 1.09 1.11	27.82 0.86 0.00	38.99 1.16 0.00	33.99 0.99 0.00	38.38 1.01 0.00	31.12 0.70 0.00	30.19 0.46 0.00	29.78 0.09 0.00	28.69 -0.60 0.00	37.82 -1.36 0.00	28.71 -1.04 0.00	25.11 -1.08 0.00	29.92 -0.89 0.00	28.47 -0.22 0.00	23.42 -0.03 0.00	23.57 0.43 0.00
NPX_GEN_1385_PROXY 323591	22.40 0.37 0.00	20.63 0.50 0.00	20.48 0.62 0.00	18.98 0.56 0.00	19.90 0.62 0.00	22.65 0.56 0.00	24.35 1.49 0.00	27.83 1.37 -0.24	37.80 1.47 3.83	28.25 1.29 0.00	40.51 2.68 0.00	34.70 1.70 0.00	39.34 1.98 0.00	32.14 1.73 0.00	31.47 1.75 0.00	40.60 2.12 -8.78	36.02 2.60 -4.13	42.76 3.16 -0.42	31.51 1.76 0.00	27.77 1.58 0.00	32.77 1.96 0.00	29.73 1.04 0.00	24.69 1.23 0.00	25.27 0.95 -1.18
NPX_GEN_CSC 323557	23.12 1.09 0.00	21.13 1.00 0.00	20.89 1.03 0.00	19.36 0.94 0.00	20.32 1.04 0.00	23.38 1.28 0.00	24.03 1.17 0.00	27.83 1.36 -0.24	38.44 2.11 3.83	29.03 2.07 0.00	40.41 2.58 0.00	34.86 1.86 0.00	39.66 2.29 0.00	32.57 2.15 0.00	31.91 2.18 0.00	41.08 2.55 -8.84	36.32 2.84 -4.18	43.43 3.83 -0.42	32.43 2.68 0.00	28.52 2.33 0.00	33.22 2.40 0.00	30.41 1.72 0.00	24.92 1.46 0.00	26.29 1.98 -1.18
NSINS_S_GLNS_FALLS 23858	22.72 0.69 0.00	20.76 0.63 0.00	20.55 0.69 0.00	19.10 0.68 0.00	20.01 0.73 0.00	23.18 1.09 0.00	24.21 1.35 0.00	27.63 1.81 0.40	40.17 2.84 2.82	28.90 1.94 0.00	40.40 2.57 0.00	34.98 1.99 0.00	39.32 1.96 0.00	31.75 1.34 0.00	30.76 1.03 0.00	30.87 1.18 0.00	30.72 1.43 0.00	41.20 2.02 0.00	31.36 1.61 0.00	27.56 1.37 0.00	31.90 1.09 0.00	29.55 0.85 0.00	24.04 0.58 0.00	23.52 0.39 0.00
NUCOR_STEEL___DRP 24197	22.01 -0.02 0.00	20.07 -0.06 0.00	19.77 -0.09 0.00	18.37 -0.05 0.00	19.23 -0.06 0.00	22.09 0.00 0.00	22.69 -0.17 0.00	23.79 -0.32 2.12	25.10 -0.29 14.78	27.20 0.24 0.00	38.23 0.40 0.00	33.21 0.21 0.00	37.68 0.31 0.00	30.61 0.20 0.00	29.96 0.23 0.00	29.94 0.25 0.00	29.90 0.62 0.00	40.17 0.99 0.00	30.50 0.75 0.00	26.69 0.50 0.00	31.23 0.42 0.00	28.99 0.30 0.00	23.70 0.24 0.00	23.44 0.30 0.00
NUMBER_THREE_WT_PWR 323818	22.13 0.10 0.00	20.26 0.13 0.00	20.11 0.25 0.00	18.66 0.24 0.00	19.46 0.18 0.00	22.27 0.17 0.00	23.16 0.30 0.00	25.66 0.30 0.86	34.45 0.35 6.06	27.22 0.25 0.00	37.88 0.05 0.00	32.82 -0.17 0.00	36.73 -0.64 0.00	29.84 -0.57 0.00	29.03 -0.70 0.00	29.14 -0.56 0.00	29.12 -0.16 0.00	38.93 -0.25 0.00	29.27 -0.48 0.00	25.97 -0.22 0.00	30.63 -0.19 0.00	28.53 -0.17 0.00	23.03 -0.43 0.00	22.97 -0.16 0.00
NYISO_LBMP_REFERENCE 24008	22.03 0.00 0.00	20.13 0.00 0.00	19.86 0.00 0.00	18.42 0.00 0.00	19.28 0.00 0.00	22.10 0.00 0.00	22.86 0.00 0.00	26.23 0.00 0.00	40.16 0.00 0.00	26.96 0.00 0.00	37.83 0.00 0.00	33.00 0.00 0.00	37.37 0.00 0.00	30.41 0.00 0.00	29.73 0.00 0.00	29.69 0.00 0.00	29.29 0.00 0.00	39.18 0.00 0.00	29.75 0.00 0.00	26.19 0.00 0.00	30.82 0.00 0.00	28.69 0.00 0.00	23.46 0.00 0.00	23.13 0.00 0.00
NYPA_BRENTWD___GT 24164	23.01 0.98 0.00	21.05 0.92 0.00	20.82 0.96 0.00	19.29 0.87 0.00	20.24 0.96 0.00	23.28 1.19 0.00	24.36 1.50 0.00	27.51 1.82 0.53	39.06 2.66 3.76	29.11 2.15 0.00	40.97 3.13 0.00	35.38 2.39 0.00	40.17 2.81 0.00	32.93 2.52 0.00	32.39 2.66 0.00	37.53 2.95 -4.89	36.86 3.32 -4.25	43.64 4.46 0.00	32.90 3.15 0.00	28.94 2.75 0.00	33.72 2.91 0.00	30.89 2.20 0.00	25.29 1.83 0.00	24.98 1.84 0.00
NYPA_GOWANUS___GT5 24156	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00
NYPA_GOWANUS___GT6 24157	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.27 1.87 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.17 1.76 0.00	31.61 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.34 2.59 0.00	28.43 2.24 0.00	33.04 2.22 0.00	30.38 1.69 0.00	24.73 1.27 0.00	24.22 1.09 0.00

NYPA_HARLEM__RVR__GT1 24160	22.54 0.51 0.00	20.63 0.51 0.00	20.37 0.51 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.73 0.64 0.00	23.82 0.96 0.00	26.91 1.22 0.54	37.96 1.57 3.77	28.16 1.20 0.01	39.46 1.63 0.01	34.50 1.51 0.00	39.19 1.82 0.00	32.03 1.61 0.00	31.43 1.70 0.00	31.55 1.85 0.00	31.44 2.16 0.01	42.26 3.09 0.01	32.11 2.36 0.00	28.24 2.05 0.00	32.83 2.01 0.00	30.18 1.49 0.00	24.56 1.11 0.00	24.10 0.97 0.00
NYPA_HARLEM__RVR__GT2 24161	22.54 0.51 0.00	20.63 0.51 0.00	20.37 0.51 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.73 0.64 0.00	23.82 0.96 0.00	26.91 1.22 0.54	37.96 1.57 3.77	28.16 1.20 0.01	39.46 1.63 0.01	34.50 1.51 0.00	39.19 1.82 0.00	32.03 1.61 0.00	31.43 1.70 0.00	31.55 1.85 0.00	31.44 2.16 0.01	42.26 3.09 0.01	32.11 2.36 0.00	28.24 2.05 0.00	32.83 2.01 0.00	30.18 1.49 0.00	24.56 1.11 0.00	24.10 0.97 0.00
NYPA_KENT____GT 24152	22.59 0.55 0.00	20.69 0.56 0.00	20.44 0.58 0.00	18.94 0.52 0.00	19.85 0.56 0.00	22.77 0.68 0.00	23.86 1.00 0.00	27.04 1.35 0.53	38.26 1.86 3.76	28.35 1.39 0.00	39.69 1.86 0.00	34.63 1.64 0.00	39.37 2.00 0.00	32.17 1.76 0.00	31.61 1.89 0.00	31.73 2.03 0.00	31.66 2.36 0.00	42.53 3.35 0.00	32.30 2.55 0.00	28.40 2.21 0.00	33.01 2.19 0.00	30.36 1.67 0.00	24.71 1.25 0.00	24.20 1.07 0.00
NYPA_POUCH1____GT 24155	22.54 0.51 0.00	20.64 0.51 0.00	20.40 0.54 0.00	18.90 0.48 0.00	19.81 0.53 0.00	22.74 0.65 0.00	23.82 0.96 0.00	27.00 1.31 0.53	38.16 1.76 3.76	28.29 1.33 0.00	39.61 1.79 0.00	34.57 1.57 0.00	39.27 1.91 0.00	32.07 1.66 0.00	31.50 1.77 0.00	31.66 1.96 0.00	31.57 2.29 0.00	42.49 3.31 0.00	32.29 2.54 0.00	28.40 2.21 0.00	32.99 2.17 0.00	30.35 1.66 0.00	24.70 1.25 0.00	24.20 1.07 0.00
NYPA_VERNON____GT2 24162	22.59 0.56 0.00	20.69 0.56 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.76 0.67 0.00	23.85 0.99 0.00	27.03 1.33 0.53	38.25 1.86 3.76	28.34 1.38 0.00	39.66 1.83 0.00	34.61 1.62 0.00	39.34 1.97 0.00	32.16 1.75 0.00	31.61 1.89 0.00	31.72 2.03 0.00	31.65 2.36 0.00	42.51 3.34 0.00	32.27 2.52 0.00	28.36 2.17 0.00	32.97 2.15 0.00	30.34 1.65 0.00	24.69 1.24 0.00	24.19 1.05 0.00
NYPA_VERNON____GT3 24163	22.59 0.56 0.00	20.69 0.56 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.76 0.67 0.00	23.85 0.99 0.00	27.03 1.33 0.53	38.25 1.86 3.76	28.34 1.38 0.00	39.66 1.83 0.00	34.61 1.62 0.00	39.34 1.97 0.00	32.16 1.75 0.00	31.61 1.89 0.00	31.72 2.03 0.00	31.65 2.36 0.00	42.51 3.34 0.00	32.27 2.52 0.00	28.36 2.17 0.00	32.97 2.15 0.00	30.34 1.65 0.00	24.69 1.24 0.00	24.19 1.05 0.00
NYPA__ASTORIA_CC1 323568	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.14 1.74 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.24 1.87 0.00	32.08 1.67 0.00	31.55 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
NYPA__ASTORIA_CC2 323569	22.55 0.51 0.00	20.66 0.53 0.00	20.41 0.55 0.00	18.92 0.50 0.00	19.82 0.54 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.96 1.27 0.53	38.14 1.74 3.76	28.26 1.30 0.00	39.55 1.72 0.00	34.51 1.52 0.00	39.24 1.87 0.00	32.08 1.67 0.00	31.55 1.82 0.00	31.65 1.95 0.00	31.58 2.29 0.00	42.41 3.23 0.00	32.19 2.44 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.26 1.57 0.00	24.64 1.18 0.00	24.14 1.00 0.00
NYPA__HOLTSVILL 23794	22.97 0.93 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.13 0.00	24.19 1.33 0.00	27.29 1.59 0.53	38.75 2.35 3.76	28.97 2.01 0.00	40.66 2.83 0.00	35.11 2.11 0.00	39.88 2.51 0.00	32.71 2.29 0.00	32.12 2.39 0.00	37.22 2.71 -4.82	36.52 3.05 -4.18	43.26 4.08 0.00	32.62 2.87 0.00	28.70 2.51 0.00	33.43 2.62 0.00	30.64 1.94 0.00	25.10 1.64 0.00	24.91 1.77 0.00
NYPA__HELLGATE_GT1 24158	22.52 0.48 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.72 0.63 0.00	23.80 0.94 0.00	26.89 1.20 0.54	37.92 1.53 3.77	28.12 1.17 0.01	39.40 1.58 0.01	34.48 1.48 0.00	39.16 1.80 0.00	32.00 1.59 0.00	31.39 1.67 0.00	31.52 1.83 0.00	31.41 2.13 0.01	42.25 3.07 0.01	32.08 2.33 0.00	28.21 2.02 0.00	32.80 1.99 0.00	30.15 1.46 0.00	24.54 1.08 0.00	24.09 0.95 0.00
NYPA__HELLGATE_GT2 24159	22.52 0.48 0.00	20.62 0.49 0.00	20.35 0.49 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.72 0.63 0.00	23.80 0.94 0.00	26.89 1.20 0.54	37.92 1.53 3.77	28.12 1.17 0.01	39.40 1.58 0.01	34.48 1.48 0.00	39.16 1.80 0.00	32.00 1.59 0.00	31.39 1.67 0.00	31.52 1.83 0.00	31.41 2.13 0.01	42.25 3.07 0.01	32.08 2.33 0.00	28.21 2.02 0.00	32.80 1.99 0.00	30.15 1.46 0.00	24.54 1.08 0.00	24.09 0.95 0.00
NYS_BARGE__HYD 23848	20.74 -1.30 0.00	18.47 -1.37 0.29	18.49 -1.32 0.06	17.20 -1.23 0.00	17.99 -1.30 0.00	20.71 -1.39 0.00	21.04 -1.82 0.00	21.42 -2.65 2.15	18.92 -4.00 17.24	24.55 -2.41 0.00	34.53 -3.30 0.00	30.08 -2.92 0.00	33.91 -3.46 0.00	27.69 -2.72 0.00	26.93 -2.80 0.00	26.92 -2.77 0.00	26.86 -2.43 0.00	36.05 -3.13 0.00	27.18 -2.58 0.00	23.81 -2.38 0.00	27.97 -2.85 0.00	26.46 -2.23 0.00	21.81 -1.64 0.00	21.74 -1.40 0.00
OAK_ORCHARD__HYD 24046	21.30 -0.74 0.00	19.16 -0.80 0.17	19.06 -0.77 0.03	17.71 -0.72 0.00	18.54 -0.75 0.00	21.30 -0.79 0.00	21.84 -1.02 0.00	22.60 -1.43 2.19	21.38 -2.29 16.49	25.70 -1.26 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.72 -1.65 0.00	29.12 -1.30 0.00	28.35 -1.38 0.00	28.33 -1.36 0.00	28.19 -1.10 0.00	37.82 -1.35 0.00	28.59 -1.16 0.00	25.05 -1.13 0.00	29.37 -1.45 0.00	28.60 -0.09 0.00	23.35 -0.11 0.00	22.91 -0.23 0.00
OAKDALE__35_KV_LOAD 356122	21.93 -0.10 0.00	19.99 -0.14 0.00	19.71 -0.15 0.00	18.27 -0.16 0.00	19.14 -0.14 0.00	21.99 -0.11 0.00	22.73 -0.13 0.00	24.36 -0.22 1.64	28.14 -0.47 11.55	26.84 -0.12 0.00	37.70 -0.13 0.00	32.90 -0.10 0.00	37.30 -0.07 0.00	30.38 -0.03 0.00	29.80 0.07 0.00	29.69 0.00 0.00	29.50 0.21 0.00	39.63 0.45 0.00	30.10 0.35 0.00	26.40 0.21 0.00	30.87 0.06 0.00	28.69 0.00 0.00	23.49 0.03 0.00	23.18 0.04 0.00
OCC_CHEM__DRP 24175	20.26 -1.77 0.00	18.40 -1.72 0.00	18.20 -1.66 0.00	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	20.41 -4.67 15.08	24.09 -2.87 0.00	33.89 -3.94 0.00	29.51 -3.48 0.00	33.27 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.19 -3.10 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00

