

Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/11/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	23.15	21.78	21.93	21.98	22.84	26.55	35.30	37.43	35.48	30.88	30.24	28.69	26.64	25.29	24.41	24.62	27.15	34.00	36.98	39.43	37.21	30.34	26.66	25.08
24138	1.33	1.31	1.04	0.93	0.86	1.07	2.09	2.52	2.69	1.94	1.84	1.85	1.70	1.61	1.55	1.57	1.78	2.64	2.71	3.09	2.79	1.72	1.48	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.36	21.84	22.00	22.04	22.90	26.60	35.33	37.47	35.39	30.88	30.27	28.72	26.72	25.32	24.45	24.66	27.18	34.03	37.18	39.50	37.24	30.39	26.71	25.13
24260	1.55	1.37	1.11	0.99	0.92	1.12	2.13	2.55	2.59	1.94	1.87	1.88	1.77	1.63	1.60	1.61	1.80	2.67	2.91	3.16	2.82	1.77	1.54	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.36	21.84	22.00	22.04	22.90	26.60	35.33	37.47	35.39	30.88	30.27	28.72	26.72	25.32	24.45	24.66	27.18	34.03	37.18	39.50	37.24	30.39	26.71	25.13
24261	1.55	1.37	1.11	0.99	0.92	1.12	2.13	2.55	2.59	1.94	1.87	1.88	1.77	1.63	1.60	1.61	1.80	2.67	2.91	3.16	2.82	1.77	1.54	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.10	21.68	21.98	22.06	23.06	26.86	35.50	37.50	35.16	30.74	30.10	28.21	26.17	24.89	24.00	24.18	26.75	33.41	36.67	38.96	36.90	30.37	26.45	24.89
24011	1.29	1.21	1.09	1.01	1.08	1.38	2.29	2.58	2.36	1.79	1.70	1.37	1.22	1.21	1.14	1.13	1.37	2.04	2.40	2.62	2.48	1.75	1.28	1.19
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	23.15	21.78	22.06	22.19	23.17	27.01	35.73	37.74	35.42	31.00	30.29	28.40	26.27	25.03	24.11	24.31	26.90	33.59	36.87	39.21	37.14	30.57	26.58	25.03
23798	1.33	1.31	1.17	1.14	1.19	1.53	2.52	2.83	2.62	2.06	1.90	1.56	1.32	1.35	1.26	1.27	1.52	2.23	2.60	2.87	2.72	1.95	1.41	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.10	21.68	21.98	22.06	23.06	26.86	35.50	37.50	35.16	30.74</														

ALBANY___2 23572	22.75 0.94 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.67 1.46 0.00	36.59 1.68 0.00	34.27 1.48 0.00	30.04 1.10 0.00	29.39 0.99 0.00	27.73 0.89 0.00	25.79 0.85 0.00	24.54 0.85 0.00	23.72 0.87 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.92 1.65 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.76 1.14 0.00	26.08 0.91 0.00	24.51 0.81 0.00
ALBANY___3 23573	22.75 0.94 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.67 1.46 0.00	36.59 1.68 0.00	34.27 1.48 0.00	30.04 1.10 0.00	29.39 0.99 0.00	27.73 0.89 0.00	25.79 0.85 0.00	24.54 0.85 0.00	23.72 0.87 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.92 1.65 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.76 1.14 0.00	26.08 0.91 0.00	24.51 0.81 0.00
ALBANY___4 23574	22.75 0.94 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.67 1.46 0.00	36.59 1.68 0.00	34.27 1.48 0.00	30.04 1.10 0.00	29.39 0.99 0.00	27.73 0.89 0.00	25.79 0.85 0.00	24.54 0.85 0.00	23.72 0.87 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.92 1.65 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.76 1.14 0.00	26.08 0.91 0.00	24.51 0.81 0.00
ALBANY___LFGE 323615	22.84 1.03 0.00	21.49 1.02 0.00	21.77 0.88 0.00	21.83 0.78 0.00	22.79 0.81 0.00	26.43 0.94 0.00	34.93 1.73 0.00	36.87 1.95 0.00	34.56 1.77 0.00	30.28 1.33 0.00	29.64 1.25 0.00	27.94 1.10 0.00	25.97 1.02 0.00	24.72 1.04 0.00	23.86 1.00 0.00	24.06 1.01 0.00	26.57 1.19 0.00	33.06 1.69 0.00	36.15 1.88 0.00	38.34 2.00 0.00	36.35 1.93 0.00	29.97 1.35 0.00	26.25 1.08 0.00	24.68 0.97 0.00
ALCOA_PA_115KV_PL-6C 55860	22.07 -0.48 -0.73	20.68 -0.49 -0.70	21.33 -0.27 -0.71	21.58 -0.19 -0.72	22.53 -0.20 -0.74	25.96 -0.36 -0.83	33.46 -0.76 -1.02	35.15 -0.80 -1.04	32.98 -0.82 -1.01	29.46 -0.41 -0.92	29.02 -0.28 -0.91	27.39 -0.32 -0.87	25.49 -0.27 -0.82	24.16 -0.31 -0.79	23.25 -0.37 -0.77	23.39 -0.41 -0.76	25.77 -0.43 -0.82	30.87 -0.72 -0.23	19.50 -0.82 13.95	16.13 -0.98 19.23	34.67 -0.79 -1.04	29.19 -0.34 -0.91	25.77 -0.23 -0.83	24.26 -0.24 -0.79
ALCOA_RYNLDS___DRP 24188	22.07 -0.48 -0.73	20.68 -0.49 -0.70	21.33 -0.27 -0.71	21.58 -0.19 -0.72	22.53 -0.20 -0.74	25.96 -0.36 -0.83	33.46 -0.76 -1.02	35.15 -0.80 -1.04	32.98 -0.82 -1.01	29.46 -0.41 -0.92	29.02 -0.28 -0.91	27.39 -0.32 -0.87	25.49 -0.27 -0.82	24.16 -0.31 -0.79	23.25 -0.37 -0.77	23.39 -0.41 -0.76	25.77 -0.43 -0.82	30.87 -0.72 -0.23	19.50 -0.82 13.95	16.13 -0.98 19.23	34.67 -0.79 -1.04	29.19 -0.34 -0.91	25.77 -0.23 -0.83	24.26 -0.24 -0.79
ALCOA___DSASP 323711	22.02 -0.52 -0.73	20.68 -0.49 -0.70	21.33 -0.27 -0.71	21.58 -0.19 -0.72	22.53 -0.20 -0.74	25.96 -0.36 -0.83	33.46 -0.76 -1.02	35.16 -0.80 -1.04	33.01 -0.79 -1.01	29.46 -0.41 -0.92	29.02 -0.28 -0.91	27.39 -0.32 -0.87	25.49 -0.27 -0.82	24.16 -0.31 -0.79	23.25 -0.37 -0.77	23.37 -0.44 -0.76	25.77 -0.43 -0.82	30.87 -0.72 -0.23	19.50 -0.82 13.95	16.13 -0.98 19.23	34.67 -0.79 -1.04	29.19 -0.34 -0.91	25.77 -0.23 -0.83	24.26 -0.24 -0.79
ALLEGHENY___COGEN 23514	22.21 0.39 0.00	20.61 0.14 0.00	20.95 0.06 0.00	21.16 0.11 0.00	22.26 0.28 0.00	25.91 0.43 0.00	33.83 0.63 0.00	34.92 0.00 0.00	32.24 -0.56 0.00	28.02 -0.93 0.00	27.17 -1.22 0.00	25.74 -1.10 0.00	23.95 -1.00 0.00	22.67 -1.02 0.00	21.89 -0.96 0.00	22.10 -0.95 0.00	24.23 -1.14 0.00	30.02 -1.35 0.00	33.55 -0.72 0.00	36.31 -0.04 0.00	34.56 0.14 0.00	28.53 -0.09 0.00	24.94 -0.23 0.00	23.66 -0.05 0.00
ALTAMONT_115KV_TB 2 55880	22.58 0.76 0.00	21.18 0.72 0.00	21.47 0.58 0.00	21.56 0.51 0.00	22.49 0.51 0.00	26.07 0.59 0.00	34.33 1.13 0.00	36.21 1.29 0.00	33.94 1.15 0.00	29.76 0.81 0.00	29.13 0.74 0.00	27.51 0.67 0.00	25.59 0.65 0.00	24.30 0.62 0.00	23.49 0.64 0.00	23.69 0.65 0.00	26.11 0.74 0.00	32.50 1.13 0.00	35.54 1.27 0.00	37.69 1.34 0.00	35.73 1.31 0.00	29.48 0.86 0.00	25.85 0.68 0.00	24.32 0.62 0.00
ALTONA_WT_PWR 323606	-7.03 -1.53 27.32	-7.03 -1.41 26.09	-7.03 -1.23 26.69	-7.03 -1.16 26.93	-7.01 -1.21 27.78	-7.03 -1.45 31.06	-7.04 -2.13 38.12	-7.04 -2.27 39.69	-7.04 -1.93 37.90	-7.01 -1.45 34.50	-7.03 -1.45 33.98	-7.04 -1.42 32.45	-7.03 -1.32 30.66	-7.03 -1.28 29.44	-7.03 -1.28 28.61	-7.01 -1.29 28.77	-7.04 -1.37 31.04	-7.10 -1.88 36.58	-7.06 -2.09 39.24	-7.00 -2.29 41.06	-7.00 -2.17 39.26	-7.01 -1.49 34.14	-7.01 -1.26 30.92	-7.03 -1.26 29.48
AMERICAN_REF_FUEL 24010	20.11 -1.70 0.00	18.32 -2.15 0.00	18.65 -2.23 0.00	18.84 -2.21 0.00	19.83 -2.15 0.00	22.78 -2.70 0.00	29.35 -3.85 0.00	29.94 -4.96 0.02	28.04 -4.76 0.00	25.10 -3.85 0.00	24.53 -3.86 0.00	23.43 -3.41 0.00	21.95 -2.99 0.00	20.89 -2.79 0.00	20.18 -2.67 0.00	20.28 -2.77 0.00	21.75 -3.63 0.00	26.44 -4.92 0.00	28.94 -5.31 0.02	30.93 -5.42 0.00	29.39 -5.03 0.00	24.59 -4.03 0.00	21.85 -3.32 0.00	21.24 -2.47 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.42 -1.40 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.22 -1.83 0.00	20.09 -1.89 0.00	23.21 -2.27 0.00	30.48 -2.72 0.00	30.50 -4.40 0.01	28.96 -3.84 0.00	25.73 -3.21 0.00	25.07 -3.32 0.00	23.97 -2.87 0.00	22.35 -2.59 0.00	21.27 -2.42 0.00	20.50 -2.35 0.00	20.65 -2.40 0.00	22.15 -3.22 0.00	27.07 -4.30 0.00	29.43 -4.83 0.01	31.94 -4.40 0.00	30.50 -3.92 0.00	25.47 -3.15 0.00	22.60 -2.57 0.00	22.00 -1.71 0.00
ARTHUR KILL_GT_1 23520	23.44 1.61 -0.01	22.01 1.54 -0.01	22.19 1.30 -0.01	22.24 1.18 -0.01	23.06 1.08 0.00	26.58 1.09 0.00	34.86 1.66 0.01	36.13 2.09 0.88	35.18 2.39 0.01	30.62 1.68 0.00	30.01 1.62 0.00	28.51 1.66 0.00	26.52 1.57 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.10 1.73 0.00	33.81 2.45 0.01	36.80 2.54 0.01	39.28 2.94 0.01	37.03 2.61 0.01	30.39 1.78 0.00	27.03 1.86 0.00	25.42 1.71 -0.01
ARTHUR_KILL_2 23512	23.37 1.55 -0.01	21.95 1.47 -0.01	22.13 1.23 -0.01	22.17 1.11 -0.01	22.99 1.01 0.00	26.53 1.05 0.00	34.76 1.56 0.01	36.06 2.02 0.88	35.08 2.29 0.01	30.56 1.62 0.00	29.92 1.53 0.00	28.45 1.61 0.00	26.44 1.50 0.00	25.13 1.44 0.00	24.25 1.39 0.00	24.48 1.43 0.00	27.02 1.65 0.00	33.72 2.35 0.00	36.70 2.43 0.01	39.17 2.84 0.01	36.89 2.48 0.01	30.31 1.69 0.00	26.96 1.79 0.00	25.37 1.66 -0.01
ARTHUR_KILL_3 23513	22.93 1.11 0.00	21.59 1.12 0.00	21.75 0.86 0.00	21.77 0.72 0.00	22.64 0.66 0.00	26.30 0.82 0.00	34.90 1.69 0.00	36.14 2.09 0.87	35.12 2.33 0.00	30.59 1.65 0.00	29.95 1.56 0.00	28.42 1.58 0.00	26.42 1.47 0.00	25.08 1.40 0.00	24.20 1.35 0.00	24.41 1.36 0.00	26.92 1.55 0.00	33.69 2.32 0.00	36.60 2.33 0.00	39.03 2.69 0.00	36.79 2.37 0.00	30.08 1.46 0.00	26.43 1.26 0.00	24.86 1.16 0.00

ARTHUR_KILL_COGEN 323718	23.44 1.61 -0.01	22.01 1.54 -0.01	22.19 1.30 -0.01	22.24 1.18 -0.01	23.06 1.08 0.00	26.58 1.09 0.00	34.86 1.66 0.01	36.13 2.09 0.88	35.18 2.39 0.01	30.62 1.68 0.00	30.01 1.62 0.00	28.51 1.66 0.00	26.52 1.57 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.10 1.73 0.00	33.81 2.45 0.00	36.80 2.54 0.01	39.28 2.94 0.01	37.03 2.61 0.01	30.39 1.78 0.00	27.03 1.86 0.00	25.42 1.71 -0.01
ASHOKAN____ 23654	23.12 1.31 0.00	21.72 1.25 0.00	21.97 1.09 0.00	22.04 0.99 0.00	23.01 1.03 0.00	26.73 1.25 0.00	35.20 1.99 0.00	37.15 2.24 0.00	34.27 1.48 0.00	29.70 0.75 0.00	29.13 0.74 0.00	27.41 0.56 0.00	25.39 0.45 0.00	24.11 0.43 0.00	23.29 0.43 0.00	23.51 0.46 0.00	26.06 0.69 0.00	32.75 1.38 0.00	35.98 1.71 0.00	38.45 2.11 0.00	36.45 2.03 0.00	29.91 1.29 0.00	26.20 1.03 0.00	24.77 1.07 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.22 1.40 -0.01	21.87 1.39 -0.01	22.07 1.17 -0.01	22.11 1.05 -0.01	22.92 0.94 0.00	26.37 0.89 0.00	34.83 1.63 0.00	37.00 2.09 0.01	35.18 2.39 0.01	30.59 1.65 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.43 1.50 0.01	25.10 1.42 0.01	24.22 1.37 0.01	24.42 1.38 0.01	26.97 1.60 0.01	33.71 2.35 0.01	36.70 2.43 0.01	39.13 2.80 0.01	36.86 2.44 0.01	30.04 1.43 0.01	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.22 1.40 -0.01	21.87 1.39 -0.01	22.07 1.17 -0.01	22.11 1.05 -0.01	22.92 0.94 0.00	26.37 0.89 0.00	34.83 1.63 0.00	37.00 2.09 0.01	35.18 2.39 0.01	30.59 1.65 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.43 1.50 0.01	25.10 1.42 0.01	24.22 1.37 0.01	24.42 1.38 0.01	26.97 1.60 0.01	33.71 2.35 0.01	36.66 2.40 0.01	39.13 2.80 0.01	36.86 2.44 0.01	30.04 1.43 0.01	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT2_1 24094	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT2_2 24095	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT2_3 24096	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT2_4 24097	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT3_1 24098	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT3_2 24099	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT3_3 24100	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT3_4 24101	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT4_1 24102	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT4_2 24103	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT4_3 24104	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00

ASTORIA_GT4_4 24105	23.39 1.57 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.97 0.99 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.05 2.13 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.48 1.64 0.00	26.49 1.55 0.00	25.13 1.44 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.95 1.57 0.00	33.72 2.35 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.08 1.46 0.00	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA_GT_1 23523	23.26 1.44 -0.01	21.91 1.43 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.97 0.99 0.00	26.43 0.94 0.00	34.90 1.69 0.00	37.07 2.17 0.01	35.25 2.46 0.01	30.67 1.74 0.01	30.00 1.62 0.01	28.50 1.66 0.01	26.48 1.55 0.01	25.17 1.49 0.01	24.26 1.42 0.01	24.49 1.45 0.01	27.02 1.65 0.01	33.77 2.42 0.01	36.76 2.50 0.01	39.20 2.87 0.01	36.92 2.51 0.01	30.10 1.49 0.01	26.58 1.41 0.00	25.13 1.42 0.00
ASTORIA_GT_10 24110	23.37 1.55 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.90 0.92 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
ASTORIA_GT_11 24225	23.37 1.55 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.90 0.92 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
ASTORIA_GT_12 24226	23.37 1.55 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.90 0.92 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
ASTORIA_GT_13 24227	23.37 1.55 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.90 0.92 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
ASTORIA_GT_5 24106	23.42 1.59 -0.01	21.91 1.43 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.42 0.94 0.00	34.90 1.69 0.00	37.12 2.20 0.00	35.09 2.30 0.00	30.65 1.71 0.00	30.01 1.62 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.18 1.49 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.00 1.62 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.21 2.87 0.00	36.93 2.51 0.00	30.11 1.49 0.00	26.58 1.41 0.00	25.13 1.42 0.00
ASTORIA_GT_7 24107	23.42 1.59 -0.01	21.91 1.43 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.42 0.94 0.00	34.90 1.69 0.00	37.12 2.20 0.00	35.09 2.30 0.00	30.65 1.71 0.00	30.01 1.62 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.18 1.49 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.00 1.62 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.21 2.87 0.00	36.93 2.51 0.00	30.11 1.49 0.00	26.58 1.41 0.00	25.13 1.42 0.00
ASTORIA_GT_8 24108	23.42 1.59 -0.01	21.91 1.43 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.42 0.94 0.00	34.90 1.69 0.00	37.12 2.20 0.00	35.09 2.30 0.00	30.65 1.71 0.00	30.01 1.62 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.18 1.49 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.00 1.62 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.21 2.87 0.00	36.93 2.51 0.00	30.11 1.49 0.00	26.58 1.41 0.00	25.13 1.42 0.00
ASTORIA___2 24149	23.22 1.40 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.95 0.97 0.00	26.37 0.89 0.00	34.87 1.66 0.00	37.04 2.13 0.01	35.18 2.39 0.01	30.62 1.68 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.46 1.52 0.01	25.12 1.44 0.01	24.24 1.39 0.01	24.45 1.41 0.01	26.97 1.60 0.01	33.71 2.35 0.01	36.70 2.43 0.01	39.13 2.80 0.01	36.89 2.48 0.01	30.07 1.46 0.01	26.53 1.36 0.00	25.08 1.37 0.00
ASTORIA___3 23516	23.20 1.38 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.47 0.99 0.00	35.06 1.86 0.00	37.22 2.30 0.00	35.32 2.53 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.84 2.57 0.00	39.28 2.94 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
ASTORIA___4 23517	23.37 1.55 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.90 0.92 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
ASTORIA___5 23518	23.20 1.38 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.47 0.99 0.00	35.06 1.86 0.00	37.22 2.30 0.00	35.32 2.53 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.84 2.57 0.00	39.28 2.94 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
AST_ENERGY_2_CC3 323677	23.04 1.22 0.00	21.68 1.21 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.40 0.92 0.00	35.06 1.86 0.00	37.15 2.24 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.49 1.55 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.00 1.63 0.00	33.82 2.45 0.00	36.74 2.47 0.00	39.14 2.80 0.00	36.93 2.51 0.00	30.16 1.54 0.00	26.50 1.33 0.00	24.94 1.23 0.00
AST_ENERGY_2_CC4 323678	23.04 1.22 0.00	21.68 1.21 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.40 0.92 0.00	35.06 1.86 0.00	37.15 2.24 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.49 1.55 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.00 1.63 0.00	33.82 2.45 0.00	36.74 2.47 0.00	39.14 2.80 0.00	36.93 2.51 0.00	30.16 1.54 0.00	26.50 1.33 0.00	24.94 1.23 0.00

ATHENS_STG_1 23668	22.53 0.72 0.00	21.20 0.74 0.00	21.45 0.56 0.00	21.51 0.46 0.00	22.42 0.44 0.00	26.02 0.54 0.00	34.34 1.13 0.00	36.28 1.36 0.00	34.11 1.31 0.00	29.84 0.90 0.00	29.19 0.79 0.00	27.62 0.78 0.00	25.67 0.72 0.00	24.37 0.69 0.00	23.54 0.68 0.00	23.76 0.72 0.00	26.21 0.84 0.00	32.65 1.29 0.00	35.64 1.37 0.00	37.87 1.53 0.00	35.83 1.41 0.00	29.51 0.89 0.00	25.87 0.70 0.00	24.32 0.62 0.00
ATHENS_STG_2 23670	22.53 0.72 0.00	21.20 0.74 0.00	21.45 0.56 0.00	21.51 0.46 0.00	22.42 0.44 0.00	26.02 0.54 0.00	34.34 1.13 0.00	36.28 1.36 0.00	34.11 1.31 0.00	29.84 0.90 0.00	29.19 0.79 0.00	27.62 0.78 0.00	25.67 0.72 0.00	24.37 0.69 0.00	23.54 0.68 0.00	23.76 0.72 0.00	26.21 0.84 0.00	32.65 1.29 0.00	35.64 1.37 0.00	37.87 1.53 0.00	35.83 1.41 0.00	29.51 0.89 0.00	25.87 0.70 0.00	24.32 0.62 0.00
ATHENS_STG_3 23677	22.53 0.72 0.00	21.20 0.74 0.00	21.45 0.56 0.00	21.51 0.46 0.00	22.42 0.44 0.00	26.02 0.54 0.00	34.34 1.13 0.00	36.28 1.36 0.00	34.11 1.31 0.00	29.84 0.90 0.00	29.19 0.79 0.00	27.62 0.78 0.00	25.67 0.72 0.00	24.37 0.69 0.00	23.54 0.68 0.00	23.76 0.72 0.00	26.21 0.84 0.00	32.65 1.29 0.00	35.64 1.37 0.00	37.87 1.53 0.00	35.83 1.41 0.00	29.51 0.89 0.00	25.87 0.70 0.00	24.32 0.62 0.00
AUBURN___LFGE 323710	21.88 0.07 0.00	20.59 0.12 0.00	20.93 0.04 0.00	21.09 0.04 0.00	22.07 0.09 0.00	25.63 0.15 0.00	33.50 0.30 0.00	35.11 0.17 -0.02	33.19 0.39 0.00	29.23 0.29 0.00	28.33 -0.06 0.00	26.81 -0.03 0.00	24.87 -0.07 0.00	23.64 -0.05 0.00	22.76 -0.09 0.00	22.95 -0.09 0.00	25.25 -0.13 0.00	31.18 -0.19 0.00	34.22 -0.07 -0.02	36.45 0.11 0.00	34.56 0.14 0.00	28.59 -0.03 0.00	25.07 -0.10 0.00	23.68 -0.02 0.00
BABYLON_RES_REC 323704	23.45 1.64 0.00	22.02 1.55 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.88 1.40 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.75 2.95 0.00	31.26 2.32 0.00	30.57 2.13 -0.05	29.05 2.01 -0.19	26.74 1.80 0.00	25.34 1.66 0.00	24.52 1.67 0.00	24.80 1.75 0.00	27.52 2.13 -0.01	34.38 3.01 0.00	38.72 3.29 -1.16	42.20 3.71 -2.15	38.84 3.41 -1.01	34.18 2.29 -3.27	29.40 1.94 -2.29	26.00 1.78 -0.52
BABYLON__69_KV_BK2 356345	23.87 2.05 0.00	22.21 1.74 0.00	22.35 1.46 0.00	22.38 1.33 0.00	23.36 1.38 0.00	27.11 1.63 0.00	35.83 2.62 0.00	38.06 3.14 0.00	35.94 3.15 0.00	31.46 2.52 0.00	30.90 2.47 -0.04	29.33 2.31 -0.18	27.04 2.10 0.00	25.53 1.85 0.00	24.73 1.87 0.00	25.05 2.01 0.00	27.73 2.36 0.00	34.72 3.36 0.00	39.19 3.77 -1.15	42.59 4.11 -2.14	39.21 3.79 -1.00	34.48 2.60 -3.26	29.65 2.22 -2.27	26.19 2.01 -0.47
BALL_HILL_WT_PWR 323825	20.81 -1.00 0.00	19.02 -1.45 0.00	19.37 -1.52 0.00	19.58 -1.47 0.00	20.55 -1.43 0.00	23.72 -1.76 0.00	30.85 -2.36 0.00	31.13 -3.77 0.01	29.48 -3.31 0.00	26.25 -2.69 0.00	25.64 -2.75 0.00	24.45 -2.39 0.00	22.82 -2.12 0.00	21.69 -1.99 0.00	20.93 -1.92 0.00	21.09 -1.96 0.00	22.63 -2.74 0.00	27.60 -3.76 0.00	29.97 -4.29 0.01	32.42 -3.93 0.00	30.84 -3.58 0.00	25.73 -2.89 0.00	22.86 -2.32 0.00	22.19 -1.52 0.00
BARON_WINDS___WT_PWR 323822	21.95 0.13 0.00	20.45 -0.02 0.00	20.79 -0.10 0.00	20.88 -0.17 0.00	21.94 -0.04 0.00	25.51 0.03 0.00	33.34 0.13 0.00	34.34 -0.59 -0.02	32.21 -0.59 0.00	28.25 -0.69 0.00	27.65 -0.74 0.00	26.20 -0.64 0.00	24.30 -0.65 0.00	23.02 -0.66 0.00	22.21 -0.64 0.00	22.40 -0.65 0.00	24.49 -0.89 0.00	30.27 -1.10 0.00	33.16 -1.13 -0.02	35.69 -0.65 0.00	33.87 -0.55 0.00	28.05 -0.57 0.00	24.64 -0.53 0.00	23.44 -0.26 0.00
BARRETT_IC_1 23704	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_10 23701	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_11 23702	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_12 23703	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_2 23705	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_3 23706	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_4 23707	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56

BARRETT_IC_5 23708	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_6 23709	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_7 23710	23.52 1.70 0.00	21.94 1.47 0.00	22.10 1.21 0.00	22.15 1.09 0.00	23.08 1.10 0.00	26.78 1.30 0.00	35.33 2.13 0.00	37.50 2.58 0.00	35.39 2.59 0.00	31.03 2.08 0.00	30.80 1.93 -0.48	30.81 1.88 -2.09	26.77 1.82 0.00	25.34 1.66 0.00	24.48 1.62 0.00	24.75 1.71 0.00	27.33 1.95 0.00	34.10 2.73 0.00	38.44 3.02 -1.15	41.79 3.31 -2.14	38.45 3.03 -1.00	33.89 1.95 -3.33	30.77 1.66 -3.94	30.78 1.52 -5.56
BARRETT_IC_8 23711	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT_IC_9 23700	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT___1 23545	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BARRETT___2 23546	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.06 1.08 -0.01	26.79 1.30 -0.01	35.33 2.13 0.00	37.50 2.58 0.00	35.48 2.69 0.00	31.09 2.14 0.00	30.78 1.90 -0.49	30.78 1.85 -2.09	26.72 1.77 -0.01	25.34 1.66 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.37 1.98 -0.02	34.09 2.73 0.00	38.34 2.91 -1.16	41.80 3.31 -2.15	38.46 3.03 -1.01	33.90 1.95 -3.33	30.78 1.66 -3.95	30.78 1.52 -5.56
BATAVIA__115KV_TB1 55881	20.13 -1.68 0.00	19.12 -1.35 0.00	19.45 -1.44 0.00	19.66 -1.39 0.00	20.62 -1.36 0.00	23.90 -1.58 0.00	30.95 -2.26 0.00	31.65 -3.25 0.02	30.14 -2.66 0.00	26.48 -2.46 0.00	25.81 -2.58 0.00	24.56 -2.28 0.00	22.72 -2.22 0.00	21.79 -1.89 0.00	20.87 -1.99 0.00	21.09 -1.96 0.00	22.84 -2.54 0.00	27.89 -3.48 0.00	30.62 -3.63 0.02	32.93 -3.42 0.00	31.29 -3.13 0.00	26.02 -2.60 0.00	22.98 -2.19 0.00	22.16 -1.54 0.00
BAYONEEC___CTG1 323682	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG10 323750	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG2 323683	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG3 323684	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG4 323685	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG5 323686	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG6 323687	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00

BAYONEEC___CTG7 323688	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG8 323689	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BAYONEEC___CTG9 323749	23.04 1.22 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.10 1.89 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.82 2.45 0.00	36.77 2.50 0.00	39.21 2.87 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BEACON___LESR 323632	22.93 1.11 0.00	21.57 1.10 0.00	21.83 0.94 0.00	21.94 0.88 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.10 1.89 0.00	37.05 2.13 0.00	34.70 1.90 0.00	30.39 1.45 0.00	29.75 1.36 0.00	28.05 1.21 0.00	26.07 1.12 0.00	24.84 1.16 0.00	23.95 1.10 0.00	24.18 1.13 0.00	26.69 1.32 0.00	33.25 1.88 0.00	36.33 2.06 0.00	38.52 2.18 0.00	36.52 2.10 0.00	30.11 1.49 0.00	26.35 1.18 0.00	24.77 1.07 0.00
BEAVER RIVER___HYD 24048	23.01 -0.42 -1.61	21.53 -0.47 -1.54	22.00 -0.46 -1.57	22.19 -0.44 -1.59	23.20 -0.42 -1.64	26.85 -0.46 -1.83	35.05 -0.40 -2.24	36.97 -0.28 -2.33	34.50 -0.53 -2.23	30.28 -0.69 -2.03	29.65 -0.74 -2.00	28.03 -0.72 -1.91	25.78 -0.97 -1.81	24.44 -0.97 -1.73	23.56 -0.98 -1.68	23.75 -0.99 -1.69	26.24 -0.96 -1.83	32.26 -1.00 -1.90	30.76 -0.75 2.76	31.42 -0.47 4.45	36.32 -0.41 -2.31	30.52 -0.11 -2.01	26.74 -0.25 -1.82	25.13 -0.31 -1.74
BEEBEE_GT_13 23619	20.57 -1.24 0.00	19.44 -1.02 0.00	19.78 -1.11 0.00	19.98 -1.07 0.00	20.95 -1.03 0.00	24.31 -1.17 0.00	31.51 -1.69 0.00	32.73 -2.16 0.02	30.99 -1.80 0.00	27.30 -1.65 0.00	26.60 -1.79 0.00	25.28 -1.56 0.00	23.45 -1.50 0.00	22.40 -1.28 0.00	21.48 -1.37 0.00	21.71 -1.34 0.00	23.65 -1.73 0.00	28.98 -2.38 0.00	31.85 -2.40 0.02	33.98 -2.36 0.00	32.22 -2.20 0.00	26.76 -1.86 0.00	23.56 -1.61 0.00	22.47 -1.23 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.59 1.77 -0.01	22.03 1.56 -0.01	22.19 1.30 -0.01	22.22 1.16 -0.01	23.08 1.10 0.00	26.65 1.17 0.00	35.23 2.03 0.00	37.43 2.51 0.00	35.42 2.62 0.00	30.91 1.97 0.00	30.29 1.90 0.00	28.77 1.93 0.00	26.79 1.85 0.00	25.41 1.73 0.00	24.52 1.67 0.00	24.73 1.68 0.00	27.25 1.88 0.00	34.16 2.79 0.00	37.32 3.05 0.00	39.69 3.34 0.00	37.38 2.96 0.00	30.51 1.89 0.00	26.93 1.76 0.00	25.37 1.66 -0.01
BETHLEHEM___GRP 23843	22.75 0.94 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.67 1.46 0.00	36.59 1.68 0.00	34.27 1.48 0.00	30.04 1.10 0.00	29.39 0.99 0.00	27.73 0.89 0.00	25.79 0.85 0.00	24.54 0.85 0.00	23.72 0.87 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.92 1.65 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.76 1.14 0.00	26.08 0.91 0.00	24.51 0.81 0.00
BETHLEHEM___GS1 323560	22.69 0.87 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.66 1.46 0.00	36.59 1.68 0.00	34.30 1.51 0.00	30.04 1.10 0.00	29.38 0.99 0.00	27.75 0.91 0.00	25.77 0.82 0.00	24.53 0.85 0.00	23.70 0.85 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.88 1.61 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.77 1.15 0.00	26.08 0.90 0.00	24.51 0.81 0.00
BETHLEHEM___GS2 323561	22.69 0.87 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.66 1.46 0.00	36.59 1.68 0.00	34.30 1.51 0.00	30.04 1.10 0.00	29.38 0.99 0.00	27.75 0.91 0.00	25.77 0.82 0.00	24.53 0.85 0.00	23.70 0.85 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.88 1.61 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.77 1.15 0.00	26.08 0.90 0.00	24.51 0.81 0.00
BETHLEHEM___GS3 323562	22.69 0.87 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.66 1.46 0.00	36.59 1.68 0.00	34.30 1.51 0.00	30.04 1.10 0.00	29.38 0.99 0.00	27.75 0.91 0.00	25.77 0.82 0.00	24.53 0.85 0.00	23.70 0.85 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.88 1.61 0.00	38.05 1.71 0.00	36.07 1.65 0.00	29.77 1.15 0.00	26.08 0.90 0.00	24.51 0.81 0.00
BETHLEHEM___STEEL 23779	20.07 -1.75 0.00	19.01 -1.45 0.00	19.34 -1.55 0.00	19.54 -1.52 0.00	20.49 -1.49 0.00	23.67 -1.81 0.00	30.68 -2.52 0.00	30.89 -4.02 0.02	29.75 -3.05 0.00	26.22 -2.72 0.00	25.55 -2.84 0.00	24.40 -2.44 0.00	22.55 -2.39 0.00	21.65 -2.04 0.00	20.73 -2.13 0.00	20.97 -2.07 0.00	22.61 -2.77 0.00	27.51 -3.86 0.00	29.73 -4.52 0.02	32.20 -4.14 0.00	30.63 -3.79 0.00	25.59 -3.03 0.00	22.75 -2.42 0.00	22.12 -1.59 0.00
BETHLHEM_115KV_TB1 79974	22.71 0.89 0.00	21.31 0.84 0.00	21.58 0.69 0.00	21.66 0.61 0.00	22.62 0.64 0.00	26.20 0.71 0.00	34.70 1.49 0.00	36.66 1.75 0.00	34.34 1.54 0.00	30.07 1.13 0.00	29.41 1.02 0.00	27.75 0.91 0.00	25.82 0.87 0.00	24.56 0.88 0.00	23.72 0.87 0.00	23.92 0.88 0.00	26.39 1.01 0.00	32.84 1.47 0.00	35.95 1.68 0.00	38.09 1.74 0.00	36.11 1.69 0.00	29.79 1.17 0.00	26.10 0.93 0.00	24.53 0.83 0.00
BETHPAGE_CC_5 323564	23.45 1.64 0.00	22.02 1.55 0.00	22.19 1.30 0.00	22.23 1.18 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.50 2.29 0.00	37.71 2.79 0.00	35.71 2.92 0.00	31.23 2.29 0.00	30.62 2.16 -0.07	29.14 2.04 -0.26	26.79 1.85 0.00	25.37 1.68 0.00	24.52 1.67 0.00	24.78 1.73 0.00	27.46 2.08 -0.01	34.28 2.92 0.00	38.58 3.15 -1.16	42.06 3.56 -2.15	38.70 3.27 -1.01	34.09 2.20 -3.27	29.35 1.84 -2.35	26.10 1.71 -0.69
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.16 -1.66 0.00	19.08 -1.39 0.00	19.43 -1.46 0.00	19.62 -1.43 0.00	20.55 -1.43 0.00	23.77 -1.71 0.00	30.85 -2.36 0.00	30.96 -3.95 0.01	29.84 -2.95 0.00	26.31 -2.63 0.00	25.64 -2.75 0.00	24.48 -2.36 0.00	22.62 -2.32 0.00	21.72 -1.97 0.00	20.80 -2.06 0.00	21.04 -2.01 0.00	22.69 -2.69 0.00	27.60 -3.76 0.00	29.77 -4.49 0.01	32.34 -4.00 0.00	30.77 -3.65 0.00	25.70 -2.92 0.00	22.85 -2.32 0.00	22.23 -1.47 0.00

BINGHAMTON___COGEN 23790	22.05 0.24 0.00	20.69 0.23 0.00	21.04 0.15 0.00	21.16 0.11 0.00	22.16 0.18 0.00	25.71 0.23 0.00	33.70 0.50 0.00	35.38 0.45 -0.01	33.25 0.46 0.00	29.18 0.23 0.00	28.56 0.17 0.00	27.00 0.16 0.00	25.07 0.12 0.00	23.80 0.12 0.00	22.94 0.09 0.00	23.14 0.09 0.00	25.43 0.05 0.00	31.46 0.09 0.00	34.41 0.14 -0.01	36.78 0.44 0.00	34.83 0.41 0.00	28.82 0.20 0.00	25.32 0.15 0.00	23.94 0.24 0.00
BIXINCNT_115KV_LOAD 355685	19.76 -2.05 0.00	18.67 -1.80 0.00	19.05 -1.84 0.00	19.20 -1.85 0.00	20.11 -1.87 0.00	23.29 -2.19 0.00	30.35 -2.86 0.00	30.19 -4.71 0.01	29.32 -3.48 0.00	25.76 -3.18 0.00	25.04 -3.35 0.00	23.89 -2.95 0.00	22.13 -2.82 0.00	21.22 -2.46 0.00	20.32 -2.54 0.00	20.56 -2.49 0.00	22.20 -3.17 0.00	27.16 -4.20 0.00	29.12 -5.14 0.01	31.91 -4.43 0.00	30.50 -3.92 0.00	25.50 -3.12 0.00	22.93 -2.24 0.00	22.28 -1.42 0.00
BLACK RIVER___HYD 24047	22.66 -0.28 -1.13	21.16 -0.39 -1.08	21.59 -0.40 -1.10	21.76 -0.40 -1.11	22.80 -0.33 -1.15	26.43 -0.33 -1.28	34.58 -0.20 -1.57	36.52 -0.03 -1.63	33.97 -0.39 -1.56	29.65 -0.72 -1.42	29.00 -0.79 -1.40	27.40 -0.78 -1.34	25.26 -0.95 -1.27	23.93 -0.97 -1.22	23.03 -1.01 -1.18	23.22 -1.01 -1.19	25.66 -0.99 -1.28	31.76 -0.94 -1.33	31.83 -0.55 1.89	33.20 -0.07 3.07	36.00 -0.03 -1.62	30.06 0.03 -1.41	26.30 -0.15 -1.28	24.71 -0.21 -1.22
BLACKRVR_115KV_TB2 79977	22.62 -0.33 -1.13	21.16 -0.39 -1.08	21.59 -0.40 -1.10	21.76 -0.40 -1.11	22.80 -0.33 -1.15	26.43 -0.33 -1.28	34.58 -0.20 -1.57	36.52 -0.03 -1.63	34.00 -0.36 -1.56	29.65 -0.72 -1.42	29.00 -0.79 -1.40	27.40 -0.78 -1.34	25.24 -0.97 -1.27	23.93 -0.97 -1.22	23.03 -1.01 -1.18	23.22 -1.01 -1.19	25.66 -0.99 -1.28	31.76 -0.94 -1.33	31.83 -0.55 1.89	33.20 -0.07 3.07	36.00 -0.03 -1.62	30.06 0.03 -1.41	26.30 -0.15 -1.28	24.71 -0.21 -1.22
BLISS_WT_PWR 323608	20.11 -1.70 0.00	18.42 -2.05 0.00	18.84 -2.05 0.00	18.95 -2.10 0.00	19.91 -2.07 0.00	23.01 -2.47 0.00	29.99 -3.22 0.00	29.81 -5.10 0.01	28.63 -4.17 0.00	25.44 -3.50 0.00	24.76 -3.63 0.00	23.59 -3.25 0.00	22.03 -2.92 0.00	20.98 -2.70 0.00	20.20 -2.65 0.00	20.37 -2.67 0.00	21.90 -3.48 0.00	26.88 -4.49 0.00	28.88 -5.38 0.01	31.58 -4.76 0.00	30.22 -4.20 0.00	25.33 -3.29 0.00	22.80 -2.37 0.00	22.19 -1.52 0.00
BLUESTONE___WT_PWR 323821	23.39 1.57 0.00	21.78 1.31 0.00	22.14 1.25 0.00	22.27 1.22 0.00	23.37 1.39 0.00	27.22 1.73 0.00	35.96 2.75 0.00	37.92 3.00 0.00	35.45 2.66 0.00	30.94 2.00 0.00	30.24 1.84 0.00	28.56 1.72 0.00	26.47 1.52 0.00	25.06 1.37 0.00	24.09 1.23 0.00	24.27 1.22 0.00	26.67 1.29 0.00	33.15 1.79 0.00	36.54 2.26 0.00	39.21 2.87 0.00	37.11 2.69 0.00	30.59 1.97 0.00	26.76 1.59 0.00	25.24 1.54 0.00
BLUE_CIRC_CHEM_DRP 24182	22.75 0.94 0.00	21.37 0.90 0.00	21.66 0.77 0.00	21.77 0.72 0.00	22.71 0.73 0.00	26.32 0.84 0.00	34.63 1.43 0.00	36.52 1.61 0.00	34.21 1.41 0.00	29.99 1.04 0.00	29.33 0.94 0.00	27.65 0.81 0.00	25.72 0.77 0.00	24.44 0.76 0.00	23.61 0.75 0.00	23.81 0.76 0.00	26.24 0.86 0.00	32.62 1.25 0.00	35.71 1.44 0.00	37.83 1.49 0.00	35.87 1.45 0.00	29.62 1.00 0.00	25.98 0.81 0.00	24.46 0.76 0.00
BOC_GAS_DRP 24189	22.53 0.72 0.00	21.14 0.68 0.00	21.41 0.52 0.00	21.51 0.46 0.00	22.44 0.46 0.00	26.02 0.54 0.00	34.23 1.03 0.00	36.10 1.19 0.00	33.88 1.08 0.00	29.70 0.75 0.00	29.07 0.68 0.00	27.46 0.62 0.00	25.54 0.60 0.00	24.28 0.59 0.00	23.45 0.59 0.00	23.65 0.60 0.00	26.06 0.69 0.00	32.43 1.07 0.00	35.44 1.17 0.00	37.58 1.24 0.00	35.63 1.20 0.00	29.39 0.77 0.00	25.77 0.60 0.00	24.25 0.55 0.00
BOONVILLE_115KV_TB1 79983	22.80 0.37 -0.61	21.36 0.31 -0.59	21.76 0.27 -0.60	21.93 0.27 -0.60	22.93 0.33 -0.62	26.59 0.41 -0.70	34.82 0.76 -0.86	36.75 0.94 -0.89	34.30 0.66 -0.85	30.04 0.32 -0.77	29.55 0.40 -0.76	27.95 0.38 -0.73	25.81 0.17 -0.69	24.49 0.14 -0.66	23.59 0.09 -0.64	23.81 0.12 -0.65	26.25 0.18 -0.70	32.46 0.35 -0.75	34.35 0.58 0.50	36.30 0.91 0.95	36.16 0.86 -0.88	30.13 0.74 -0.77	26.39 0.53 -0.69	24.84 0.47 -0.66
BORALEX_4TH_BRANCH 23824	22.84 1.03 0.00	21.45 0.98 0.00	21.64 0.75 0.00	21.66 0.61 0.00	22.60 0.62 0.00	26.20 0.71 0.00	34.73 1.53 0.00	36.70 1.78 0.00	34.27 1.48 0.00	29.99 1.04 0.00	29.30 0.91 0.00	27.65 0.81 0.00	25.74 0.80 0.00	24.47 0.78 0.00	23.72 0.87 0.00	23.92 0.88 0.00	26.44 1.07 0.00	32.94 1.57 0.00	36.05 1.78 0.00	38.05 1.71 0.00	36.18 1.76 0.00	29.82 1.20 0.00	26.05 0.88 0.00	24.44 0.73 0.00
BOWLINE___1 23526	22.93 1.11 0.00	21.55 1.08 0.00	21.75 0.86 0.00	21.79 0.74 0.00	22.68 0.70 0.00	26.35 0.87 0.00	34.93 1.73 0.00	37.05 2.13 0.00	34.96 2.16 0.00	30.45 1.50 0.00	29.78 1.39 0.00	28.24 1.39 0.00	26.22 1.27 0.00	24.87 1.18 0.00	24.02 1.16 0.00	24.24 1.20 0.00	26.74 1.37 0.00	33.44 2.07 0.00	36.47 2.20 0.00	38.88 2.54 0.00	36.73 2.31 0.00	30.05 1.43 0.00	26.35 1.18 0.00	24.77 1.07 0.00
BOWLINE___2 23595	22.93 1.11 0.00	21.55 1.08 0.00	21.77 0.88 0.00	21.79 0.74 0.00	22.68 0.70 0.00	26.35 0.87 0.00	34.93 1.73 0.00	37.05 2.13 0.00	34.96 2.16 0.00	30.45 1.50 0.00	29.78 1.39 0.00	28.24 1.39 0.00	26.22 1.27 0.00	24.87 1.18 0.00	24.02 1.16 0.00	24.24 1.20 0.00	26.74 1.37 0.00	33.44 2.07 0.00	36.47 2.20 0.00	38.88 2.54 0.00	36.73 2.31 0.00	30.05 1.43 0.00	26.35 1.18 0.00	24.77 1.07 0.00
BRADY___115KV_TB2 356060	23.27 -0.46 -1.92	21.81 -0.49 -1.83	22.49 -0.27 -1.87	22.79 -0.15 -1.89	23.77 -0.15 -1.95	27.38 -0.28 -2.18	35.28 -0.60 -2.67	37.12 -0.56 -2.76	34.76 -0.69 -2.65	31.07 -0.29 -2.42	30.63 -0.14 -2.38	28.93 -0.19 -2.28	26.92 -0.17 -2.15	25.51 -0.24 -2.06	24.52 -0.34 -2.01	24.64 -0.41 -2.01	27.14 -0.41 -2.17	32.56 -0.63 -1.82	21.56 -0.69 12.02	18.47 -0.73 17.14	36.58 -0.59 -2.74	30.84 -0.17 -2.39	27.24 -0.10 -2.17	25.63 -0.14 -2.07
BRANSCOMB___SOLAR 323811	22.86 1.05 0.00	21.49 1.02 0.00	21.79 0.90 0.00	21.87 0.82 0.00	22.84 0.86 0.00	26.55 1.07 0.00	35.03 1.83 0.00	36.98 2.06 0.00	34.66 1.87 0.00	30.33 1.39 0.00	29.64 1.25 0.00	27.89 1.05 0.00	25.87 0.92 0.00	24.61 0.92 0.00	23.77 0.92 0.00	23.97 0.92 0.00	26.49 1.12 0.00	33.00 1.63 0.00	36.22 1.95 0.00	38.41 2.07 0.00	36.42 2.00 0.00	30.02 1.40 0.00	26.20 1.03 0.00	24.65 0.95 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.73 1.92 0.00	22.11 1.64 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.23 1.25 0.00	26.96 1.48 0.00	35.56 2.36 0.00	37.75 2.83 0.00	35.71 2.92 0.00	31.26 2.32 0.00	30.72 2.30 -0.03	29.10 2.15 -0.11	26.89 1.95 0.00	25.44 1.75 0.00	24.61 1.76 0.00	24.96 1.91 0.00	27.63 2.26 0.00	34.50 3.14 0.00	38.95 3.53 -1.15	42.30 3.82 -2.14	38.94 3.51 -1.00	34.25 2.38 -3.26	29.44 2.06 -2.21	25.87 1.87 -0.29