OH_GEN_PROXY 24063	20.53 -1.51 0.00	18.26 -1.55 0.31	24.49 -1.49 -6.12	23.53 -1.39 -6.49	35.04 -1.46 -17.21	38.08 -1.59 -17.57	37.13 -2.01 -16.27	22.06 -2.79 1.38	18.35 -4.30 17.51	43.59 -2.55 -19.18	55.35 -3.45 -20.97	52.62 -3.04 -22.66	54.85 -3.58 -21.06	44.23 -2.85 -16.66	26.76 -2.97 0.00	30.73 -2.98 -4.02	26.60 -2.69 0.00	36.11 -3.49 -0.42	26.92 -2.83 0.00	23.58 -2.61 0.00	42.47 -3.13 -14.79	39.81 -2.60 -13.72	29.05 -1.97 -7.55	29.95 -1.70 -8.52
OLIN_CORP_DRP 24177	20.45 -1.59 0.00	18.50 -1.63 0.00	18.29 -1.57 0.00	16.96 -1.46 0.00	17.74 -1.54 0.00	20.42 -1.68 0.00	20.73 -2.13 0.00	21.02 -3.07 2.14	20.48 -4.63 15.05	24.12 -2.84 0.00	33.92 -3.91 0.00	29.53 -3.47 0.00	33.29 -4.08 0.00	27.17 -3.24 0.00	26.46 -3.26 0.00	26.46 -3.24 0.00	26.39 -2.90 0.00	35.39 -3.79 0.00	26.69 -3.07 0.00	23.37 -2.82 0.00	27.47 -3.34 0.00	25.96 -2.73 0.00	21.42 -2.03 0.00	21.39 -1.75 0.00
OLIN_CORP_DSASP 323712	20.26 -1.77 0.00	18.09 -1.72 0.31	18.13 -1.67 0.06	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	18.06 -4.69 17.41	24.09 -2.88 0.00	33.89 -3.94 0.00	29.51 -3.49 0.00	33.26 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.20 -3.09 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
ONEIDA_HERK_LFGE 323681	22.36 0.32 0.00	20.44 0.31 0.00	20.22 0.36 0.00	18.76 0.34 0.00	19.62 0.33 0.00	22.49 0.39 0.00	23.38 0.51 0.00	26.14 0.62 0.71	36.19 1.01 4.97	27.60 0.64 0.00	38.58 0.76 0.00	33.55 0.55 0.00	37.77 0.40 0.00	30.75 0.34 0.00	30.03 0.30 0.00	30.07 0.38 0.00	29.93 0.65 0.00	40.11 0.93 0.00	30.31 0.56 0.00	26.74 0.55 0.00	31.41 0.59 0.00	29.18 0.49 0.00	23.68 0.22 0.00	23.42 0.29 0.00
ONEIDA___115KV_TB4 55905	22.50 0.46 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.85 0.43 0.00	19.73 0.45 0.00	22.66 0.56 0.00	23.53 0.67 0.00	25.86 0.79 1.16	33.27 1.25 8.14	27.80 0.84 0.00	38.98 1.15 0.00	33.93 0.93 0.00	38.28 0.91 0.00	31.23 0.82 0.00	30.56 0.83 0.00	30.58 0.88 0.00	30.41 1.12 0.00	40.69 1.52 0.00	30.86 1.12 0.00	27.13 0.94 0.00	31.77 0.95 0.00	29.45 0.76 0.00	24.00 0.54 0.00	23.66 0.52 0.00
ONONDAGA_REF_OCCRA 23987	21.82 -0.22 0.00	19.90 -0.23 0.00	19.63 -0.23 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.88 -0.22 0.00	22.60 -0.26 0.00	23.75 -0.42 2.05	24.98 -0.78 14.40	26.62 -0.34 0.00	37.46 -0.37 0.00	32.67 -0.33 0.00	36.97 -0.40 0.00	30.13 -0.28 0.00	29.50 -0.23 0.00	29.47 -0.22 0.00	29.29 0.00 0.00	39.26 0.08 0.00	29.80 0.06 0.00	26.16 -0.03 0.00	30.62 -0.19 0.00	28.45 -0.24 0.00	23.31 -0.15 0.00	23.05 -0.08 0.00
ONONDAGA___COGEN 23986	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.64 -0.45 2.14	24.58 -0.63 14.94	26.82 -0.14 0.00	37.72 -0.11 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.05 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00
ONTARIO___LFGE 23819	22.35 0.32 0.00	20.47 0.22 -0.12	20.04 0.16 -0.02	18.40 -0.02 0.00	19.40 0.12 0.00	22.34 0.25 0.00	22.65 -0.20 0.00	23.79 -0.33 2.10	24.84 -0.62 14.69	26.81 -0.15 0.00	37.48 -0.35 0.00	32.81 -0.19 0.00	37.03 -0.33 0.00	30.29 -0.12 0.00	29.67 -0.06 0.00	29.58 -0.11 0.00	29.45 0.16 0.00	39.51 0.33 0.00	29.99 0.24 0.00	26.20 0.02 0.00	30.78 -0.04 0.00	28.66 -0.04 0.00	23.46 0.00 0.00	23.28 0.14 0.00
ORANGEVILLE_WT_PWR 323706	20.87 -1.16 0.00	18.54 -1.25 0.34	18.50 -1.29 0.07	17.22 -1.20 0.00	17.93 -1.35 0.00	20.56 -1.53 0.00	20.85 -2.01 0.00	21.24 -2.85 2.13	18.25 -4.36 17.55	24.29 -2.67 0.00	34.20 -3.63 0.00	29.80 -3.20 0.00	33.70 -3.67 0.00	27.66 -2.75 0.00	26.80 -2.93 0.00	26.80 -2.90 0.00	26.66 -2.63 0.00	35.66 -3.52 0.00	26.90 -2.85 0.00	23.69 -2.50 0.00	27.91 -2.90 0.00	26.52 -2.17 0.00	21.90 -1.56 0.00	21.80 -1.33 0.00
ORANGEVILLE___ESR 323794	20.87 -1.16 0.00	18.54 -1.25 0.34	18.50 -1.29 0.07	17.22 -1.20 0.00	17.93 -1.35 0.00	20.56 -1.53 0.00	20.85 -2.01 0.00	21.24 -2.85 2.13	18.25 -4.36 17.55	24.29 -2.67 0.00	34.20 -3.63 0.00	29.80 -3.20 0.00	33.70 -3.67 0.00	27.66 -2.75 0.00	26.80 -2.93 0.00	26.80 -2.90 0.00	26.66 -2.63 0.00	35.66 -3.52 0.00	26.90 -2.85 0.00	23.69 -2.50 0.00	27.91 -2.90 0.00	26.52 -2.17 0.00	21.90 -1.56 0.00	21.80 -1.33 0.00
OSWEGATCHIE___HYD 24044	22.15 0.12 0.00	20.24 0.12 0.00	20.03 0.17 0.00	18.58 0.15 0.00	19.35 0.06 0.00	22.04 -0.06 0.00	22.83 -0.03 0.00	25.44 -0.14 0.65	35.23 -0.34 4.58	26.77 -0.19 0.00	37.51 -0.32 0.00	32.70 -0.30 0.00	36.82 -0.55 0.00	29.91 -0.51 0.00	29.08 -0.64 0.00	29.04 -0.65 0.00	28.54 -0.75 0.00	37.99 -1.19 0.00	28.68 -1.07 0.00	25.35 -0.84 0.00	30.15 -0.66 0.00	28.37 -0.32 0.00	23.15 -0.31 0.00	23.01 -0.12 0.00
OSWEGO___5 23606	21.47 -0.56 0.00	19.60 -0.53 0.00	19.34 -0.52 0.00	17.94 -0.48 0.00	18.78 -0.50 0.00	21.53 -0.57 0.00	22.20 -0.66 0.00	22.96 -0.87 2.39	21.82 -1.49 16.86	26.03 -0.93 0.00	36.59 -1.24 0.00	31.92 -1.08 0.00	36.13 -1.24 0.00	29.43 -0.98 0.00	28.79 -0.94 0.00	28.76 -0.93 0.00	28.52 -0.77 0.00	38.20 -0.97 0.00	28.99 -0.76 0.00	25.49 -0.70 0.00	29.88 -0.94 0.00	27.78 -0.91 0.00	22.76 -0.70 0.00	22.50 -0.63 0.00
OSWEGO___6 23613	21.47 -0.56 0.00	19.60 -0.53 0.00	19.34 -0.52 0.00	17.94 -0.48 0.00	18.78 -0.50 0.00	21.53 -0.57 0.00	22.20 -0.66 0.00	22.96 -0.87 2.39	21.82 -1.49 16.86	26.03 -0.93 0.00	36.59 -1.24 0.00	31.92 -1.08 0.00	36.13 -1.24 0.00	29.43 -0.98 0.00	28.79 -0.94 0.00	28.76 -0.93 0.00	28.52 -0.77 0.00	38.20 -0.97 0.00	28.99 -0.76 0.00	25.49 -0.70 0.00	29.88 -0.94 0.00	27.78 -0.91 0.00	22.76 -0.70 0.00	22.50 -0.63 0.00
OUTOKUMPU-AB___DRP 24206	20.88 -1.16 0.00	18.91 -1.22 0.00	18.70 -1.17 0.00	17.33 -1.09 0.00	18.13 -1.15 0.00	20.88 -1.21 0.00	21.22 -1.65 0.00	21.67 -2.42 2.14	21.44 -3.67 15.04	24.76 -2.20 0.00	34.83 -3.00 0.00	30.34 -2.66 0.00	34.21 -3.16 0.00	27.94 -2.47 0.00	27.12 -2.61 0.00	27.08 -2.62 0.00	27.03 -2.26 0.00	36.27 -2.91 0.00	27.36 -2.39 0.00	23.96 -2.23 0.00	28.15 -2.67 0.00	26.58 -2.11 0.00	21.87 -1.59 0.00	21.77 -1.37 0.00
OXBOW___BTM 323836	20.63 -1.40 0.00	18.71 -1.42 0.00	18.50 -1.36 0.00	17.15 -1.27 0.00	17.95 -1.34 0.00	20.66 -1.43 0.00	20.98 -1.88 0.00	21.40 -2.68 2.14	21.05 -4.05 15.06	24.51 -2.45 0.00	34.48 -3.35 0.00	30.03 -2.96 0.00	33.86 -3.51 0.00	27.64 -2.77 0.00	26.81 -2.92 0.00	26.77 -2.92 0.00	26.70 -2.58 0.00	35.84 -3.34 0.00	27.02 -2.73 0.00	23.66 -2.52 0.00	27.81 -3.00 0.00	26.25 -2.45 0.00	21.59 -1.86 0.00	21.51 -1.63 0.00

OXBOW____ 24026	20.63 -1.41 0.00	18.39 -1.42 0.32	18.43 -1.37 0.06	17.15 -1.27 0.00	17.95 -1.34 0.00	20.66 -1.44 0.00	20.98 -1.88 0.00	21.41 -2.68 2.14	18.68 -4.06 17.42	24.51 -2.45 0.00	34.48 -3.35 0.00	30.02 -2.97 0.00	33.85 -3.52 0.00	27.65 -2.76 0.00	26.80 -2.93 0.00	26.77 -2.93 0.00	26.71 -2.58 0.00	35.83 -3.35 0.00	27.02 -2.73 0.00	23.67 -2.52 0.00	27.81 -3.00 0.00	26.25 -2.45 0.00	21.59 -1.86 0.00	21.51 -1.63 0.00
OXY_CHEM_DSASP 323612	20.26 -1.77 0.00	18.40 -1.72 0.00	18.20 -1.66 0.00	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	20.41 -4.67 15.08	24.09 -2.87 0.00	33.89 -3.94 0.00	29.51 -3.48 0.00	33.27 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.19 -3.10 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
OZONE_PARK_ESR 323760	22.80 0.77 0.00	20.87 0.74 0.00	20.60 0.74 0.00	19.08 0.66 0.00	20.01 0.72 0.00	22.96 0.86 0.00	24.07 1.21 0.00	27.31 1.62 0.53	38.69 2.29 3.76	28.67 1.71 0.00	40.12 2.29 0.00	34.98 1.99 0.00	39.75 2.39 0.00	32.51 2.10 0.00	31.93 2.20 0.00	32.04 2.34 0.00	31.99 2.70 0.00	42.98 3.80 0.00	32.63 2.88 0.00	28.66 2.47 0.00	33.32 2.50 0.00	30.67 1.97 0.00	24.95 1.49 0.00	24.43 1.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.26 -1.77 0.00	18.40 -1.72 0.00	18.20 -1.66 0.00	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	20.41 -4.67 15.08	24.09 -2.87 0.00	33.89 -3.94 0.00	29.51 -3.48 0.00	33.27 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.19 -3.10 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
PACKARD__115KV_DUPONT_184 80571	20.26 -1.77 0.00	18.40 -1.72 0.00	18.20 -1.66 0.00	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	20.41 -4.67 15.08	24.09 -2.87 0.00	33.89 -3.94 0.00	29.51 -3.48 0.00	33.27 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.19 -3.10 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.58 0.55 0.00	20.67 0.54 0.00	20.41 0.55 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.77 0.68 0.00	23.85 0.99 0.00	26.94 1.25 0.53	38.09 1.70 3.76	28.26 1.30 0.00	39.59 1.76 0.00	34.58 1.58 0.00	39.27 1.91 0.00	32.10 1.69 0.00	31.50 1.77 0.00	31.60 1.91 0.00	31.53 2.24 0.00	42.40 3.22 0.00	32.17 2.43 0.00	28.29 2.10 0.00	32.89 2.07 0.00	30.24 1.55 0.00	24.62 1.16 0.00	24.14 1.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.67 0.64 0.00	20.76 0.63 0.00	20.51 0.65 0.00	19.09 0.67 0.00	20.01 0.73 0.00	22.89 0.80 0.00	23.99 1.13 0.00	27.10 1.41 0.53	38.39 1.99 3.76	28.42 1.45 0.00	39.80 1.97 0.00	34.77 1.77 0.00	39.49 2.13 0.00	32.28 1.87 0.00	31.65 1.93 0.00	31.76 2.07 0.00	31.70 2.41 0.00	42.64 3.46 0.00	32.34 2.60 0.00	28.44 2.25 0.00	33.06 2.24 0.00	30.36 1.67 0.00	24.73 1.27 0.00	24.24 1.10 0.00
PATROON__115KV_TB1 80586	22.13 0.10 0.00	20.28 0.16 0.00	20.01 0.15 0.00	18.60 0.17 0.00	19.49 0.21 0.00	22.25 0.15 0.00	23.12 0.26 0.00	26.33 0.51 0.41	38.06 0.80 2.90	27.51 0.55 0.00	38.51 0.68 0.00	33.53 0.53 0.00	37.95 0.58 0.00	30.89 0.48 0.00	30.23 0.50 0.00	30.32 0.63 0.00	30.12 0.83 0.00	40.43 1.25 0.00	30.72 0.97 0.00	27.00 0.82 0.00	31.53 0.71 0.00	29.19 0.50 0.00	23.79 0.33 0.00	23.33 0.20 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.60 -0.44 0.00	19.56 -0.57 0.00	19.30 -0.56 0.00	17.87 -0.55 0.00	18.71 -0.57 0.00	21.54 -0.56 0.00	21.98 -0.88 0.00	23.04 -1.08 2.11	23.38 -1.96 14.82	25.77 -1.19 0.00	36.34 -1.49 0.00	31.73 -1.27 0.00	35.83 -1.53 0.00	29.24 -1.17 0.00	28.47 -1.25 0.00	28.37 -1.33 0.00	28.22 -1.06 0.00	37.93 -1.25 0.00	28.63 -1.12 0.00	25.08 -1.11 0.00	29.41 -1.41 0.00	27.69 -1.00 0.00	22.82 -0.64 0.00	22.67 -0.47 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.74 0.70 0.00	20.80 0.68 0.00	20.53 0.67 0.00	19.05 0.63 0.00	19.97 0.69 0.00	22.95 0.85 0.00	23.99 1.13 0.00	27.23 1.53 0.53	38.70 2.26 3.72	28.57 1.61 0.00	40.00 2.17 0.00	34.86 1.87 0.00	39.58 2.21 0.00	32.31 1.90 0.00	31.72 2.00 0.00	31.81 2.11 0.00	31.79 2.50 0.00	42.74 3.56 0.00	32.46 2.71 0.00	28.51 2.33 0.00	33.15 2.34 0.00	30.55 1.85 0.00	24.86 1.41 0.00	24.35 1.21 0.00
PEEKSKILL____ 23653	22.50 0.47 0.00	20.60 0.47 0.00	20.34 0.48 0.00	18.86 0.44 0.00	19.77 0.49 0.00	22.71 0.61 0.00	23.74 0.88 0.00	26.90 1.22 0.54	38.11 1.74 3.79	28.22 1.26 0.00	39.52 1.70 0.00	34.46 1.47 0.00	39.15 1.78 0.00	31.97 1.55 0.00	31.39 1.66 0.00	31.47 1.77 0.00	31.42 2.14 0.00	42.21 3.03 0.00	32.04 2.30 0.00	28.15 1.96 0.00	32.74 1.93 0.00	30.15 1.46 0.00	24.57 1.12 0.00	24.08 0.95 0.00
PGE MADISON__WINDPWR 24146	23.66 1.63 0.00	21.64 1.42 -0.10	21.26 1.38 -0.02	19.71 1.29 0.00	20.51 1.23 0.00	23.51 1.41 0.00	24.32 1.46 0.00	26.47 1.85 1.61	31.94 2.53 10.75	28.87 1.91 0.00	40.28 2.45 0.00	35.15 2.15 0.00	40.12 2.76 0.00	32.24 1.83 0.00	31.88 2.15 0.00	31.74 2.04 0.00	31.77 2.49 0.00	42.82 3.64 0.00	32.83 3.08 0.00	28.75 2.57 0.00	33.59 2.78 0.00	31.01 2.32 0.00	25.26 1.81 0.00	24.84 1.70 0.00
PIERCEFIELD__HYD 23852	22.62 0.59 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.89 0.46 0.00	19.64 0.36 0.00	22.29 0.19 0.00	22.99 0.12 0.00	25.85 -0.03 0.35	37.48 -0.19 2.49	26.91 -0.05 0.00	37.93 0.10 0.00	33.25 0.25 0.00	37.62 0.25 0.00	30.53 0.12 0.00	29.69 -0.04 0.00	29.51 -0.19 0.00	28.46 -0.82 0.00	37.82 -1.36 0.00	28.62 -1.13 0.00	25.27 -0.92 0.00	30.30 -0.52 0.00	28.82 0.13 0.00	23.72 0.26 0.00	23.50 0.37 0.00
PINELAWN_CC_1 323563	22.86 0.82 0.00	20.90 0.78 0.00	20.67 0.81 0.00	19.15 0.73 0.00	20.09 0.81 0.00	23.11 1.01 0.00	24.20 1.34 0.00	27.36 1.66 0.53	38.84 2.44 3.76	28.92 1.96 0.00	40.70 2.87 0.00	35.14 2.14 0.00	39.87 2.50 0.00	32.72 2.31 0.00	32.18 2.46 0.00	37.64 2.71 -5.24	36.98 3.08 -4.61	43.37 4.20 0.00	32.73 2.98 0.00	28.76 2.57 0.00	33.50 2.68 0.00	30.74 2.05 0.00	25.13 1.67 0.00	24.77 1.64 0.00
PJM_GEN_HTP_PROXY 323702	22.59 0.56 0.00	20.68 0.56 0.00	20.42 0.56 0.00	18.93 0.51 0.00	19.85 0.56 0.00	22.76 0.67 0.00	23.84 0.98 0.00	27.04 1.34 0.53	38.28 1.88 3.76	28.36 1.40 0.00	39.70 1.87 0.00	34.63 1.63 0.00	39.36 1.99 0.00	32.16 1.75 0.00	31.58 1.86 0.00	31.68 1.99 0.00	31.14 2.34 0.49	42.48 3.30 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.05 0.00

PJM_GEN_KEYSTONE 24065	21.82 -0.21 0.00	19.61 -0.24 0.27	19.59 -0.21 0.05	18.20 -0.22 0.00	19.08 -0.20 0.00	21.92 -0.18 0.00	22.69 -0.17 0.00	24.76 -0.23 1.24	28.82 -0.51 10.84	26.83 -0.13 0.00	37.72 -0.11 0.00	32.93 -0.06 0.00	37.36 -0.01 0.00	30.50 0.09 0.00	29.89 0.17 0.00	29.81 0.11 0.00	29.21 0.41 0.49	39.93 0.75 0.00	30.26 0.51 0.00	26.54 0.35 0.00	30.93 0.11 0.00	28.70 0.01 0.00	23.51 0.05 0.00	23.17 0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.61 0.58 0.00	20.69 0.56 0.00	20.45 0.59 0.00	18.96 0.53 0.00	19.88 0.59 0.00	22.85 0.76 0.00	23.93 1.07 0.00	27.04 1.35 0.53	38.35 1.95 3.76	28.53 1.57 0.00	40.12 2.29 0.00	34.74 1.74 0.00	39.49 2.12 0.00	32.34 1.93 0.00	31.78 2.05 0.00	36.21 2.26 -4.26	35.29 2.60 -3.41	42.69 3.51 0.00	32.26 2.51 0.00	28.37 2.18 0.00	33.04 2.23 0.00	30.36 1.66 0.00	24.81 1.36 0.00	24.42 1.28 0.00
PJM_GEN_VFT_PROXY 323633	22.48 0.44 0.00	20.59 0.46 0.00	20.35 0.49 0.00	18.86 0.43 0.00	19.76 0.48 0.00	22.66 0.56 0.00	23.73 0.87 0.00	26.91 1.21 0.53	38.06 1.66 3.76	28.21 1.25 0.00	39.47 1.64 0.00	34.44 1.44 0.00	39.14 1.77 0.00	31.99 1.58 0.00	31.43 1.70 0.00	31.52 1.83 0.00	30.99 2.20 0.49	42.26 3.09 0.00	32.09 2.34 0.00	28.20 2.01 0.00	32.77 1.95 0.00	30.16 1.47 0.00	24.55 1.09 0.00	24.05 0.91 0.00
PLATSBRG_115KV_PMLD1 355749	23.34 1.30 0.00	21.31 1.18 0.00	20.99 1.13 0.00	19.45 1.03 0.00	20.35 1.07 0.00	23.22 1.12 0.00	23.98 1.12 0.00	27.29 1.20 0.14	40.69 1.51 0.98	28.15 1.19 0.00	39.46 1.63 0.00	34.36 1.37 0.00	38.77 1.40 0.00	31.41 0.99 0.00	30.52 0.79 0.00	30.12 0.43 0.00	29.00 -0.28 0.00	38.12 -1.06 0.00	28.99 -0.76 0.00	25.30 -0.89 0.00	30.09 -0.72 0.00	28.69 0.00 0.00	23.58 0.13 0.00	23.80 0.67 0.00
PLEASANTVLY___LBMP 24000	22.45 0.41 0.00	20.54 0.41 0.00	20.27 0.41 0.00	18.80 0.38 0.00	19.71 0.42 0.00	22.61 0.52 0.00	23.62 0.76 0.00	26.76 1.05 0.51	38.07 1.53 3.62	28.07 1.11 0.00	39.31 1.48 0.00	34.27 1.27 0.00	38.88 1.51 0.00	31.72 1.31 0.00	31.13 1.40 0.00	31.20 1.51 0.00	31.15 1.86 0.00	41.83 2.65 0.00	31.77 2.02 0.00	27.93 1.74 0.00	32.49 1.67 0.00	29.95 1.26 0.00	24.42 0.96 0.00	23.93 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.57 0.53 0.00	20.66 0.53 0.00	20.40 0.54 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.75 0.66 0.00	23.81 0.95 0.00	26.99 1.30 0.53	38.26 1.84 3.74	28.31 1.35 0.00	39.64 1.81 0.00	34.56 1.56 0.00	39.25 1.88 0.00	32.05 1.64 0.00	31.46 1.74 0.00	31.56 1.86 0.00	31.51 2.23 0.00	42.31 3.13 0.00	32.12 2.37 0.00	28.22 2.03 0.00	32.82 2.01 0.00	30.23 1.54 0.00	24.63 1.17 0.00	24.13 1.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.57 0.53 0.00	20.66 0.53 0.00	20.40 0.54 0.00	18.92 0.50 0.00	19.83 0.54 0.00	22.75 0.66 0.00	23.81 0.95 0.00	26.99 1.30 0.53	38.26 1.84 3.74	28.31 1.35 0.00	39.64 1.81 0.00	34.56 1.56 0.00	39.25 1.88 0.00	32.05 1.64 0.00	31.46 1.74 0.00	31.56 1.86 0.00	31.51 2.23 0.00	42.31 3.13 0.00	32.12 2.37 0.00	28.22 2.03 0.00	32.82 2.01 0.00	30.23 1.54 0.00	24.63 1.17 0.00	24.13 1.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.61 0.57 0.00	20.69 0.56 0.00	20.42 0.56 0.00	18.94 0.52 0.00	19.85 0.56 0.00	22.80 0.70 0.00	23.83 0.97 0.00	27.07 1.37 0.52	38.51 2.04 3.70	28.39 1.43 0.00	39.66 1.83 0.00	34.56 1.56 0.00	39.19 1.82 0.00	31.99 1.58 0.00	31.40 1.67 0.00	31.47 1.77 0.00	31.44 2.15 0.00	42.26 3.09 0.00	32.10 2.36 0.00	28.22 2.03 0.00	32.81 1.99 0.00	30.25 1.56 0.00	24.64 1.19 0.00	24.14 1.00 0.00
POLETTI_____ 23519	22.59 0.56 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.75 0.66 0.00	23.82 0.97 0.00	27.01 1.32 0.53	38.20 1.81 3.76	28.33 1.37 0.00	39.65 1.82 0.00	34.59 1.59 0.00	39.30 1.93 0.00	32.12 1.71 0.00	31.55 1.83 0.00	31.65 1.96 0.00	31.60 2.31 0.00	42.43 3.26 0.00	32.22 2.47 0.00	28.30 2.12 0.00	32.91 2.09 0.00	30.29 1.59 0.00	24.65 1.20 0.00	24.14 1.01 0.00
POMONA___ESR 323819	22.50 0.47 0.00	20.59 0.46 0.00	20.34 0.48 0.00	18.87 0.44 0.00	19.79 0.50 0.00	22.73 0.64 0.00	23.77 0.91 0.00	26.91 1.23 0.55	38.07 1.78 3.87	28.22 1.26 0.00	39.56 1.73 0.00	34.50 1.50 0.00	39.19 1.82 0.00	32.00 1.59 0.00	31.43 1.70 0.00	31.49 1.80 0.00	31.46 2.17 0.00	42.27 3.09 0.00	32.08 2.33 0.00	28.19 2.00 0.00	32.78 1.97 0.00	30.18 1.49 0.00	24.58 1.13 0.00	24.10 0.97 0.00
PORT_JEFF_3 23555	23.01 0.98 0.00	21.04 0.91 0.00	20.80 0.94 0.00	19.28 0.85 0.00	20.22 0.94 0.00	23.27 1.18 0.00	24.24 1.38 0.00	27.34 1.65 0.53	38.85 2.45 3.76	29.04 2.08 0.00	40.75 2.92 0.00	35.19 2.19 0.00	39.97 2.60 0.00	32.78 2.37 0.00	32.19 2.46 0.00	37.31 2.80 -4.82	36.61 3.13 -4.18	43.34 4.16 0.00	32.68 2.93 0.00	28.78 2.59 0.00	33.53 2.71 0.00	30.72 2.03 0.00	25.15 1.70 0.00	24.97 1.83 0.00
PORT_JEFF_4 23616	23.01 0.98 0.00	21.04 0.91 0.00	20.80 0.94 0.00	19.28 0.85 0.00	20.22 0.94 0.00	23.27 1.18 0.00	24.24 1.38 0.00	27.34 1.65 0.53	38.85 2.45 3.76	29.04 2.08 0.00	40.75 2.92 0.00	35.19 2.19 0.00	39.97 2.60 0.00	32.78 2.37 0.00	32.19 2.46 0.00	37.31 2.80 -4.82	36.61 3.13 -4.18	43.34 4.16 0.00	32.68 2.93 0.00	28.78 2.59 0.00	33.53 2.71 0.00	30.72 2.03 0.00	25.15 1.70 0.00	24.97 1.83 0.00
PORT_JEFF_IC 23713	23.02 0.99 0.00	21.05 0.92 0.00	20.81 0.95 0.00	19.29 0.86 0.00	20.23 0.95 0.00	23.28 1.19 0.00	24.24 1.38 0.00	27.36 1.66 0.53	38.86 2.46 3.76	29.06 2.10 0.00	40.77 2.94 0.00	35.20 2.20 0.00	39.98 2.61 0.00	32.79 2.38 0.00	32.20 2.48 0.00	37.34 2.81 -4.83	36.64 3.16 -4.20	43.32 4.14 0.00	32.67 2.92 0.00	28.81 2.62 0.00	33.55 2.74 0.00	30.75 2.06 0.00	25.17 1.72 0.00	25.00 1.87 0.00
PPL PILGRIM_ST_GT1 24216	23.01 0.98 0.00	21.05 0.92 0.00	20.82 0.96 0.00	19.29 0.87 0.00	20.24 0.96 0.00	23.28 1.19 0.00	24.36 1.50 0.00	27.51 1.82 0.53	39.06 2.66 3.76	29.11 2.15 0.00	40.97 3.13 0.00	35.38 2.39 0.00	40.17 2.81 0.00	32.93 2.52 0.00	32.39 2.66 0.00	37.53 2.95 -4.89	36.86 3.32 -4.25	43.64 4.46 0.00	32.90 3.15 0.00	28.94 2.75 0.00	33.72 2.91 0.00	30.89 2.20 0.00	25.29 1.83 0.00	24.98 1.84 0.00
PPL PILGRIM_ST_GT2 24217	23.01 0.98 0.00	21.05 0.92 0.00	20.82 0.96 0.00	19.29 0.87 0.00	20.24 0.96 0.00	23.28 1.19 0.00	24.36 1.50 0.00	27.51 1.82 0.53	39.06 2.66 3.76	29.11 2.15 0.00	40.97 3.13 0.00	35.38 2.39 0.00	40.17 2.81 0.00	32.93 2.52 0.00	32.39 2.66 0.00	37.53 2.95 -4.89	36.86 3.32 -4.25	43.64 4.46 0.00	32.90 3.15 0.00	28.94 2.75 0.00	33.72 2.91 0.00	30.89 2.20 0.00	25.29 1.83 0.00	24.98 1.84 0.00

PPL_SHRM_GT3 24213	23.13 1.10 0.00	21.14 1.02 0.00	20.90 1.05 0.00	19.37 0.95 0.00	20.33 1.05 0.00	23.40 1.30 0.00	24.06 1.20 0.00	27.09 1.40 0.53	38.55 2.15 3.76	29.06 2.10 0.00	40.47 2.64 0.00	34.89 1.90 0.00	39.68 2.32 0.00	32.61 2.19 0.00	31.94 2.21 0.00	37.11 2.59 -4.83	36.37 2.89 -4.19	43.08 3.90 0.00	32.48 2.74 0.00	28.57 2.38 0.00	33.28 2.46 0.00	30.46 1.76 0.00	24.96 1.50 0.00	25.13 2.00 0.00
PPL_SHRM_GT4 24214	23.13 1.10 0.00	21.14 1.02 0.00	20.90 1.05 0.00	19.37 0.95 0.00	20.33 1.05 0.00	23.40 1.30 0.00	24.06 1.20 0.00	27.09 1.40 0.53	38.55 2.15 3.76	29.06 2.10 0.00	40.47 2.64 0.00	34.89 1.90 0.00	39.68 2.32 0.00	32.61 2.19 0.00	31.94 2.21 0.00	37.11 2.59 -4.83	36.37 2.89 -4.19	43.08 3.90 0.00	32.48 2.74 0.00	28.57 2.38 0.00	33.28 2.46 0.00	30.46 1.76 0.00	24.96 1.50 0.00	25.13 2.00 0.00
PROJECT___ORANGE 1 24174	21.66 -0.38 0.00	19.76 -0.37 0.00	19.49 -0.37 0.00	18.08 -0.34 0.00	18.94 -0.34 0.00	21.72 -0.38 0.00	22.42 -0.44 0.00	23.50 -0.67 2.05	24.54 -1.20 14.43	26.33 -0.63 0.00	37.05 -0.77 0.00	32.33 -0.67 0.00	36.58 -0.79 0.00	29.82 -0.60 0.00	29.18 -0.55 0.00	29.17 -0.53 0.00	28.96 -0.32 0.00	38.83 -0.35 0.00	29.46 -0.29 0.00	25.87 -0.32 0.00	30.29 -0.53 0.00	28.13 -0.56 0.00	23.07 -0.39 0.00	22.83 -0.31 0.00
PROJECT___ORANGE 2 24166	21.66 -0.38 0.00	19.76 -0.37 0.00	19.49 -0.37 0.00	18.08 -0.34 0.00	18.94 -0.34 0.00	21.72 -0.38 0.00	22.42 -0.44 0.00	23.50 -0.67 2.05	24.54 -1.20 14.43	26.33 -0.63 0.00	37.05 -0.77 0.00	32.33 -0.67 0.00	36.58 -0.79 0.00	29.82 -0.60 0.00	29.18 -0.55 0.00	29.17 -0.53 0.00	28.96 -0.32 0.00	38.83 -0.35 0.00	29.46 -0.29 0.00	25.87 -0.32 0.00	30.29 -0.53 0.00	28.13 -0.56 0.00	23.07 -0.39 0.00	22.83 -0.31 0.00
PUCKETT___SOLAR 323809	22.24 0.21 0.00	20.40 0.14 -0.12	20.01 0.13 -0.02	18.53 0.11 0.00	19.33 0.05 0.00	22.19 0.09 0.00	22.93 0.07 0.00	24.69 0.06 1.60	29.64 -0.04 10.48	27.15 0.19 0.00	38.10 0.27 0.00	33.31 0.31 0.00	37.91 0.54 0.00	30.72 0.31 0.00	30.18 0.45 0.00	30.03 0.34 0.00	29.87 0.58 0.00	40.16 0.98 0.00	30.57 0.82 0.00	26.83 0.64 0.00	31.36 0.54 0.00	29.14 0.45 0.00	23.79 0.33 0.00	23.48 0.34 0.00
PYRITES___HYD 24023	23.03 1.00 0.00	21.01 0.88 0.00	20.73 0.87 0.00	19.21 0.79 0.00	20.01 0.73 0.00	22.79 0.69 0.00	23.58 0.73 0.00	26.65 0.75 0.33	38.84 1.00 2.31	27.69 0.73 0.00	39.01 1.18 0.00	34.23 1.23 0.00	38.79 1.42 0.00	31.50 1.09 0.00	30.61 0.88 0.00	30.39 0.70 0.00	29.37 0.08 0.00	39.02 -0.16 0.00	29.52 -0.23 0.00	26.04 -0.14 0.00	31.18 0.37 0.00	29.56 0.87 0.00	24.28 0.82 0.00	24.00 0.86 0.00
QUAKERRD_115KV_BK1 80622	20.88 -1.16 0.00	18.98 -1.15 0.00	18.75 -1.11 0.00	17.39 -1.03 0.00	18.20 -1.09 0.00	20.90 -1.19 0.00	21.52 -1.35 0.00	22.27 -1.76 2.19	21.95 -2.80 15.40	25.32 -1.64 0.00	35.66 -2.17 0.00	31.12 -1.88 0.00	35.18 -2.19 0.00	28.67 -1.74 0.00	27.95 -1.78 0.00	27.94 -1.76 0.00	27.78 -1.51 0.00	37.26 -1.92 0.00	28.18 -1.57 0.00	24.71 -1.47 0.00	28.97 -1.85 0.00	27.02 -1.67 0.00	22.15 -1.31 0.00	21.95 -1.18 0.00
QUENSBRY_115KV_TB8 356137	22.73 0.69 0.00	20.76 0.63 0.00	20.56 0.70 0.00	19.11 0.69 0.00	20.03 0.75 0.00	23.23 1.14 0.00	24.28 1.42 0.00	27.72 1.90 0.40	40.30 2.96 2.82	29.00 2.04 0.00	40.55 2.72 0.00	35.09 2.09 0.00	39.41 2.05 0.00	31.80 1.39 0.00	30.79 1.07 0.00	30.90 1.21 0.00	30.74 1.45 0.00	41.24 2.06 0.00	31.39 1.64 0.00	27.59 1.40 0.00	31.89 1.07 0.00	29.53 0.84 0.00	24.03 0.57 0.00	23.49 0.36 0.00
RAMAPO___LBMP 323565	22.43 0.40 0.00	20.53 0.40 0.00	20.28 0.42 0.00	18.81 0.39 0.00	19.73 0.44 0.00	22.67 0.57 0.00	23.69 0.83 0.00	26.81 1.14 0.55	37.89 1.61 3.88	28.11 1.16 0.00	39.40 1.57 0.00	34.38 1.38 0.00	39.04 1.68 0.00	31.88 1.47 0.00	31.31 1.58 0.00	31.36 1.66 0.00	31.32 2.04 0.00	42.07 2.90 0.00	31.94 2.19 0.00	28.06 1.88 0.00	32.64 1.82 0.00	30.06 1.37 0.00	24.49 1.04 0.00	24.02 0.88 0.00
RANKINE____ 23646	21.14 -0.89 0.00	19.14 -0.99 0.00	18.90 -0.96 0.00	17.50 -0.92 0.00	18.30 -0.98 0.00	21.06 -1.04 0.00	21.43 -1.43 0.00	21.93 -2.17 2.13	21.99 -3.24 14.93	25.14 -1.82 0.00	35.42 -2.41 0.00	30.87 -2.13 0.00	34.84 -2.53 0.00	28.45 -1.96 0.00	27.66 -2.07 0.00	27.57 -2.12 0.00	27.47 -1.82 0.00	36.90 -2.28 0.00	27.85 -1.91 0.00	24.42 -1.77 0.00	28.66 -2.16 0.00	27.04 -1.65 0.00	22.28 -1.17 0.00	22.15 -0.98 0.00
RAVENSWOOD_GT2_1 24244	22.59 0.56 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.67 0.00	23.84 0.98 0.00	27.02 1.33 0.53	38.26 1.86 3.76	28.36 1.40 0.00	39.69 1.86 0.00	34.62 1.63 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.67 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.93 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.04 0.00
RAVENSWOOD_GT2_2 24245	22.59 0.56 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.67 0.00	23.84 0.98 0.00	27.02 1.33 0.53	38.26 1.86 3.76	28.36 1.40 0.00	39.69 1.86 0.00	34.62 1.63 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.67 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.93 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.04 0.00
RAVENSWOOD_GT2_3 24246	22.60 0.57 0.00	20.69 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.78 0.68 0.00	23.85 0.99 0.00	27.04 1.35 0.53	38.29 1.89 3.76	28.37 1.41 0.00	39.71 1.88 0.00	34.63 1.64 0.00	39.36 1.99 0.00	32.16 1.75 0.00	31.59 1.87 0.00	31.69 2.00 0.00	31.64 2.35 0.00	42.48 3.30 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.95 2.13 0.00	30.33 1.63 0.00	24.69 1.23 0.00	24.19 1.06 0.00
RAVENSWOOD_GT2_4 24247	22.60 0.57 0.00	20.69 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.78 0.68 0.00	23.85 0.99 0.00	27.04 1.35 0.53	38.29 1.89 3.76	28.37 1.41 0.00	39.71 1.88 0.00	34.63 1.64 0.00	39.36 1.99 0.00	32.16 1.75 0.00	31.59 1.87 0.00	31.69 2.00 0.00	31.64 2.35 0.00	42.48 3.30 0.00	32.25 2.50 0.00	28.33 2.15 0.00	32.95 2.13 0.00	30.33 1.63 0.00	24.69 1.23 0.00	24.19 1.06 0.00
RAVENSWOOD_GT3_1 24248	22.60 0.56 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.67 0.00	23.84 0.98 0.00	27.02 1.33 0.53	38.26 1.86 3.76	28.36 1.40 0.00	39.69 1.86 0.00	34.62 1.63 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.67 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.93 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.04 0.00