BRISTLHL_115KV_TB1 79998	21.53 -0.28 0.00	20.26 -0.20 0.00	20.60 -0.29 0.00	20.74 -0.32 0.00	21.69 -0.29 0.00	25.18 -0.31 0.00	32.81 -0.40 0.00	34.36 -0.56 0.00	32.24 -0.56 0.00	28.34 -0.61 0.00	27.80 -0.60 0.00	26.28 -0.56 0.00	24.40 -0.55 0.00	23.16 -0.52 0.00	22.33 -0.53 0.00	22.52 -0.53 0.00	24.77 -0.61 0.00	30.58 -0.78 0.00	33.52 -0.75 0.00	35.65 -0.69 0.00	33.77 -0.65 0.00	28.05 -0.57 0.00	24.62 -0.55 0.00	23.23 -0.47 0.00
BROOKHAVEN___DRP 24191	23.58 1.77 0.00	21.90 1.43 0.00	22.04 1.15 0.00	22.06 1.01 0.00	23.04 1.06 0.00	26.68 1.20 0.00	35.30 2.09 0.00	37.43 2.51 0.00	35.39 2.59 0.00	30.94 2.00 0.00	30.40 1.99 -0.02	28.81 1.88 -0.09	26.62 1.67 0.00	25.15 1.47 0.00	24.43 1.58 0.00	24.84 1.80 0.00	27.58 2.21 0.00	34.50 3.14 0.00	38.85 3.43 -1.15	42.08 3.60 -2.14	38.73 3.30 -1.00	34.05 2.18 -3.25	29.20 1.84 -2.19	25.61 1.66 -0.25
BROOKLYN_NAVY_YARD 23515	23.04 1.22 0.00	21.68 1.21 0.00	21.83 0.94 0.00	21.85 0.80 0.00	22.70 0.72 0.00	26.40 0.92 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.32 2.53 0.00	30.74 1.80 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.52 1.57 0.00	25.18 1.49 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.84 2.57 0.00	39.28 2.94 0.00	37.07 2.65 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
BROOKLYN___ARMY_DRP 323595	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
BROOKVLE_69_KV_TB1 55790	23.73 1.92 0.00	22.13 1.66 0.00	22.29 1.40 0.00	22.31 1.26 0.00	23.28 1.30 0.00	27.04 1.55 0.00	35.80 2.59 0.00	38.06 3.14 0.00	35.91 3.12 0.00	31.43 2.49 0.00	30.94 2.44 -0.10	29.60 2.31 -0.45	27.07 2.12 0.00	25.58 1.89 0.00	24.70 1.85 0.00	24.98 1.94 0.00	27.61 2.23 0.00	34.53 3.17 0.00	38.99 3.56 -1.15	42.41 3.92 -2.14	39.04 3.61 -1.00	34.35 2.46 -3.27	29.72 2.04 -2.51	26.78 1.87 -1.21
BROOME_2_LFGE 323671	22.16 0.35 0.00	20.69 0.23 0.00	21.04 0.15 0.00	21.16 0.11 0.00	22.16 0.18 0.00	25.71 0.23 0.00	33.70 0.50 0.00	35.38 0.45 -0.01	33.19 0.39 0.00	29.15 0.20 0.00	28.56 0.17 0.00	27.00 0.16 0.00	25.10 0.15 0.00	23.80 0.12 0.00	22.97 0.11 0.00	23.16 0.12 0.00	25.43 0.05 0.00	31.46 0.09 0.00	34.45 0.17 -0.01	36.78 0.44 0.00	34.84 0.41 0.00	28.82 0.20 0.00	25.32 0.15 0.00	23.94 0.24 0.00
BROOME___LFGE 323600	22.16 0.35 0.00	20.69 0.23 0.00	21.04 0.15 0.00	21.16 0.11 0.00	22.16 0.18 0.00	25.71 0.23 0.00	33.70 0.50 0.00	35.38 0.45 -0.01	33.19 0.39 0.00	29.15 0.20 0.00	28.56 0.17 0.00	27.00 0.16 0.00	25.10 0.15 0.00	23.80 0.12 0.00	22.97 0.11 0.00	23.16 0.12 0.00	25.43 0.05 0.00	31.46 0.09 0.00	34.45 0.17 -0.01	36.78 0.44 0.00	34.84 0.41 0.00	28.82 0.20 0.00	25.32 0.15 0.00	23.94 0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	23.80 -0.89 -2.88	22.32 -0.90 -2.75	22.89 -0.81 -2.82	23.13 -0.76 -2.84	24.14 -0.77 -2.93	27.84 -0.92 -3.28	36.03 -1.20 -4.02	37.97 -1.12 -4.17	35.58 -1.21 -3.99	31.51 -1.07 -3.64	30.90 -1.08 -3.59	29.22 -1.05 -3.42	27.03 -1.15 -3.23	25.65 -1.14 -3.11	24.71 -1.17 -3.02	24.86 -1.22 -3.03	27.40 -1.24 -3.27	33.27 -1.47 -3.38	27.46 -1.41 5.41	26.43 -1.31 8.60	37.39 -1.17 -4.14	31.51 -0.72 -3.60	27.73 -0.70 -3.26	26.08 -0.73 -3.11
BROWNSV1_27_KV_LOAD 356125	23.41 1.59 0.00	21.88 1.41 0.00	22.04 1.15 0.00	22.06 1.01 0.00	22.95 0.97 0.00	26.65 1.17 0.00	35.43 2.22 0.00	37.57 2.65 0.00	35.48 2.69 0.00	31.00 2.06 0.00	30.35 1.96 0.00	28.83 1.99 0.00	26.79 1.85 0.00	25.39 1.71 0.00	24.52 1.67 0.00	24.73 1.68 0.00	27.25 1.88 0.00	34.16 2.79 0.00	37.32 3.05 0.00	39.65 3.31 0.00	37.38 2.96 0.00	30.48 1.86 0.00	26.78 1.61 0.00	25.20 1.49 0.00
BURROWS___LYONSDAL 23803	22.84 0.22 -0.81	21.40 0.16 -0.77	21.83 0.15 -0.79	21.97 0.13 -0.80	22.98 0.18 -0.82	26.66 0.25 -0.92	34.90 0.56 -1.13	36.82 0.73 -1.17	34.34 0.43 -1.12	30.08 0.12 -1.02	29.57 0.17 -1.01	27.96 0.16 -0.96	25.75 -0.10 -0.91	24.46 -0.09 -0.87	23.56 -0.14 -0.85	23.76 -0.14 -0.85	26.22 -0.08 -0.92	32.41 0.06 -0.98	33.64 0.31 0.94	35.32 0.62 1.63	36.17 0.59 -1.16	30.23 0.60 -1.01	26.49 0.40 -0.92	24.91 0.33 -0.87
CAITHNESS_CC_1 323624	23.30 1.48 0.00	21.86 1.39 0.00	22.04 1.15 0.00	22.06 1.01 0.00	23.01 1.03 0.00	26.68 1.20 0.00	35.27 2.06 0.00	37.40 2.48 0.00	35.48 2.69 0.00	30.97 2.03 0.00	30.32 1.90 -0.03	28.71 1.77 -0.09	26.54 1.60 0.00	25.15 1.47 0.00	24.41 1.55 0.00	24.68 1.64 0.00	27.54 2.16 -0.01	34.44 3.08 0.00	38.69 3.26 -1.16	42.02 3.52 -2.15	38.67 3.23 -1.01	34.00 2.12 -3.26	29.21 1.84 -2.20	25.59 1.63 -0.25
CALPINE BETH_PAGE_GT4 24209	23.65 1.83 0.00	22.04 1.58 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.19 1.21 0.00	26.83 1.35 0.00	35.46 2.26 0.00	37.68 2.76 0.00	35.58 2.79 0.00	31.12 2.17 0.00	30.63 2.16 -0.08	29.21 2.04 -0.33	26.82 1.87 0.00	25.34 1.66 0.00	24.50 1.65 0.00	24.80 1.75 0.00	27.40 2.03 0.00	34.19 2.82 0.00	38.57 3.15 -1.15	41.94 3.45 -2.14	38.59 3.17 -1.00	34.00 2.12 -3.26	29.33 1.76 -2.40	26.27 1.68 -0.89
CALPINE_BETH_PAGE_GT_4 323586	23.47 1.66 0.00	22.05 1.58 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.19 1.21 0.00	26.83 1.35 0.00	35.46 2.26 0.00	37.68 2.76 0.00	35.65 2.85 0.00	31.17 2.23 0.00	30.58 2.10 -0.08	29.19 2.01 -0.33	26.74 1.80 0.00	25.34 1.66 0.00	24.48 1.62 0.00	24.75 1.71 0.00	27.41 2.03 -0.01	34.19 2.82 0.00	38.48 3.05 -1.16	41.95 3.45 -2.15	38.60 3.16 -1.01	33.98 2.09 -3.27	29.34 1.76 -2.41	26.27 1.68 -0.89
CALPINE_BP_GT1 23823	23.47 1.66 0.00	22.05 1.58 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.19 1.21 0.00	26.83 1.35 0.00	35.46 2.26 0.00	37.68 2.76 0.00	35.65 2.85 0.00	31.17 2.23 0.00	30.58 2.10 -0.08	29.19 2.01 -0.33	26.74 1.80 0.00	25.34 1.66 0.00	24.48 1.62 0.00	24.75 1.71 0.00	27.41 2.03 -0.01	34.19 2.82 0.00	38.48 3.05 -1.16	41.95 3.45 -2.15	38.60 3.16 -1.01	33.98 2.09 -3.27	29.34 1.76 -2.41	26.27 1.68 -0.89
CALSPAN___DRP 24200	20.07 -1.75 0.00	19.01 -1.45 0.00	19.34 -1.55 0.00	19.54 -1.52 0.00	20.49 -1.49 0.00	23.67 -1.81 0.00	30.68 -2.52 0.00	30.89 -4.02 0.02	29.75 -3.05 0.00	26.22 -2.72 0.00	25.55 -2.84 0.00	24.40 -2.44 0.00	22.55 -2.39 0.00	21.65 -2.04 0.00	20.73 -2.13 0.00	20.97 -2.07 0.00	22.61 -2.77 0.00	27.51 -3.86 0.00	29.73 -4.52 0.02	32.20 -4.14 0.00	30.63 -3.79 0.00	25.59 -3.03 0.00	22.75 -2.42 0.00	22.12 -1.59 0.00

CALVERTON___SOLAR 323806	23.34 1.53 0.00	21.90 1.43 0.00	22.06 1.17 0.00	22.08 1.03 0.00	23.06 1.08 0.00	26.71 1.22 0.00	35.33 2.13 0.00	37.46 2.55 0.00	35.55 2.76 0.00	31.00 2.06 0.00	30.38 1.96 -0.03	28.73 1.80 -0.09	26.57 1.62 0.00	25.15 1.47 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.86 3.43 -1.16	42.16 3.67 -2.15	38.81 3.38 -1.01	34.12 2.23 -3.26	29.26 1.89 -2.20	25.64 1.68 -0.25
CANDIGU_WT_PWR 323617	21.95 0.13 0.00	20.45 -0.02 0.00	20.79 -0.10 0.00	20.88 -0.17 0.00	21.94 -0.04 0.00	25.51 0.03 0.00	33.34 0.13 0.00	34.34 -0.59 -0.02	32.21 -0.59 0.00	28.25 -0.69 0.00	27.65 -0.74 0.00	26.20 -0.64 0.00	24.30 -0.65 0.00	23.02 -0.66 0.00	22.21 -0.64 0.00	22.40 -0.65 0.00	24.49 -0.89 0.00	30.27 -1.10 0.00	33.16 -1.13 -0.02	35.69 -0.65 0.00	33.87 -0.55 0.00	28.05 -0.57 0.00	24.64 -0.53 0.00	23.44 -0.26 0.00
CARR STREET_E_SYR 24060	21.81 0.00 0.00	20.41 -0.06 0.00	20.74 -0.15 0.00	20.88 -0.17 0.00	21.87 -0.11 0.00	25.33 -0.15 0.00	32.87 -0.33 0.00	34.46 -0.45 0.00	32.27 -0.53 0.00	28.54 -0.41 0.00	28.05 -0.34 0.00	26.55 -0.29 0.00	24.67 -0.27 0.00	23.40 -0.28 0.00	22.60 -0.25 0.00	22.77 -0.28 0.00	24.99 -0.38 0.00	30.77 -0.60 0.00	33.66 -0.62 0.00	35.80 -0.54 0.00	33.87 -0.55 0.00	28.22 -0.40 0.00	24.84 -0.33 0.00	23.42 -0.28 0.00
CARTHAGE___PAPER 23857	22.65 -0.48 -1.31	21.19 -0.53 -1.25	21.63 -0.54 -1.28	21.82 -0.53 -1.29	22.83 -0.48 -1.34	26.47 -0.51 -1.49	34.57 -0.46 -1.83	36.50 -0.31 -1.90	33.99 -0.62 -1.82	29.74 -0.87 -1.66	29.09 -0.94 -1.63	27.49 -0.91 -1.56	25.30 -1.12 -1.47	23.99 -1.11 -1.42	23.09 -1.14 -1.38	23.30 -1.13 -1.38	25.80 -1.06 -1.49	31.85 -1.07 -1.55	31.32 -0.72 2.23	32.38 -0.36 3.60	36.00 -0.31 -1.89	30.18 -0.09 -1.64	26.41 -0.25 -1.49	24.81 -0.31 -1.42
CASSADAGA_WT_PWR 323784	20.46 -1.35 0.00	18.52 -1.94 0.00	18.84 -2.05 0.00	19.26 -1.79 0.00	20.05 -1.93 0.00	23.19 -2.29 0.00	30.68 -2.53 0.00	30.54 -4.37 0.01	29.06 -3.74 0.00	25.76 -3.18 0.00	25.07 -3.32 0.00	23.97 -2.87 0.00	22.35 -2.59 0.00	21.27 -2.42 0.00	20.50 -2.35 0.00	20.67 -2.37 0.00	22.20 -3.17 0.00	27.16 -4.20 0.00	29.46 -4.80 0.01	32.13 -4.22 0.00	30.74 -3.68 0.00	25.67 -2.95 0.00	22.78 -2.39 0.00	22.21 -1.49 0.00
CE_DUNWOOD___DRP 24194	23.17 1.35 0.00	21.65 1.19 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.77 0.79 0.00	26.45 0.97 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.40 1.56 0.00	26.42 1.47 0.00	25.03 1.35 0.00	24.20 1.35 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.81 2.54 0.00	39.10 2.76 0.00	36.93 2.51 0.00	30.19 1.57 0.00	26.48 1.31 0.00	24.89 1.19 0.00
CE_MILLWOOD___DRP 24193	23.12 1.31 0.00	21.63 1.17 0.00	21.81 0.92 0.00	21.85 0.80 0.00	22.75 0.77 0.00	26.40 0.92 0.00	35.03 1.83 0.00	37.15 2.23 0.00	34.99 2.20 0.00	30.54 1.59 0.00	29.92 1.53 0.00	28.34 1.50 0.00	26.34 1.40 0.00	24.96 1.28 0.00	24.13 1.28 0.00	24.36 1.31 0.00	26.85 1.47 0.00	33.59 2.23 0.00	36.70 2.43 0.00	39.03 2.69 0.00	36.86 2.44 0.00	30.17 1.55 0.00	26.43 1.26 0.00	24.84 1.14 0.00
CE_NYC2_DRP 24202	23.37 1.55 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.90 0.92 0.00	26.48 0.99 0.00	35.10 1.89 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.22 1.54 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.05 1.67 0.00	33.91 2.54 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.66 1.49 0.00	25.10 1.40 0.00
CE_NYC_DRP 24195	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.89 0.84 0.00	22.77 0.79 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.57 1.62 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.98 1.28 0.00
CHAFFEE___LFGE 323603	20.90 -0.92 0.00	19.10 -1.37 0.00	19.43 -1.46 0.00	19.62 -1.43 0.00	20.64 -1.34 0.00	23.80 -1.68 0.00	30.85 -2.36 0.00	31.06 -3.84 0.01	29.45 -3.35 0.00	26.28 -2.66 0.00	25.67 -2.73 0.00	24.51 -2.34 0.00	22.87 -2.07 0.00	21.74 -1.94 0.00	21.00 -1.85 0.00	21.13 -1.91 0.00	22.68 -2.69 0.00	27.67 -3.70 0.00	29.94 -4.32 0.01	32.38 -3.96 0.00	30.81 -3.61 0.00	25.73 -2.89 0.00	22.86 -2.32 0.00	22.21 -1.49 0.00
CHATEAUG_35_KV_LOAD 355732	-8.95 -1.46 29.30	-8.92 -1.41 27.98	-8.95 -1.21 28.62	-8.97 -1.14 28.88	-9.00 -1.19 29.80	-9.26 -1.43 33.32	-9.80 -2.13 40.88	-9.85 -2.20 42.57	-9.85 -2.00 40.65	-9.54 -1.48 37.01	-9.50 -1.45 36.45	-9.39 -1.42 34.81	-9.26 -1.32 32.88	-9.19 -1.30 31.57	-9.11 -1.28 30.68	-9.12 -1.31 30.85	-9.29 -1.37 33.29	-9.62 -1.82 39.17	-8.41 -1.95 40.73	-8.04 -2.18 42.20	-9.78 -2.10 42.10	-9.43 -1.43 36.62	-9.20 -1.21 33.16	-9.13 -1.21 31.62
CHATEAUG_WT_PWR 323614	-7.01 -1.57 27.25	-7.01 -1.45 26.02	-7.01 -1.27 26.62	-7.01 -1.20 26.86	-7.01 -1.28 27.71	-7.03 -1.53 30.98	-7.04 -2.22 38.02	-6.97 -2.31 39.59	-7.04 -2.03 37.80	-7.04 -1.56 34.42	-7.03 -1.53 33.89	-7.01 -1.48 32.37	-7.03 -1.40 30.58	-7.03 -1.35 29.36	-7.03 -1.35 28.53	-7.03 -1.38 28.69	-7.06 -1.47 30.96	-7.13 -2.01 36.49	-7.11 -2.19 39.18	-7.11 -2.43 41.02	-7.01 -2.27 39.16	-7.03 -1.60 34.05	-7.01 -1.33 30.84	-7.03 -1.33 29.41
CHAT_HIGH_FALL_HYD 323578	-8.95 -1.46 29.30	-8.92 -1.41 27.98	-8.95 -1.21 28.62	-8.97 -1.14 28.88	-9.00 -1.19 29.80	-9.26 -1.43 33.32	-9.80 -2.13 40.88	-9.85 -2.20 42.57	-9.85 -2.00 40.65	-9.54 -1.48 37.01	-9.50 -1.45 36.45	-9.39 -1.42 34.81	-9.26 -1.32 32.88	-9.19 -1.30 31.57	-9.11 -1.28 30.68	-9.12 -1.31 30.85	-9.29 -1.37 33.29	-9.62 -1.82 39.17	-8.41 -1.95 40.73	-8.04 -2.18 42.20	-9.78 -2.10 42.10	-9.43 -1.43 36.62	-9.20 -1.21 33.16	-9.13 -1.21 31.62
CHAUTAUQUA___LFGE 323629	20.77 -1.05 0.00	18.95 -1.51 0.00	19.28 -1.61 0.00	19.54 -1.52 0.00	20.48 -1.50 0.00	23.67 -1.81 0.00	30.91 -2.29 0.00	31.03 -3.88 0.01	29.38 -3.41 0.00	26.17 -2.78 0.00	25.53 -2.87 0.00	24.37 -2.47 0.00	22.72 -2.22 0.00	21.62 -2.06 0.00	20.86 -1.99 0.00	21.00 -2.05 0.00	22.53 -2.84 0.00	27.51 -3.86 0.00	29.87 -4.39 0.01	32.34 -4.00 0.00	30.81 -3.61 0.00	25.73 -2.89 0.00	22.86 -2.32 0.00	22.21 -1.49 0.00
CHERRYST_13_KV_LD 356241	23.30 1.48 0.00	21.76 1.29 0.00	21.91 1.02 0.00	21.96 0.91 0.00	22.84 0.86 0.00	26.50 1.02 0.00	35.23 2.03 0.00	37.36 2.44 0.00	35.29 2.49 0.00	30.83 1.88 0.00	30.21 1.82 0.00	28.67 1.83 0.00	26.67 1.72 0.00	25.27 1.59 0.00	24.41 1.55 0.00	24.61 1.57 0.00	27.13 1.75 0.00	33.97 2.60 0.00	37.08 2.81 0.00	39.39 3.05 0.00	37.14 2.72 0.00	30.31 1.69 0.00	26.63 1.46 0.00	25.05 1.35 0.00

CHESTROR_138KV_BK263 355645	22.88 1.07 0.00	21.41 0.94 0.00	21.64 0.75 0.00	21.68 0.63 0.00	22.60 0.62 0.00	26.25 0.76 0.00	34.70 1.49 0.00	36.77 1.85 0.00	34.53 1.74 0.00	30.16 1.22 0.00	29.53 1.14 0.00	27.97 1.13 0.00	25.99 1.05 0.00	24.63 0.95 0.00	23.81 0.96 0.00	24.04 0.99 0.00	26.49 1.12 0.00	33.09 1.73 0.00	36.19 1.92 0.00	38.52 2.18 0.00	36.42 2.00 0.00	29.82 1.20 0.00	26.15 0.98 0.00	24.60 0.90 0.00
CH_MIDHUDSON___DRP 24192	23.01 1.20 0.00	21.55 1.08 0.00	21.77 0.88 0.00	21.81 0.76 0.00	22.71 0.73 0.00	26.37 0.89 0.00	34.90 1.69 0.00	37.01 2.10 0.00	34.76 1.97 0.00	30.31 1.36 0.00	29.64 1.25 0.00	28.08 1.23 0.00	26.09 1.15 0.00	24.73 1.04 0.00	23.90 1.05 0.00	24.13 1.08 0.00	26.62 1.24 0.00	33.31 1.94 0.00	36.43 2.16 0.00	38.70 2.36 0.00	36.62 2.20 0.00	30.02 1.40 0.00	26.28 1.11 0.00	24.70 1.00 0.00
CH_MISC_IPPS 23765	23.04 1.22 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.53 1.05 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.48 1.53 0.00	29.78 1.39 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.82 1.14 0.00	23.97 1.12 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.47 2.10 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.90 2.48 0.00	30.16 1.54 0.00	26.43 1.26 0.00	24.84 1.14 0.00
CH_RES_BVR_FALLS 23983	21.03 -0.78 0.00	19.75 -0.72 0.00	20.26 -0.63 0.00	20.46 -0.59 0.00	21.36 -0.62 0.00	24.72 -0.76 0.00	32.04 -1.16 0.00	33.69 -1.19 0.04	31.67 -1.12 0.01	28.10 -0.84 0.00	27.63 -0.77 0.00	26.09 -0.75 0.00	24.22 -0.72 0.00	23.00 -0.69 0.00	22.17 -0.69 0.00	22.34 -0.69 0.01	24.60 -0.76 0.01	29.19 -1.00 1.18	9.69 -1.13 23.46	3.32 -1.24 31.79	33.24 -1.17 0.01	27.79 -0.83 0.00	24.49 -0.68 0.00	23.06 -0.64 0.00
CH_RES_NIAGARA 23895	19.94 -1.88 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.65 -2.33 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.80 -5.10 0.02	27.88 -4.92 0.00	24.98 -3.96 0.00	24.42 -3.98 0.00	23.33 -3.52 0.00	21.85 -3.09 0.00	20.79 -2.89 0.00	20.09 -2.77 0.00	20.21 -2.84 0.00	21.65 -3.73 0.00	26.32 -5.05 0.00	28.77 -5.48 0.02	30.67 -5.67 0.00	29.16 -5.27 0.00	24.41 -4.21 0.00	21.70 -3.47 0.00	21.10 -2.61 0.00
CH_RES_SYRACUSE 23985	21.99 0.17 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.96 0.03 -0.01	32.66 -0.13 0.00	28.80 -0.14 0.00	28.28 -0.11 0.00	26.73 -0.11 0.00	24.85 -0.10 0.00	23.57 -0.12 0.00	22.74 -0.11 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.11 -0.17 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00
CLINTON_WT_PWR 323605	-7.01 -1.57 27.25	-7.01 -1.45 26.02	-7.01 -1.27 26.62	-7.01 -1.20 26.86	-7.01 -1.28 27.71	-7.03 -1.53 30.98	-7.04 -2.22 38.02	-6.97 -2.31 39.59	-7.04 -2.03 37.80	-7.04 -1.56 34.42	-7.03 -1.53 33.89	-7.01 -1.48 32.37	-7.03 -1.40 30.58	-7.03 -1.35 29.36	-7.03 -1.35 28.53	-7.03 -1.38 28.69	-7.06 -1.47 30.96	-7.13 -2.01 36.49	-7.11 -2.19 39.18	-7.11 -2.43 41.02	-7.01 -2.27 39.16	-7.03 -1.60 34.05	-7.01 -1.33 30.84	-7.03 -1.33 29.41
CLINTON___LFGE 323618	-7.19 -1.22 27.79	-7.21 -1.15 26.53	-7.24 -0.98 27.14	-7.22 -0.88 27.39	-7.22 -0.94 28.26	-7.23 -1.12 31.59	-7.26 -1.69 38.77	-7.19 -1.74 40.36	-7.26 -1.51 38.55	-7.22 -1.07 35.09	-7.22 -1.05 34.56	-7.21 -1.05 33.01	-7.21 -0.97 31.18	-7.23 -0.97 29.94	-7.20 -0.96 29.09	-7.18 -0.97 29.26	-7.19 -0.99 31.57	-7.27 -1.44 37.19	-6.86 -1.54 39.59	-6.73 -1.74 41.33	-7.09 -1.58 39.93	-7.13 -1.03 34.72	-7.13 -0.86 31.45	-7.16 -0.88 29.98
COBBLENY_34_KV_TB1 80064	20.16 -1.66 0.00	19.10 -1.37 0.00	19.43 -1.46 0.00	19.62 -1.43 0.00	20.57 -1.41 0.00	23.80 -1.68 0.00	30.85 -2.36 0.00	30.99 -3.91 0.01	29.88 -2.92 0.00	26.34 -2.61 0.00	25.67 -2.73 0.00	24.51 -2.34 0.00	22.67 -2.27 0.00	21.74 -1.94 0.00	20.82 -2.03 0.00	21.09 -1.96 0.00	22.71 -2.66 0.00	27.67 -3.70 0.00	29.84 -4.42 0.01	32.38 -3.96 0.00	30.81 -3.61 0.00	25.70 -2.92 0.00	22.85 -2.32 0.00	22.21 -1.49 0.00
COFFEEN___115KV_TB3 355620	22.69 -0.22 -1.09	21.25 -0.27 -1.05	21.67 -0.29 -1.07	21.84 -0.29 -1.08	22.87 -0.22 -1.11	26.55 -0.18 -1.25	34.80 0.07 -1.53	36.71 0.21 -1.59	34.15 -0.16 -1.52	29.72 -0.61 -1.38	29.04 -0.71 -1.36	27.44 -0.70 -1.30	25.28 -0.90 -1.23	23.96 -0.90 -1.18	23.04 -0.96 -1.15	23.23 -0.97 -1.15	25.73 -0.89 -1.24	31.88 -0.78 -1.30	32.09 -0.34 1.84	33.59 0.22 2.97	36.23 0.24 -1.57	30.25 0.26 -1.37	26.44 0.03 -1.24	24.84 -0.05 -1.18
COLDSPRG_115KV_BK1 355956	20.75 -1.07 0.00	19.49 -0.98 0.00	19.82 -1.07 0.00	20.10 -0.95 0.00	21.01 -0.97 0.00	24.36 -1.12 0.00	32.01 -1.20 0.00	31.83 -3.07 0.01	30.79 -2.00 0.00	26.98 -1.97 0.00	26.23 -2.16 0.00	25.04 -1.80 0.00	23.17 -1.77 0.00	22.17 -1.52 0.00	21.25 -1.60 0.00	21.48 -1.57 0.00	23.14 -2.23 0.00	28.29 -3.07 0.00	30.39 -3.87 0.01	33.40 -2.94 0.00	31.84 -2.58 0.00	26.50 -2.12 0.00	23.53 -1.64 0.00	22.90 -0.81 0.00
COLONIE_LFGE___ 323577	22.64 0.83 0.00	21.33 0.86 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.59 0.61 0.00	26.19 0.71 0.00	34.60 1.39 0.00	36.52 1.61 0.00	34.24 1.44 0.00	29.96 1.01 0.00	29.30 0.91 0.00	27.65 0.80 0.00	25.69 0.75 0.00	24.44 0.76 0.00	23.61 0.75 0.00	23.83 0.78 0.00	26.31 0.94 0.00	32.75 1.38 0.00	35.85 1.58 0.00	37.98 1.64 0.00	36.00 1.58 0.00	29.71 1.09 0.00	25.98 0.81 0.00	24.41 0.71 0.00
COOPERNY_115KV_TB1 80082	22.62 0.81 0.00	21.18 0.72 0.00	21.45 0.56 0.00	21.51 0.46 0.00	22.44 0.46 0.00	26.04 0.56 0.00	34.33 1.13 0.00	36.31 1.40 0.00	34.14 1.34 0.00	29.87 0.93 0.00	29.27 0.88 0.00	27.70 0.86 0.00	25.74 0.80 0.00	24.42 0.73 0.00	23.58 0.73 0.00	23.81 0.76 0.00	26.21 0.84 0.00	32.65 1.29 0.00	35.71 1.44 0.00	37.98 1.64 0.00	35.94 1.51 0.00	29.54 0.92 0.00	25.93 0.76 0.00	24.39 0.69 0.00
COPENHAGEN_WT_PWR 323753	22.57 -0.28 -1.04	21.07 -0.39 -0.99	21.48 -0.42 -1.01	21.67 -0.40 -1.02	22.70 -0.33 -1.05	26.33 -0.33 -1.18	34.42 -0.23 -1.45	36.31 -0.10 -1.50	33.80 -0.43 -1.44	29.53 -0.72 -1.31	28.89 -0.79 -1.29	27.29 -0.78 -1.23	25.19 -0.92 -1.16	23.88 -0.92 -1.12	22.98 -0.96 -1.09	23.17 -0.97 -1.09	25.59 -0.96 -1.18	31.65 -0.94 -1.23	31.99 -0.55 1.73	33.39 -0.14 2.80	35.77 -0.14 -1.49	29.89 -0.03 -1.30	26.17 -0.17 -1.17	24.59 -0.24 -1.12
CORNELL_____ 23752	22.38 0.57 0.00	21.02 0.55 0.00	21.37 0.48 0.00	21.51 0.46 0.00	22.53 0.55 0.00	26.20 0.71 0.00	34.33 1.13 0.00	35.97 1.05 0.00	33.68 0.89 0.00	29.49 0.55 0.00	28.79 0.40 0.00	27.19 0.35 0.00	25.22 0.27 0.00	23.92 0.24 0.00	23.06 0.21 0.00	23.28 0.23 0.00	25.63 0.25 0.00	31.74 0.38 0.00	34.93 0.65 0.00	37.32 0.98 0.00	35.35 0.93 0.00	29.28 0.66 0.00	25.65 0.48 0.00	24.20 0.50 0.00