RAVENSWOOD_GT3_2 24249	22.60 0.56 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.67 0.00	23.84 0.98 0.00	27.02 1.33 0.53	38.26 1.86 3.76	28.36 1.40 0.00	39.69 1.86 0.00	34.62 1.63 0.00	39.33 1.96 0.00	32.15 1.74 0.00	31.58 1.85 0.00	31.67 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.93 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.04 0.00
RAVENSWOOD_GT3_3 24250	22.62 0.59 0.00	20.71 0.59 0.00	20.46 0.59 0.00	18.96 0.54 0.00	19.87 0.59 0.00	22.80 0.70 0.00	23.87 1.01 0.00	27.07 1.38 0.53	38.33 1.93 3.76	28.41 1.44 0.00	39.76 1.93 0.00	34.68 1.68 0.00	39.41 2.04 0.00	32.21 1.80 0.00	31.63 1.91 0.00	31.73 2.03 0.00	31.69 2.40 0.00	42.54 3.37 0.00	32.29 2.54 0.00	28.37 2.18 0.00	32.98 2.17 0.00	30.36 1.67 0.00	24.71 1.26 0.00	24.21 1.08 0.00
RAVENSWOOD_GT3_4 24251	22.62 0.59 0.00	20.71 0.59 0.00	20.46 0.59 0.00	18.96 0.54 0.00	19.87 0.59 0.00	22.80 0.70 0.00	23.87 1.01 0.00	27.07 1.38 0.53	38.33 1.93 3.76	28.41 1.44 0.00	39.76 1.93 0.00	34.68 1.68 0.00	39.41 2.04 0.00	32.21 1.80 0.00	31.63 1.91 0.00	31.73 2.03 0.00	31.69 2.40 0.00	42.54 3.37 0.00	32.29 2.54 0.00	28.37 2.18 0.00	32.98 2.17 0.00	30.36 1.67 0.00	24.71 1.26 0.00	24.21 1.08 0.00
RAVENSWOOD_GT_1 23729	22.59 0.56 0.00	20.69 0.56 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.76 0.67 0.00	23.85 0.99 0.00	27.03 1.33 0.53	38.24 1.84 3.76	28.35 1.39 0.00	39.66 1.83 0.00	34.61 1.62 0.00	39.34 1.97 0.00	32.16 1.75 0.00	31.61 1.89 0.00	31.72 2.03 0.00	31.65 2.36 0.00	42.51 3.34 0.00	32.27 2.52 0.00	28.36 2.17 0.00	32.97 2.15 0.00	30.34 1.65 0.00	24.69 1.24 0.00	24.19 1.05 0.00
RAVENSWOOD_GT_10 24258	22.60 0.56 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.68 0.00	23.84 0.98 0.00	27.03 1.34 0.53	38.28 1.88 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.63 1.63 0.00	39.34 1.97 0.00	32.15 1.74 0.00	31.58 1.86 0.00	31.68 1.99 0.00	31.63 2.34 0.00	42.48 3.30 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.05 0.00
RAVENSWOOD_GT_11 24259	22.60 0.56 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.68 0.00	23.84 0.98 0.00	27.03 1.34 0.53	38.28 1.88 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.63 1.63 0.00	39.34 1.97 0.00	32.15 1.74 0.00	31.58 1.86 0.00	31.68 1.99 0.00	31.63 2.34 0.00	42.48 3.30 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.05 0.00
RAVENSWOOD_GT_4 24252	22.61 0.57 0.00	20.70 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.78 0.69 0.00	23.85 0.99 0.00	27.05 1.36 0.53	38.29 1.90 3.76	28.38 1.42 0.00	39.73 1.90 0.00	34.65 1.65 0.00	39.36 1.99 0.00	32.17 1.76 0.00	31.59 1.87 0.00	31.69 1.99 0.00	31.64 2.35 0.00	42.48 3.30 0.00	32.25 2.50 0.00	28.33 2.14 0.00	32.94 2.13 0.00	30.33 1.64 0.00	24.69 1.23 0.00	24.19 1.06 0.00
RAVENSWOOD_GT_5 24254	22.61 0.57 0.00	20.70 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.78 0.69 0.00	23.85 0.99 0.00	27.05 1.36 0.53	38.29 1.90 3.76	28.38 1.42 0.00	39.73 1.90 0.00	34.65 1.65 0.00	39.36 1.99 0.00	32.17 1.76 0.00	31.59 1.87 0.00	31.69 1.99 0.00	31.64 2.35 0.00	42.48 3.30 0.00	32.25 2.50 0.00	28.33 2.14 0.00	32.94 2.13 0.00	30.33 1.64 0.00	24.69 1.23 0.00	24.19 1.06 0.00
RAVENSWOOD_GT_6 24253	22.61 0.57 0.00	20.70 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.78 0.69 0.00	23.85 0.99 0.00	27.05 1.36 0.53	38.29 1.90 3.76	28.38 1.42 0.00	39.73 1.90 0.00	34.65 1.65 0.00	39.36 1.99 0.00	32.17 1.76 0.00	31.59 1.87 0.00	31.69 1.99 0.00	31.64 2.35 0.00	42.48 3.30 0.00	32.25 2.50 0.00	28.33 2.14 0.00	32.94 2.13 0.00	30.33 1.64 0.00	24.69 1.23 0.00	24.19 1.06 0.00
RAVENSWOOD_GT_7 24255	22.61 0.57 0.00	20.70 0.57 0.00	20.44 0.58 0.00	18.95 0.52 0.00	19.86 0.57 0.00	22.78 0.69 0.00	23.85 0.99 0.00	27.05 1.36 0.53	38.29 1.90 3.76	28.38 1.42 0.00	39.73 1.90 0.00	34.65 1.65 0.00	39.36 1.99 0.00	32.17 1.76 0.00	31.59 1.87 0.00	31.69 1.99 0.00	31.64 2.35 0.00	42.48 3.30 0.00	32.25 2.50 0.00	28.33 2.14 0.00	32.94 2.13 0.00	30.33 1.64 0.00	24.69 1.23 0.00	24.19 1.06 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.60 0.56 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.68 0.00	23.84 0.98 0.00	27.03 1.34 0.53	38.28 1.88 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.63 1.63 0.00	39.34 1.97 0.00	32.15 1.74 0.00	31.58 1.86 0.00	31.68 1.99 0.00	31.63 2.34 0.00	42.48 3.30 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.05 0.00
RAVENSWOOD_GT_9 24257	22.60 0.56 0.00	20.69 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.68 0.00	23.84 0.98 0.00	27.03 1.34 0.53	38.28 1.88 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.63 1.63 0.00	39.34 1.97 0.00	32.15 1.74 0.00	31.58 1.86 0.00	31.68 1.99 0.00	31.63 2.34 0.00	42.48 3.30 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.05 0.00
RAVENSWOOD___1 23533	22.54 0.50 0.00	20.65 0.52 0.00	20.40 0.54 0.00	18.91 0.48 0.00	19.81 0.53 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.97 1.28 0.53	38.17 1.77 3.76	28.29 1.33 0.00	39.58 1.76 0.00	34.55 1.55 0.00	39.26 1.89 0.00	32.09 1.68 0.00	31.55 1.82 0.00	31.65 1.95 0.00	31.59 2.30 0.00	42.42 3.25 0.00	32.20 2.45 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.27 1.58 0.00	24.64 1.18 0.00	24.14 1.00 0.00
RAVENSWOOD___2 23534	22.54 0.50 0.00	20.65 0.52 0.00	20.40 0.54 0.00	18.91 0.48 0.00	19.81 0.53 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.97 1.28 0.53	38.17 1.77 3.76	28.29 1.33 0.00	39.58 1.76 0.00	34.55 1.55 0.00	39.26 1.89 0.00	32.09 1.68 0.00	31.55 1.82 0.00	31.65 1.95 0.00	31.59 2.30 0.00	42.42 3.25 0.00	32.20 2.45 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.27 1.58 0.00	24.64 1.18 0.00	24.14 1.00 0.00
RAVENSWOOD___3 23535	22.60 0.56 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.94 0.51 0.00	19.85 0.56 0.00	22.77 0.68 0.00	23.84 0.98 0.00	27.03 1.34 0.53	38.29 1.89 3.76	28.36 1.40 0.00	39.70 1.87 0.00	34.62 1.63 0.00	39.34 1.97 0.00	32.15 1.74 0.00	31.58 1.86 0.00	31.68 1.98 0.00	31.63 2.34 0.00	42.47 3.29 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.04 0.00

RAVENSWOOD___4 23820	22.54 0.50 0.00	20.65 0.52 0.00	20.40 0.54 0.00	18.91 0.48 0.00	19.81 0.53 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.97 1.28 0.53	38.17 1.77 3.76	28.29 1.33 0.00	39.58 1.76 0.00	34.55 1.55 0.00	39.26 1.89 0.00	32.09 1.68 0.00	31.55 1.82 0.00	31.65 1.95 0.00	31.59 2.30 0.00	42.42 3.25 0.00	32.20 2.45 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.27 1.58 0.00	24.64 1.18 0.00	24.14 1.00 0.00
RCPI_TRUST___DRP 24196	22.65 0.61 0.00	20.73 0.60 0.00	20.48 0.61 0.00	18.97 0.55 0.00	19.89 0.61 0.00	22.82 0.72 0.00	23.90 1.04 0.00	27.10 1.41 0.53	38.37 1.97 3.76	28.43 1.47 0.00	39.79 1.96 0.00	34.72 1.72 0.00	39.45 2.08 0.00	32.24 1.83 0.00	31.67 1.95 0.00	31.77 2.08 0.00	31.72 2.43 0.00	42.60 3.42 0.00	32.32 2.57 0.00	28.39 2.20 0.00	33.01 2.20 0.00	30.39 1.70 0.00	24.74 1.28 0.00	24.23 1.10 0.00
RED___ROCHESTER 323720	21.41 -0.63 0.00	19.26 -0.70 0.17	19.15 -0.67 0.03	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.26 2.19	21.62 -2.03 16.52	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.98 -1.38 0.00	29.34 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.42 -0.87 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 -0.79 0.00
REGAN___SOLAR 323812	24.09 2.05 0.00	21.93 1.80 0.00	21.66 1.80 0.00	20.08 1.67 0.00	20.99 1.71 0.00	24.21 2.11 0.00	25.23 2.36 0.00	28.49 2.78 0.51	41.14 4.61 3.63	29.99 3.03 0.00	41.81 3.98 0.00	36.23 3.23 0.00	40.80 3.44 0.00	33.08 2.67 0.00	32.81 3.08 0.00	33.04 3.35 0.00	33.03 3.74 0.00	44.30 5.12 0.00	33.55 3.80 0.00	29.46 3.27 0.00	34.54 3.73 0.00	32.07 3.37 0.00	26.07 2.61 0.00	25.63 2.49 0.00
RENSSELAER___COGEN 23796	22.03 0.00 0.00	20.20 0.07 0.00	19.92 0.06 0.00	18.52 0.10 0.00	19.41 0.13 0.00	22.15 0.05 0.00	23.00 0.14 0.00	26.18 0.37 0.42	37.81 0.57 2.92	27.35 0.39 0.00	38.28 0.45 0.00	33.34 0.34 0.00	37.75 0.38 0.00	30.72 0.31 0.00	30.06 0.33 0.00	30.14 0.45 0.00	29.93 0.64 0.00	40.20 1.02 0.00	30.55 0.80 0.00	26.87 0.68 0.00	31.37 0.55 0.00	29.04 0.35 0.00	23.68 0.22 0.00	23.24 0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.97 0.94 0.00	20.98 0.85 0.00	20.76 0.90 0.00	19.34 0.92 0.00	20.38 1.10 0.00	23.79 1.69 0.00	25.05 2.19 0.00	28.66 2.83 0.40	41.60 4.26 2.82	29.92 2.95 0.00	41.80 3.97 0.00	36.11 3.11 0.00	40.73 3.36 0.00	32.80 2.38 0.00	32.12 2.39 0.00	32.08 2.39 0.00	31.91 2.63 0.00	42.99 3.81 0.00	32.59 2.84 0.00	28.63 2.44 0.00	32.70 1.88 0.00	30.12 1.43 0.00	24.50 1.04 0.00	23.84 0.71 0.00
REVERE_CPPR_DRP 24186	22.69 0.65 0.00	20.72 0.59 0.00	20.49 0.63 0.00	19.01 0.59 0.00	19.88 0.60 0.00	22.84 0.74 0.00	23.75 0.89 0.00	26.27 1.06 1.02	34.70 1.69 7.16	28.11 1.15 0.00	39.39 1.57 0.00	34.26 1.26 0.00	38.60 1.23 0.00	31.50 1.09 0.00	30.82 1.09 0.00	30.83 1.14 0.00	30.70 1.41 0.00	41.10 1.92 0.00	31.13 1.38 0.00	27.39 1.20 0.00	32.10 1.28 0.00	29.76 1.07 0.00	24.19 0.74 0.00	23.86 0.72 0.00
REYNOLDS_115KV_TB3 80639	22.18 0.14 0.00	20.30 0.18 0.00	20.02 0.16 0.00	18.60 0.18 0.00	19.51 0.22 0.00	22.29 0.19 0.00	23.14 0.28 0.00	26.35 0.54 0.41	38.09 0.84 2.92	27.54 0.57 0.00	38.54 0.71 0.00	33.57 0.57 0.00	37.99 0.62 0.00	30.93 0.52 0.00	30.26 0.53 0.00	30.35 0.66 0.00	30.13 0.84 0.00	40.44 1.26 0.00	30.74 0.99 0.00	27.03 0.84 0.00	31.56 0.74 0.00	29.22 0.53 0.00	23.83 0.37 0.00	23.38 0.25 0.00
RIVERBAY____ 323610	22.67 0.64 0.00	20.76 0.63 0.00	20.51 0.65 0.00	19.09 0.67 0.00	20.01 0.73 0.00	22.89 0.80 0.00	23.99 1.13 0.00	27.10 1.41 0.53	38.39 1.99 3.76	28.42 1.45 0.00	39.80 1.97 0.00	34.77 1.77 0.00	39.49 2.13 0.00	32.28 1.87 0.00	31.65 1.93 0.00	31.76 2.07 0.00	31.70 2.41 0.00	42.64 3.46 0.00	32.34 2.60 0.00	28.44 2.25 0.00	33.06 2.24 0.00	30.36 1.67 0.00	24.73 1.27 0.00	24.24 1.10 0.00
RIVERSDE_115KV_TB3 55908	22.12 0.08 0.00	20.26 0.13 0.00	19.98 0.12 0.00	18.57 0.15 0.00	19.47 0.18 0.00	22.23 0.13 0.00	23.08 0.22 0.00	26.29 0.47 0.41	37.99 0.74 2.91	27.47 0.51 0.00	38.45 0.62 0.00	33.48 0.48 0.00	37.90 0.53 0.00	30.85 0.44 0.00	30.19 0.46 0.00	30.28 0.58 0.00	30.06 0.77 0.00	40.35 1.18 0.00	30.67 0.92 0.00	26.98 0.79 0.00	31.49 0.67 0.00	29.15 0.46 0.00	23.76 0.31 0.00	23.32 0.18 0.00
ROARING___BROOK_WT_PWR 323790	22.14 0.11 0.00	20.23 0.10 0.00	19.98 0.12 0.00	18.53 0.11 0.00	19.37 0.09 0.00	22.16 0.07 0.00	22.88 0.03 0.00	26.00 -0.10 0.13	39.07 -0.21 0.88	26.69 -0.27 0.00	37.32 -0.51 0.00	32.57 -0.43 0.00	36.86 -0.51 0.00	29.89 -0.52 0.00	29.25 -0.48 0.00	29.21 -0.48 0.00	28.69 -0.60 0.00	38.20 -0.98 0.00	29.02 -0.73 0.00	25.66 -0.53 0.00	30.44 -0.37 0.00	28.53 -0.16 0.00	23.19 -0.27 0.00	22.99 -0.14 0.00
ROCHESRG_115KV_T4 355643	21.20 -0.84 0.00	19.24 -0.89 0.00	19.01 -0.85 0.00	17.63 -0.80 0.00	18.45 -0.83 0.00	21.19 -0.90 0.00	21.73 -1.13 0.00	22.47 -1.57 2.19	22.26 -2.49 15.42	25.56 -1.40 0.00	36.01 -1.82 0.00	31.42 -1.58 0.00	35.52 -1.85 0.00	28.95 -1.46 0.00	28.19 -1.54 0.00	28.16 -1.53 0.00	28.02 -1.27 0.00	37.58 -1.60 0.00	28.41 -1.34 0.00	24.91 -1.29 0.00	29.20 -1.62 0.00	27.15 -1.55 0.00	22.27 -1.19 0.00	22.10 -1.03 0.00
ROCHESTER_9_IC 23652	21.31 -0.72 0.00	19.35 -0.78 0.00	19.11 -0.75 0.00	17.72 -0.70 0.00	18.55 -0.73 0.00	21.32 -0.77 0.00	21.87 -0.99 0.00	22.63 -1.40 2.19	22.55 -2.22 15.39	25.74 -1.22 0.00	36.27 -1.57 0.00	31.65 -1.35 0.00	35.78 -1.58 0.00	29.16 -1.25 0.00	28.40 -1.33 0.00	28.38 -1.32 0.00	28.23 -1.06 0.00	37.89 -1.29 0.00	28.64 -1.11 0.00	25.10 -1.08 0.00	29.42 -1.40 0.00	27.31 -1.38 0.00	22.40 -1.06 0.00	22.22 -0.91 0.00
ROCKVIEW_13_KV_LD 356306	22.63 0.60 0.00	20.71 0.59 0.00	20.46 0.60 0.00	18.97 0.54 0.00	19.88 0.60 0.00	22.82 0.73 0.00	23.88 1.02 0.00	27.07 1.38 0.53	38.38 1.98 3.76	28.41 1.45 0.00	39.79 1.96 0.00	34.69 1.69 0.00	39.40 2.03 0.00	32.19 1.78 0.00	31.61 1.89 0.00	31.70 2.01 0.00	31.66 2.37 0.00	42.52 3.34 0.00	32.28 2.53 0.00	28.36 2.17 0.00	32.98 2.16 0.00	30.37 1.68 0.00	24.74 1.28 0.00	24.23 1.09 0.00
ROME____115KV_TB2 80656	22.69 0.65 0.00	20.72 0.59 0.00	20.49 0.63 0.00	19.01 0.59 0.00	19.88 0.60 0.00	22.84 0.74 0.00	23.75 0.89 0.00	26.27 1.06 1.02	34.70 1.69 7.16	28.11 1.15 0.00	39.39 1.57 0.00	34.26 1.26 0.00	38.60 1.23 0.00	31.50 1.09 0.00	30.82 1.09 0.00	30.83 1.14 0.00	30.70 1.41 0.00	41.10 1.92 0.00	31.13 1.38 0.00	27.39 1.20 0.00	32.10 1.28 0.00	29.76 1.07 0.00	24.19 0.74 0.00	23.86 0.72 0.00

ROSETON___1 23587	22.44 0.41 0.00	20.54 0.41 0.00	20.27 0.41 0.00	18.80 0.38 0.00	19.70 0.42 0.00	22.62 0.52 0.00	23.62 0.76 0.00	26.74 1.06 0.54	37.90 1.53 3.79	28.06 1.10 0.00	39.31 1.48 0.00	34.27 1.27 0.00	38.90 1.53 0.00	31.75 1.33 0.00	31.16 1.43 0.00	31.22 1.53 0.00	31.17 1.88 0.00	41.85 2.68 0.00	31.79 2.04 0.00	27.93 1.74 0.00	32.50 1.68 0.00	29.97 1.27 0.00	24.43 0.97 0.00	23.95 0.81 0.00
ROSETON___2 23588	22.44 0.41 0.00	20.54 0.41 0.00	20.27 0.41 0.00	18.80 0.38 0.00	19.70 0.42 0.00	22.62 0.52 0.00	23.62 0.76 0.00	26.74 1.06 0.54	37.90 1.53 3.79	28.06 1.10 0.00	39.31 1.48 0.00	34.27 1.27 0.00	38.90 1.53 0.00	31.75 1.33 0.00	31.16 1.43 0.00	31.22 1.53 0.00	31.17 1.88 0.00	41.85 2.68 0.00	31.79 2.04 0.00	27.93 1.74 0.00	32.50 1.68 0.00	29.97 1.27 0.00	24.43 0.97 0.00	23.95 0.81 0.00
ROTTTRDAM_115KV_TB3 80664	22.45 0.41 0.00	20.51 0.38 0.00	20.24 0.39 0.00	18.79 0.37 0.00	19.69 0.41 0.00	22.61 0.51 0.00	23.48 0.62 0.00	26.66 0.84 0.40	38.67 1.32 2.81	27.85 0.89 0.00	38.96 1.13 0.00	33.91 0.91 0.00	38.34 0.97 0.00	31.18 0.76 0.00	30.47 0.75 0.00	30.54 0.85 0.00	30.34 1.05 0.00	40.67 1.49 0.00	30.91 1.16 0.00	27.18 0.99 0.00	31.75 0.94 0.00	29.43 0.74 0.00	24.01 0.55 0.00	23.59 0.46 0.00
RUSSELL___1 23602	21.41 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.27 2.19	22.76 -2.01 15.39	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.99 -1.38 0.00	29.33 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.41 -0.88 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 -0.79 0.00
RUSSELL___2 23532	21.41 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.27 2.19	22.76 -2.01 15.39	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.99 -1.38 0.00	29.33 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.41 -0.88 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 -0.79 0.00
RUSSELL___3 23549	21.41 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.27 2.19	22.76 -2.01 15.39	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.99 -1.38 0.00	29.33 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.41 -0.88 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 0.00
RUSSELL___4 23556	21.41 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.27 2.19	22.76 -2.01 15.39	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.99 -1.38 0.00	29.33 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.41 -0.88 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 0.00
RUSSELL___STATION 23914	21.41 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.27 2.19	22.76 -2.01 15.39	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.99 -1.38 0.00	29.33 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.41 -0.88 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 0.00
S SALMON___HYD 24043	21.49 -0.55 0.00	19.63 -0.50 0.00	19.40 -0.46 0.00	18.00 -0.42 0.00	18.82 -0.46 0.00	21.58 -0.52 0.00	22.36 -0.50 0.00	23.63 -0.68 1.92	25.44 -1.25 13.47	26.21 -0.75 0.00	36.72 -1.11 0.00	31.94 -1.05 0.00	36.06 -1.31 0.00	29.35 -1.06 0.00	28.69 -1.04 0.00	28.69 -1.00 0.00	28.64 -0.65 0.00	38.30 -0.88 0.00	29.01 -0.74 0.00	25.52 -0.67 0.00	29.96 -0.85 0.00	27.82 -0.87 0.00	22.68 -0.77 0.00	22.51 -0.62 0.00
S.PERRY___115KV_TB1 80734	22.64 0.61 0.00	20.53 0.40 0.00	20.26 0.40 0.00	18.78 0.36 0.00	19.42 0.14 0.00	22.19 0.09 0.00	22.79 -0.07 0.00	23.91 -0.32 2.00	25.36 -0.73 14.07	26.66 -0.30 0.00	37.39 -0.44 0.00	32.60 -0.39 0.00	36.87 -0.50 0.00	30.04 -0.37 0.00	29.38 -0.35 0.00	29.38 -0.31 0.00	29.44 0.16 0.00	39.75 0.57 0.00	30.07 0.32 0.00	26.22 0.03 0.00	30.79 -0.03 0.00	28.59 -0.11 0.00	23.42 -0.03 0.00	23.33 0.20 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.85 -1.19 0.00	18.87 -1.26 0.00	18.64 -1.22 0.00	17.28 -1.15 0.00	18.07 -1.21 0.00	20.80 -1.30 0.00	21.15 -1.71 0.00	21.62 -2.47 2.14	21.41 -3.73 15.02	24.79 -2.17 0.00	34.90 -2.93 0.00	30.42 -2.58 0.00	34.31 -3.06 0.00	28.00 -2.41 0.00	27.19 -2.53 0.00	27.14 -2.55 0.00	27.05 -2.24 0.00	36.31 -2.86 0.00	27.39 -2.36 0.00	24.01 -2.18 0.00	28.19 -2.63 0.00	26.58 -2.11 0.00	21.89 -1.56 0.00	21.80 -1.33 0.00
SAWYER___23_KV_LOAD 55526	20.85 -1.19 0.00	18.87 -1.26 0.00	18.64 -1.22 0.00	17.28 -1.15 0.00	18.07 -1.21 0.00	20.80 -1.30 0.00	21.15 -1.71 0.00	21.62 -2.47 2.14	21.41 -3.73 15.02	24.79 -2.17 0.00	34.90 -2.93 0.00	30.42 -2.58 0.00	34.31 -3.06 0.00	28.00 -2.41 0.00	27.19 -2.53 0.00	27.14 -2.55 0.00	27.05 -2.24 0.00	36.31 -2.86 0.00	27.39 -2.36 0.00	24.01 -2.18 0.00	28.19 -2.63 0.00	26.58 -2.11 0.00	21.89 -1.56 0.00	21.80 -1.33 0.00
SELKIRK___I 23801	22.32 0.29 0.00	20.44 0.31 0.00	20.16 0.30 0.00	18.73 0.31 0.00	19.63 0.35 0.00	22.44 0.35 0.00	23.28 0.42 0.00	26.42 0.62 0.42	38.16 0.98 2.98	27.63 0.67 0.00	38.65 0.82 0.00	33.65 0.65 0.00	38.08 0.71 0.00	30.97 0.56 0.00	30.29 0.56 0.00	30.38 0.68 0.00	30.14 0.85 0.00	40.45 1.28 0.00	30.75 1.00 0.00	27.04 0.85 0.00	31.60 0.78 0.00	29.29 0.60 0.00	23.89 0.44 0.00	23.48 0.34 0.00
SELKIRK___II 23799	22.17 0.13 0.00	20.30 0.17 0.00	20.02 0.16 0.00	18.60 0.17 0.00	19.49 0.21 0.00	22.28 0.18 0.00	23.13 0.27 0.00	26.28 0.47 0.42	37.97 0.74 2.93	27.47 0.51 0.00	38.44 0.61 0.00	33.48 0.48 0.00	37.90 0.54 0.00	30.85 0.44 0.00	30.18 0.45 0.00	30.26 0.57 0.00	30.06 0.77 0.00	40.37 1.19 0.00	30.68 0.93 0.00	26.98 0.79 0.00	31.50 0.68 0.00	29.17 0.48 0.00	23.79 0.33 0.00	23.37 0.23 0.00
SENECA OSWGO___HYD 24041	21.46 -0.57 0.00	19.58 -0.54 0.00	19.32 -0.54 0.00	17.93 -0.50 0.00	18.77 -0.51 0.00	21.52 -0.57 0.00	22.24 -0.62 0.00	23.19 -0.84 2.20	23.26 -1.46 15.43	26.07 -0.89 0.00	36.67 -1.16 0.00	31.98 -1.02 0.00	36.22 -1.15 0.00	29.52 -0.88 0.00	28.89 -0.84 0.00	28.88 -0.81 0.00	28.68 -0.61 0.00	38.44 -0.74 0.00	29.17 -0.58 0.00	25.64 -0.55 0.00	30.02 -0.80 0.00	27.89 -0.80 0.00	22.82 -0.63 0.00	22.57 -0.56 0.00

SENECA___115KV_TB3 355854	21.18 -0.85 0.00	19.17 -0.96 0.00	18.92 -0.93 0.00	17.52 -0.90 0.00	18.33 -0.95 0.00	21.09 -1.00 0.00	21.46 -1.40 0.00	21.98 -2.12 2.13	22.05 -3.18 14.93	25.19 -1.77 0.00	35.47 -2.35 0.00	30.93 -2.07 0.00	34.90 -2.47 0.00	28.50 -1.92 0.00	27.70 -2.02 0.00	27.62 -2.07 0.00	27.52 -1.77 0.00	36.97 -2.21 0.00	27.90 -1.85 0.00	24.47 -1.73 0.00	28.71 -2.10 0.00	27.09 -1.60 0.00	22.32 -1.14 0.00	22.19 -0.94 0.00
SENECA___ENERGY 23797	22.08 0.04 0.00	20.17 0.00 -0.04	19.82 -0.05 -0.01	18.29 -0.14 0.00	19.20 -0.08 0.00	22.09 0.00 0.00	22.50 -0.36 0.00	23.59 -0.52 2.11	24.57 -0.76 14.83	26.78 -0.18 0.00	37.58 -0.25 0.00	32.78 -0.21 0.00	37.12 -0.25 0.00	30.28 -0.13 0.00	29.64 -0.09 0.00	29.59 -0.11 0.00	29.48 0.20 0.00	39.58 0.40 0.00	30.04 0.29 0.00	26.26 0.08 0.00	30.78 -0.04 0.00	28.65 -0.05 0.00	23.43 -0.03 0.00	23.20 0.06 0.00
SHOEMAKER___GT 23640	22.40 0.37 0.00	20.49 0.36 0.00	20.23 0.37 0.00	18.76 0.34 0.00	19.65 0.38 0.00	22.57 0.48 0.00	23.53 0.67 0.00	26.58 0.92 0.57	37.48 1.34 4.02	27.95 0.99 0.00	39.13 1.30 0.00	34.13 1.13 0.00	38.74 1.37 0.00	31.61 1.20 0.00	31.02 1.29 0.00	31.06 1.37 0.00	30.98 1.70 0.00	41.61 2.43 0.00	31.60 1.85 0.00	27.77 1.58 0.00	32.35 1.53 0.00	29.87 1.18 0.00	24.36 0.91 0.00	23.90 0.77 0.00
SHOEMAKR_138KV_BK 111 55601	22.39 0.35 0.00	20.48 0.35 0.00	20.22 0.37 0.00	18.75 0.33 0.00	19.65 0.37 0.00	22.57 0.47 0.00	23.53 0.67 0.00	26.58 0.93 0.57	37.44 1.32 4.04	27.94 0.98 0.00	39.13 1.30 0.00	34.12 1.13 0.00	38.74 1.37 0.00	31.61 1.20 0.00	31.02 1.29 0.00	31.06 1.37 0.00	30.98 1.70 0.00	41.61 2.43 0.00	31.60 1.85 0.00	27.77 1.58 0.00	32.34 1.53 0.00	29.86 1.17 0.00	24.35 0.89 0.00	23.89 0.75 0.00
SHOREHAM_IC_1 23715	23.13 1.10 0.00	21.14 1.02 0.00	20.90 1.05 0.00	19.37 0.95 0.00	20.33 1.05 0.00	23.40 1.30 0.00	24.06 1.20 0.00	27.09 1.40 0.53	38.55 2.15 3.76	29.06 2.10 0.00	40.47 2.64 0.00	34.89 1.90 0.00	39.68 2.32 0.00	32.61 2.19 0.00	31.94 2.21 0.00	37.11 2.59 -4.83	36.37 2.89 -4.19	43.08 3.90 0.00	32.48 2.74 0.00	28.57 2.38 0.00	33.28 2.46 0.00	30.46 1.76 0.00	24.96 1.50 0.00	25.13 2.00 0.00
SHOREHAM_IC_2 23716	23.13 1.10 0.00	21.14 1.02 0.00	20.90 1.05 0.00	19.37 0.95 0.00	20.33 1.05 0.00	23.40 1.30 0.00	24.06 1.20 0.00	27.09 1.40 0.53	38.55 2.15 3.76	29.06 2.10 0.00	40.47 2.64 0.00	34.89 1.90 0.00	39.68 2.32 0.00	32.61 2.19 0.00	31.94 2.21 0.00	37.11 2.59 -4.83	36.37 2.89 -4.19	43.08 3.90 0.00	32.48 2.74 0.00	28.57 2.38 0.00	33.28 2.46 0.00	30.46 1.76 0.00	24.96 1.50 0.00	25.13 2.00 0.00
SISSONVILLE____ 23735	22.62 0.59 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.89 0.46 0.00	19.64 0.36 0.00	22.29 0.19 0.00	22.99 0.12 0.00	25.85 -0.03 0.35	37.48 -0.19 2.49	26.91 -0.05 0.00	37.93 0.10 0.00	33.25 0.25 0.00	37.62 0.25 0.00	30.53 0.12 0.00	29.69 -0.04 0.00	29.51 -0.19 0.00	28.46 -0.82 0.00	37.82 -1.36 0.00	28.62 -1.13 0.00	25.27 -0.92 0.00	30.30 -0.52 0.00	28.82 0.13 0.00	23.72 0.26 0.00	23.50 0.37 0.00
SITHE_IND_GS1 24169	21.32 -0.72 0.00	19.46 -0.67 0.00	19.20 -0.66 0.00	17.81 -0.61 0.00	18.65 -0.64 0.00	21.36 -0.74 0.00	22.01 -0.85 0.00	22.56 -1.11 2.55	20.36 -1.83 17.97	25.77 -1.19 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.76 -1.61 0.00	29.13 -1.28 0.00	28.48 -1.24 0.00	28.47 -1.22 0.00	28.22 -1.07 0.00	37.78 -1.40 0.00	28.68 -1.07 0.00	25.21 -0.98 0.00	29.57 -1.25 0.00	27.50 -1.19 0.00	22.54 -0.92 0.00	22.31 -0.82 0.00
SITHE_IND_GS2 24170	21.32 -0.72 0.00	19.46 -0.67 0.00	19.20 -0.66 0.00	17.81 -0.61 0.00	18.65 -0.64 0.00	21.36 -0.74 0.00	22.01 -0.85 0.00	22.56 -1.11 2.55	20.36 -1.83 17.97	25.77 -1.19 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.76 -1.61 0.00	29.13 -1.28 0.00	28.48 -1.24 0.00	28.47 -1.22 0.00	28.22 -1.07 0.00	37.78 -1.40 0.00	28.68 -1.07 0.00	25.21 -0.98 0.00	29.57 -1.25 0.00	27.50 -1.19 0.00	22.54 -0.92 0.00	22.31 -0.82 0.00
SITHE_IND_GS3 24171	21.32 -0.72 0.00	19.46 -0.67 0.00	19.20 -0.66 0.00	17.81 -0.61 0.00	18.65 -0.64 0.00	21.36 -0.74 0.00	22.01 -0.85 0.00	22.56 -1.11 2.55	20.36 -1.83 17.97	25.77 -1.19 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.76 -1.61 0.00	29.13 -1.28 0.00	28.48 -1.24 0.00	28.47 -1.22 0.00	28.22 -1.07 0.00	37.78 -1.40 0.00	28.68 -1.07 0.00	25.21 -0.98 0.00	29.57 -1.25 0.00	27.50 -1.19 0.00	22.54 -0.92 0.00	22.31 -0.82 0.00
SITHE_IND_GS4 24172	21.32 -0.72 0.00	19.46 -0.67 0.00	19.20 -0.66 0.00	17.81 -0.61 0.00	18.65 -0.64 0.00	21.36 -0.74 0.00	22.01 -0.85 0.00	22.56 -1.11 2.55	20.36 -1.83 17.97	25.77 -1.19 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.76 -1.61 0.00	29.13 -1.28 0.00	28.48 -1.24 0.00	28.47 -1.22 0.00	28.22 -1.07 0.00	37.78 -1.40 0.00	28.68 -1.07 0.00	25.21 -0.98 0.00	29.57 -1.25 0.00	27.50 -1.19 0.00	22.54 -0.92 0.00	22.31 -0.82 0.00
SITHE___BATAVIA 24024	21.40 -0.64 0.00	19.13 -0.75 0.25	19.10 -0.71 0.05	17.76 -0.66 0.00	18.60 -0.68 0.00	21.44 -0.66 0.00	21.94 -0.92 0.00	22.59 -1.47 2.16	20.95 -2.22 16.99	25.76 -1.20 0.00	36.25 -1.58 0.00	31.59 -1.42 0.00	35.66 -1.71 0.00	29.10 -1.31 0.00	28.31 -1.42 0.00	28.31 -1.38 0.00	28.27 -1.02 0.00	37.97 -1.21 0.00	28.65 -1.10 0.00	25.08 -1.11 0.00	29.41 -1.41 0.00	28.03 -0.66 0.00	22.99 -0.46 0.00	22.75 -0.38 0.00
SITHE___INDEPEND 23800	21.32 -0.72 0.00	19.46 -0.67 0.00	19.20 -0.66 0.00	17.81 -0.61 0.00	18.64 -0.64 0.00	21.36 -0.74 0.00	22.01 -0.85 0.00	22.56 -1.11 2.55	20.37 -1.82 17.97	25.77 -1.20 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.76 -1.61 0.00	29.13 -1.28 0.00	28.48 -1.24 0.00	28.47 -1.22 0.00	28.22 -1.07 0.00	37.78 -1.40 0.00	28.68 -1.07 0.00	25.22 -0.98 0.00	29.57 -1.25 0.00	27.50 -1.19 0.00	22.54 -0.92 0.00	22.31 -0.82 0.00
SITHE___MASSENA 23902	22.66 0.62 0.00	20.68 0.55 0.00	20.41 0.55 0.00	18.91 0.49 0.00	19.74 0.46 0.00	22.57 0.47 0.00	23.31 0.45 0.00	26.40 0.33 0.16	39.38 0.38 1.16	27.30 0.33 0.00	38.37 0.54 0.00	33.63 0.63 0.00	38.10 0.74 0.00	30.94 0.52 0.00	30.12 0.39 0.00	29.97 0.28 0.00	29.04 -0.25 0.00	38.64 -0.54 0.00	29.29 -0.46 0.00	25.83 -0.36 0.00	30.80 -0.02 0.00	29.05 0.36 0.00	23.87 0.41 0.00	23.59 0.46 0.00
SITHE___OGDNSBRG 24021	23.01 0.98 0.00	20.99 0.87 0.00	20.72 0.86 0.00	19.19 0.77 0.00	20.02 0.73 0.00	22.84 0.74 0.00	23.63 0.77 0.00	26.72 0.77 0.28	39.21 1.02 1.97	27.71 0.75 0.00	39.00 1.18 0.00	34.20 1.20 0.00	38.77 1.40 0.00	31.50 1.08 0.00	30.62 0.89 0.00	30.43 0.74 0.00	29.44 0.16 0.00	39.14 -0.04 0.00	29.62 -0.13 0.00	26.14 -0.05 0.00	31.26 0.44 0.00	29.56 0.87 0.00	24.28 0.82 0.00	23.99 0.85 0.00