CORONA_69_KV_TB1 355595	23.63 1.81 0.00	22.04 1.58 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.17 1.19 0.00	26.91 1.43 0.00	35.60 2.39 0.00	37.78 2.86 0.00	35.62 2.82 0.00	31.20 2.26 0.00	30.89 2.19 -0.31	30.25 2.07 -1.35	26.89 1.95 0.00	25.44 1.75 0.00	24.59 1.74 0.00	24.84 1.80 0.00	27.46 2.08 0.00	34.32 2.95 0.00	38.71 3.29 -1.15	42.12 3.63 -2.14	38.76 3.34 -1.00	34.15 2.23 -3.30	30.32 1.86 -3.29	28.99 1.71 -3.58
CORTLAND_115KV_TB3 80093	22.19 0.37 0.00	20.84 0.37 0.00	21.18 0.29 0.00	21.30 0.25 0.00	22.31 0.33 0.00	25.92 0.43 0.00	33.94 0.73 0.00	35.55 0.63 0.00	33.35 0.56 0.00	29.23 0.29 0.00	28.62 0.23 0.00	27.06 0.21 0.00	25.09 0.15 0.00	23.83 0.14 0.00	22.97 0.11 0.00	23.16 0.12 0.00	25.48 0.10 0.00	31.56 0.19 0.00	34.58 0.31 0.00	36.96 0.62 0.00	34.97 0.55 0.00	28.99 0.37 0.00	25.42 0.25 0.00	23.99 0.28 0.00
COXSACKIE___GT 23611	23.58 1.77 0.00	22.15 1.68 0.00	22.44 1.55 0.00	22.55 1.49 0.00	23.58 1.60 0.00	27.49 2.01 0.00	36.33 3.12 0.00	38.34 3.42 0.00	35.55 2.76 0.00	30.80 1.85 0.00	29.92 1.53 0.00	28.10 1.26 0.00	26.04 1.10 0.00	24.77 1.09 0.00	23.91 1.05 0.00	24.11 1.06 0.00	26.74 1.37 0.00	33.53 2.16 0.00	36.91 2.64 0.00	39.47 3.13 0.00	37.41 2.99 0.00	30.74 2.12 0.00	26.81 1.64 0.00	25.29 1.59 0.00
CPV_VALLEY___CC1 323721	22.62 0.81 0.00	21.27 0.80 0.00	21.50 0.61 0.00	21.56 0.50 0.00	22.44 0.46 0.00	26.07 0.59 0.00	34.43 1.23 0.00	36.45 1.53 0.00	34.34 1.54 0.00	29.96 1.01 0.00	29.33 0.94 0.00	27.78 0.94 0.00	25.82 0.87 0.00	24.49 0.81 0.00	23.65 0.80 0.00	23.88 0.83 0.00	26.34 0.96 0.00	32.84 1.47 0.00	35.85 1.58 0.00	38.19 1.85 0.00	36.11 1.69 0.00	29.62 1.00 0.00	25.98 0.81 0.00	24.44 0.74 0.00
CPV_VALLEY___CC2 323722	22.62 0.81 0.00	21.27 0.80 0.00	21.50 0.61 0.00	21.56 0.50 0.00	22.44 0.46 0.00	26.07 0.59 0.00	34.43 1.23 0.00	36.45 1.53 0.00	34.34 1.54 0.00	29.96 1.01 0.00	29.33 0.94 0.00	27.78 0.94 0.00	25.82 0.87 0.00	24.49 0.81 0.00	23.65 0.80 0.00	23.88 0.83 0.00	26.34 0.96 0.00	32.84 1.47 0.00	35.85 1.58 0.00	38.19 1.85 0.00	36.11 1.69 0.00	29.62 1.00 0.00	25.98 0.81 0.00	24.44 0.74 0.00
CRESCENT___HYD 24018	22.64 0.83 0.00	21.33 0.86 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.59 0.61 0.00	26.19 0.71 0.00	34.60 1.39 0.00	36.52 1.61 0.00	34.24 1.44 0.00	29.96 1.01 0.00	29.30 0.91 0.00	27.65 0.80 0.00	25.69 0.75 0.00	24.44 0.76 0.00	23.61 0.75 0.00	23.83 0.78 0.00	26.31 0.94 0.00	32.75 1.38 0.00	35.85 1.58 0.00	37.98 1.64 0.00	36.00 1.58 0.00	29.71 1.09 0.00	25.98 0.81 0.00	24.41 0.71 0.00
CRICKET___VALLEY_CC1 323756	22.71 0.89 0.00	21.43 0.96 0.00	21.62 0.73 0.00	21.64 0.59 0.00	22.53 0.55 0.00	26.14 0.66 0.00	34.63 1.43 0.00	36.66 1.75 0.00	34.50 1.70 0.00	30.10 1.16 0.00	29.38 0.99 0.00	27.81 0.96 0.00	25.84 0.90 0.00	24.56 0.88 0.00	23.72 0.87 0.00	23.97 0.92 0.00	26.47 1.09 0.00	33.03 1.66 0.00	36.05 1.78 0.00	38.27 1.92 0.00	36.28 1.86 0.00	29.77 1.15 0.00	26.05 0.88 0.00	24.46 0.76 0.00
CRICKET___VALLEY_CC2 323757	22.71 0.89 0.00	21.43 0.96 0.00	21.62 0.73 0.00	21.64 0.59 0.00	22.53 0.55 0.00	26.14 0.66 0.00	34.63 1.43 0.00	36.66 1.75 0.00	34.50 1.70 0.00	30.10 1.16 0.00	29.38 0.99 0.00	27.81 0.96 0.00	25.84 0.90 0.00	24.56 0.88 0.00	23.72 0.87 0.00	23.97 0.92 0.00	26.47 1.09 0.00	33.03 1.66 0.00	36.05 1.78 0.00	38.27 1.92 0.00	36.28 1.86 0.00	29.77 1.15 0.00	26.05 0.88 0.00	24.46 0.76 0.00
CRICKET___VALLEY_CC3 323758	22.71 0.89 0.00	21.43 0.96 0.00	21.62 0.73 0.00	21.64 0.59 0.00	22.53 0.55 0.00	26.14 0.66 0.00	34.63 1.43 0.00	36.66 1.75 0.00	34.50 1.70 0.00	30.10 1.16 0.00	29.38 0.99 0.00	27.81 0.96 0.00	25.84 0.90 0.00	24.56 0.88 0.00	23.72 0.87 0.00	23.97 0.92 0.00	26.47 1.09 0.00	33.03 1.66 0.00	36.05 1.78 0.00	38.27 1.92 0.00	36.28 1.86 0.00	29.77 1.15 0.00	26.05 0.88 0.00	24.46 0.76 0.00
CRUCIBLE_METL_DRP 24180	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.92 0.00 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.28 -0.11 0.00	26.73 -0.12 0.00	24.82 -0.12 0.00	23.57 -0.12 0.00	22.72 -0.14 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.07 -0.21 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00
DAHOWA___HYDRO 323763	22.90 1.09 0.00	21.53 1.06 0.00	21.83 0.94 0.00	21.91 0.86 0.00	22.88 0.90 0.00	26.63 1.15 0.00	35.16 1.96 0.00	37.12 2.20 0.00	34.76 1.97 0.00	30.42 1.48 0.00	29.75 1.36 0.00	27.97 1.13 0.00	25.92 0.97 0.00	24.68 0.99 0.00	23.81 0.96 0.00	24.01 0.97 0.00	26.54 1.17 0.00	33.09 1.72 0.00	36.33 2.06 0.00	38.56 2.22 0.00	36.52 2.10 0.00	30.11 1.49 0.00	26.25 1.08 0.00	24.70 1.00 0.00
DANC___LFGE 323619	22.25 -0.28 -0.72	20.78 -0.37 -0.68	21.17 -0.42 -0.70	21.34 -0.42 -0.71	22.36 -0.35 -0.73	25.91 -0.38 -0.81	33.84 -0.36 -1.00	35.64 -0.31 -1.04	33.26 -0.53 -0.99	29.15 -0.69 -0.90	28.54 -0.74 -0.89	26.99 -0.70 -0.85	24.97 -0.77 -0.80	23.67 -0.78 -0.77	22.80 -0.80 -0.75	22.97 -0.83 -0.75	25.32 -0.86 -0.81	31.28 -0.94 -0.85	32.43 -0.69 1.16	34.06 -0.40 1.88	35.07 -0.38 -1.03	29.26 -0.26 -0.89	25.65 -0.33 -0.81	24.14 -0.33 -0.77
DANSKAMMER___1 23586	23.04 1.22 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.53 1.05 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.48 1.53 0.00	29.78 1.39 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.82 1.14 0.00	23.97 1.12 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.47 2.10 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.90 2.48 0.00	30.16 1.54 0.00	26.43 1.26 0.00	24.84 1.14 0.00
DANSKAMMER___2 23589	23.04 1.22 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.53 1.05 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.48 1.53 0.00	29.78 1.39 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.82 1.14 0.00	23.97 1.12 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.47 2.10 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.90 2.48 0.00	30.16 1.54 0.00	26.43 1.26 0.00	24.84 1.14 0.00
DANSKAMMER___3 23590	23.04 1.22 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.53 1.05 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.48 1.53 0.00	29.78 1.39 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.82 1.14 0.00	23.97 1.12 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.47 2.10 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.90 2.48 0.00	30.16 1.54 0.00	26.43 1.26 0.00	24.84 1.14 0.00

DANSKAMMER___4 23591	23.04 1.22 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.53 1.05 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.48 1.53 0.00	29.78 1.39 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.82 1.14 0.00	23.97 1.12 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.47 2.10 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.90 2.48 0.00	30.16 1.54 0.00	26.43 1.26 0.00	24.84 1.14 0.00
DANSKAMMER___DIESEL 23592	23.15 1.33 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.84 0.86 0.00	26.53 1.04 0.00	35.10 1.89 0.00	37.22 2.30 0.00	34.96 2.16 0.00	30.45 1.51 0.00	29.78 1.39 0.00	28.21 1.37 0.00	26.19 1.25 0.00	24.82 1.14 0.00	24.00 1.14 0.00	24.22 1.18 0.00	26.75 1.37 0.00	33.47 2.10 0.00	36.64 2.36 0.00	38.99 2.65 0.00	36.90 2.48 0.00	30.17 1.55 0.00	26.43 1.26 0.00	24.84 1.14 0.00
DARBY___SOLAR 323810	22.88 1.07 0.00	21.51 1.04 0.00	21.81 0.92 0.00	21.89 0.84 0.00	22.86 0.88 0.00	26.58 1.09 0.00	35.06 1.86 0.00	37.05 2.13 0.00	34.70 1.90 0.00	30.39 1.45 0.00	29.73 1.33 0.00	27.94 1.10 0.00	25.92 0.97 0.00	24.68 0.99 0.00	23.81 0.96 0.00	24.01 0.97 0.00	26.54 1.17 0.00	33.06 1.69 0.00	36.26 1.99 0.00	38.49 2.14 0.00	36.49 2.07 0.00	30.05 1.43 0.00	26.23 1.06 0.00	24.68 0.97 0.00
DASHVILLE___HYD 23610	22.86 1.05 0.00	21.39 0.92 0.00	21.60 0.71 0.00	21.64 0.59 0.00	22.53 0.55 0.00	26.14 0.66 0.00	34.53 1.33 0.00	36.59 1.68 0.00	34.27 1.48 0.00	29.84 0.90 0.00	29.27 0.88 0.00	27.73 0.89 0.00	25.77 0.82 0.00	24.39 0.71 0.00	23.61 0.75 0.00	23.81 0.76 0.00	26.26 0.89 0.00	32.90 1.54 0.00	36.02 1.75 0.00	38.30 1.96 0.00	36.24 1.82 0.00	29.68 1.06 0.00	26.05 0.88 0.00	24.51 0.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.91 2.09 0.00	22.19 1.72 0.00	22.33 1.44 0.00	22.36 1.31 0.00	23.36 1.38 0.00	27.06 1.58 0.00	35.90 2.69 0.00	38.06 3.14 0.00	36.07 3.28 0.00	31.49 2.55 0.00	30.88 2.47 -0.02	29.22 2.28 -0.09	26.97 2.02 0.00	25.41 1.73 0.00	24.70 1.85 0.00	25.12 2.07 0.00	27.91 2.54 0.00	35.04 3.67 0.00	39.47 4.04 -1.15	42.74 4.25 -2.14	39.31 3.89 -1.00	34.51 2.63 -3.25	29.55 2.19 -2.19	25.94 1.99 -0.25
DELAWARE___LFGE 323621	22.69 0.87 0.00	21.25 0.78 0.00	21.56 0.67 0.00	21.66 0.61 0.00	22.64 0.66 0.00	26.30 0.82 0.00	34.67 1.46 0.00	36.45 1.54 0.00	34.27 1.48 0.00	30.02 1.07 0.00	29.36 0.97 0.00	27.78 0.94 0.00	25.79 0.85 0.00	24.47 0.78 0.00	23.61 0.75 0.00	23.81 0.76 0.00	26.19 0.81 0.00	32.56 1.19 0.00	35.61 1.34 0.00	37.94 1.60 0.00	35.90 1.48 0.00	29.62 1.00 0.00	25.98 0.81 0.00	24.46 0.76 0.00
DERFIELD_115KV_TB7 355931	22.01 0.20 0.00	20.63 0.16 0.00	20.99 0.10 0.00	21.14 0.08 0.00	22.07 0.09 0.00	25.58 0.10 0.00	33.47 0.27 0.00	35.27 0.35 0.00	33.09 0.30 0.00	29.12 0.17 0.00	28.53 0.14 0.00	26.98 0.13 0.00	25.07 0.12 0.00	23.80 0.12 0.00	22.99 0.14 0.00	23.19 0.14 0.00	25.53 0.15 0.00	31.69 0.28 -0.04	35.37 0.34 -0.76	37.73 0.36 -1.02	34.77 0.34 0.00	28.82 0.20 0.00	25.30 0.13 0.00	23.82 0.12 0.00
DOGLEVILLE___HYD 23807	21.40 -0.42 0.00	20.08 -0.39 0.00	20.43 -0.46 0.00	20.55 -0.51 0.00	21.48 -0.50 0.00	24.92 -0.56 0.00	32.67 -0.53 0.00	34.43 -0.49 0.00	32.14 -0.66 0.00	28.19 -0.75 0.00	27.77 -0.62 0.00	26.28 -0.56 0.00	24.42 -0.53 0.00	23.19 -0.50 0.00	22.35 -0.50 0.00	22.56 -0.49 0.00	24.87 -0.51 0.00	30.87 -0.53 -0.04	34.51 -0.51 -0.76	36.93 -0.43 -1.02	34.01 -0.41 0.00	28.16 -0.46 0.00	24.72 -0.45 0.00	23.28 -0.43 0.00
DUNKIRK___115KV_TB_200 55889	20.16 -1.66 0.00	18.99 -1.47 0.00	19.34 -1.55 0.00	19.58 -1.47 0.00	20.49 -1.49 0.00	23.72 -1.76 0.00	30.98 -2.22 0.00	31.03 -3.88 0.01	29.88 -2.92 0.00	26.28 -2.66 0.00	25.55 -2.84 0.00	24.43 -2.42 0.00	22.60 -2.34 0.00	21.65 -2.04 0.00	20.75 -2.10 0.00	21.00 -2.05 0.00	22.61 -2.77 0.00	27.57 -3.80 0.00	29.84 -4.42 0.01	32.38 -3.96 0.00	30.84 -3.58 0.00	25.73 -2.89 0.00	22.85 -2.32 0.00	22.21 -1.49 0.00
DUNKIRK___1 23563	20.16 -1.66 0.00	18.99 -1.47 0.00	19.34 -1.55 0.00	19.58 -1.47 0.00	20.49 -1.49 0.00	23.72 -1.76 0.00	30.98 -2.22 0.00	31.03 -3.88 0.01	29.88 -2.92 0.00	26.28 -2.66 0.00	25.55 -2.84 0.00	24.43 -2.42 0.00	22.60 -2.34 0.00	21.65 -2.04 0.00	20.75 -2.10 0.00	21.00 -2.05 0.00	22.61 -2.77 0.00	27.57 -3.80 0.00	29.84 -4.42 0.01	32.38 -3.96 0.00	30.84 -3.58 0.00	25.73 -2.89 0.00	22.85 -2.32 0.00	22.21 -1.49 0.00
DUNKIRK___2 23564	20.16 -1.66 0.00	18.99 -1.47 0.00	19.34 -1.55 0.00	19.58 -1.47 0.00	20.49 -1.49 0.00	23.72 -1.76 0.00	30.98 -2.22 0.00	31.03 -3.88 0.01	29.88 -2.92 0.00	26.28 -2.66 0.00	25.55 -2.84 0.00	24.43 -2.42 0.00	22.60 -2.34 0.00	21.65 -2.04 0.00	20.75 -2.10 0.00	21.00 -2.05 0.00	22.61 -2.77 0.00	27.57 -3.80 0.00	29.84 -4.42 0.01	32.38 -3.96 0.00	30.84 -3.58 0.00	25.73 -2.89 0.00	22.85 -2.32 0.00	22.21 -1.49 0.00
DUNKIRK___3 23565	20.20 -1.61 0.00	19.06 -1.41 0.00	19.41 -1.48 0.00	19.62 -1.43 0.00	20.53 -1.45 0.00	23.77 -1.71 0.00	30.95 -2.26 0.00	31.20 -3.70 0.01	30.01 -2.79 0.00	26.40 -2.55 0.00	25.69 -2.70 0.00	24.53 -2.31 0.00	22.70 -2.25 0.00	21.74 -1.94 0.00	20.84 -2.01 0.00	21.09 -1.96 0.00	22.71 -2.66 0.00	27.70 -3.67 0.00	29.94 -4.32 0.01	32.53 -3.82 0.00	30.94 -3.48 0.00	25.81 -2.80 0.00	22.93 -2.24 0.00	22.26 -1.45 0.00
DUNKIRK___4 23566	20.20 -1.61 0.00	19.06 -1.41 0.00	19.41 -1.48 0.00	19.62 -1.43 0.00	20.53 -1.45 0.00	23.77 -1.71 0.00	30.95 -2.26 0.00	30.99 -3.91 0.01	29.84 -2.95 0.00	26.28 -2.66 0.00	25.55 -2.84 0.00	24.43 -2.42 0.00	22.58 -2.37 0.00	21.65 -2.04 0.00	20.73 -2.13 0.00	20.97 -2.07 0.00	22.61 -2.77 0.00	27.54 -3.83 0.00	29.80 -4.46 0.01	32.34 -4.00 0.00	30.81 -3.61 0.00	25.70 -2.92 0.00	22.83 -2.34 0.00	22.19 -1.52 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.21 1.40 0.00	21.70 1.23 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.33 2.41 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.07 1.68 0.00	28.51 1.66 0.00	26.49 1.55 0.00	25.10 1.42 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.00 1.62 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.25 2.91 0.00	37.07 2.65 0.00	30.28 1.66 0.00	26.55 1.38 0.00	24.96 1.26 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.99 1.18 0.00	21.51 1.04 0.00	21.72 0.84 0.00	21.79 0.74 0.00	22.68 0.70 0.00	26.35 0.87 0.00	34.87 1.66 0.00	36.98 2.06 0.00	34.73 1.93 0.00	30.28 1.33 0.00	29.64 1.25 0.00	28.08 1.23 0.00	26.09 1.15 0.00	24.73 1.04 0.00	23.90 1.05 0.00	24.11 1.06 0.00	26.59 1.22 0.00	33.25 1.88 0.00	36.40 2.12 0.00	38.74 2.40 0.00	36.62 2.20 0.00	29.99 1.37 0.00	26.28 1.11 0.00	24.70 1.00 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	23.42 1.59 -0.01	21.91 1.43 -0.01	22.09 1.19 -0.01	22.13 1.07 -0.01	22.99 1.01 0.00	26.42 0.94 0.00	34.93 1.73 0.00	37.08 2.16 0.00	35.03 2.23 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.45 1.61 0.00	26.49 1.55 0.00	25.10 1.42 0.00	24.25 1.39 0.00	24.45 1.41 0.00	26.92 1.55 0.00	33.75 2.38 0.00	36.84 2.57 0.00	39.14 2.80 0.00	36.90 2.48 0.00	30.11 1.49 0.00	26.58 1.41 0.00	25.13 1.42 0.00
E179THST_13_KV_LOAD 356214	23.52 1.70 -0.01	21.99 1.51 -0.01	22.15 1.25 -0.01	22.22 1.16 -0.01	23.06 1.08 0.00	26.53 1.04 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.19 2.39 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	37.01 2.74 0.00	39.36 3.02 0.00	37.07 2.65 0.00	30.22 1.60 0.00	26.68 1.51 0.00	25.22 1.52 0.00
EAST HAMPTON___GT 23717	23.76 1.94 0.00	22.27 1.80 0.00	22.46 1.57 0.00	22.48 1.43 0.00	23.50 1.52 0.00	27.27 1.78 0.00	36.20 2.99 0.00	38.41 3.49 0.00	36.47 3.67 0.00	31.78 2.84 0.00	31.06 2.64 -0.03	29.27 2.33 -0.09	27.01 2.07 0.00	25.48 1.80 0.00	24.73 1.87 0.00	25.05 2.00 0.00	28.02 2.64 -0.01	35.19 3.83 0.00	39.57 4.15 -1.16	43.00 4.51 -2.15	39.53 4.09 -1.01	34.69 2.81 -3.26	29.69 2.31 -2.20	26.06 2.11 -0.25
EAST RIVER___6 23660	23.04 1.22 0.00	21.70 1.23 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.39 2.59 0.00	30.80 1.85 0.00	30.12 1.73 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.22 1.54 0.00	24.32 1.46 0.00	24.54 1.50 0.00	27.08 1.70 0.00	33.91 2.54 0.00	36.87 2.60 0.00	39.25 2.91 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
EAST RIVER___7 23524	23.04 1.22 0.00	21.70 1.23 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.39 2.59 0.00	30.80 1.85 0.00	30.12 1.73 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.22 1.54 0.00	24.32 1.46 0.00	24.54 1.50 0.00	27.08 1.70 0.00	33.91 2.54 0.00	36.87 2.60 0.00	39.25 2.91 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.17 1.35 0.00	21.65 1.19 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.77 0.79 0.00	26.45 0.97 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.40 1.56 0.00	26.42 1.47 0.00	25.03 1.35 0.00	24.20 1.35 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.81 2.54 0.00	39.10 2.76 0.00	36.93 2.51 0.00	30.19 1.57 0.00	26.48 1.31 0.00	24.89 1.19 0.00
EAST_HAMPTON___DIESEL 23722	23.74 1.92 0.00	22.27 1.80 0.00	22.44 1.55 0.00	22.48 1.43 0.00	23.50 1.52 0.00	27.24 1.76 0.00	36.16 2.95 0.00	38.41 3.49 0.00	36.43 3.64 0.00	31.78 2.84 0.00	31.06 2.64 -0.03	29.27 2.33 -0.09	26.99 2.05 0.00	25.46 1.78 0.00	24.73 1.87 0.00	25.03 1.98 0.00	28.00 2.61 -0.01	35.16 3.79 0.00	39.54 4.11 -1.16	42.96 4.47 -2.15	39.53 4.09 -1.01	34.69 2.81 -3.26	29.69 2.31 -2.20	26.04 2.09 -0.25
EAST_PULASKI___ESR 323781	21.62 -0.20 0.00	20.20 -0.27 0.00	20.55 -0.34 0.00	20.69 -0.36 0.00	21.67 -0.31 0.00	25.15 -0.33 0.00	32.84 -0.36 0.00	34.50 -0.42 0.00	32.24 -0.56 0.00	28.34 -0.61 0.00	27.79 -0.60 0.00	26.28 -0.56 0.00	24.37 -0.57 0.00	23.09 -0.59 0.00	22.28 -0.57 0.00	22.43 -0.62 0.00	24.66 -0.71 0.00	30.50 -0.82 0.05	32.69 -0.65 0.93	34.57 -0.51 1.26	33.94 -0.48 0.00	28.22 -0.40 0.00	24.74 -0.43 0.00	23.32 -0.38 0.00
EAST_RIVER___1 323558	23.06 1.24 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.89 0.84 0.00	22.75 0.77 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.77 1.82 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.81 2.54 0.00	39.25 2.91 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.98 1.28 0.00
EAST_RIVER___2 323559	23.04 1.22 0.00	21.70 1.23 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.39 2.59 0.00	30.80 1.85 0.00	30.12 1.73 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.22 1.54 0.00	24.32 1.46 0.00	24.54 1.50 0.00	27.08 1.70 0.00	33.91 2.54 0.00	36.87 2.60 0.00	39.25 2.91 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
EAST___DELAWARE_HYD 23607	23.10 1.29 0.00	21.70 1.23 0.00	21.91 1.02 0.00	21.98 0.93 0.00	22.88 0.90 0.00	26.63 1.15 0.00	35.23 2.03 0.00	37.32 2.41 0.00	34.93 2.13 0.00	30.36 1.42 0.00	29.87 1.48 0.00	28.26 1.42 0.00	26.19 1.25 0.00	24.82 1.14 0.00	23.95 1.10 0.00	24.20 1.15 0.00	26.72 1.34 0.00	33.50 2.13 0.00	36.67 2.40 0.00	39.21 2.87 0.00	37.11 2.69 0.00	30.28 1.66 0.00	26.50 1.33 0.00	24.96 1.26 0.00
EIGHT_POINT___WT_PWR 323820	22.08 0.26 0.00	20.59 0.12 0.00	20.93 0.04 0.00	21.05 0.00 0.00	22.11 0.13 0.00	25.76 0.28 0.00	33.37 0.17 0.00	34.45 -0.49 -0.02	32.17 -0.62 0.00	28.13 -0.81 0.00	27.63 -0.77 0.00	26.12 -0.72 0.00	24.15 -0.80 0.00	22.85 -0.83 0.00	22.08 -0.78 0.00	22.22 -0.83 0.00	24.36 -1.02 0.00	30.14 -1.22 0.00	33.16 -1.13 -0.02	35.69 -0.65 0.00	33.87 -0.55 0.00	28.05 -0.57 0.00	24.59 -0.58 0.00	23.35 -0.35 0.00
ELBRIDGE_115KV_TB2 80188	21.73 -0.09 0.00	20.45 -0.02 0.00	20.78 -0.10 0.00	20.95 -0.11 0.00	21.91 -0.07 0.00	25.43 -0.05 0.00	33.14 -0.07 0.00	34.72 -0.21 -0.01	32.60 -0.20 0.00	28.68 -0.26 0.00	28.08 -0.31 0.00	26.55 -0.30 0.00	24.65 -0.30 0.00	23.40 -0.28 0.00	22.56 -0.30 0.00	22.75 -0.30 0.00	25.02 -0.36 0.00	30.90 -0.47 0.00	33.87 -0.41 -0.01	36.01 -0.33 0.00	34.11 -0.31 0.00	28.30 -0.31 0.00	24.87 -0.30 0.00	23.47 -0.24 0.00
ELEC_TRO_TEK 24086	23.49 1.68 0.00	21.92 1.45 0.00	22.08 1.19 0.00	22.10 1.05 0.00	23.06 1.08 0.00	26.76 1.27 0.00	35.40 2.19 0.00	37.61 2.69 0.00	35.48 2.69 0.00	31.03 2.08 0.00	30.59 2.04 -0.15	29.46 1.96 -0.65	26.74 1.80 0.00	25.29 1.61 0.00	24.45 1.60 0.00	24.73 1.68 0.00	27.30 1.93 0.00	34.16 2.79 0.00	38.51 3.08 -1.15	41.87 3.38 -2.14	38.52 3.10 -1.00	33.95 2.06 -3.27	29.59 1.74 -2.68	27.01 1.56 -1.74
ELLENBURG_WT_PWR 323604	-7.01 -1.57 27.25	-7.01 -1.45 26.02	-7.01 -1.27 26.62	-7.01 -1.20 26.86	-7.01 -1.28 27.71	-7.03 -1.53 30.98	-7.04 -2.22 38.02	-6.97 -2.31 39.59	-7.04 -2.03 37.80	-7.04 -1.56 34.42	-7.03 -1.53 33.89	-7.01 -1.48 32.37	-7.03 -1.40 30.58	-7.03 -1.35 29.36	-7.03 -1.35 28.53	-7.03 -1.38 28.69	-7.06 -1.47 30.96	-7.13 -2.01 36.49	-7.11 -2.19 39.18	-7.11 -2.43 41.02	-7.01 -2.27 39.16	-7.03 -1.60 34.05	-7.01 -1.33 30.84	-7.03 -1.33 29.41

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.89 -1.92 0.00	18.85 -1.62 0.00	19.18 -1.71 0.00	19.39 -1.66 0.00	20.31 -1.67 0.00	23.49 -1.99 0.00	30.42 -2.79 0.00	30.71 -4.19 0.02	29.48 -3.31 0.00	26.02 -2.92 0.00	25.35 -3.04 0.00	24.21 -2.63 0.00	22.40 -2.54 0.00	21.50 -2.18 0.00	20.57 -2.29 0.00	20.83 -2.21 0.00	22.46 -2.92 0.00	27.29 -4.08 0.00	29.59 -4.66 0.02	31.94 -4.40 0.00	30.39 -4.03 0.00	25.39 -3.23 0.00	22.55 -2.62 0.00	21.93 -1.78 0.00
EMPIRE_CC_1 323656	22.51 0.70 0.00	21.20 0.74 0.00	21.45 0.56 0.00	21.51 0.46 0.00	22.42 0.44 0.00	25.89 0.41 0.00	34.20 1.00 0.00	36.14 1.22 0.00	33.88 1.08 0.00	29.64 0.69 0.00	28.99 0.60 0.00	27.38 0.54 0.00	25.47 0.52 0.00	24.30 0.61 0.00	23.47 0.62 0.00	23.72 0.67 0.00	26.11 0.74 0.00	32.46 1.10 0.00	35.47 1.20 0.00	37.54 1.20 0.00	35.59 1.17 0.00	29.36 0.74 0.00	25.82 0.65 0.00	24.25 0.55 0.00
EMPIRE_CC_2 323658	22.51 0.70 0.00	21.20 0.74 0.00	21.45 0.56 0.00	21.51 0.46 0.00	22.42 0.44 0.00	25.89 0.41 0.00	34.20 1.00 0.00	36.14 1.22 0.00	33.88 1.08 0.00	29.64 0.69 0.00	28.99 0.60 0.00	27.38 0.54 0.00	25.47 0.52 0.00	24.30 0.61 0.00	23.47 0.62 0.00	23.72 0.67 0.00	26.11 0.74 0.00	32.46 1.10 0.00	35.47 1.20 0.00	37.54 1.20 0.00	35.59 1.17 0.00	29.36 0.74 0.00	25.82 0.65 0.00	24.25 0.55 0.00
ENORWICH_115KV_TB1 80156	23.47 1.66 0.00	21.94 1.47 0.00	22.31 1.42 0.00	22.46 1.41 0.00	23.56 1.58 0.00	27.50 2.01 0.00	36.33 3.12 0.00	38.31 3.39 0.00	35.71 2.92 0.00	30.97 2.03 0.00	30.21 1.82 0.00	28.45 1.61 0.00	26.32 1.37 0.00	24.94 1.26 0.00	23.95 1.10 0.00	24.13 1.08 0.00	26.59 1.22 0.00	33.19 1.82 0.00	36.74 2.47 0.00	39.61 3.27 0.00	37.48 3.06 0.00	30.91 2.29 0.00	26.98 1.81 0.00	25.46 1.75 0.00
ERIE_ST__34_KV_TB1-2 80199	20.55 -1.27 0.00	19.42 -1.04 0.00	19.76 -1.13 0.00	19.96 -1.09 0.00	20.92 -1.06 0.00	24.21 -1.27 0.00	31.48 -1.73 0.00	31.34 -3.56 0.01	30.37 -2.43 0.00	26.75 -2.20 0.00	26.09 -2.30 0.00	24.91 -1.93 0.00	23.05 -1.90 0.00	22.10 -1.59 0.00	21.19 -1.67 0.00	21.43 -1.61 0.00	23.09 -2.28 0.00	28.17 -3.20 0.00	30.14 -4.11 0.01	33.00 -3.34 0.00	31.39 -3.03 0.00	26.16 -2.46 0.00	23.23 -1.94 0.00	22.59 -1.11 0.00
ERIE_WT_PWR 323693	20.83 -0.98 0.00	19.02 -1.45 0.00	19.37 -1.52 0.00	19.56 -1.49 0.00	20.55 -1.43 0.00	23.70 -1.78 0.00	30.71 -2.49 0.00	31.03 -3.88 0.02	29.29 -3.51 0.00	26.17 -2.78 0.00	25.58 -2.81 0.00	24.43 -2.42 0.00	22.77 -2.17 0.00	21.67 -2.01 0.00	20.91 -1.94 0.00	21.04 -2.01 0.00	22.58 -2.79 0.00	27.51 -3.86 0.00	29.84 -4.42 0.02	32.23 -4.11 0.00	30.67 -3.75 0.00	25.64 -2.98 0.00	22.78 -2.39 0.00	22.14 -1.57 0.00
ESPRGFLD_115KV_TB1 80157	23.17 1.35 0.00	21.70 1.23 0.00	22.04 1.15 0.00	22.15 1.09 0.00	23.17 1.19 0.00	27.01 1.53 0.00	35.66 2.46 0.00	37.54 2.62 0.00	35.32 2.53 0.00	30.80 1.85 0.00	30.07 1.68 0.00	28.34 1.50 0.00	26.29 1.35 0.00	24.96 1.28 0.00	24.04 1.19 0.00	24.25 1.20 0.00	26.72 1.34 0.00	33.28 1.91 0.00	36.57 2.30 0.00	39.14 2.80 0.00	37.00 2.58 0.00	30.48 1.86 0.00	26.63 1.46 0.00	25.08 1.37 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.34 0.52 0.00	20.98 0.51 0.00	21.33 0.44 0.00	21.47 0.42 0.00	22.49 0.51 0.00	26.12 0.64 0.00	34.23 1.03 0.00	35.86 0.94 0.00	33.58 0.79 0.00	29.44 0.49 0.00	28.73 0.34 0.00	27.14 0.30 0.00	25.17 0.22 0.00	23.87 0.19 0.00	23.01 0.16 0.00	23.23 0.18 0.00	25.58 0.20 0.00	31.68 0.31 0.00	34.82 0.55 0.00	37.25 0.91 0.00	35.25 0.83 0.00	29.19 0.57 0.00	25.60 0.43 0.00	24.15 0.45 0.00
ETNA____115KV_TB2 80207	22.34 0.52 0.00	20.98 0.51 0.00	21.33 0.44 0.00	21.47 0.42 0.00	22.49 0.51 0.00	26.12 0.64 0.00	34.23 1.03 0.00	35.86 0.94 0.00	33.58 0.79 0.00	29.44 0.49 0.00	28.73 0.34 0.00	27.14 0.30 0.00	25.17 0.22 0.00	23.87 0.19 0.00	23.01 0.16 0.00	23.23 0.18 0.00	25.58 0.20 0.00	31.68 0.31 0.00	34.82 0.55 0.00	37.25 0.91 0.00	35.25 0.83 0.00	29.19 0.57 0.00	25.60 0.43 0.00	24.15 0.45 0.00
EUCLID___115KV_TB2 356179	21.57 -0.24 0.00	20.28 -0.18 0.00	20.62 -0.27 0.00	20.78 -0.27 0.00	21.74 -0.24 0.00	25.20 -0.28 0.00	32.77 -0.43 0.00	34.36 -0.56 0.00	32.24 -0.56 0.00	28.40 -0.55 0.00	27.88 -0.51 0.00	26.38 -0.46 0.00	24.50 -0.45 0.00	23.26 -0.43 0.00	22.44 -0.41 0.00	22.61 -0.44 0.00	24.84 -0.53 0.00	30.65 -0.72 0.00	33.55 -0.72 0.00	35.72 -0.62 0.00	33.80 -0.62 0.00	28.08 -0.54 0.00	24.69 -0.48 0.00	23.30 -0.40 0.00
E_CANADA_CAP_HY 24051	23.30 1.48 0.00	21.86 1.39 0.00	22.19 1.30 0.00	22.31 1.26 0.00	23.32 1.34 0.00	27.19 1.71 0.00	35.89 2.69 0.00	37.78 2.86 0.00	35.48 2.69 0.00	30.91 1.97 0.00	30.12 1.73 0.00	28.34 1.50 0.00	26.27 1.32 0.00	24.96 1.28 0.00	24.06 1.21 0.00	24.27 1.22 0.00	26.85 1.47 0.00	33.53 2.16 0.00	36.95 2.67 0.00	39.47 3.13 0.00	37.34 2.92 0.00	30.71 2.09 0.00	26.78 1.61 0.00	25.22 1.52 0.00
E_CANADA_MHWK_HY 24050	21.40 -0.42 0.00	20.08 -0.39 0.00	20.43 -0.46 0.00	20.55 -0.51 0.00	21.48 -0.50 0.00	24.92 -0.56 0.00	32.67 -0.53 0.00	34.43 -0.49 0.00	32.14 -0.66 0.00	28.19 -0.75 0.00	27.77 -0.62 0.00	26.28 -0.56 0.00	24.42 -0.53 0.00	23.19 -0.50 0.00	22.35 -0.50 0.00	22.56 -0.49 0.00	24.87 -0.51 0.00	30.87 -0.53 -0.04	34.51 -0.51 -0.76	36.93 -0.43 -1.02	34.01 -0.41 0.00	28.16 -0.46 0.00	24.72 -0.45 0.00	23.28 -0.43 0.00
E_FISHKILL___LBMP 23776	22.93 1.11 0.00	21.47 1.00 0.00	21.66 0.77 0.00	21.73 0.67 0.00	22.62 0.64 0.00	26.25 0.76 0.00	34.73 1.53 0.00	36.80 1.89 0.00	34.60 1.80 0.00	30.25 1.30 0.00	29.58 1.19 0.00	28.00 1.15 0.00	26.04 1.10 0.00	24.70 1.02 0.00	23.88 1.03 0.00	24.11 1.06 0.00	26.57 1.19 0.00	33.19 1.82 0.00	36.29 2.02 0.00	38.52 2.18 0.00	36.45 2.03 0.00	29.88 1.26 0.00	26.18 1.01 0.00	24.60 0.90 0.00
FALCON___SEABRD_CC1 323796	-7.06 -1.37 27.50	-7.06 -1.27 26.26	-7.06 -1.09 26.86	-7.06 -1.01 27.10	-7.06 -1.08 27.97	-7.06 -1.27 31.27	-7.06 -1.89 38.37	-7.06 -2.03 39.95	-7.06 -1.71 38.15	-7.03 -1.24 34.73	-7.06 -1.25 34.20	-7.06 -1.23 32.67	-7.06 -1.15 30.86	-7.06 -1.11 29.63	-7.06 -1.12 28.80	-7.06 -1.15 28.96	-7.06 -1.19 31.25	-7.27 -1.82 36.82	-7.09 -1.99 39.37	-7.00 -2.18 41.16	-7.02 -1.93 39.52	-7.03 -1.29 34.37	-7.04 -1.08 31.13	-7.04 -1.07 29.68
FALCON___SEABRD_CC2 323797	-7.06 -1.37 27.50	-7.06 -1.27 26.26	-7.06 -1.09 26.86	-7.06 -1.01 27.10	-7.06 -1.08 27.97	-7.06 -1.27 31.27	-7.06 -1.89 38.37	-7.06 -2.03 39.95	-7.06 -1.71 38.15	-7.03 -1.24 34.73	-7.06 -1.25 34.20	-7.06 -1.23 32.67	-7.06 -1.15 30.86	-7.06 -1.11 29.63	-7.06 -1.12 28.80	-7.06 -1.15 28.96	-7.06 -1.19 31.25	-7.27 -1.82 36.82	-7.09 -1.99 39.37	-7.00 -2.18 41.16	-7.02 -1.93 39.52	-7.03 -1.29 34.37	-7.04 -1.08 31.13	-7.04 -1.07 29.68

FAR ROCKAWAY___4 23548	23.78 1.96 0.00	22.17 1.70 0.00	22.33 1.44 0.00	22.38 1.33 0.00	23.32 1.34 0.00	27.09 1.61 0.00	35.83 2.62 0.00	38.06 3.14 0.00	35.88 3.08 0.00	31.41 2.46 0.00	31.10 2.38 -0.32	30.54 2.28 -1.42	27.07 2.12 0.00	25.60 1.92 0.00	24.73 1.87 0.00	24.98 1.94 0.00	27.61 2.23 0.00	34.53 3.17 0.00	38.95 3.53 -1.15	42.37 3.89 -2.14	39.00 3.58 -1.00	34.35 2.43 -3.30	30.56 2.04 -3.36	29.33 1.85 -3.78
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.25 1.44 0.00	21.74 1.27 0.00	21.89 1.00 0.00	21.94 0.88 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.33 2.41 0.00	35.22 2.43 0.00	30.77 1.82 0.00	30.15 1.76 0.00	28.61 1.77 0.00	26.62 1.67 0.00	25.22 1.54 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.07 1.70 0.00	33.91 2.54 0.00	37.05 2.78 0.00	39.32 2.98 0.00	37.11 2.68 0.00	30.28 1.66 0.00	26.61 1.43 0.00	25.03 1.33 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.25 1.44 0.00	21.74 1.27 0.00	21.89 1.00 0.00	21.94 0.88 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.77 1.82 0.00	30.15 1.76 0.00	28.61 1.77 0.00	26.59 1.65 0.00	25.22 1.54 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.07 1.70 0.00	33.91 2.54 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.28 1.66 0.00	26.61 1.43 0.00	25.01 1.30 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	24.98 1.28 0.00
FARRAGUT___LBMP 323566	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.89 0.84 0.00	22.77 0.79 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.57 1.62 0.00	25.18 1.49 0.00	24.32 1.46 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.98 2.71 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.98 1.28 0.00
FENNER___WINDPWR 24204	22.38 0.57 0.00	20.94 0.47 0.00	21.31 0.42 0.00	21.45 0.40 0.00	22.46 0.48 0.00	26.07 0.59 0.00	34.13 0.93 0.00	35.89 0.98 0.00	33.55 0.75 0.00	29.44 0.49 0.00	28.90 0.51 0.00	27.32 0.48 0.00	25.37 0.42 0.00	24.06 0.38 0.00	23.20 0.34 0.00	23.39 0.35 0.00	25.76 0.38 0.00	31.90 0.53 0.00	35.02 0.75 0.00	37.36 1.02 0.00	35.38 0.96 0.00	29.34 0.72 0.00	25.72 0.55 0.00	24.25 0.55 0.00
FIBERTEK___ENERGY 23856	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.92 0.00 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.28 -0.11 0.00	26.73 -0.11 0.00	24.82 -0.12 0.00	23.57 -0.12 0.00	22.72 -0.14 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.07 -0.21 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00
FITZPATRICK___ 23598	21.44 -0.37 0.00	20.08 -0.39 0.00	20.41 -0.48 0.00	20.57 -0.48 0.00	21.52 -0.46 0.00	24.92 -0.56 0.00	32.41 -0.80 0.00	33.98 -0.94 0.00	31.84 -0.95 0.00	28.08 -0.87 0.00	27.54 -0.85 0.00	26.04 -0.80 0.00	24.22 -0.72 0.00	22.97 -0.71 0.00	22.19 -0.66 0.00	22.36 -0.69 0.00	24.56 -0.81 0.00	30.27 -1.10 0.00	33.17 -1.10 0.00	35.29 -1.06 0.00	33.42 -1.00 0.00	27.76 -0.86 0.00	24.39 -0.78 0.00	23.02 -0.69 0.00
FLOWRFLD_69_KV_BK1 356044	23.76 1.94 0.00	22.11 1.64 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.25 1.27 0.00	26.96 1.48 0.00	35.66 2.46 0.00	37.89 2.97 0.00	36.01 3.21 0.00	31.49 2.55 0.00	30.80 2.38 -0.02	29.19 2.25 -0.10	26.97 2.02 0.00	25.48 1.80 0.00	24.68 1.83 0.00	25.05 2.01 0.00	27.76 2.39 0.00	34.75 3.39 0.00	39.19 3.77 -1.15	42.48 4.00 -2.14	39.11 3.68 -1.00	34.36 2.49 -3.25	29.46 2.09 -2.20	25.84 1.87 -0.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.19 1.37 0.00	21.70 1.23 0.00	21.91 1.02 0.00	21.96 0.91 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.03 2.23 0.00	30.51 1.56 0.00	29.84 1.45 0.00	28.24 1.40 0.00	26.24 1.30 0.00	24.87 1.18 0.00	24.04 1.19 0.00	24.25 1.20 0.00	26.77 1.40 0.00	33.53 2.16 0.00	36.70 2.43 0.00	39.07 2.73 0.00	36.97 2.55 0.00	30.22 1.60 0.00	26.45 1.28 0.00	24.89 1.19 0.00
FORT ORANGE___ 23900	22.80 0.98 0.00	21.45 0.98 0.00	21.70 0.81 0.00	21.79 0.74 0.00	22.75 0.77 0.00	26.37 0.89 0.00	34.83 1.63 0.00	36.77 1.85 0.00	34.43 1.64 0.00	30.10 1.16 0.00	29.44 1.05 0.00	27.78 0.94 0.00	25.79 0.85 0.00	24.56 0.88 0.00	23.72 0.87 0.00	23.92 0.88 0.00	26.42 1.04 0.00	32.90 1.54 0.00	36.02 1.75 0.00	38.23 1.89 0.00	36.21 1.79 0.00	29.88 1.26 0.00	26.15 0.98 0.00	24.60 0.90 0.00
FORT_DRUM_COGEN 23780	22.63 -0.35 -1.16	21.19 -0.39 -1.11	21.61 -0.42 -1.14	21.80 -0.40 -1.15	22.83 -0.33 -1.18	26.47 -0.33 -1.32	34.63 -0.20 -1.62	36.53 -0.07 -1.68	34.05 -0.36 -1.61	29.69 -0.72 -1.47	29.04 -0.79 -1.45	27.44 -0.78 -1.38	25.28 -0.97 -1.30	23.97 -0.97 -1.25	23.07 -1.01 -1.22	23.26 -1.01 -1.22	25.70 -0.99 -1.32	31.80 -0.94 -1.38	31.77 -0.55 1.96	33.07 -0.11 3.17	36.02 -0.07 -1.67	30.10 0.03 -1.45	26.34 -0.15 -1.32	24.75 -0.21 -1.25
FOX_HILLS___ESR 323835	23.52 1.70 -0.01	21.97 1.49 -0.01	22.13 1.23 -0.01	22.18 1.12 -0.01	23.04 1.06 0.00	26.58 1.10 0.00	35.03 1.83 0.00	37.22 2.30 0.00	35.19 2.39 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.61 1.77 0.00	26.64 1.70 0.00	25.27 1.59 0.00	24.41 1.55 0.00	24.61 1.57 0.00	27.13 1.75 0.00	33.97 2.60 0.00	37.08 2.81 0.00	39.43 3.09 0.00	37.17 2.75 0.00	30.39 1.77 0.00	26.88 1.71 0.00	25.32 1.61 -0.01
FPL_FAR_ROCK_GT1 24212	23.61 1.79 -0.01	22.17 1.70 -0.01	22.34 1.44 -0.01	22.38 1.33 -0.01	23.33 1.34 -0.01	27.09 1.61 -0.01	35.83 2.62 0.00	38.06 3.14 0.00	35.94 3.15 0.00	31.46 2.52 0.00	31.08 2.36 -0.33	30.52 2.25 -1.42	27.02 2.07 -0.01	25.60 1.92 0.00	24.70 1.85 0.00	24.96 1.91 0.00	27.62 2.23 -0.01	34.53 3.17 0.00	38.86 3.43 -1.16	42.38 3.89 -2.15	39.01 3.58 -1.01	34.36 2.43 -3.31	30.57 2.04 -3.36	29.33 1.85 -3.78
FPL_FAR_ROCK_GT2 23815	23.61 1.79 -0.01	22.17 1.70 -0.01	22.34 1.44 -0.01	22.38 1.33 -0.01	23.33 1.34 -0.01	27.09 1.61 -0.01	35.83 2.62 0.00	38.06 3.14 0.00	35.94 3.15 0.00	31.46 2.52 0.00	31.08 2.36 -0.33	30.52 2.25 -1.42	27.02 2.07 -0.01	25.60 1.92 0.00	24.70 1.85 0.00	24.96 1.91 0.00	27.62 2.23 -0.01	34.53 3.17 0.00	38.86 3.43 -1.16	42.38 3.89 -2.15	39.01 3.58 -1.01	34.36 2.43 -3.31	30.57 2.04 -3.36	29.33 1.85 -3.78