SITHE___STERLING 23777	22.50 0.46 0.00	20.56 -0.43 0.00	20.32 0.46 0.00	18.85 0.43 0.00	19.73 0.45 0.00	22.66 0.56 0.00	23.53 0.67 0.00	25.86 0.79 1.16	33.26 1.24 8.14	27.80 0.84 0.00	38.98 1.15 0.00	33.93 0.93 0.00	38.28 0.91 0.00	31.23 0.82 0.00	30.56 0.83 0.00	30.57 0.88 0.00	30.41 1.12 0.00	40.69 1.52 0.00	30.86 1.12 0.00	27.13 0.94 0.00	31.77 0.95 0.00	29.45 0.76 0.00	24.00 0.54 0.00	23.66 0.52 0.00
SLEIGHT__34_KV_TB1 80719	21.48 -0.56 0.00	19.52 -0.61 0.00	19.27 -0.59 0.00	17.89 -0.54 0.00	18.71 -0.58 0.00	21.52 -0.58 0.00	22.13 -0.73 0.00	23.04 -1.01 2.18	23.35 -1.55 15.26	26.19 -0.77 0.00	36.90 -0.93 0.00	32.17 -0.83 0.00	36.39 -0.98 0.00	29.62 -0.79 0.00	28.93 -0.79 0.00	28.92 -0.78 0.00	28.79 -0.49 0.00	38.66 -0.52 0.00	29.26 -0.49 0.00	25.61 -0.58 0.00	29.99 -0.82 0.00	27.92 -0.77 0.00	22.85 -0.61 0.00	22.63 -0.50 0.00
SOUTH CAIRO___GT 23612	22.94 0.90 0.00	21.00 0.87 0.00	20.70 0.84 0.00	19.25 0.83 0.00	20.20 0.92 0.00	23.12 1.03 0.00	24.07 1.21 0.00	27.43 1.65 0.45	39.69 2.66 3.14	28.72 1.76 0.00	40.06 2.23 0.00	34.87 1.87 0.00	39.33 1.96 0.00	31.78 1.37 0.00	31.07 1.35 0.00	31.28 1.59 0.00	31.40 2.11 0.00	42.32 3.14 0.00	32.16 2.41 0.00	28.27 2.08 0.00	32.99 2.18 0.00	30.53 1.84 0.00	24.78 1.32 0.00	24.30 1.16 0.00
SOUTH HAMPTN___IC 23720	23.30 1.27 0.00	21.29 1.17 0.00	21.05 1.19 0.00	19.51 1.09 0.00	20.49 1.21 0.00	23.58 1.49 0.00	24.34 1.48 0.00	27.43 1.74 0.53	39.09 2.69 3.76	29.38 2.42 0.00	40.98 3.14 0.00	35.33 2.33 0.00	40.19 2.82 0.00	33.00 2.59 0.00	32.37 2.64 0.00	37.53 3.02 -4.82	36.81 3.34 -4.18	43.70 4.52 0.00	32.94 3.19 0.00	28.97 2.77 0.00	33.72 2.91 0.00	30.88 2.19 0.00	25.27 1.82 0.00	25.37 2.23 0.00
SOUTHDOW_115KV_TB1 355954	21.73 -0.30 0.00	19.69 -0.43 0.00	19.45 -0.41 0.00	17.93 -0.49 0.00	18.78 -0.50 0.00	21.62 -0.48 0.00	22.10 -0.76 0.00	22.96 -1.17 2.09	23.83 -1.63 14.71	26.31 -0.65 0.00	37.10 -0.73 0.00	32.40 -0.59 0.00	36.67 -0.70 0.00	29.93 -0.48 0.00	29.21 -0.52 0.00	28.95 -0.74 0.00	28.84 -0.45 0.00	38.94 -0.24 0.00	29.46 -0.29 0.00	25.84 -0.35 0.00	30.20 -0.62 0.00	28.39 -0.31 0.00	23.29 -0.16 0.00	22.93 -0.20 0.00
SOUTHOLD_69_KV_BK 2 55809	23.56 1.53 0.00	21.53 1.40 0.00	21.27 1.41 0.00	19.72 1.30 0.00	20.72 1.44 0.00	23.86 1.76 0.00	24.66 1.80 0.00	27.85 2.16 0.53	39.72 3.32 3.76	29.83 2.86 0.00	41.62 3.79 0.00	35.86 2.87 0.00	40.78 3.41 0.00	33.47 3.06 0.00	32.86 3.13 0.00	38.05 3.54 -4.82	37.38 3.91 -4.19	44.48 5.31 0.00	33.54 3.79 0.00	29.47 3.28 0.00	34.30 3.48 0.00	31.39 2.70 0.00	25.66 2.21 0.00	25.72 2.58 0.00
SOUTHOLD___IC 23719	23.56 1.53 0.00	21.53 1.40 0.00	21.27 1.41 0.00	19.72 1.30 0.00	20.72 1.44 0.00	23.85 1.76 0.00	24.66 1.80 0.00	27.85 2.16 0.53	39.75 3.35 3.76	29.83 2.86 0.00	41.62 3.79 0.00	35.86 2.87 0.00	40.78 3.42 0.00	33.47 3.06 0.00	32.86 3.14 0.00	38.05 3.54 -4.82	37.38 3.91 -4.19	44.49 5.31 0.00	33.54 3.79 0.00	29.47 3.28 0.00	34.30 3.48 0.00	31.39 2.70 0.00	25.66 2.21 0.00	25.71 2.58 0.00
SOUTH_FORK_WT_PWR 323839	23.59 1.55 0.00	21.55 1.42 0.00	21.30 1.44 0.00	19.75 1.33 0.00	20.74 1.46 0.00	23.89 1.79 0.00	24.69 1.83 0.00	27.87 2.18 0.53	39.78 3.38 3.76	29.85 2.90 0.00	41.66 3.83 0.00	35.89 2.90 0.00	40.83 3.47 0.00	33.51 3.10 0.00	32.89 3.16 0.00	38.08 3.56 -4.82	37.41 3.94 -4.18	44.52 5.34 0.00	33.56 3.81 0.00	29.50 3.31 0.00	34.33 3.51 0.00	31.42 2.73 0.00	25.69 2.24 0.00	25.75 2.62 0.00
SPIERFLS_115KV_TB 1 80737	22.65 0.61 0.00	20.69 0.56 0.00	20.50 0.64 0.00	19.05 0.62 0.00	19.95 0.67 0.00	23.11 1.01 0.00	24.12 1.26 0.00	27.53 1.71 0.40	40.02 2.68 2.82	28.79 1.84 0.00	40.26 2.43 0.00	34.85 1.85 0.00	39.12 1.76 0.00	31.57 1.16 0.00	30.53 0.80 0.00	30.63 0.94 0.00	30.47 1.18 0.00	40.85 1.67 0.00	31.11 1.36 0.00	27.34 1.15 0.00	31.65 0.84 0.00	29.34 0.65 0.00	23.87 0.42 0.00	23.37 0.23 0.00
ST LAWRENCE___ 23600	22.33 0.30 0.00	20.38 0.25 0.00	20.11 0.25 0.00	18.64 0.22 0.00	19.47 0.19 0.00	22.28 0.19 0.00	23.02 0.16 0.00	26.19 0.09 0.13	39.29 0.02 0.89	27.05 0.09 0.00	38.01 0.18 0.00	33.21 0.21 0.00	37.63 0.27 0.00	30.56 0.15 0.00	29.74 0.01 0.00	29.61 -0.08 0.00	28.78 -0.51 0.00	38.30 -0.88 0.00	29.05 -0.70 0.00	25.63 -0.56 0.00	30.52 -0.29 0.00	28.74 0.04 0.00	23.54 0.09 0.00	23.27 0.13 0.00
STATE_CA_115KV_115_LB 55624	22.14 0.10 0.00	20.28 0.16 0.00	20.01 0.15 0.00	18.60 0.17 0.00	19.49 0.21 0.00	22.25 0.15 0.00	23.12 0.26 0.00	26.33 0.51 0.41	38.07 0.80 2.90	27.51 0.55 0.00	38.51 0.68 0.00	33.53 0.54 0.00	37.96 0.59 0.00	30.90 0.49 0.00	30.23 0.50 0.00	30.32 0.63 0.00	30.12 0.83 0.00	40.43 1.25 0.00	30.72 0.97 0.00	27.01 0.82 0.00	31.53 0.71 0.00	29.19 0.50 0.00	23.79 0.33 0.00	23.34 0.20 0.00
STATE_ST_34_KV_LOAD 55959	22.04 0.01 0.00	20.09 -0.03 0.00	19.79 -0.07 0.00	18.39 -0.04 0.00	19.25 -0.03 0.00	22.12 0.03 0.00	22.73 -0.13 0.00	23.84 -0.27 2.11	25.24 -0.21 14.71	27.23 0.27 0.00	38.27 0.44 0.00	33.27 0.27 0.00	37.75 0.38 0.00	30.66 0.25 0.00	30.01 0.29 0.00	29.98 0.29 0.00	29.93 0.64 0.00	40.20 1.03 0.00	30.52 0.77 0.00	26.71 0.52 0.00	31.27 0.45 0.00	29.03 0.34 0.00	23.72 0.26 0.00	23.45 0.32 0.00
STATION 5_MISC_HYD 23604	21.31 -0.72 0.00	19.18 -0.78 0.17	19.08 -0.75 0.03	17.72 -0.70 0.00	18.55 -0.73 0.00	21.32 -0.77 0.00	21.87 -0.99 0.00	22.63 -1.40 2.19	21.40 -2.25 16.52	25.74 -1.22 0.00	36.27 -1.56 0.00	31.65 -1.35 0.00	35.78 -1.59 0.00	29.17 -1.25 0.00	28.40 -1.33 0.00	28.38 -1.32 0.00	28.23 -1.06 0.00	37.89 -1.29 0.00	28.64 -1.11 0.00	25.11 -1.08 0.00	29.42 -1.40 0.00	27.31 -1.38 0.00	22.39 -1.06 0.00	22.22 -0.91 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.24 0.21 0.00	20.22 0.09 0.00	19.94 0.08 0.00	18.34 -0.08 0.00	19.41 0.13 0.00	22.28 0.19 0.00	22.36 -0.50 0.00	23.32 -0.73 2.17	23.78 -1.17 15.21	26.45 -0.51 0.00	37.21 -0.62 0.00	32.48 -0.52 0.00	36.73 -0.64 0.00	29.96 -0.46 0.00	29.24 -0.49 0.00	29.23 -0.47 0.00	29.10 -0.19 0.00	39.05 -0.13 0.00	29.57 -0.17 0.00	25.90 -0.29 0.00	30.34 -0.47 0.00	28.60 -0.09 0.00	23.37 -0.09 0.00	23.12 -0.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.23 -0.81 0.00	19.28 -0.85 0.00	19.05 -0.82 0.00	17.66 -0.76 0.00	18.48 -0.80 0.00	21.24 -0.86 0.00	21.81 -1.05 0.00	22.59 -1.44 2.19	22.48 -2.29 15.39	25.69 -1.27 0.00	36.20 -1.63 0.00	31.59 -1.41 0.00	35.71 -1.66 0.00	29.11 -1.30 0.00	28.35 -1.37 0.00	28.34 -1.36 0.00	28.20 -1.09 0.00	37.82 -1.35 0.00	28.60 -1.15 0.00	25.06 -1.12 0.00	29.37 -1.44 0.00	27.31 -1.39 0.00	22.37 -1.09 0.00	22.18 -0.95 0.00

STA_56___34_KV_BUS2 355983	21.23 -0.81 0.00	19.28 -0.85 0.00	19.05 -0.82 0.00	17.66 -0.76 0.00	18.48 -0.80 0.00	21.24 -0.86 0.00	21.81 -1.05 0.00	22.59 -1.44 2.19	22.48 -2.29 15.39	25.69 -1.27 0.00	36.20 -1.63 0.00	31.59 -1.41 0.00	35.71 -1.66 0.00	29.11 -1.30 0.00	28.35 -1.37 0.00	28.34 -1.36 0.00	28.20 -1.09 0.00	37.82 -1.35 0.00	28.60 -1.15 0.00	25.06 -1.12 0.00	29.37 -1.44 0.00	27.31 -1.39 0.00	22.37 -1.09 0.00	22.18 -0.95 0.00
STA_67___115KV_BK2 355882	21.27 -0.76 0.00	19.31 -0.82 0.00	19.08 -0.78 0.00	17.69 -0.73 0.00	18.52 -0.77 0.00	21.28 -0.82 0.00	21.81 -1.05 0.00	22.57 -1.47 2.19	22.44 -2.33 15.40	25.67 -1.29 0.00	36.18 -1.65 0.00	31.56 -1.44 0.00	35.68 -1.69 0.00	29.08 -1.33 0.00	28.32 -1.41 0.00	28.30 -1.39 0.00	28.15 -1.14 0.00	37.78 -1.40 0.00	28.56 -1.19 0.00	25.03 -1.16 0.00	29.33 -1.48 0.00	27.25 -1.44 0.00	22.34 -1.11 0.00	22.17 -0.96 0.00
STA_7___115KV_9TRANS 80674	21.41 -0.63 0.00	19.42 -0.70 0.00	19.19 -0.67 0.00	17.79 -0.64 0.00	18.62 -0.66 0.00	21.41 -0.68 0.00	21.97 -0.89 0.00	22.77 -1.27 2.19	22.76 -2.01 15.39	25.89 -1.07 0.00	36.48 -1.35 0.00	31.84 -1.16 0.00	35.99 -1.38 0.00	29.33 -1.08 0.00	28.57 -1.16 0.00	28.55 -1.14 0.00	28.41 -0.88 0.00	38.14 -1.04 0.00	28.84 -0.91 0.00	25.26 -0.92 0.00	29.61 -1.21 0.00	27.48 -1.21 0.00	22.52 -0.93 0.00	22.34 -0.79 0.00
STA_82___115KV_TB1 80780	21.29 -0.75 0.00	19.33 -0.80 0.00	19.09 -0.77 0.00	17.70 -0.72 0.00	18.53 -0.75 0.00	21.29 -0.81 0.00	21.82 -1.04 0.00	22.59 -1.45 2.19	22.49 -2.30 15.38	25.70 -1.27 0.00	36.20 -1.63 0.00	31.58 -1.42 0.00	35.71 -1.66 0.00	29.10 -1.31 0.00	28.34 -1.39 0.00	28.32 -1.38 0.00	28.17 -1.12 0.00	37.81 -1.37 0.00	28.58 -1.17 0.00	25.05 -1.13 0.00	29.36 -1.46 0.00	27.25 -1.45 0.00	22.34 -1.12 0.00	22.17 -0.97 0.00
STEEL___WIND 323596	21.16 -0.87 0.00	18.79 -0.97 0.36	18.83 -0.96 0.07	17.51 -0.92 0.00	18.31 -0.97 0.00	21.07 -1.02 0.00	21.44 -1.42 0.00	21.96 -2.14 2.13	19.29 -3.24 17.63	25.17 -1.79 0.00	35.46 -2.36 0.00	30.89 -2.11 0.00	34.87 -2.50 0.00	28.47 -1.94 0.00	27.67 -2.06 0.00	27.59 -2.11 0.00	27.49 -1.80 0.00	36.92 -2.26 0.00	27.87 -1.88 0.00	24.43 -1.76 0.00	28.68 -2.14 0.00	27.08 -1.61 0.00	22.29 -1.16 0.00	22.17 -0.96 0.00
STEPHTWN_115KV_BK_2 55603	22.26 0.23 0.00	20.38 0.25 0.00	20.09 0.23 0.00	18.65 0.23 0.00	19.58 0.29 0.00	22.38 0.29 0.00	23.32 0.46 0.00	26.56 0.75 0.42	38.35 1.11 2.92	27.77 0.81 0.00	38.85 1.02 0.00	33.82 0.83 0.00	38.35 0.98 0.00	31.19 0.77 0.00	30.55 0.82 0.00	30.62 0.93 0.00	30.43 1.14 0.00	40.97 1.79 0.00	31.12 1.37 0.00	27.36 1.16 0.00	31.90 1.08 0.00	29.51 0.81 0.00	24.02 0.56 0.00	23.57 0.43 0.00
STEBUBEN_REC_LFGE 323667	22.16 0.12 0.00	20.25 0.12 0.00	19.88 0.02 0.00	18.19 -0.23 0.00	18.96 -0.32 0.00	22.02 -0.07 0.00	22.27 -0.59 0.00	23.45 -0.89 1.88	24.99 -1.93 13.24	25.79 -1.17 0.00	36.09 -1.74 0.00	31.44 -1.56 0.00	35.44 -1.93 0.00	28.82 -1.59 0.00	28.34 -1.39 0.00	28.28 -1.41 0.00	28.32 -0.97 0.00	38.34 -0.84 0.00	29.14 -0.61 0.00	25.25 -0.94 0.00	29.86 -0.95 0.00	27.90 -0.80 0.00	22.89 -0.57 0.00	23.09 -0.05 0.00
STILLWATER___SOLAR 323814	22.65 0.62 0.00	20.71 0.58 0.00	20.45 0.59 0.00	18.99 0.57 0.00	19.91 0.63 0.00	22.92 0.82 0.00	23.85 0.99 0.00	27.18 1.36 0.40	39.46 2.13 2.83	28.39 1.43 0.00	39.72 1.89 0.00	34.50 1.50 0.00	38.94 1.57 0.00	31.59 1.17 0.00	30.80 1.07 0.00	30.89 1.20 0.00	30.72 1.43 0.00	41.21 2.03 0.00	31.34 1.59 0.00	27.55 1.36 0.00	32.08 1.27 0.00	29.70 1.01 0.00	24.20 0.75 0.00	23.74 0.60 0.00
STONY___BROOK 24151	22.98 0.94 0.00	21.00 0.87 0.00	20.77 0.91 0.00	19.25 0.82 0.00	20.19 0.91 0.00	23.23 1.14 0.00	24.22 1.36 0.00	27.36 1.67 0.53	38.86 2.46 3.76	29.03 2.07 0.00	40.77 2.94 0.00	35.20 2.21 0.00	39.98 2.61 0.00	32.79 2.37 0.00	32.21 2.49 0.00	37.35 2.82 -4.84	36.66 3.17 -4.20	43.39 4.21 0.00	32.72 2.97 0.00	28.81 2.62 0.00	33.56 2.74 0.00	30.75 2.06 0.00	25.17 1.71 0.00	24.96 1.82 0.00
STURGEON_POOL_HYD 23609	22.52 0.48 0.00	20.59 0.46 0.00	20.32 0.45 0.00	18.84 0.41 0.00	19.74 0.45 0.00	22.69 0.59 0.00	23.67 0.81 0.00	26.80 1.09 0.51	38.15 1.62 3.62	28.12 1.15 0.00	39.38 1.55 0.00	34.31 1.32 0.00	38.99 1.62 0.00	31.86 1.45 0.00	31.25 1.52 0.00	31.31 1.62 0.00	31.23 1.94 0.00	41.94 2.76 0.00	31.86 2.11 0.00	27.99 1.80 0.00	32.58 1.77 0.00	30.06 1.37 0.00	24.51 1.05 0.00	24.03 0.89 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.43 0.40 0.00	20.52 0.40 0.00	20.27 0.41 0.00	18.80 0.38 0.00	19.71 0.43 0.00	22.64 0.55 0.00	23.64 0.78 0.00	26.73 1.07 0.56	37.73 1.53 3.96	28.06 1.10 0.00	39.33 1.50 0.00	34.31 1.31 0.00	38.96 1.59 0.00	31.80 1.38 0.00	31.22 1.49 0.00	31.27 1.57 0.00	31.21 1.92 0.00	41.92 2.74 0.00	31.83 2.08 0.00	27.97 1.78 0.00	32.55 1.74 0.00	30.00 1.31 0.00	24.45 1.00 0.00	23.97 0.84 0.00
SWANROAD_115KV_TB1 355699	20.47 -1.56 0.00	18.53 -1.60 0.00	18.31 -1.55 0.00	16.98 -1.44 0.00	17.75 -1.53 0.00	20.44 -1.66 0.00	20.74 -2.12 0.00	21.02 -3.06 2.15	20.48 -4.61 15.07	24.13 -2.83 0.00	33.93 -3.90 0.00	29.55 -3.45 0.00	33.30 -4.07 0.00	27.19 -3.22 0.00	26.49 -3.24 0.00	26.48 -3.21 0.00	26.42 -2.87 0.00	35.43 -3.75 0.00	26.71 -3.04 0.00	23.40 -2.79 0.00	27.51 -3.31 0.00	26.00 -2.70 0.00	21.46 -1.99 0.00	21.43 -1.71 0.00
SYNERGY___BIOGAS 323694	21.40 -0.64 0.00	19.13 -0.75 0.25	19.10 -0.71 0.05	17.76 -0.66 0.00	18.60 -0.68 0.00	21.44 -0.66 0.00	21.94 -0.92 0.00	22.59 -1.47 2.16	20.95 -2.22 16.99	25.76 -1.20 0.00	36.25 -1.58 0.00	31.59 -1.42 0.00	35.66 -1.71 0.00	29.10 -1.31 0.00	28.31 -1.42 0.00	28.31 -1.38 0.00	28.27 -1.02 0.00	37.97 -1.21 0.00	28.65 -1.10 0.00	25.08 -1.11 0.00	29.41 -1.41 0.00	28.03 -0.66 0.00	22.99 -0.46 0.00	22.75 -0.38 0.00
SYRACUSE___ENERGY_ST1 323597	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.64 -0.45 2.14	24.58 -0.63 14.94	26.82 -0.14 0.00	37.72 -0.11 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.05 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00
SYRACUSE___ENERGY_ST2 323598	21.81 -0.22 0.00	19.91 -0.22 0.00	19.61 -0.25 0.00	18.21 -0.21 0.00	19.07 -0.21 0.00	21.87 -0.22 0.00	22.58 -0.28 0.00	23.64 -0.45 2.14	24.58 -0.63 14.94	26.82 -0.14 0.00	37.72 -0.11 0.00	32.87 -0.13 0.00	37.22 -0.15 0.00	30.31 -0.10 0.00	29.67 -0.06 0.00	29.65 -0.05 0.00	29.50 0.22 0.00	39.56 0.39 0.00	30.03 0.27 0.00	26.34 0.15 0.00	30.84 0.02 0.00	28.68 -0.02 0.00	23.47 0.01 0.00	23.20 0.07 0.00