FRANKLIN_FALL_HYD 24054	39.40 -1.27 -18.85	37.22 -1.25 -18.00	38.24 -1.07 -18.42	38.67 -0.97 -18.58	40.14 -1.01 -19.17	45.70 -1.22 -21.44	57.69 -1.83 -26.31	60.45 -1.82 -27.35	57.26 -1.67 -26.14	51.57 -1.19 -23.81	50.71 -1.14 -23.45	48.11 -1.13 -22.40	45.05 -1.05 -21.16	42.96 -1.04 -20.31	41.54 -1.05 -19.74	41.78 -1.11 -19.84	45.64 -1.14 -21.41	53.86 -1.54 -24.03	35.39 -1.65 -2.77	29.91 -1.82 4.61	59.78 -1.72 -27.08	51.03 -1.14 -23.56	45.55 -0.96 -21.34	43.05 -1.00 -20.35
FREEPORT_EQUS_GT1 23764	23.47 1.66 0.00	22.05 1.58 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.19 1.21 0.00	26.91 1.43 0.00	35.60 2.39 0.00	37.81 2.90 0.00	35.78 2.98 0.00	31.29 2.34 0.00	30.72 2.19 -0.14	29.52 2.09 -0.58	26.84 1.89 0.00	25.44 1.75 0.00	24.57 1.71 0.00	24.82 1.77 0.00	27.52 2.13 -0.01	34.38 3.01 0.00	38.69 3.26 -1.16	42.16 3.67 -2.15	38.84 3.41 -1.01	34.16 2.26 -3.28	29.71 1.91 -2.63	26.99 1.73 -1.56
FREEPORT___CT2 23818	23.47 1.66 0.00	22.05 1.58 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.19 1.21 0.00	26.91 1.43 0.00	35.60 2.39 0.00	37.81 2.90 0.00	35.78 2.98 0.00	31.29 2.34 0.00	30.72 2.19 -0.14	29.52 2.09 -0.58	26.84 1.89 0.00	25.44 1.75 0.00	24.57 1.71 0.00	24.82 1.77 0.00	27.52 2.13 -0.01	34.38 3.01 0.00	38.69 3.26 -1.16	42.16 3.67 -2.15	38.84 3.41 -1.01	34.16 2.26 -3.28	29.71 1.91 -2.63	26.99 1.73 -1.56
FRESHKLS_33_KV_LOAD 356253	23.57 1.75 -0.01	22.01 1.54 -0.01	22.19 1.30 -0.01	22.24 1.18 -0.01	23.08 1.10 0.00	26.58 1.10 0.00	34.87 1.66 0.00	36.17 2.13 0.88	35.03 2.23 0.00	30.62 1.68 0.00	30.01 1.62 0.00	28.53 1.69 0.00	26.57 1.62 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.07 1.70 0.00	33.81 2.45 0.00	36.94 2.67 0.00	39.32 2.98 0.00	37.04 2.62 0.00	30.42 1.80 0.00	27.03 1.86 0.00	25.42 1.71 -0.01
FULTON COGEN____ 23766	21.53 -0.28 0.00	20.26 -0.20 0.00	20.60 -0.29 0.00	20.74 -0.32 0.00	21.69 -0.29 0.00	25.18 -0.31 0.00	32.81 -0.40 0.00	34.36 -0.56 0.00	32.24 -0.56 0.00	28.34 -0.61 0.00	27.80 -0.60 0.00	26.28 -0.56 0.00	24.40 -0.55 0.00	23.16 -0.52 0.00	22.33 -0.53 0.00	22.52 -0.53 0.00	24.77 -0.61 0.00	30.58 -0.78 0.00	33.52 -0.75 0.00	35.65 -0.69 0.00	33.77 -0.65 0.00	28.05 -0.57 0.00	24.62 -0.55 0.00	23.23 -0.47 0.00
FULTON___LFGE 323630	24.13 2.31 0.00	22.64 2.17 0.00	23.00 2.11 0.00	23.14 2.08 0.00	24.20 2.22 0.00	28.34 2.85 0.00	37.46 4.25 0.00	39.42 4.51 0.00	36.27 3.47 0.00	31.40 2.46 0.00	31.14 2.75 0.00	29.01 2.17 0.00	26.84 1.89 0.00	25.58 1.90 0.00	24.64 1.78 0.00	24.85 1.80 0.00	27.63 2.26 0.00	34.79 3.42 0.00	38.42 4.15 0.00	41.06 4.72 0.00	38.86 4.44 0.00	31.94 3.32 0.00	27.69 2.52 0.00	26.17 2.47 0.00
G.F.CEMENT___DRP 24184	23.10 1.29 0.00	21.68 1.21 0.00	21.98 1.09 0.00	22.06 1.01 0.00	23.06 1.08 0.00	26.86 1.38 0.00	35.50 2.29 0.00	37.50 2.58 0.00	35.16 2.36 0.00	30.74 1.79 0.00	30.10 1.70 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.89 1.21 0.00	24.00 1.14 0.00	24.18 1.13 0.00	26.75 1.37 0.00	33.41 2.04 0.00	36.67 2.40 0.00	38.96 2.62 0.00	36.90 2.48 0.00	30.37 1.75 0.00	26.45 1.28 0.00	24.89 1.19 0.00
GARDENVILLE___LBMP 24039	19.98 -1.83 0.00	18.93 -1.54 0.00	19.26 -1.63 0.00	19.47 -1.58 0.00	20.40 -1.58 0.00	23.60 -1.89 0.00	30.58 -2.62 0.00	30.82 -4.09 0.02	29.61 -3.18 0.00	26.14 -2.81 0.00	25.44 -2.95 0.00	24.29 -2.55 0.00	22.48 -2.47 0.00	21.55 -2.13 0.00	20.64 -2.22 0.00	20.88 -2.17 0.00	22.51 -2.87 0.00	27.41 -3.95 0.00	29.66 -4.59 0.02	32.09 -4.25 0.00	30.53 -3.89 0.00	25.50 -3.12 0.00	22.68 -2.49 0.00	22.02 -1.68 0.00
GARDNVLA_35_KV_LD 355827	20.09 -1.72 0.00	19.04 -1.43 0.00	19.36 -1.52 0.00	19.56 -1.49 0.00	20.51 -1.47 0.00	23.72 -1.76 0.00	30.75 -2.46 0.00	30.96 -3.95 0.01	29.81 -2.98 0.00	26.28 -2.66 0.00	25.61 -2.78 0.00	24.45 -2.39 0.00	22.62 -2.32 0.00	21.69 -1.99 0.00	20.77 -2.08 0.00	21.02 -2.03 0.00	22.66 -2.72 0.00	27.57 -3.80 0.00	29.80 -4.46 0.01	32.27 -4.07 0.00	30.70 -3.72 0.00	25.64 -2.98 0.00	22.80 -2.37 0.00	22.16 -1.54 0.00
GELCKHM___115KV_LOAD 80723	21.66 -0.15 0.00	20.39 -0.08 0.00	20.72 -0.17 0.00	20.86 -0.19 0.00	21.83 -0.15 0.00	25.33 -0.15 0.00	32.97 -0.23 0.00	34.57 -0.35 0.00	32.43 -0.36 0.00	28.57 -0.38 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.62 -0.32 0.00	23.38 -0.31 0.00	22.53 -0.32 0.00	22.72 -0.32 0.00	24.97 -0.41 0.00	30.80 -0.56 0.00	33.76 -0.51 0.00	35.91 -0.44 0.00	34.01 -0.41 0.00	28.22 -0.40 0.00	24.79 -0.38 0.00	23.40 -0.31 0.00
GENERAL___MILLS 23808	20.07 -1.75 0.00	19.01 -1.45 0.00	19.34 -1.55 0.00	19.54 -1.52 0.00	20.49 -1.49 0.00	23.67 -1.81 0.00	30.68 -2.52 0.00	30.89 -4.02 0.02	29.75 -3.05 0.00	26.22 -2.72 0.00	25.55 -2.84 0.00	24.40 -2.44 0.00	22.55 -2.39 0.00	21.65 -2.04 0.00	20.73 -2.13 0.00	20.97 -2.07 0.00	22.61 -2.77 0.00	27.51 -3.86 0.00	29.73 -4.52 0.02	32.20 -4.14 0.00	30.63 -3.79 0.00	25.59 -3.03 0.00	22.75 -2.42 0.00	22.12 -1.59 0.00
GE_PLASTICS___DRP 24183	22.64 0.83 0.00	21.25 0.78 0.00	21.54 0.65 0.00	21.62 0.57 0.00	22.55 0.57 0.00	26.14 0.66 0.00	34.43 1.23 0.00	36.35 1.43 0.00	34.07 1.28 0.00	29.87 0.93 0.00	29.22 0.82 0.00	27.59 0.75 0.00	25.64 0.70 0.00	24.39 0.71 0.00	23.56 0.71 0.00	23.76 0.71 0.00	26.19 0.81 0.00	32.59 1.22 0.00	35.64 1.37 0.00	37.80 1.45 0.00	35.83 1.41 0.00	29.56 0.94 0.00	25.93 0.76 0.00	24.37 0.66 0.00
GILBOA___1 23756	22.45 0.63 0.00	21.08 0.61 0.00	21.37 0.48 0.00	21.45 0.40 0.00	22.38 0.40 0.00	25.96 0.48 0.00	34.17 0.96 0.00	36.07 1.15 0.00	33.88 1.08 0.00	29.67 0.72 0.00	29.05 0.65 0.00	27.46 0.62 0.00	25.52 0.57 0.00	24.25 0.57 0.00	23.42 0.57 0.00	23.62 0.58 0.00	26.03 0.66 0.00	32.40 1.03 0.00	35.40 1.13 0.00	37.54 1.20 0.00	35.55 1.13 0.00	29.36 0.74 0.00	25.75 0.58 0.00	24.22 0.52 0.00
GILBOA___2 23757	22.45 0.63 0.00	21.08 0.61 0.00	21.37 0.48 0.00	21.45 0.40 0.00	22.38 0.40 0.00	25.96 0.48 0.00	34.17 0.96 0.00	36.07 1.15 0.00	33.88 1.08 0.00	29.67 0.72 0.00	29.05 0.65 0.00	27.46 0.62 0.00	25.52 0.57 0.00	24.25 0.57 0.00	23.42 0.57 0.00	23.62 0.58 0.00	26.03 0.66 0.00	32.40 1.03 0.00	35.40 1.13 0.00	37.54 1.20 0.00	35.55 1.13 0.00	29.36 0.74 0.00	25.75 0.58 0.00	24.22 0.52 0.00
GILBOA___3 23758	22.45 0.63 0.00	21.08 0.61 0.00	21.37 0.48 0.00	21.45 0.40 0.00	22.38 0.40 0.00	25.96 0.48 0.00	34.17 0.96 0.00	36.07 1.15 0.00	33.88 1.08 0.00	29.67 0.72 0.00	29.05 0.65 0.00	27.46 0.62 0.00	25.52 0.57 0.00	24.25 0.57 0.00	23.42 0.57 0.00	23.62 0.58 0.00	26.03 0.66 0.00	32.40 1.03 0.00	35.40 1.13 0.00	37.54 1.20 0.00	35.55 1.13 0.00	29.36 0.74 0.00	25.75 0.58 0.00	24.22 0.52 0.00

GILBOA___4 23759	22.45 0.63 0.00	21.08 0.61 0.00	21.37 0.48 0.00	21.45 0.40 0.00	22.38 0.40 0.00	25.96 0.48 0.00	34.17 0.96 0.00	36.07 1.15 0.00	33.88 1.08 0.00	29.67 0.72 0.00	29.05 0.65 0.00	27.46 0.62 0.00	25.52 0.57 0.00	24.25 0.57 0.00	23.42 0.57 0.00	23.62 0.58 0.00	26.03 0.66 0.00	32.40 1.03 0.00	35.40 1.13 0.00	37.54 1.20 0.00	35.55 1.13 0.00	29.36 0.74 0.00	25.75 0.58 0.00	24.22 0.52 0.00
GILBOA____ 23599	22.49 0.68 0.00	21.08 0.61 0.00	21.37 0.48 0.00	21.45 0.40 0.00	22.38 0.40 0.00	25.97 0.48 0.00	34.17 0.96 0.00	36.07 1.15 0.00	33.84 1.05 0.00	29.67 0.72 0.00	29.04 0.65 0.00	27.46 0.62 0.00	25.54 0.60 0.00	24.25 0.57 0.00	23.42 0.57 0.00	23.62 0.58 0.00	26.03 0.66 0.00	32.40 1.04 0.00	35.37 1.10 0.00	37.54 1.20 0.00	35.56 1.14 0.00	29.36 0.74 0.00	25.75 0.58 0.00	24.23 0.52 0.00
GINNA____ 23603	20.18 -1.64 0.00	18.71 -1.76 0.00	19.03 -1.86 0.00	19.22 -1.83 0.00	20.18 -1.80 0.00	23.39 -2.09 0.00	30.38 -2.82 0.00	31.78 -3.11 0.03	29.75 -3.05 0.00	26.28 -2.66 0.00	25.72 -2.67 0.00	24.37 -2.47 0.00	22.70 -2.25 0.00	21.55 -2.13 0.00	20.80 -2.06 0.00	20.93 -2.12 0.00	22.81 -2.56 0.00	28.07 -3.29 0.00	30.95 -3.29 0.03	32.92 -3.42 0.00	31.22 -3.20 0.00	25.87 -2.75 0.00	22.73 -2.44 0.00	21.57 -2.13 0.00
GLEN PARK____ 23778	22.68 -0.24 -1.10	21.17 -0.35 -1.05	21.59 -0.38 -1.08	21.78 -0.36 -1.09	22.82 -0.29 -1.12	26.48 -0.25 -1.25	34.65 -0.10 -1.54	36.59 0.07 -1.60	34.03 -0.30 -1.53	29.64 -0.69 -1.39	28.97 -0.79 -1.37	27.37 -0.78 -1.31	25.24 -0.95 -1.24	23.90 -0.97 -1.19	23.00 -1.01 -1.16	23.17 -1.04 -1.16	25.66 -0.96 -1.25	31.76 -0.91 -1.31	31.97 -0.45 1.85	33.42 0.07 3.00	36.11 0.10 -1.58	30.14 0.14 -1.38	26.34 -0.08 -1.25	24.75 -0.14 -1.19
GLENDALE_27_KV_LOAD 356172	23.44 1.61 -0.01	21.91 1.43 -0.01	22.07 1.17 -0.01	22.11 1.05 -0.01	22.97 0.99 0.00	26.58 1.10 0.00	35.23 2.03 0.00	37.40 2.48 0.00	35.35 2.56 0.00	30.86 1.91 0.00	30.24 1.85 0.00	28.69 1.85 0.00	26.72 1.77 0.00	25.32 1.63 0.00	24.45 1.60 0.00	24.66 1.61 0.00	27.18 1.80 0.00	34.03 2.67 0.00	37.18 2.91 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.76 1.59 0.00	25.20 1.49 0.00
GLENWOOD_IC_1_G5 23712	23.67 1.85 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.23 1.25 0.00	26.96 1.48 0.00	35.73 2.52 0.00	37.96 3.04 0.00	35.84 3.05 0.00	31.35 2.40 0.00	30.85 2.36 -0.10	29.54 2.25 -0.44	27.02 2.07 0.00	25.53 1.85 0.00	24.66 1.81 0.00	24.94 1.89 0.00	27.56 2.18 0.00	34.47 3.11 0.00	38.88 3.46 -1.15	42.30 3.82 -2.14	38.94 3.51 -1.00	34.26 2.38 -3.27	29.63 1.96 -2.50	26.67 1.80 -1.17
GLENWOOD_IC_2_G1 23688	23.45 1.64 0.00	22.02 1.55 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.17 1.19 0.00	26.91 1.43 0.00	35.63 2.42 0.00	37.85 2.93 0.00	35.81 3.02 0.00	31.32 2.37 0.00	30.70 2.24 -0.07	29.26 2.15 -0.27	26.89 1.95 0.00	25.46 1.78 0.00	24.59 1.74 0.00	24.85 1.80 0.00	27.49 2.10 -0.01	34.38 3.01 0.00	38.69 3.26 -1.16	42.20 3.71 -2.15	38.84 3.41 -1.01	34.18 2.29 -3.27	29.44 1.91 -2.36	26.19 1.75 -0.73
GLENWOOD_IC_3_G1 23689	23.45 1.64 0.00	22.02 1.55 0.00	22.21 1.32 0.00	22.23 1.18 0.00	23.17 1.19 0.00	26.91 1.43 0.00	35.63 2.42 0.00	37.85 2.93 0.00	35.81 3.02 0.00	31.32 2.37 0.00	30.70 2.24 -0.07	29.26 2.15 -0.27	26.89 1.95 0.00	25.46 1.78 0.00	24.59 1.74 0.00	24.85 1.80 0.00	27.49 2.10 -0.01	34.38 3.01 0.00	38.69 3.26 -1.16	42.20 3.71 -2.15	38.84 3.41 -1.01	34.18 2.29 -3.27	29.44 1.91 -2.36	26.19 1.75 -0.73
GLENWOOD___4 23550	23.67 1.85 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.23 1.25 0.00	26.96 1.48 0.00	35.73 2.52 0.00	37.96 3.04 0.00	35.84 3.05 0.00	31.35 2.40 0.00	30.85 2.36 -0.10	29.54 2.25 -0.44	27.02 2.07 0.00	25.53 1.85 0.00	24.66 1.81 0.00	24.94 1.89 0.00	27.56 2.18 0.00	34.47 3.11 0.00	38.88 3.46 -1.15	42.30 3.82 -2.14	38.94 3.51 -1.00	34.26 2.38 -3.27	29.63 1.96 -2.50	26.67 1.80 -1.17
GLENWOOD___5 23614	23.67 1.85 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.23 1.25 0.00	26.96 1.48 0.00	35.73 2.52 0.00	37.96 3.04 0.00	35.84 3.05 0.00	31.35 2.40 0.00	30.85 2.36 -0.10	29.54 2.25 -0.44	27.02 2.07 0.00	25.53 1.85 0.00	24.66 1.81 0.00	24.94 1.89 0.00	27.56 2.18 0.00	34.47 3.11 0.00	38.88 3.46 -1.15	42.30 3.82 -2.14	38.94 3.51 -1.00	34.26 2.38 -3.27	29.63 1.96 -2.50	26.67 1.80 -1.17
GLOBAL GREEN_PORT_GT1 23814	23.80 1.98 0.00	22.31 1.84 0.00	22.48 1.59 0.00	22.50 1.45 0.00	23.52 1.54 0.00	27.29 1.81 0.00	36.23 3.02 0.00	38.44 3.53 0.00	36.47 3.67 0.00	31.78 2.84 0.00	31.12 2.70 -0.03	29.32 2.39 -0.09	27.06 2.12 0.00	25.55 1.87 0.00	24.79 1.94 0.00	25.12 2.08 0.00	28.10 2.72 -0.01	35.29 3.92 0.00	39.68 4.25 -1.16	43.11 4.62 -2.15	39.63 4.20 -1.01	34.77 2.89 -3.26	29.76 2.39 -2.20	26.11 2.16 -0.25
GLOBE___DSASP 323697	19.09 -2.73 0.00	18.11 -2.35 0.00	18.45 -2.44 0.00	18.63 -2.42 0.00	19.54 -2.44 0.00	22.58 -2.90 0.00	29.09 -4.12 0.00	29.59 -5.31 0.02	28.27 -4.53 0.00	25.01 -3.94 0.00	24.33 -4.06 0.00	23.27 -3.57 0.00	21.58 -3.37 0.00	20.75 -2.94 0.00	19.84 -3.02 0.00	20.10 -2.95 0.00	21.64 -3.73 0.00	26.25 -5.11 0.00	28.56 -5.69 0.02	30.60 -5.74 0.00	29.09 -5.34 0.00	24.33 -4.29 0.00	21.65 -3.52 0.00	21.03 -2.68 0.00
GOETHSLN___LBMP 323567	23.10 1.29 0.00	21.59 1.13 0.00	21.75 0.86 0.00	21.77 0.72 0.00	22.64 0.66 0.00	26.30 0.82 0.00	34.90 1.69 0.00	36.17 2.13 0.87	34.99 2.20 0.00	30.57 1.62 0.00	29.95 1.56 0.00	28.45 1.61 0.00	26.44 1.50 0.00	25.06 1.37 0.00	24.22 1.37 0.00	24.43 1.38 0.00	26.92 1.55 0.00	33.69 2.32 0.00	36.77 2.50 0.00	39.03 2.69 0.00	36.80 2.38 0.00	30.08 1.46 0.00	26.43 1.26 0.00	24.84 1.14 0.00
GOLAH___69_KV_TB 1_2 80279	20.53 -1.29 0.00	19.42 -1.04 0.00	19.78 -1.11 0.00	20.00 -1.05 0.00	20.97 -1.01 0.00	24.36 -1.12 0.00	31.58 -1.63 0.00	32.66 -2.23 0.02	30.86 -1.93 0.00	27.12 -1.82 0.00	26.46 -1.93 0.00	25.10 -1.74 0.00	23.27 -1.67 0.00	22.26 -1.42 0.00	21.35 -1.51 0.00	21.57 -1.48 0.00	23.45 -1.93 0.00	28.73 -2.63 0.00	31.57 -2.67 0.02	33.76 -2.58 0.00	32.05 -2.38 0.00	26.64 -1.97 0.00	23.48 -1.69 0.00	22.47 -1.23 0.00
GOODYEAR_LAKE_HYD 323669	22.93 1.11 0.00	21.47 1.00 0.00	21.79 0.90 0.00	21.89 0.84 0.00	22.88 0.90 0.00	26.63 1.15 0.00	35.13 1.93 0.00	37.01 2.10 0.00	34.80 2.00 0.00	30.42 1.48 0.00	29.75 1.36 0.00	28.13 1.29 0.00	26.12 1.17 0.00	24.77 1.09 0.00	23.86 1.01 0.00	24.06 1.01 0.00	26.49 1.12 0.00	32.94 1.57 0.00	36.09 1.82 0.00	38.52 2.18 0.00	36.42 2.00 0.00	30.02 1.40 0.00	26.30 1.13 0.00	24.77 1.07 0.00

GOUDEY___1 345031	22.08 0.26 0.00	20.71 0.25 0.00	21.06 0.17 0.00	21.18 0.13 0.00	22.18 0.20 0.00	25.74 0.25 0.00	33.70 0.50 0.00	35.48 0.56 -0.01	33.35 0.56 0.00	29.23 0.29 0.00	28.65 0.26 0.00	27.08 0.24 0.00	25.14 0.20 0.00	23.87 0.19 0.00	23.04 0.18 0.00	23.23 0.18 0.00	25.50 0.13 0.00	31.56 0.19 0.00	34.55 0.27 -0.01	36.92 0.58 0.00	34.94 0.52 0.00	28.93 0.31 0.00	25.40 0.23 0.00	24.04 0.33 0.00
GOUDEY___7 23579	22.10 0.28 0.00	20.73 0.27 0.00	21.08 0.19 0.00	21.20 0.15 0.00	22.20 0.22 0.00	25.76 0.28 0.00	33.77 0.56 0.00	35.52 0.59 -0.01	33.39 0.59 0.00	29.29 0.35 0.00	28.68 0.28 0.00	27.11 0.27 0.00	25.17 0.22 0.00	23.90 0.21 0.00	23.06 0.21 0.00	23.25 0.21 0.00	25.53 0.15 0.00	31.59 0.22 0.00	34.59 0.31 -0.01	36.96 0.62 0.00	34.97 0.55 0.00	28.96 0.34 0.00	25.45 0.28 0.00	24.06 0.36 0.00
GOUDEY___8 23580	22.08 0.26 0.00	20.71 0.25 0.00	21.06 0.17 0.00	21.18 0.13 0.00	22.18 0.20 0.00	25.74 0.25 0.00	33.70 0.50 0.00	35.48 0.56 -0.01	33.35 0.56 0.00	29.23 0.29 0.00	28.65 0.26 0.00	27.08 0.24 0.00	25.14 0.20 0.00	23.87 0.19 0.00	23.04 0.18 0.00	23.23 0.18 0.00	25.50 0.13 0.00	31.56 0.19 0.00	34.55 0.27 -0.01	36.92 0.58 0.00	34.94 0.52 0.00	28.93 0.31 0.00	25.40 0.23 0.00	24.04 0.33 0.00
GOWANUS_GT1_1 24077	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_2 24078	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_3 24079	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_4 24080	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_5 24084	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_6 24111	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_7 24112	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT1_8 24113	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_1 24114	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_2 24115	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_3 24116	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_4 24117	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01

GOWANUS_GT2_5 24118	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_6 24119	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_7 24120	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT2_8 24121	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_1 24122	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_2 24123	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_3 24124	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_4 24125	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_5 24126	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_6 24127	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_7 24128	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT3_8 24129	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_1 24130	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_2 24131	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_3 24132	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01

GOWANUS_GT4_4 24133	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_5 24134	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_6 24135	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_7 24136	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GOWANUS_GT4_8 24137	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GREENBSH_115KV_TB3 55895	22.75 0.94 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.67 1.46 0.00	36.59 1.68 0.00	34.27 1.48 0.00	30.02 1.07 0.00	29.39 0.99 0.00	27.73 0.89 0.00	25.79 0.85 0.00	24.54 0.85 0.00	23.70 0.85 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.92 1.65 0.00	38.05 1.71 0.00	36.04 1.62 0.00	29.74 1.12 0.00	26.05 0.88 0.00	24.51 0.81 0.00
GREENDGE_115KV_TB5 80291	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.11 0.13 0.00	25.74 0.25 0.00	33.74 0.53 0.00	34.74 -0.24 -0.07	32.70 -0.10 0.00	28.63 -0.32 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.57 -0.37 0.00	23.33 -0.36 0.00	22.46 -0.39 0.00	22.66 -0.39 0.00	24.84 -0.53 0.00	30.68 -0.69 0.00	33.83 -0.51 -0.07	35.98 -0.36 0.00	34.18 -0.24 0.00	28.36 -0.26 0.00	24.89 -0.28 0.00	23.59 -0.12 0.00
GREENIDGE___3 23582	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.11 0.13 0.00	25.74 0.25 0.00	33.74 0.53 0.00	34.74 -0.24 -0.07	32.70 -0.10 0.00	28.63 -0.32 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.57 -0.37 0.00	23.33 -0.36 0.00	22.46 -0.39 0.00	22.66 -0.39 0.00	24.84 -0.53 0.00	30.68 -0.69 0.00	33.83 -0.51 -0.07	35.98 -0.36 0.00	34.18 -0.24 0.00	28.36 -0.26 0.00	24.89 -0.28 0.00	23.59 -0.12 0.00
GREENIDGE___4 23583	22.08 0.26 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.11 0.13 0.00	25.74 0.25 0.00	33.74 0.53 0.00	34.88 -0.10 -0.07	32.57 -0.23 0.00	28.60 -0.35 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.62 -0.32 0.00	23.33 -0.35 0.00	22.51 -0.34 0.00	22.68 -0.37 0.00	24.84 -0.53 0.00	30.68 -0.69 0.00	33.86 -0.48 -0.07	35.98 -0.36 0.00	34.18 -0.24 0.00	28.36 -0.26 0.00	24.89 -0.28 0.00	23.59 -0.12 0.00
GREENLWN_69_KV_BK 3 55738	23.69 1.88 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.23 1.25 0.00	26.96 1.48 0.00	35.66 2.46 0.00	37.89 2.97 0.00	35.81 3.02 0.00	31.35 2.40 0.00	30.77 2.36 -0.03	29.18 2.23 -0.11	26.99 2.05 0.00	25.51 1.82 0.00	24.68 1.83 0.00	24.96 1.91 0.00	27.61 2.23 0.00	34.53 3.17 0.00	38.95 3.53 -1.15	42.34 3.85 -2.14	38.94 3.51 -1.00	34.25 2.38 -3.26	29.39 2.01 -2.21	25.83 1.83 -0.30
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
GRISSOM___SOLAR 323813	24.13 2.31 0.00	22.64 2.17 0.00	23.00 2.11 0.00	23.14 2.08 0.00	24.20 2.22 0.00	28.34 2.85 0.00	37.46 4.25 0.00	39.42 4.51 0.00	36.27 3.47 0.00	31.40 2.46 0.00	31.14 2.75 0.00	29.01 2.17 0.00	26.84 1.89 0.00	25.58 1.90 0.00	24.64 1.78 0.00	24.85 1.80 0.00	27.63 2.26 0.00	34.79 3.42 0.00	38.42 4.15 0.00	41.06 4.72 0.00	38.86 4.44 0.00	31.94 3.32 0.00	27.69 2.52 0.00	26.17 2.47 0.00
GROVEVILLE___HYD 323602	23.19 1.37 0.00	21.70 1.23 0.00	21.91 1.02 0.00	21.96 0.91 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.03 2.23 0.00	30.51 1.56 0.00	29.84 1.45 0.00	28.24 1.40 0.00	26.24 1.30 0.00	24.87 1.18 0.00	24.04 1.19 0.00	24.25 1.20 0.00	26.77 1.40 0.00	33.53 2.16 0.00	36.70 2.43 0.00	39.07 2.73 0.00	36.97 2.55 0.00	30.22 1.60 0.00	26.45 1.28 0.00	24.89 1.19 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.92 0.00 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.28 -0.11 0.00	26.73 -0.11 0.00	24.82 -0.12 0.00	23.57 -0.12 0.00	22.72 -0.14 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.07 -0.21 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00
HAMLTNNY_34_KV_TB 80303	21.79 -0.02 0.00	20.51 0.04 0.00	20.85 -0.04 0.00	21.01 -0.04 0.00	21.98 0.00 0.00	25.51 0.03 0.00	33.27 0.07 0.00	34.89 -0.03 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.19 -0.20 0.00	26.68 -0.16 0.00	24.75 -0.20 0.00	23.52 -0.17 0.00	22.65 -0.21 0.00	22.84 -0.21 0.00	25.10 -0.28 0.00	30.99 -0.38 0.00	34.00 -0.27 -0.01	36.16 -0.18 0.00	34.25 -0.17 0.00	28.39 -0.23 0.00	24.94 -0.23 0.00	23.54 -0.17 0.00

HAMPSHIRE___PAPER_HYD 323593	23.78 -0.92 -2.88	22.32 -0.90 -2.75	22.89 -0.82 -2.82	23.14 -0.76 -2.84	24.14 -0.77 -2.93	27.84 -0.92 -3.28	36.03 -1.19 -4.02	37.97 -1.12 -4.17	35.61 -1.18 -3.99	31.52 -1.07 -3.64	30.90 -1.08 -3.59	29.22 -1.05 -3.42	27.03 -1.15 -3.23	25.65 -1.14 -3.11	24.68 -1.19 -3.02	24.86 -1.22 -3.03	27.40 -1.24 -3.27	33.27 -1.47 -3.38	27.46 -1.41 5.41	26.43 -1.31 8.60	37.39 -1.17 -4.14	31.51 -0.71 -3.60	27.73 -0.70 -3.26	26.08 -0.73 -3.11
HARDSCRABBLE_WT_PWR 323673	21.33 -0.48 0.00	20.02 -0.45 0.00	20.35 -0.54 0.00	20.48 -0.57 0.00	21.39 -0.59 0.00	24.82 -0.66 0.00	32.54 -0.66 0.00	34.36 -0.56 0.00	32.11 -0.69 0.00	28.13 -0.81 0.00	27.71 -0.68 0.00	26.23 -0.62 0.00	24.37 -0.57 0.00	23.14 -0.54 0.00	22.28 -0.57 0.00	22.52 -0.53 0.00	24.79 -0.58 0.00	30.78 -0.63 -0.04	34.41 -0.62 -0.76	36.78 -0.58 -1.02	33.91 -0.52 0.00	28.07 -0.54 0.00	24.64 -0.53 0.00	23.20 -0.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.08 1.27 0.00	21.59 1.13 0.00	21.79 0.90 0.00	21.85 0.80 0.00	22.75 0.77 0.00	26.45 0.97 0.00	35.00 1.79 0.00	37.15 2.23 0.00	34.86 2.07 0.00	30.36 1.42 0.00	29.78 1.39 0.00	28.24 1.40 0.00	26.22 1.27 0.00	24.84 1.16 0.00	24.04 1.19 0.00	24.25 1.20 0.00	26.75 1.37 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.99 2.65 0.00	36.83 2.41 0.00	30.11 1.49 0.00	26.38 1.21 0.00	24.79 1.09 0.00
HARSNRAD_115KV_TB1 81005	19.52 -2.29 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.00 -1.98 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.26 -4.64 0.02	28.96 -3.84 0.00	25.56 -3.39 0.00	24.87 -3.52 0.00	23.78 -3.06 0.00	22.00 -2.94 0.00	21.15 -2.53 0.00	20.23 -2.63 0.00	20.49 -2.56 0.00	22.08 -3.30 0.00	26.82 -4.55 0.00	29.22 -5.04 0.02	31.44 -4.91 0.00	29.88 -4.54 0.00	24.96 -3.66 0.00	22.18 -3.00 0.00	21.55 -2.16 0.00
HARZA MOOSE___RIVER 24016	22.84 0.22 -0.81	21.40 0.16 -0.77	21.83 0.15 -0.79	21.97 0.13 -0.80	22.98 0.18 -0.82	26.66 0.25 -0.92	34.90 0.56 -1.13	36.82 0.73 -1.17	34.34 0.43 -1.12	30.08 0.12 -1.02	29.57 0.17 -1.01	27.96 0.16 -0.96	25.75 -0.10 -0.91	24.46 -0.09 -0.87	23.56 -0.14 -0.85	23.76 -0.14 -0.85	26.22 -0.08 -0.92	32.41 0.06 -0.98	33.64 0.31 0.94	35.32 0.62 1.63	36.17 0.59 -1.16	30.23 0.60 -1.01	26.49 0.40 -0.92	24.91 0.33 -0.87
HDSNBRDG_115KV_BRDG_TB1 355580	21.68 -0.13 0.00	20.41 -0.06 0.00	20.74 -0.15 0.00	20.88 -0.17 0.00	21.85 -0.13 0.00	25.33 -0.15 0.00	32.97 -0.23 0.00	34.53 -0.38 0.00	32.43 -0.36 0.00	28.57 -0.38 0.00	28.05 -0.34 0.00	26.52 -0.32 0.00	24.65 -0.30 0.00	23.40 -0.28 0.00	22.56 -0.30 0.00	22.75 -0.30 0.00	24.99 -0.38 0.00	30.80 -0.56 0.00	33.72 -0.55 0.00	35.91 -0.44 0.00	33.97 -0.45 0.00	28.25 -0.37 0.00	24.82 -0.35 0.00	23.42 -0.28 0.00
HELLGATE_13_KV_LD 55870	23.37 1.55 -0.01	21.85 1.37 -0.01	22.03 1.13 -0.01	22.07 1.01 -0.01	22.93 0.95 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.37 1.55 -0.01	21.85 1.37 -0.01	22.03 1.13 -0.01	22.07 1.01 -0.01	22.93 0.95 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.22 2.30 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
HEMPSTEAD____ 23647	23.37 1.55 0.00	21.94 1.47 0.00	22.10 1.21 0.00	22.15 1.09 0.00	23.08 1.10 0.00	26.78 1.30 0.00	35.43 2.23 0.00	37.68 2.76 0.00	35.65 2.85 0.00	31.17 2.23 0.00	30.58 2.07 -0.12	29.30 1.99 -0.48	26.74 1.80 0.00	25.32 1.63 0.00	24.45 1.60 0.00	24.71 1.66 0.00	27.39 2.00 -0.01	34.22 2.85 0.00	38.52 3.09 -1.16	41.98 3.49 -2.15	38.63 3.20 -1.01	34.01 2.12 -3.28	29.47 1.76 -2.54	26.59 1.61 -1.27
HEWLETT__69_KV_BK3 55828	23.67 1.85 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.29 1.24 0.00	23.23 1.25 0.00	26.96 1.48 0.00	35.66 2.46 0.00	37.89 2.97 0.00	35.71 2.92 0.00	31.26 2.32 0.00	30.96 2.24 -0.32	30.41 2.15 -1.42	26.97 2.02 0.00	25.51 1.82 0.00	24.64 1.78 0.00	24.91 1.87 0.00	27.51 2.13 0.00	34.41 3.04 0.00	38.81 3.39 -1.15	42.19 3.71 -2.14	38.83 3.41 -1.00	34.21 2.29 -3.30	30.44 1.91 -3.36	29.24 1.75 -3.78
HICKLING___1 23621	22.12 0.31 0.00	20.77 0.31 0.00	21.14 0.25 0.00	21.26 0.21 0.00	22.31 0.33 0.00	25.94 0.46 0.00	34.04 0.83 0.00	35.01 0.07 -0.02	32.99 0.20 0.00	28.86 -0.09 0.00	28.22 -0.17 0.00	26.73 -0.11 0.00	24.80 -0.15 0.00	23.52 -0.17 0.00	22.67 -0.18 0.00	22.86 -0.18 0.00	25.02 -0.36 0.00	30.86 -0.50 0.00	33.81 -0.48 -0.02	36.34 0.00 0.00	34.45 0.03 0.00	28.53 -0.09 0.00	25.07 -0.10 0.00	23.85 0.14 0.00
HICKLING___2 23622	22.12 0.31 0.00	20.77 0.31 0.00	21.14 0.25 0.00	21.26 0.21 0.00	22.31 0.33 0.00	25.94 0.46 0.00	34.04 0.83 0.00	35.01 0.07 -0.02	32.99 0.20 0.00	28.86 -0.09 0.00	28.22 -0.17 0.00	26.73 -0.11 0.00	24.80 -0.15 0.00	23.52 -0.17 0.00	22.67 -0.18 0.00	22.86 -0.18 0.00	25.02 -0.36 0.00	30.86 -0.50 0.00	33.81 -0.48 -0.02	36.34 0.00 0.00	34.45 0.03 0.00	28.53 -0.09 0.00	25.07 -0.10 0.00	23.85 0.14 0.00
HIGH FALLS___HY 23754	23.10 1.29 0.00	21.59 1.13 0.00	21.79 0.90 0.00	21.85 0.80 0.00	22.75 0.77 0.00	26.45 0.97 0.00	35.03 1.83 0.00	37.15 2.23 0.00	34.73 1.93 0.00	30.19 1.24 0.00	29.70 1.31 0.00	28.13 1.29 0.00	26.12 1.17 0.00	24.70 1.02 0.00	23.88 1.03 0.00	24.13 1.08 0.00	26.64 1.27 0.00	33.41 2.04 0.00	36.60 2.33 0.00	39.07 2.73 0.00	36.93 2.51 0.00	30.14 1.52 0.00	26.40 1.23 0.00	24.82 1.11 0.00
HILLBURN___GT 23639	22.97 1.16 0.00	21.61 1.15 0.00	21.81 0.92 0.00	21.85 0.80 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.03 1.83 0.00	37.15 2.24 0.00	34.93 2.13 0.00	30.42 1.48 0.00	29.87 1.48 0.00	28.32 1.48 0.00	26.29 1.35 0.00	24.94 1.25 0.00	24.09 1.23 0.00	24.31 1.27 0.00	26.82 1.45 0.00	33.53 2.16 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.86 2.44 0.00	30.14 1.52 0.00	26.40 1.23 0.00	24.82 1.11 0.00
HILLSIDE_115KV_TB1 80332	21.86 0.04 0.00	20.53 0.06 0.00	20.87 -0.02 0.00	20.99 -0.06 0.00	22.00 0.02 0.00	25.58 0.10 0.00	33.50 0.30 0.00	34.48 -0.45 -0.02	32.50 -0.30 0.00	28.45 -0.49 0.00	27.85 -0.54 0.00	26.38 -0.46 0.00	24.47 -0.47 0.00	23.26 -0.43 0.00	22.42 -0.43 0.00	22.61 -0.44 0.00	24.72 -0.66 0.00	30.52 -0.85 0.00	33.33 -0.96 -0.02	35.83 -0.51 0.00	33.97 -0.45 0.00	28.13 -0.49 0.00	24.74 -0.43 0.00	23.56 -0.14 0.00

HISHELDN_WT_PWR 323625	20.46 -1.35 0.00	18.67 -1.80 0.00	19.03 -1.86 0.00	19.20 -1.85 0.00	20.20 -1.78 0.00	23.26 -2.22 0.00	30.12 -3.09 0.00	30.50 -4.40 0.02	28.76 -4.04 0.00	25.67 -3.27 0.00	25.10 -3.29 0.00	23.97 -2.87 0.00	22.15 -2.79 0.00	21.08 -2.61 0.00	20.34 -2.51 0.00	20.49 -2.56 0.00	22.00 -3.37 0.00	26.85 -4.52 0.00	29.25 -5.00 0.02	31.51 -4.83 0.00	30.05 -4.37 0.00	25.16 -3.46 0.00	22.40 -2.77 0.00	21.78 -1.92 0.00
HOLTSVILLE_IC_1 23690	23.36 1.55 0.00	21.92 1.45 0.00	22.10 1.21 0.00	22.12 1.07 0.00	23.08 1.10 0.00	26.76 1.27 0.00	35.36 2.16 0.00	37.50 2.58 0.00	35.58 2.79 0.00	31.09 2.14 0.00	30.44 2.02 -0.03	28.81 1.88 -0.09	26.64 1.70 0.00	25.25 1.56 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.54 2.16 -0.01	34.41 3.04 0.00	38.69 3.26 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.06 2.17 -3.26	29.26 1.89 -2.20	25.63 1.68 -0.25
HOLTSVILLE_IC_10 23699	23.47 1.66 0.00	22.00 1.54 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.93 1.99 -0.10	26.74 1.80 0.00	25.34 1.66 0.00	24.57 1.71 0.00	24.85 1.80 0.00	27.69 2.31 -0.01	34.63 3.26 0.00	38.93 3.50 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.21	25.77 1.80 -0.26
HOLTSVILLE_IC_2 23691	23.36 1.55 0.00	21.92 1.45 0.00	22.10 1.21 0.00	22.12 1.07 0.00	23.08 1.10 0.00	26.76 1.27 0.00	35.36 2.16 0.00	37.50 2.58 0.00	35.58 2.79 0.00	31.09 2.14 0.00	30.44 2.02 -0.03	28.81 1.88 -0.09	26.64 1.70 0.00	25.25 1.56 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.54 2.16 -0.01	34.41 3.04 0.00	38.69 3.26 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.06 2.17 -3.26	29.26 1.89 -2.20	25.63 1.68 -0.25
HOLTSVILLE_IC_3 23692	23.36 1.55 0.00	21.92 1.45 0.00	22.10 1.21 0.00	22.12 1.07 0.00	23.08 1.10 0.00	26.76 1.27 0.00	35.36 2.16 0.00	37.50 2.58 0.00	35.58 2.79 0.00	31.09 2.14 0.00	30.44 2.02 -0.03	28.81 1.88 -0.09	26.64 1.70 0.00	25.25 1.56 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.54 2.16 -0.01	34.41 3.04 0.00	38.69 3.26 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.06 2.17 -3.26	29.26 1.89 -2.20	25.63 1.68 -0.25
HOLTSVILLE_IC_4 23693	23.36 1.55 0.00	21.92 1.45 0.00	22.10 1.21 0.00	22.12 1.07 0.00	23.08 1.10 0.00	26.76 1.27 0.00	35.36 2.16 0.00	37.50 2.58 0.00	35.58 2.79 0.00	31.09 2.14 0.00	30.44 2.02 -0.03	28.81 1.88 -0.09	26.64 1.70 0.00	25.25 1.56 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.54 2.16 -0.01	34.41 3.04 0.00	38.69 3.26 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.06 2.17 -3.26	29.26 1.89 -2.20	25.63 1.68 -0.25
HOLTSVILLE_IC_5 23694	23.36 1.55 0.00	21.92 1.45 0.00	22.10 1.21 0.00	22.12 1.07 0.00	23.08 1.10 0.00	26.76 1.27 0.00	35.36 2.16 0.00	37.50 2.58 0.00	35.58 2.79 0.00	31.09 2.14 0.00	30.44 2.02 -0.03	28.81 1.88 -0.09	26.64 1.70 0.00	25.25 1.56 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.54 2.16 -0.01	34.41 3.04 0.00	38.69 3.26 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.06 2.17 -3.26	29.26 1.89 -2.20	25.63 1.68 -0.25
HOLTSVILLE_IC_6 23695	23.47 1.66 0.00	22.00 1.54 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.93 1.99 -0.10	26.74 1.80 0.00	25.34 1.66 0.00	24.57 1.71 0.00	24.85 1.80 0.00	27.69 2.31 -0.01	34.63 3.26 0.00	38.93 3.50 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.21	25.77 1.80 -0.26
HOLTSVILLE_IC_7 23696	23.47 1.66 0.00	22.00 1.54 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.93 1.99 -0.10	26.74 1.80 0.00	25.34 1.66 0.00	24.57 1.71 0.00	24.85 1.80 0.00	27.69 2.31 -0.01	34.63 3.26 0.00	38.93 3.50 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.21	25.77 1.80 -0.26
HOLTSVILLE_IC_8 23697	23.47 1.66 0.00	22.00 1.54 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.93 1.99 -0.10	26.74 1.80 0.00	25.34 1.66 0.00	24.57 1.71 0.00	24.85 1.80 0.00	27.69 2.31 -0.01	34.63 3.26 0.00	38.93 3.50 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.21	25.77 1.80 -0.26
HOLTSVILLE_IC_9 23698	23.47 1.66 0.00	22.00 1.54 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.93 1.99 -0.10	26.74 1.80 0.00	25.34 1.66 0.00	24.57 1.71 0.00	24.85 1.80 0.00	27.69 2.31 -0.01	34.63 3.26 0.00	38.93 3.50 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.21	25.77 1.80 -0.26
HOMER_HL_115KV_TB2 355744	21.12 -0.70 0.00	19.85 -0.61 0.00	20.24 -0.65 0.00	20.40 -0.65 0.00	21.39 -0.59 0.00	24.79 -0.69 0.00	32.41 -0.80 0.00	31.94 -2.97 0.01	31.02 -1.77 0.00	27.21 -1.74 0.00	26.49 -1.90 0.00	25.26 -1.58 0.00	23.40 -1.55 0.00	22.36 -1.33 0.00	21.48 -1.37 0.00	21.69 -1.36 0.00	23.37 -2.00 0.00	28.61 -2.76 0.00	30.46 -3.80 0.01	33.69 -2.65 0.00	32.01 -2.41 0.00	26.62 -2.00 0.00	23.61 -1.56 0.00	23.02 -0.69 0.00
HOWARD_WT_PWR 323690	21.99 0.17 0.00	20.51 0.04 0.00	20.85 -0.04 0.00	20.97 -0.08 0.00	22.02 0.04 0.00	25.66 0.18 0.00	33.27 0.07 0.00	34.31 -0.63 -0.02	32.07 -0.72 0.00	28.05 -0.90 0.00	27.51 -0.88 0.00	26.01 -0.83 0.00	24.07 -0.87 0.00	22.78 -0.90 0.00	21.98 -0.87 0.00	22.12 -0.92 0.00	24.26 -1.12 0.00	30.02 -1.35 0.00	32.99 -1.30 -0.02	35.54 -0.80 0.00	33.73 -0.69 0.00	27.96 -0.66 0.00	24.52 -0.65 0.00	23.28 -0.43 0.00
HQ_GEN_CEDARS 23644	22.51 -0.52 -1.22	21.12 -0.51 -1.16	21.76 -0.31 -1.19	22.04 -0.21 -1.20	23.00 -0.22 -1.24	26.43 -0.43 -1.38	34.04 -0.86 -1.70	35.75 -0.91 -1.74	33.56 -0.92 -1.68	29.99 -0.49 -1.54	29.54 -0.37 -1.51	27.88 -0.40 -1.45	25.96 -0.35 -1.37	24.62 -0.38 -1.31	23.67 -0.46 -1.27	23.81 -0.51 -1.27	26.22 -0.53 -1.37	31.43 -0.82 -0.88	20.18 -0.93 13.16	16.88 -1.09 18.37	35.27 -0.89 -1.74	29.71 -0.43 -1.52	26.25 -0.30 -1.38	24.71 -0.31 -1.31
HQ_GEN_CEDARS_PROXY 323590	22.49 -0.54 -1.22	21.12 -0.51 -1.16	21.77 -0.31 -1.19	22.04 -0.21 -1.20	23.00 -0.22 -1.24	26.43 -0.43 -1.38	34.04 -0.86 -1.70	35.75 -0.91 -1.74	33.59 -0.88 -1.68	29.99 -0.49 -1.54	29.54 -0.37 -1.51	27.88 -0.40 -1.45	25.94 -0.37 -1.37	24.61 -0.38 -1.31	23.67 -0.46 -1.27	23.81 -0.51 -1.27	26.92 -0.53 -2.08	30.73 -0.82 -0.18	20.19 -0.92 13.16	16.88 -1.09 18.37	34.22 -0.90 -0.70	30.76 -0.43 -2.56	26.25 -0.30 -1.38	24.71 -0.31 -1.31

HQ_GEN_IMPORT 323601	21.38 -0.44 0.00	10.71 -0.41 9.35	30.01 -0.23 -9.35	20.91 -0.15 0.00	21.80 -0.18 0.00	27.85 -0.23 -2.60	30.04 -0.56 2.60	34.25 -0.66 0.01	30.81 -0.62 1.36	30.01 -0.29 -1.35	28.19 -0.20 0.00	26.63 -0.22 0.00	24.74 -0.20 0.00	23.49 -0.19 0.00	22.65 -0.21 0.00	22.84 -0.21 0.00	25.85 -0.23 -0.70	30.04 -0.44 0.89	30.04 -0.55 3.68	30.66 -0.69 4.99	32.09 -0.66 1.68	30.01 -0.29 -1.68	25.00 -0.17 0.00	23.54 -0.16 0.00
HQ_GEN_WHEEL 23651	21.38 -0.44 0.00	10.71 -0.41 9.35	30.01 -0.23 -9.35	20.91 -0.15 0.00	21.80 -0.18 0.00	27.85 -0.23 -2.60	30.04 -0.56 2.60	34.25 -0.66 0.01	30.81 -0.62 1.36	30.01 -0.29 -1.35	28.19 -0.20 0.00	26.63 -0.22 0.00	24.74 -0.20 0.00	23.49 -0.19 0.00	22.65 -0.21 0.00	22.84 -0.21 0.00	25.85 -0.23 -0.70	30.04 -0.44 0.89	30.04 -0.55 3.68	30.66 -0.69 4.99	32.09 -0.66 1.68	30.01 -0.29 -1.68	25.00 -0.17 0.00	23.54 -0.16 0.00
HUDSON AVE_GT_3 23810	23.25 1.44 0.00	21.74 1.27 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.77 1.82 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.05 1.67 0.00	33.91 2.54 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.61 1.43 0.00	25.01 1.30 0.00
HUDSON AVE_GT_4 23540	23.25 1.44 0.00	21.74 1.27 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.77 1.82 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.05 1.67 0.00	33.91 2.54 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.61 1.43 0.00	25.01 1.30 0.00
HUDSON AVE_GT_5 23657	23.25 1.44 0.00	21.74 1.27 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.77 1.82 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.05 1.67 0.00	33.91 2.54 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.61 1.43 0.00	25.01 1.30 0.00
HUDSON_AVE_10 24168	23.19 1.37 0.00	21.68 1.21 0.00	21.83 0.94 0.00	21.85 0.80 0.00	22.73 0.75 0.00	26.40 0.92 0.00	35.10 1.89 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.57 1.62 0.00	25.18 1.49 0.00	24.32 1.46 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.07 2.65 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
HUDSON___115KV_TB 4 355613	23.10 1.29 0.00	21.68 1.21 0.00	21.95 1.07 0.00	22.04 0.99 0.00	23.01 1.03 0.00	26.76 1.27 0.00	35.30 2.09 0.00	37.26 2.34 0.00	34.76 1.97 0.00	30.33 1.39 0.00	29.61 1.22 0.00	27.89 1.05 0.00	25.92 0.97 0.00	24.65 0.97 0.00	23.81 0.96 0.00	24.02 0.97 0.00	26.54 1.17 0.00	33.12 1.76 0.00	36.33 2.06 0.00	38.63 2.29 0.00	36.62 2.20 0.00	30.17 1.55 0.00	26.38 1.21 0.00	24.84 1.14 0.00
HUNTER MOUNT___DRP 323613	23.21 1.40 0.00	21.78 1.31 0.00	22.08 1.19 0.00	22.19 1.14 0.00	23.19 1.21 0.00	26.96 1.48 0.00	35.53 2.32 0.00	37.50 2.58 0.00	34.96 2.16 0.00	30.42 1.48 0.00	29.64 1.25 0.00	27.86 1.02 0.00	25.89 0.95 0.00	24.61 0.92 0.00	23.77 0.91 0.00	23.97 0.92 0.00	26.52 1.14 0.00	33.12 1.76 0.00	36.40 2.12 0.00	38.70 2.36 0.00	36.73 2.31 0.00	30.25 1.63 0.00	26.43 1.26 0.00	24.94 1.23 0.00
HUNTINGTON_RES_REC 323705	23.52 1.70 0.00	22.07 1.60 0.00	22.23 1.34 0.00	22.25 1.20 0.00	23.21 1.23 0.00	26.93 1.45 0.00	35.63 2.42 0.00	37.85 2.93 0.00	35.94 3.15 0.00	31.43 2.49 0.00	30.70 2.27 -0.03	29.09 2.15 -0.10	26.89 1.95 0.00	25.48 1.80 0.00	24.64 1.78 0.00	24.91 1.87 0.00	27.67 2.28 -0.01	34.63 3.26 0.00	38.96 3.53 -1.16	42.38 3.89 -2.15	39.01 3.58 -1.01	34.29 2.40 -3.26	29.42 2.04 -2.21	25.80 1.83 -0.27
HUNTLEY___63 23557	19.68 -2.14 0.00	18.69 -1.78 0.00	19.01 -1.88 0.00	19.22 -1.83 0.00	20.13 -1.85 0.00	23.29 -2.19 0.00	30.08 -3.12 0.00	30.54 -4.36 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.02 -2.82 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.67 -2.37 0.00	22.28 -3.10 0.00	27.07 -4.30 0.00	29.42 -4.83 0.02	31.65 -4.69 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.35 -2.82 0.00	21.71 -1.99 0.00
HUNTLEY___64 23558	19.68 -2.14 0.00	18.69 -1.78 0.00	19.01 -1.88 0.00	19.22 -1.83 0.00	20.13 -1.85 0.00	23.29 -2.19 0.00	30.08 -3.12 0.00	30.54 -4.36 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.02 -2.82 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.67 -2.37 0.00	22.28 -3.10 0.00	27.07 -4.30 0.00	29.42 -4.83 0.02	31.65 -4.69 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.35 -2.82 0.00	21.71 -1.99 0.00
HUNTLEY___65 23559	19.68 -2.14 0.00	18.69 -1.78 0.00	19.01 -1.88 0.00	19.22 -1.83 0.00	20.13 -1.85 0.00	23.29 -2.19 0.00	30.08 -3.12 0.00	30.54 -4.36 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.02 -2.82 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.67 -2.37 0.00	22.28 -3.10 0.00	27.07 -4.30 0.00	29.42 -4.83 0.02	31.65 -4.69 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.35 -2.82 0.00	21.71 -1.99 0.00
HUNTLEY___66 23560	19.68 -2.14 0.00	18.69 -1.78 0.00	19.01 -1.88 0.00	19.22 -1.83 0.00	20.13 -1.85 0.00	23.29 -2.19 0.00	30.08 -3.12 0.00	30.54 -4.36 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.02 -2.82 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.67 -2.37 0.00	22.28 -3.10 0.00	27.07 -4.30 0.00	29.42 -4.83 0.02	31.65 -4.69 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.35 -2.82 0.00	21.71 -1.99 0.00
HUNTLEY___67 23561	19.74 -2.07 0.00	18.71 -1.76 0.00	19.03 -1.86 0.00	19.24 -1.81 0.00	20.16 -1.82 0.00	23.32 -2.17 0.00	30.12 -3.09 0.00	30.50 -4.40 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.00 -2.85 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.70 -2.35 0.00	22.30 -3.07 0.00	27.10 -4.27 0.00	29.42 -4.83 0.02	31.69 -4.65 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.38 -2.79 0.00	21.74 -1.97 0.00
HUNTLEY___68 23562	19.74 -2.07 0.00	18.71 -1.76 0.00	19.03 -1.86 0.00	19.24 -1.81 0.00	20.16 -1.82 0.00	23.32 -2.17 0.00	30.12 -3.09 0.00	30.50 -4.40 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.00 -2.85 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.70 -2.35 0.00	22.30 -3.07 0.00	27.10 -4.27 0.00	29.42 -4.83 0.02	31.69 -4.65 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.38 -2.79 0.00	21.74 -1.97 0.00