SYRACUSE___POWER 24017	21.79 -0.24 0.00	19.88 -0.25 0.00	19.60 -0.26 0.00	18.19 -0.23 0.00	19.05 -0.23 0.00	21.85 -0.25 0.00	22.57 -0.29 0.00	23.70 -0.46 2.07	24.84 -0.84 14.48	26.57 -0.39 0.00	37.39 -0.43 0.00	32.61 -0.38 0.00	36.91 -0.46 0.00	30.08 -0.33 0.00	29.45 -0.28 0.00	29.43 -0.26 0.00	29.24 -0.05 0.00	39.20 0.02 0.00	29.76 0.00 0.00	26.12 -0.06 0.00	30.58 -0.24 0.00	28.42 -0.28 0.00	23.27 -0.19 0.00	23.01 -0.12 0.00
TALLMAN___138KV_BK151 55660	22.48 0.44 0.00	20.57 0.44 0.00	20.32 0.46 0.00	18.85 0.43 0.00	19.77 0.48 0.00	22.72 0.62 0.00	23.75 0.89 0.00	26.88 1.21 0.55	38.00 1.72 3.89	28.19 1.23 0.00	39.52 1.69 0.00	34.48 1.49 0.00	39.16 1.80 0.00	31.98 1.57 0.00	31.40 1.68 0.00	31.46 1.77 0.00	31.43 2.14 0.00	42.23 3.05 0.00	32.05 2.30 0.00	28.17 1.98 0.00	32.75 1.93 0.00	30.15 1.46 0.00	24.56 1.10 0.00	24.08 0.94 0.00
TEALLAVE_115KV_TB7 355573	21.64 -0.39 0.00	19.75 -0.38 0.00	19.48 -0.38 0.00	18.08 -0.35 0.00	18.93 -0.35 0.00	21.70 -0.39 0.00	22.41 -0.45 0.00	23.51 -0.67 2.04	24.61 -1.21 14.34	26.32 -0.64 0.00	37.05 -0.78 0.00	32.31 -0.69 0.00	36.57 -0.80 0.00	29.81 -0.61 0.00	29.16 -0.57 0.00	29.14 -0.55 0.00	28.95 -0.34 0.00	38.79 -0.38 0.00	29.44 -0.31 0.00	25.85 -0.34 0.00	30.27 -0.55 0.00	28.13 -0.57 0.00	23.05 -0.40 0.00	22.82 -0.32 0.00
TELGRAPH_34_KV_EAST 80808	20.97 -1.06 0.00	18.98 -1.15 0.00	18.76 -1.10 0.00	17.39 -1.03 0.00	18.20 -1.08 0.00	20.96 -1.13 0.00	21.34 -1.52 0.00	21.83 -2.24 2.16	21.63 -3.38 15.15	24.97 -1.99 0.00	35.14 -2.69 0.00	30.61 -2.39 0.00	34.55 -2.82 0.00	28.18 -2.23 0.00	27.42 -2.31 0.00	27.40 -2.29 0.00	27.36 -1.93 0.00	36.71 -2.46 0.00	27.68 -2.07 0.00	24.24 -1.95 0.00	28.47 -2.35 0.00	26.81 -1.88 0.00	22.10 -1.36 0.00	21.98 -1.16 0.00
TEMPLE___115KV_TB 2 55572	21.66 -0.38 0.00	19.76 -0.37 0.00	19.49 -0.37 0.00	18.08 -0.34 0.00	18.94 -0.34 0.00	21.72 -0.38 0.00	22.42 -0.44 0.00	23.50 -0.67 2.05	24.54 -1.20 14.43	26.33 -0.63 0.00	37.05 -0.77 0.00	32.33 -0.67 0.00	36.58 -0.79 0.00	29.82 -0.60 0.00	29.18 -0.55 0.00	29.17 -0.53 0.00	28.96 -0.32 0.00	38.83 -0.35 0.00	29.46 -0.29 0.00	25.87 -0.32 0.00	30.29 -0.53 0.00	28.13 -0.56 0.00	23.07 -0.39 0.00	22.83 -0.31 0.00
TIANA___69_KV_BK 1 55817	23.25 1.22 0.00	21.25 1.12 0.00	21.00 1.14 0.00	19.47 1.04 0.00	20.44 1.15 0.00	23.52 1.42 0.00	24.28 1.42 0.00	27.37 1.68 0.53	38.96 2.56 3.76	29.30 2.34 0.00	40.87 3.04 0.00	35.24 2.24 0.00	40.07 2.71 0.00	32.91 2.50 0.00	32.28 2.55 0.00	37.44 2.93 -4.82	36.72 3.25 -4.19	43.58 4.40 0.00	32.86 3.11 0.00	28.89 2.70 0.00	33.64 2.83 0.00	30.80 2.10 0.00	25.22 1.76 0.00	25.30 2.17 0.00
TILDEN___115KV_TB1 80814	21.79 -0.24 0.00	19.88 -0.25 0.00	19.60 -0.26 0.00	18.19 -0.23 0.00	19.05 -0.23 0.00	21.85 -0.25 0.00	22.57 -0.29 0.00	23.70 -0.46 2.07	24.84 -0.84 14.48	26.57 -0.39 0.00	37.39 -0.43 0.00	32.61 -0.38 0.00	36.91 -0.46 0.00	30.08 -0.33 0.00	29.45 -0.28 0.00	29.43 -0.26 0.00	29.24 -0.05 0.00	39.20 0.02 0.00	29.76 0.00 0.00	26.12 -0.06 0.00	30.58 -0.24 0.00	28.42 -0.28 0.00	23.27 -0.19 0.00	23.01 -0.12 0.00
TRIGEN___CC 323695	22.69 0.65 0.00	20.75 0.62 0.00	20.51 0.65 0.00	19.01 0.59 0.00	19.93 0.66 0.00	22.92 0.83 0.00	24.00 1.14 0.00	27.15 1.46 0.53	38.50 2.10 3.76	28.62 1.66 0.00	40.22 2.38 0.00	34.86 1.86 0.00	39.61 2.24 0.00	32.43 2.02 0.00	31.85 2.13 0.00	39.99 2.32 -7.98	39.33 2.69 -7.36	42.82 3.64 0.00	32.39 2.64 0.00	28.48 2.29 0.00	33.17 2.35 0.00	30.48 1.78 0.00	24.89 1.43 0.00	24.47 1.33 0.00
TRINITY___115KV___4 BK 55933	22.06 0.02 0.00	20.22 0.09 0.00	19.94 0.08 0.00	18.54 0.12 0.00	19.43 0.14 0.00	22.17 0.08 0.00	23.02 0.16 0.00	26.22 0.40 0.41	37.87 0.62 2.92	27.39 0.43 0.00	38.34 0.51 0.00	33.39 0.39 0.00	37.79 0.42 0.00	30.76 0.34 0.00	30.10 0.37 0.00	30.19 0.50 0.00	29.97 0.69 0.00	40.24 1.06 0.00	30.58 0.83 0.00	26.90 0.71 0.00	31.40 0.58 0.00	29.07 0.38 0.00	23.70 0.24 0.00	23.25 0.12 0.00
UNION___PROCESSING_DRP 323587	21.30 -0.74 0.00	19.33 -0.79 0.00	19.10 -0.76 0.00	17.71 -0.72 0.00	18.54 -0.75 0.00	21.30 -0.79 0.00	21.84 -1.02 0.00	22.60 -1.44 2.19	22.51 -2.28 15.37	25.70 -1.26 0.00	36.22 -1.61 0.00	31.60 -1.40 0.00	35.73 -1.64 0.00	29.12 -1.30 0.00	28.35 -1.38 0.00	28.33 -1.36 0.00	28.18 -1.10 0.00	37.82 -1.35 0.00	28.59 -1.16 0.00	25.05 -1.13 0.00	29.37 -1.45 0.00	28.60 -0.09 0.00	23.35 -0.11 0.00	22.91 -0.22 0.00
UPPER HUDSON___HYD 24058	22.65 0.61 0.00	20.69 0.56 0.00	20.50 0.64 0.00	19.05 0.62 0.00	19.95 0.66 0.00	23.11 1.01 0.00	24.12 1.26 0.00	27.53 1.71 0.40	40.03 2.70 2.82	28.80 1.84 0.00	40.26 2.43 0.00	34.85 1.85 0.00	39.13 1.76 0.00	31.57 1.16 0.00	30.53 0.80 0.00	30.63 0.94 0.00	30.47 1.18 0.00	40.85 1.67 0.00	31.11 1.36 0.00	27.35 1.15 0.00	31.65 0.84 0.00	29.34 0.65 0.00	23.88 0.42 0.00	23.37 0.23 0.00
UPPER RAQUET___HYD 24056	22.62 0.59 0.00	20.65 0.52 0.00	20.38 0.52 0.00	18.89 0.46 0.00	19.64 0.36 0.00	22.29 0.19 0.00	22.99 0.13 0.00	25.85 -0.03 0.35	37.48 -0.19 2.49	26.91 -0.05 0.00	37.93 0.10 0.00	33.25 0.25 0.00	37.62 0.25 0.00	30.53 0.12 0.00	29.69 -0.04 0.00	29.51 -0.19 0.00	28.47 -0.82 0.00	37.82 -1.36 0.00	28.62 -1.13 0.00	25.27 -0.92 0.00	30.30 -0.52 0.00	28.82 0.13 0.00	23.72 0.26 0.00	23.50 0.37 0.00
VALLEY44_115KV_TB2 355964	21.99 -0.05 0.00	19.92 -0.21 0.00	19.66 -0.20 0.00	18.19 -0.23 0.00	19.07 -0.22 0.00	21.89 -0.21 0.00	22.35 -0.51 0.00	23.31 -0.84 2.08	24.01 -1.52 14.62	26.33 -0.63 0.00	37.29 -0.54 0.00	32.67 -0.33 0.00	37.04 -0.33 0.00	30.22 -0.20 0.00	29.53 -0.19 0.00	29.28 -0.41 0.00	28.98 -0.31 0.00	38.97 -0.21 0.00	29.47 -0.28 0.00	25.81 -0.38 0.00	30.13 -0.68 0.00	28.27 -0.43 0.00	23.37 -0.09 0.00	23.15 0.02 0.00
VALLEY___115KV_TB 1-4 80826	21.88 -0.16 0.00	20.02 -0.10 0.00	19.73 -0.13 0.00	18.32 -0.11 0.00	19.20 -0.08 0.00	21.94 -0.15 0.00	22.82 -0.04 0.00	26.19 0.25 0.28	38.74 0.56 1.98	27.12 0.16 0.00	37.97 0.14 0.00	32.94 -0.06 0.00	37.18 -0.18 0.00	30.14 -0.27 0.00	29.62 -0.11 0.00	29.67 -0.03 0.00	29.52 0.23 0.00	39.66 0.48 0.00	30.24 0.49 0.00	26.65 0.46 0.00	31.16 0.34 0.00	28.74 0.05 0.00	23.48 0.02 0.00	22.96 -0.17 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.67 0.64 0.00	20.70 0.57 0.00	20.44 0.57 0.00	18.95 0.52 0.00	19.82 0.54 0.00	22.75 0.65 0.00	23.57 0.71 0.00	25.87 0.84 1.20	33.02 1.29 8.44	28.00 1.03 0.00	39.25 1.42 0.00	34.25 1.25 0.00	38.91 1.54 0.00	31.69 1.28 0.00	31.11 1.39 0.00	31.12 1.43 0.00	30.95 1.66 0.00	41.54 2.37 0.00	31.60 1.85 0.00	27.76 1.57 0.00	32.45 1.64 0.00	30.06 1.37 0.00	24.53 1.08 0.00	24.14 1.01 0.00

VISCHER___FERRY HYD 24020	22.38 0.34 0.00	20.46 0.34 0.00	20.18 0.32 0.00	18.74 0.32 0.00	19.65 0.37 0.00	22.54 0.44 0.00	23.42 0.56 0.00	26.70 0.88 0.40	38.70 1.39 2.85	27.89 0.92 0.00	39.01 1.18 0.00	33.95 0.95 0.00	38.39 1.02 0.00	31.19 0.78 0.00	30.48 0.75 0.00	30.57 0.88 0.00	30.36 1.07 0.00	40.76 1.58 0.00	30.99 1.24 0.00	27.27 1.07 0.00	31.79 0.97 0.00	29.44 0.75 0.00	24.00 0.55 0.00	23.55 0.42 0.00
V_A_10_SYNC_DSASP 323832	20.69 -1.34 0.00	18.50 -1.38 0.25	18.49 -1.32 0.05	17.19 -1.23 0.00	17.99 -1.29 0.00	20.68 -1.42 0.00	21.09 -1.77 0.00	21.62 -2.43 2.17	19.27 -3.79 17.10	24.74 -2.22 0.00	34.85 -2.98 0.00	30.38 -2.62 0.00	34.31 -3.06 0.00	27.98 -2.43 0.00	27.20 -2.53 0.00	27.15 -2.54 0.00	27.01 -2.27 0.00	36.25 -2.92 0.00	27.37 -2.38 0.00	23.98 -2.21 0.00	28.14 -2.68 0.00	26.41 -2.29 0.00	21.72 -1.73 0.00	21.63 -1.51 0.00
V_CMM_10_SYNC_DSASP 323787	22.43 0.39 0.00	20.48 0.35 0.00	20.20 0.34 0.00	18.72 0.30 0.00	19.56 0.27 0.00	22.39 0.29 0.00	23.12 0.27 0.00	26.30 0.21 0.13	39.47 0.19 0.89	27.17 0.20 0.00	38.17 0.34 0.00	33.36 0.36 0.00	37.80 0.43 0.00	30.68 0.27 0.00	29.88 0.15 0.00	29.75 0.06 0.00	28.93 -0.36 0.00	38.50 -0.68 0.00	29.20 -0.55 0.00	25.75 -0.44 0.00	30.67 -0.15 0.00	28.87 0.18 0.00	23.65 0.19 0.00	23.37 0.24 0.00
V_CMP_10_SYNC_DSASP 323788	23.34 1.30 0.00	21.31 1.18 0.00	20.99 1.13 0.00	19.45 1.03 0.00	20.35 1.07 0.00	23.22 1.12 0.00	23.97 1.12 0.00	27.29 1.20 0.14	40.69 1.51 0.98	28.15 1.19 0.00	39.46 1.63 0.00	34.36 1.37 0.00	38.77 1.40 0.00	31.40 0.99 0.00	30.52 0.79 0.00	30.12 0.43 0.00	29.00 -0.29 0.00	38.12 -1.06 0.00	28.99 -0.76 0.00	25.30 -0.89 0.00	30.09 -0.72 0.00	28.69 0.00 0.00	23.58 0.13 0.00	23.80 0.67 0.00
V_D_10_SYNC_DSASP 323841	20.26 -1.77 0.00	18.40 -1.72 0.00	18.20 -1.66 0.00	16.88 -1.54 0.00	17.66 -1.63 0.00	20.32 -1.77 0.00	20.61 -2.25 0.00	20.97 -3.11 2.15	20.41 -4.67 15.08	24.09 -2.87 0.00	33.89 -3.94 0.00	29.51 -3.48 0.00	33.27 -4.10 0.00	27.15 -3.26 0.00	26.29 -3.44 0.00	26.27 -3.42 0.00	26.19 -3.10 0.00	35.12 -4.06 0.00	26.48 -3.27 0.00	23.19 -3.00 0.00	27.27 -3.55 0.00	25.73 -2.96 0.00	21.18 -2.27 0.00	21.12 -2.02 0.00
V_E_10_SYNC_DSASP 323830	23.66 1.63 0.00	21.64 1.42 -0.10	21.26 1.38 -0.02	19.71 1.29 0.00	20.51 1.23 0.00	23.51 1.41 0.00	24.32 1.46 0.00	26.47 1.85 1.61	31.94 2.53 10.75	28.87 1.91 0.00	40.28 2.45 0.00	35.15 2.15 0.00	40.12 2.76 0.00	32.24 1.83 0.00	31.88 2.15 0.00	31.74 2.04 0.00	31.77 2.49 0.00	42.82 3.64 0.00	32.83 3.08 0.00	28.75 2.57 0.00	33.59 2.78 0.00	31.01 2.32 0.00	25.26 1.81 0.00	24.84 1.70 0.00
V_F_30_NSYNC___DSASP 323816	22.69 0.65 0.00	20.73 0.60 0.00	20.47 0.61 0.00	19.02 0.60 0.00	19.93 0.65 0.00	22.94 0.84 0.00	23.88 1.02 0.00	27.21 1.38 0.40	39.51 2.17 2.82	28.42 1.46 0.00	39.76 1.93 0.00	34.55 1.55 0.00	38.98 1.61 0.00	31.62 1.21 0.00	30.84 1.11 0.00	30.93 1.24 0.00	30.76 1.48 0.00	41.27 2.09 0.00	31.38 1.63 0.00	27.59 1.40 0.00	32.13 1.31 0.00	29.75 1.06 0.00	24.24 0.78 0.00	23.78 0.64 0.00
V_F_30_SYNC_DSASP 323786	22.13 0.10 0.00	20.28 0.16 0.00	20.01 0.15 0.00	18.60 0.17 0.00	19.49 0.21 0.00	22.25 0.15 0.00	23.12 0.26 0.00	26.33 0.51 0.41	38.06 0.80 2.90	27.51 0.55 0.00	38.51 0.68 0.00	33.53 0.53 0.00	37.95 0.58 0.00	30.89 0.48 0.00	30.23 0.50 0.00	30.32 0.63 0.00	30.12 0.83 0.00	40.43 1.25 0.00	30.72 0.97 0.00	27.00 0.82 0.00	31.53 0.71 0.00	29.19 0.50 0.00	23.79 0.33 0.00	23.33 0.20 0.00
V_XM_10_SYNC_DSASP 323789	23.34 1.30 0.00	21.31 1.18 0.00	20.99 1.13 0.00	19.45 1.03 0.00	20.35 1.07 0.00	23.22 1.12 0.00	23.97 1.12 0.00	27.29 1.20 0.14	40.69 1.51 0.98	28.15 1.19 0.00	39.46 1.63 0.00	34.36 1.37 0.00	38.77 1.40 0.00	31.40 0.99 0.00	30.52 0.79 0.00	30.12 0.43 0.00	29.00 -0.29 0.00	38.12 -1.06 0.00	28.99 -0.76 0.00	25.30 -0.89 0.00	30.09 -0.72 0.00	28.69 0.00 0.00	23.58 0.13 0.00	23.80 0.67 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.55 0.51 0.00	20.63 0.51 0.00	20.38 0.52 0.00	18.90 0.48 0.00	19.83 0.54 0.00	22.78 0.69 0.00	23.83 0.97 0.00	26.98 1.31 0.55	38.16 1.87 3.87	28.30 1.34 0.00	39.66 1.83 0.00	34.59 1.59 0.00	39.30 1.93 0.00	32.09 1.68 0.00	31.51 1.78 0.00	31.57 1.87 0.00	31.53 2.25 0.00	42.38 3.20 0.00	32.17 2.42 0.00	28.27 2.08 0.00	32.87 2.05 0.00	30.26 1.57 0.00	24.64 1.19 0.00	24.16 1.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.59 0.56 0.00	20.68 0.56 0.00	20.42 0.56 0.00	18.93 0.51 0.00	19.85 0.56 0.00	22.76 0.67 0.00	23.84 0.98 0.00	27.04 1.35 0.53	38.26 1.86 3.76	28.36 1.40 0.00	39.70 1.87 0.00	34.63 1.63 0.00	39.35 1.98 0.00	32.16 1.75 0.00	31.58 1.86 0.00	31.68 1.99 0.00	31.63 2.34 0.00	42.48 3.30 0.00	32.24 2.49 0.00	28.32 2.13 0.00	32.94 2.12 0.00	30.32 1.62 0.00	24.68 1.22 0.00	24.18 1.05 0.00
W50THST__13_KV_LOAD 356117	22.78 0.75 0.00	20.86 0.73 0.00	20.60 0.73 0.00	19.09 0.67 0.00	20.01 0.73 0.00	22.96 0.86 0.00	24.06 1.20 0.00	27.30 1.61 0.53	38.69 2.29 3.76	28.65 1.68 0.00	40.08 2.25 0.00	34.96 1.97 0.00	39.74 2.37 0.00	32.49 2.08 0.00	31.93 2.20 0.00	32.02 2.33 0.00	31.98 2.69 0.00	42.92 3.74 0.00	32.56 2.81 0.00	28.59 2.40 0.00	33.24 2.43 0.00	30.58 1.89 0.00	24.90 1.44 0.00	24.38 1.25 0.00
WADING RIVER_IC_1 23522	23.12 1.09 0.00	21.13 1.01 0.00	20.89 1.03 0.00	19.36 0.94 0.00	20.33 1.04 0.00	23.38 1.28 0.00	24.02 1.16 0.00	27.04 1.35 0.53	38.50 2.10 3.76	29.04 2.08 0.00	40.41 2.58 0.00	34.84 1.85 0.00	39.66 2.29 0.00	32.56 2.15 0.00	31.90 2.17 0.00	37.05 2.54 -4.82	36.30 2.83 -4.18	43.00 3.82 0.00	32.42 2.67 0.00	28.52 2.33 0.00	33.21 2.40 0.00	30.40 1.71 0.00	24.91 1.46 0.00	25.13 2.00 0.00
WADING RIVER_IC_2 23547	23.12 1.09 0.00	21.13 1.01 0.00	20.89 1.03 0.00	19.36 0.94 0.00	20.33 1.04 0.00	23.38 1.28 0.00	24.02 1.16 0.00	27.04 1.35 0.53	38.50 2.10 3.76	29.04 2.08 0.00	40.41 2.58 0.00	34.84 1.85 0.00	39.66 2.29 0.00	32.56 2.15 0.00	31.90 2.17 0.00	37.05 2.54 -4.82	36.30 2.83 -4.18	43.00 3.82 0.00	32.42 2.67 0.00	28.52 2.33 0.00	33.21 2.40 0.00	30.40 1.71 0.00	24.91 1.46 0.00	25.13 2.00 0.00
WADING RIVER_IC_3 23601	23.12 1.09 0.00	21.13 1.01 0.00	20.89 1.03 0.00	19.36 0.94 0.00	20.33 1.04 0.00	23.38 1.28 0.00	24.02 1.16 0.00	27.04 1.35 0.53	38.50 2.10 3.76	29.04 2.08 0.00	40.41 2.58 0.00	34.84 1.85 0.00	39.66 2.29 0.00	32.56 2.15 0.00	31.90 2.17 0.00	37.05 2.54 -4.82	36.30 2.83 -4.18	43.00 3.82 0.00	32.42 2.67 0.00	28.52 2.33 0.00	33.21 2.40 0.00	30.40 1.71 0.00	24.91 1.46 0.00	25.13 2.00 0.00



WALDENNY_12_KV_BK2 80841	21.16 -0.88 0.00	19.14 -0.98 0.00	18.90 -0.96 0.00	17.51 -0.91 0.00	18.31 -0.97 0.00	21.08 -1.02 0.00	21.45 -1.41 0.00	21.96 -2.14 2.13	22.00 -3.21 14.95	25.15 -1.81 0.00	35.42 -2.41 0.00	30.89 -2.11 0.00	34.81 -2.56 0.00	28.45 -1.96 0.00	27.67 -2.05 0.00	27.60 -2.09 0.00	27.51 -1.78 0.00	36.94 -2.24 0.00	27.87 -1.88 0.00	24.43 -1.76 0.00	28.67 -2.14 0.00	27.06 -1.64 0.00	22.29 -1.17 0.00	22.17 -0.97 0.00
WALDEN___HYDRO 24148	22.62 0.59 0.00	20.68 0.55 0.00	20.42 0.56 0.00	18.93 0.51 0.00	19.85 0.57 0.00	22.82 0.73 0.00	23.85 0.98 0.00	27.01 1.33 0.54	38.29 1.97 3.84	28.34 1.38 0.00	39.68 1.86 0.00	34.60 1.61 0.00	39.28 1.91 0.00	32.08 1.67 0.00	31.50 1.78 0.00	31.56 1.87 0.00	31.54 2.25 0.00	42.42 3.24 0.00	32.21 2.46 0.00	28.31 2.12 0.00	32.93 2.12 0.00	30.34 1.65 0.00	24.71 1.25 0.00	24.21 1.07 0.00
WARRENSBURG___ 23737	22.65 0.61 0.00	20.69 0.56 0.00	20.50 0.64 0.00	19.05 0.62 0.00	19.95 0.66 0.00	23.11 1.01 0.00	24.12 1.26 0.00	27.53 1.71 0.40	40.03 2.70 2.82	28.80 1.84 0.00	40.26 2.43 0.00	34.85 1.85 0.00	39.13 1.76 0.00	31.57 1.16 0.00	30.53 0.80 0.00	30.63 0.94 0.00	30.47 1.18 0.00	40.85 1.67 0.00	31.11 1.36 0.00	27.35 1.15 0.00	31.65 0.84 0.00	29.34 0.65 0.00	23.88 0.42 0.00	23.37 0.23 0.00
WATERSIDE___6 8 9 23538	22.54 0.50 0.00	20.65 0.52 0.00	20.39 0.53 0.00	18.91 0.49 0.00	19.81 0.53 0.00	22.72 0.62 0.00	23.80 0.94 0.00	26.97 1.28 0.53	38.15 1.75 3.76	28.29 1.33 0.00	39.59 1.76 0.00	34.55 1.55 0.00	39.26 1.89 0.00	32.10 1.68 0.00	31.54 1.82 0.00	31.65 1.96 0.00	31.59 2.30 0.00	42.43 3.25 0.00	32.20 2.45 0.00	28.30 2.11 0.00	32.90 2.09 0.00	30.27 1.58 0.00	24.64 1.18 0.00	24.14 1.00 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.94 -0.10 0.00	20.07 -0.06 0.00	19.78 -0.08 0.00	18.36 -0.06 0.00	19.24 -0.04 0.00	22.03 -0.07 0.00	22.89 0.03 0.00	26.21 0.27 0.28	38.79 0.60 1.98	27.20 0.24 0.00	38.06 0.23 0.00	33.11 0.11 0.00	37.43 0.06 0.00	30.41 0.00 0.00	29.84 0.11 0.00	29.87 0.18 0.00	29.67 0.38 0.00	39.84 0.67 0.00	30.33 0.58 0.00	26.70 0.51 0.00	31.22 0.40 0.00	28.86 0.17 0.00	23.54 0.08 0.00	23.07 -0.06 0.00
WATSON___69_KV_BK 1 55734	23.15 1.11 0.00	21.16 1.03 0.00	20.93 1.07 0.00	19.39 0.97 0.00	20.35 1.07 0.00	23.42 1.32 0.00	24.48 1.62 0.00	27.67 1.98 0.53	39.32 2.92 3.76	29.32 2.36 0.00	41.20 3.37 0.00	35.56 2.57 0.00	40.37 3.00 0.00	33.11 2.70 0.00	32.56 2.83 0.00	37.81 3.16 -4.96	37.15 3.54 -4.32	44.00 4.83 0.00	33.18 3.43 0.00	29.17 2.99 0.00	33.98 3.17 0.00	31.14 2.45 0.00	25.46 2.01 0.00	25.17 2.03 0.00
WDELAWARE___HYD 323627	22.75 0.72 0.00	20.78 0.66 0.00	20.53 0.67 0.00	19.03 0.61 0.00	19.95 0.67 0.00	22.96 0.86 0.00	23.98 1.12 0.00	27.11 1.46 0.57	38.29 2.16 4.03	28.49 1.52 0.00	39.88 2.05 0.00	34.74 1.74 0.00	39.48 2.11 0.00	32.28 1.87 0.00	31.68 1.96 0.00	31.75 2.06 0.00	31.73 2.44 0.00	42.64 3.47 0.00	32.38 2.63 0.00	28.44 2.25 0.00	33.12 2.31 0.00	30.50 1.81 0.00	24.85 1.40 0.00	24.35 1.22 0.00
WEST BABYLON___IC 23714	23.05 1.02 0.00	21.07 0.95 0.00	20.84 0.98 0.00	19.31 0.89 0.00	20.26 0.98 0.00	23.32 1.22 0.00	24.40 1.54 0.00	27.59 1.90 0.53	39.19 2.79 3.76	29.19 2.23 0.00	41.05 3.22 0.00	35.44 2.44 0.00	40.23 2.86 0.00	32.99 2.58 0.00	32.47 2.74 0.00	37.95 3.01 -5.24	37.31 3.41 -4.61	43.81 4.63 0.00	33.06 3.32 0.00	29.06 2.88 0.00	33.85 3.03 0.00	31.06 2.37 0.00	25.36 1.91 0.00	25.02 1.88 0.00
WEST CANADA___HYD 24049	22.03 0.00 0.00	20.14 0.01 0.00	19.88 0.02 0.00	18.44 0.02 0.00	19.31 0.02 0.00	22.12 0.02 0.00	22.91 0.05 0.00	26.08 0.13 0.28	38.56 0.38 1.98	27.06 0.09 0.00	37.93 0.10 0.00	33.08 0.08 0.00	37.44 0.07 0.00	30.47 0.06 0.00	29.82 0.09 0.00	29.82 0.13 0.00	29.51 0.22 0.00	39.53 0.35 0.00	30.03 0.28 0.00	26.43 0.24 0.00	31.00 0.18 0.00	28.78 0.08 0.00	23.48 0.02 0.00	23.12 -0.01 0.00
WESTERN_NY_WIND 24143	21.36 -0.67 0.00	19.35 -0.78 0.00	19.12 -0.74 0.00	17.73 -0.69 0.00	18.56 -0.72 0.00	21.41 -0.69 0.00	21.89 -0.97 0.00	22.54 -1.53 2.16	22.67 -2.30 15.18	25.71 -1.25 0.00	36.17 -1.66 0.00	31.52 -1.48 0.00	35.59 -1.78 0.00	29.04 -1.37 0.00	28.25 -1.48 0.00	28.24 -1.45 0.00	28.20 -1.08 0.00	37.89 -1.29 0.00	28.59 -1.16 0.00	25.02 -1.17 0.00	29.34 -1.48 0.00	27.94 -0.76 0.00	22.92 -0.54 0.00	22.69 -0.44 0.00
WESTOVER___LESR 323668	21.97 -0.07 0.00	20.03 -0.10 0.00	19.74 -0.11 0.00	18.30 -0.13 0.00	19.17 -0.12 0.00	22.03 -0.07 0.00	22.77 -0.09 0.00	24.41 -0.17 1.65	28.18 -0.40 11.58	26.90 -0.06 0.00	37.79 -0.04 0.00	32.97 -0.03 0.00	37.38 0.01 0.00	30.45 0.04 0.00	29.87 0.15 0.00	29.75 0.06 0.00	29.57 0.28 0.00	39.72 0.54 0.00	30.18 0.43 0.00	26.46 0.27 0.00	30.93 0.12 0.00	28.75 0.06 0.00	23.54 0.08 0.00	23.22 0.09 0.00
WETHRSFD_WT_PWR 323626	20.87 -1.16 0.00	18.54 -1.25 0.34	18.50 -1.29 0.07	17.22 -1.20 0.00	17.92 -1.36 0.00	20.56 -1.54 0.00	20.85 -2.02 0.00	21.23 -2.86 2.13	18.22 -4.39 17.55	24.27 -2.69 0.00	34.18 -3.65 0.00	29.77 -3.22 0.00	33.67 -3.70 0.00	27.65 -2.76 0.00	26.79 -2.94 0.00	26.77 -2.92 0.00	26.65 -2.64 0.00	35.63 -3.55 0.00	26.88 -2.87 0.00	23.68 -2.51 0.00	27.90 -2.92 0.00	26.52 -2.18 0.00	21.89 -1.56 0.00	21.80 -1.33 0.00
WHAVSTOR_138KV_BK127 55557	22.47 0.44 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.84 0.41 0.00	19.75 0.47 0.00	22.70 0.60 0.00	23.72 0.86 0.00	26.86 1.18 0.55	37.98 1.68 3.87	28.17 1.21 0.00	39.48 1.65 0.00	34.43 1.43 0.00	39.11 1.74 0.00	31.94 1.53 0.00	31.37 1.64 0.00	31.42 1.73 0.00	31.39 2.10 0.00	42.16 2.98 0.00	32.01 2.26 0.00	28.12 1.93 0.00	32.71 1.89 0.00	30.12 1.42 0.00	24.54 1.08 0.00	24.05 0.92 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.47 0.44 0.00	20.56 0.43 0.00	20.32 0.46 0.00	18.84 0.41 0.00	19.75 0.47 0.00	22.70 0.60 0.00	23.72 0.86 0.00	26.86 1.18 0.55	37.98 1.68 3.87	28.17 1.21 0.00	39.48 1.65 0.00	34.43 1.43 0.00	39.11 1.74 0.00	31.94 1.53 0.00	31.37 1.64 0.00	31.42 1.73 0.00	31.39 2.10 0.00	42.16 2.98 0.00	32.01 2.26 0.00	28.12 1.93 0.00	32.71 1.89 0.00	30.12 1.42 0.00	24.54 1.08 0.00	24.05 0.92 0.00
WHITEHAL_115KV_TB1 80871	22.77 0.73 0.00	20.79 0.67 0.00	20.58 0.72 0.00	19.16 0.74 0.00	20.13 0.85 0.00	23.53 1.43 0.00	24.76 1.90 0.00	28.31 2.49 0.40	41.10 3.77 2.82	29.59 2.63 0.00	41.32 3.49 0.00	35.70 2.70 0.00	40.26 2.89 0.00	32.40 1.99 0.00	31.55 1.83 0.00	31.69 2.00 0.00	31.51 2.22 0.00	42.35 3.17 0.00	32.17 2.42 0.00	28.27 2.08 0.00	32.26 1.45 0.00	29.74 1.05 0.00	24.23 0.77 0.00	23.59 0.45 0.00

WHITEPLN_13_KV_LOAD 356215	22.74 0.70 0.00	20.80 0.68 0.00	20.54 0.68 0.00	19.04 0.62 0.00	19.96 0.68 0.00	22.93 0.84 0.00	24.00 1.14 0.00	27.22 1.53 0.54	38.62 2.23 3.77	28.58 1.62 0.00	40.03 2.20 0.00	34.89 1.89 0.00	39.65 2.28 0.00	32.38 1.97 0.00	31.80 2.07 0.00	31.89 2.19 0.00	31.87 2.58 0.00	42.81 3.63 0.00	32.47 2.72 0.00	28.53 2.34 0.00	33.18 2.36 0.00	30.54 1.85 0.00	24.86 1.40 0.00	24.35 1.22 0.00
WM_FLOYD_69_KV_BK2 356380	23.12 1.09 0.00	21.14 1.01 0.00	20.89 1.03 0.00	19.36 0.94 0.00	20.32 1.04 0.00	23.39 1.29 0.00	24.22 1.36 0.00	27.30 1.61 0.53	38.83 2.42 3.76	29.14 2.17 0.00	40.74 2.91 0.00	35.13 2.13 0.00	39.91 2.55 0.00	32.77 2.35 0.00	32.15 2.42 0.00	37.33 2.81 -4.83	36.62 3.14 -4.19	43.39 4.22 0.00	32.72 2.97 0.00	28.78 2.59 0.00	33.51 2.69 0.00	30.68 1.99 0.00	25.14 1.68 0.00	25.12 1.99 0.00
WOODARD__115KV_TB2 355635	21.59 -0.44 0.00	19.70 -0.42 0.00	19.43 -0.42 0.00	18.04 -0.39 0.00	18.88 -0.40 0.00	21.66 -0.44 0.00	22.36 -0.50 0.00	23.39 -0.71 2.12	24.08 -1.23 14.85	26.32 -0.65 0.00	37.04 -0.79 0.00	32.29 -0.70 0.00	36.55 -0.82 0.00	29.79 -0.62 0.00	29.14 -0.59 0.00	29.13 -0.57 0.00	28.93 -0.36 0.00	38.77 -0.41 0.00	29.43 -0.32 0.00	25.84 -0.34 0.00	30.27 -0.55 0.00	28.13 -0.56 0.00	23.04 -0.42 0.00	22.79 -0.34 0.00
YORK____WARBASSE 23770	22.59 0.55 0.00	20.68 0.56 0.00	20.43 0.57 0.00	18.93 0.51 0.00	19.84 0.56 0.00	22.78 0.68 0.00	23.86 1.00 0.00	27.05 1.36 0.53	38.25 1.86 3.76	28.36 1.40 0.00	39.71 1.88 0.00	34.66 1.66 0.00	39.38 2.01 0.00	32.18 1.77 0.00	31.60 1.88 0.00	31.73 2.04 0.00	31.66 2.37 0.00	42.57 3.39 0.00	32.33 2.58 0.00	28.43 2.24 0.00	33.03 2.22 0.00	30.39 1.70 0.00	24.73 1.28 0.00	24.22 1.09 0.00