HYLAND___LFG	22.27	20.67	21.02	21.22	22.33	26.02	33.94	35.03	32.27	27.96	27.03	25.61	23.82	22.55	21.78	22.01	24.16	29.99	33.59	36.41	34.69	28.65	25.02	23.73
323620	0.46	0.20	0.13	0.17	0.35	0.54	0.73	0.11	-0.53	-0.98	-1.36	-1.23	-1.12	-1.14	-1.07	-1.04	-1.22	-1.38	-0.69	0.07	0.27	0.03	-0.15	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___CORINTH	22.95	21.57	21.87	21.98	22.97	26.76	35.33	37.32	35.03	30.65	29.98	28.13	26.04	24.82	23.91	24.11	26.64	33.28	36.50	38.78	36.76	30.25	26.35	24.79
23802	1.13	1.10	0.98	0.93	0.99	1.27	2.13	2.41	2.23	1.71	1.59	1.29	1.10	1.14	1.05	1.06	1.27	1.91	2.23	2.44	2.34	1.63	1.18	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___ILION	21.86	20.49	20.83	20.97	21.89	25.41	33.27	35.09	32.80	28.83	28.33	26.81	24.92	23.66	22.81	23.02	25.38	31.50	35.16	37.58	34.63	28.68	25.17	23.68
23567	0.04	0.02	-0.06	-0.08	-0.09	-0.08	0.07	0.17	0.00	-0.12	-0.06	-0.03	-0.02	-0.02	-0.05	-0.02	0.00	0.09	0.14	0.22	0.21	0.06	0.00	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.76	-1.02	0.00	0.00	0.00	0.00
INDECK___OLEAN	21.60	19.85	20.24	20.40	21.43	24.80	32.41	31.91	30.70	27.15	26.49	25.28	23.52	22.36	21.57	21.76	23.34	28.61	30.49	33.69	32.01	26.62	23.61	23.02
23982	-0.22	-0.61	-0.65	-0.65	-0.55	-0.69	-0.80	-3.00	-2.10	-1.79	-1.90	-1.56	-1.42	-1.33	-1.28	-1.29	-2.03	-2.76	-3.77	-2.65	-2.41	-2.00	-1.56	-0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
INDECK___OSWEGO	21.60	20.20	20.55	20.69	21.65	25.10	32.67	34.29	32.10	28.28	27.71	26.20	24.35	23.09	22.28	22.45	24.69	30.50	33.09	35.00	33.70	27.96	24.57	23.18
23783	-0.22	-0.27	-0.34	-0.36	-0.33	-0.38	-0.53	-0.63	-0.69	-0.66	-0.68	-0.64	-0.60	-0.59	-0.57	-0.60	-0.68	-0.85	-0.75	-0.76	-0.72	-0.66	-0.60	-0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.43	0.58	0.00	0.00	0.00	0.00
INDECK___YERKES	20.51	18.71	19.03	19.24	20.22	23.32	30.12	30.67	28.76	25.73	25.18	24.05	22.47	21.39	20.64	20.77	22.25	27.10	29.56	31.69	30.12	25.18	22.40	21.74
23781	-1.31	-1.76	-1.86	-1.81	-1.76	-2.17	-3.09	-4.23	-4.04	-3.21	-3.21	-2.79	-2.47	-2.30	-2.22	-2.28	-3.12	-4.27	-4.69	-4.65	-4.30	-3.44	-2.77	-1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_1	23.10	21.61	21.81	21.85	22.73	26.40	35.00	37.15	34.96	30.54	29.90	28.32	26.34	24.94	24.11	24.34	26.82	33.56	36.70	38.99	36.86	30.14	26.43	24.84
24139	1.29	1.15	0.92	0.80	0.75	0.92	1.79	2.23	2.16	1.59	1.50	1.48	1.40	1.26	1.26	1.29	1.45	2.20	2.43	2.65	2.44	1.52	1.26	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_2	23.10	21.61	21.81	21.85	22.73	26.40	35.00	37.15	34.96	30.54	29.90	28.32	26.34	24.94	24.11	24.34	26.82	33.56	36.70	38.99	36.86	30.14	26.43	24.84
23659	1.29	1.15	0.92	0.80	0.75	0.92	1.79	2.23	2.16	1.59	1.50	1.48	1.40	1.26	1.26	1.29	1.45	2.20	2.43	2.65	2.44	1.52	1.26	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT_GT_3	23.10	21.61	21.81	21.85	22.73	26.40	35.00	37.15	34.96	30.54	29.90	28.32	26.34	24.94	24.11	24.34	26.82	33.56	36.70	38.99	36.86	30.14	26.43	24.84
24019	1.29	1.15	0.92	0.80	0.75	0.92	1.79	2.23	2.16	1.59	1.50	1.48	1.40	1.26	1.26	1.29	1.45	2.20	2.43	2.65	2.44	1.52	1.26	1.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___2	22.95	21.59	21.77	21.81	22.70	26.37	34.96	37.08	35.03	30.51	29.84	28.26	26.27	24.91	24.06	24.29	26.79	33.50	36.53	38.92	36.79	30.08	26.38	24.79
23530	1.13	1.12	0.88	0.76	0.72	0.89	1.76	2.17	2.23	1.56	1.45	1.42	1.32	1.23	1.21	1.24	1.42	2.13	2.26	2.58	2.37	1.46	1.21	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDIAN POINT___3	23.08	21.59	21.79	21.83	22.73	26.37	34.97	37.08	34.93	30.48	29.84	28.29	26.29	24.92	24.09	24.31	26.80	33.50	36.64	38.96	36.80	30.08	26.38	24.79
23531	1.27	1.13	0.90	0.78	0.75	0.89	1.76	2.16	2.13	1.53	1.45	1.45	1.35	1.23	1.23	1.27	1.42	2.13	2.36	2.62	2.38	1.46	1.21	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INGHAM_C_115KV_TB7	21.44	20.08	20.43	20.55	21.47	24.92	32.67	34.46	32.11	28.19	27.77	26.28	24.42	23.19	22.35	22.56	24.87	30.87	34.51	36.93	34.01	28.16	24.72	23.28
356103	-0.37	-0.39	-0.46	-0.51	-0.51	-0.56	-0.53	-0.45	-0.69	-0.75	-0.62	-0.56	-0.52	-0.50	-0.50	-0.48	-0.51	-0.53	-0.51	-0.44	-0.41	-0.46	-0.45	-0.43
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.76	-1.02	0.00	0.00	0.00	0.00
IP CORINTH___1	23.01	21.57	21.87	21.98	22.97	26.76	35.33	37.36	35.03	30.65	29.98	28.13	26.09	24.82	23.93	24.11	26.64	33.28	36.50	38.78	36.76	30.25	26.35	24.79
23988	1.20	1.11	0.98	0.93	0.99	1.27	2.13	2.44	2.23	1.71	1.59	1.29	1.15	1.14	1.07	1.06	1.27	1.91	2.23	2.43	2.34	1.63	1.18	1.09
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP___TICONDEROGA	23.80	22.33	22.64	22.78	23.80	27.85	36.89	39.04	36.60	31.98	31.32	29.20	26.99	25.67	24.68	24.94	27.63	34.60	37.97	40.45	38.38	31.48	27.23	25.67
23804	1.99	1.86	1.75	1.73	1.82	2.37	3.69	4.12	3.80	3.04	2.92	2.36	2.05	1.99	1.83	1.89	2.26	3.23	3.70	4.11	3.96	2.86	2.06	1.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ISLIP_RES_REC	23.56	22.08	22.25	22.29	23.25	26.99	35.70	37.88	35.98	31.43	30.72	29.07	26.84	25.44	24.64	24.94	27.80	34.79	39.13	42.56	39.18	34.40	29.52	25.90
323679	1.75	1.62	1.36	1.24	1.27	1.50	2.49	2.97	3.18	2.49	2.30	2.12	1.89	1.75	1.78	1.89	2.41	3.42	3.70	4.07	3.75	2.52	2.14	1.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.10	0.00	0.00	0.00	0.00	-0.01	0.00	-1.16	-2.15	-1.01	-3.26	-2.21	-0.28

JAMAICA__27_KV_LOAD 355505	23.28 1.46 0.00	21.76 1.29 0.00	21.87 0.98 0.00	21.89 0.84 0.00	22.77 0.79 0.00	26.50 1.02 0.00	35.30 2.09 0.00	37.50 2.58 0.00	35.48 2.69 0.00	30.94 2.00 0.00	30.29 1.90 0.00	28.77 1.93 0.00	26.77 1.82 0.00	25.37 1.68 0.00	24.50 1.65 0.00	24.71 1.66 0.00	27.23 1.85 0.00	34.16 2.79 0.00	37.32 3.05 0.00	39.69 3.34 0.00	37.42 2.99 0.00	30.45 1.83 0.00	26.71 1.54 0.00	25.08 1.37 0.00
JANIS__SOLAR 323808	23.01 1.20 0.00	21.45 0.98 0.00	21.83 0.94 0.00	21.98 0.93 0.00	23.06 1.08 0.00	26.86 1.38 0.00	35.33 2.13 0.00	37.09 2.17 0.00	34.53 1.74 0.00	30.13 1.19 0.00	29.30 0.91 0.00	27.62 0.78 0.00	25.59 0.65 0.00	24.20 0.52 0.00	23.31 0.46 0.00	23.51 0.46 0.00	25.93 0.56 0.00	32.34 0.97 0.00	35.78 1.51 0.00	38.45 2.11 0.00	36.38 1.96 0.00	30.08 1.46 0.00	26.30 1.13 0.00	24.82 1.11 0.00
JARVIS____ 23743	21.99 0.17 0.00	20.63 0.16 0.00	20.99 0.10 0.00	21.14 0.08 0.00	22.07 0.09 0.00	25.58 0.10 0.00	33.47 0.26 0.00	35.27 0.35 0.00	33.09 0.29 0.00	29.12 0.17 0.00	28.53 0.14 0.00	26.98 0.13 0.00	25.07 0.13 0.00	23.80 0.12 0.00	22.99 0.14 0.00	23.19 0.14 0.00	25.53 0.15 0.00	31.69 0.28 -0.04	35.33 0.31 -0.76	37.73 0.36 -1.02	34.77 0.34 0.00	28.82 0.20 0.00	25.30 0.13 0.00	23.82 0.12 0.00
JENNISON____1 23625	23.15 1.33 0.00	21.65 1.19 0.00	22.02 1.13 0.00	22.15 1.09 0.00	23.21 1.23 0.00	27.04 1.55 0.00	35.66 2.46 0.00	37.61 2.69 0.00	35.19 2.39 0.00	30.68 1.74 0.00	30.01 1.62 0.00	28.32 1.48 0.00	26.24 1.30 0.00	24.87 1.18 0.00	23.90 1.05 0.00	24.08 1.04 0.00	26.49 1.12 0.00	32.94 1.57 0.00	36.26 1.99 0.00	38.92 2.58 0.00	36.83 2.41 0.00	30.37 1.75 0.00	26.58 1.41 0.00	25.08 1.37 0.00
JENNISON____2 23626	23.15 1.33 0.00	21.65 1.19 0.00	22.02 1.13 0.00	22.15 1.09 0.00	23.21 1.23 0.00	27.04 1.55 0.00	35.66 2.46 0.00	37.61 2.69 0.00	35.19 2.39 0.00	30.68 1.74 0.00	30.01 1.62 0.00	28.32 1.48 0.00	26.24 1.30 0.00	24.87 1.18 0.00	23.90 1.05 0.00	24.08 1.04 0.00	26.49 1.12 0.00	32.94 1.57 0.00	36.26 1.99 0.00	38.92 2.58 0.00	36.83 2.41 0.00	30.37 1.75 0.00	26.58 1.41 0.00	25.08 1.37 0.00
JERICOHO_RISE_WT_PWR 323719	-9.10 -1.57 29.34	-9.00 -1.45 28.02	-9.05 -1.27 28.66	-9.05 -1.18 28.92	-9.11 -1.25 29.84	-9.36 -1.48 33.36	-9.96 -2.22 40.94	-9.94 -2.24 42.62	-9.94 -2.03 40.70	-9.65 -1.53 37.06	-9.61 -1.51 36.50	-9.49 -1.48 34.86	-9.35 -1.37 32.93	-9.26 -1.33 31.62	-9.20 -1.33 30.72	-9.19 -1.34 30.90	-9.38 -1.42 33.34	-9.74 -1.88 39.22	-8.58 -2.09 40.76	-8.21 -2.33 42.23	-9.91 -2.17 42.16	-9.59 -1.55 36.67	-9.35 -1.31 33.21	-9.24 -1.28 31.66
KATONAH__115KV_46KV_TB4 355592	23.19 1.37 0.00	21.70 1.23 0.00	21.87 0.98 0.00	21.94 0.88 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.16 2.36 0.00	30.68 1.74 0.00	30.01 1.62 0.00	28.40 1.56 0.00	26.39 1.45 0.00	24.99 1.30 0.00	24.16 1.30 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.81 2.54 0.00	39.14 2.80 0.00	37.04 2.62 0.00	30.28 1.66 0.00	26.53 1.36 0.00	24.91 1.21 0.00
KCE_NY_1 323755	22.93 1.11 0.00	21.57 1.10 0.00	21.85 0.96 0.00	21.96 0.90 0.00	22.90 0.92 0.00	26.65 1.17 0.00	35.13 1.93 0.00	37.08 2.17 0.00	34.76 1.97 0.00	30.45 1.50 0.00	29.78 1.39 0.00	28.02 1.18 0.00	25.99 1.05 0.00	24.72 1.04 0.00	23.86 1.00 0.00	24.06 1.01 0.00	26.59 1.22 0.00	33.12 1.76 0.00	36.29 2.02 0.00	38.52 2.18 0.00	36.49 2.07 0.00	30.11 1.49 0.00	26.28 1.11 0.00	24.75 1.04 0.00
KCE_NY_6_ESR 323823	20.83 -0.98 0.00	19.02 -1.45 0.00	19.37 -1.52 0.00	19.56 -1.49 0.00	20.55 -1.43 0.00	23.70 -1.78 0.00	30.71 -2.49 0.00	31.03 -3.88 0.02	29.29 -3.51 0.00	26.17 -2.78 0.00	25.58 -2.81 0.00	24.43 -2.42 0.00	22.77 -2.17 0.00	21.67 -2.01 0.00	20.91 -1.94 0.00	21.04 -2.01 0.00	22.58 -2.79 0.00	27.51 -3.86 0.00	29.84 -4.42 0.02	32.23 -4.11 0.00	30.67 -3.75 0.00	25.64 -2.98 0.00	22.78 -2.39 0.00	22.14 -1.57 0.00
KEDC_PORT_JEFF_GT2 24210	23.47 1.66 0.00	22.02 1.55 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.88 1.40 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.95 2.01 -0.10	26.77 1.82 0.00	25.37 1.68 0.00	24.57 1.71 0.00	24.87 1.82 0.00	27.69 2.31 -0.01	34.66 3.29 0.00	38.96 3.53 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.20	25.79 1.83 -0.26
KEDC_PORT_JEFF_GT3 24211	23.47 1.66 0.00	22.02 1.55 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.88 1.40 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.81 3.02 0.00	31.29 2.34 0.00	30.58 2.16 -0.03	28.95 2.01 -0.10	26.77 1.82 0.00	25.37 1.68 0.00	24.57 1.71 0.00	24.87 1.82 0.00	27.69 2.31 -0.01	34.66 3.29 0.00	38.96 3.53 -1.16	42.34 3.85 -2.15	38.98 3.55 -1.01	34.26 2.37 -3.26	29.39 2.01 -2.20	25.79 1.83 -0.26
KEDC_GLWD_GT4 24219	23.52 1.70 0.00	22.07 1.60 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.96 1.48 0.00	35.73 2.52 0.00	37.95 3.04 0.00	35.91 3.12 0.00	31.40 2.46 0.00	30.83 2.33 -0.11	29.48 2.20 -0.44	26.94 2.00 0.00	25.53 1.85 0.00	24.64 1.78 0.00	24.89 1.84 0.00	27.57 2.18 -0.01	34.47 3.11 0.00	38.79 3.36 -1.16	42.31 3.81 -2.15	38.94 3.51 -1.01	34.27 2.37 -3.28	29.64 1.96 -2.50	26.67 1.80 -1.17
KEDC_GLWD_GT5 24220	23.52 1.70 0.00	22.07 1.60 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.96 1.48 0.00	35.73 2.52 0.00	37.95 3.04 0.00	35.91 3.12 0.00	31.40 2.46 0.00	30.83 2.33 -0.11	29.48 2.20 -0.44	26.94 2.00 0.00	25.53 1.85 0.00	24.64 1.78 0.00	24.89 1.84 0.00	27.57 2.18 -0.01	34.47 3.11 0.00	38.79 3.36 -1.16	42.31 3.81 -2.15	38.94 3.51 -1.01	34.27 2.37 -3.28	29.64 1.96 -2.50	26.67 1.80 -1.17
KENSICO____ 23655	23.17 1.35 0.00	21.65 1.19 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.77 0.79 0.00	26.45 0.97 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.40 1.56 0.00	26.42 1.47 0.00	25.03 1.35 0.00	24.20 1.35 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.81 2.54 0.00	39.10 2.76 0.00	36.93 2.51 0.00	30.19 1.57 0.00	26.48 1.31 0.00	24.89 1.19 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.17 1.35 0.00	21.65 1.19 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.84 0.86 0.00	26.55 1.07 0.00	35.13 1.93 0.00	37.26 2.34 0.00	34.83 2.03 0.00	30.31 1.36 0.00	29.75 1.36 0.00	28.16 1.32 0.00	26.14 1.20 0.00	24.75 1.07 0.00	23.93 1.07 0.00	24.15 1.11 0.00	26.69 1.32 0.00	33.47 2.10 0.00	36.67 2.40 0.00	39.14 2.80 0.00	37.00 2.58 0.00	30.22 1.60 0.00	26.45 1.28 0.00	24.87 1.16 0.00

KLAC_JFK_GT1 23816	23.21 1.40 0.00	21.70 1.23 0.00	21.83 0.94 0.00	21.85 0.80 0.00	22.71 0.73 0.00	26.42 0.94 0.00	35.20 1.99 0.00	37.40 2.48 0.00	35.39 2.59 0.00	30.88 1.94 0.00	30.21 1.82 0.00	28.69 1.85 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.06 2.70 0.00	37.22 2.95 0.00	39.54 3.20 0.00	37.28 2.86 0.00	30.37 1.75 0.00	26.63 1.46 0.00	25.01 1.30 0.00
KIAC_JFK_GT2 23817	23.21 1.40 0.00	21.70 1.23 0.00	21.83 0.94 0.00	21.85 0.80 0.00	22.71 0.73 0.00	26.42 0.94 0.00	35.20 1.99 0.00	37.40 2.48 0.00	35.39 2.59 0.00	30.88 1.94 0.00	30.21 1.82 0.00	28.69 1.85 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.06 2.70 0.00	37.22 2.95 0.00	39.54 3.20 0.00	37.28 2.86 0.00	30.37 1.75 0.00	26.63 1.46 0.00	25.01 1.30 0.00
KIAC_JFK____ 323774	23.04 1.22 0.00	21.70 1.23 0.00	21.83 0.94 0.00	21.85 0.80 0.00	22.70 0.72 0.00	26.43 0.94 0.00	35.20 1.99 0.00	37.40 2.48 0.00	35.55 2.76 0.00	30.91 1.97 0.00	30.21 1.82 0.00	28.69 1.85 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.06 2.70 0.00	37.05 2.77 0.00	39.54 3.20 0.00	37.28 2.86 0.00	30.37 1.75 0.00	26.63 1.46 0.00	25.01 1.30 0.00
KINTIGH____ 23543	19.76 -2.05 0.00	18.73 -1.74 0.00	19.05 -1.84 0.00	19.24 -1.81 0.00	20.18 -1.80 0.00	23.34 -2.14 0.00	30.15 -3.05 0.00	31.02 -3.88 0.02	29.45 -3.35 0.00	25.99 -2.95 0.00	25.33 -3.07 0.00	24.16 -2.68 0.00	22.40 -2.54 0.00	21.48 -2.20 0.00	20.59 -2.26 0.00	20.83 -2.21 0.00	22.53 -2.84 0.00	27.45 -3.92 0.00	30.10 -4.15 0.02	32.09 -4.25 0.00	30.46 -3.96 0.00	25.39 -3.23 0.00	22.50 -2.67 0.00	21.67 -2.04 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-7.15 -1.18 27.79	-7.21 -1.15 26.53	-7.24 -0.98 27.14	-7.22 -0.88 27.39	-7.22 -0.95 28.26	-7.23 -1.12 31.59	-7.26 -1.69 38.77	-7.16 -1.71 40.36	-7.29 -1.54 38.55	-7.22 -1.07 35.09	-7.22 -1.05 34.56	-7.21 -1.05 33.01	-7.18 -0.95 31.18	-7.23 -0.97 29.94	-7.20 -0.96 29.09	-7.18 -0.97 29.26	-7.18 -0.99 31.57	-7.27 -1.44 37.19	-6.86 -1.54 39.59	-6.73 -1.74 41.33	-7.05 -1.55 39.93	-7.13 -1.03 34.72	-7.13 -0.86 31.45	-7.16 -0.88 29.98
LACHUTE__HYDRO 323717	23.76 1.94 0.00	22.33 1.86 0.00	22.64 1.75 0.00	22.78 1.73 0.00	23.80 1.82 0.00	27.85 2.37 0.00	36.89 3.69 0.00	39.04 4.12 0.00	36.56 3.77 0.00	31.98 3.04 0.00	31.32 2.92 0.00	29.20 2.36 0.00	26.91 1.97 0.00	25.67 1.99 0.00	24.68 1.83 0.00	24.94 1.89 0.00	27.63 2.26 0.00	34.60 3.23 0.00	37.97 3.70 0.00	40.45 4.11 0.00	38.38 3.96 0.00	31.48 2.86 0.00	27.21 2.04 0.00	25.67 1.97 0.00
LAWRNCV_115KV_TB1 80681	24.37 -0.96 -3.51	22.88 -0.94 -3.35	23.59 -0.73 -3.43	23.88 -0.63 -3.46	24.89 -0.66 -3.57	28.56 -0.92 -3.99	36.68 -1.43 -4.90	38.60 -1.40 -5.08	36.25 -1.41 -4.86	32.43 -0.96 -4.44	31.91 -0.85 -4.37	30.18 -0.83 -4.17	28.09 -0.80 -3.94	26.64 -0.83 -3.78	25.66 -0.87 -3.68	25.79 -0.94 -3.69	28.37 -0.99 -3.98	34.00 -1.35 -3.98	23.37 -1.47 9.42	20.41 -1.60 14.33	38.05 -1.41 -5.04	32.15 -0.86 -4.39	28.44 -0.70 -3.98	26.78 -0.71 -3.79
LEDERLE____ 23769	23.19 1.37 0.00	21.68 1.21 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.50 1.02 0.00	35.13 1.93 0.00	37.29 2.37 0.00	35.09 2.30 0.00	30.59 1.65 0.00	29.98 1.59 0.00	28.40 1.56 0.00	26.42 1.47 0.00	25.03 1.35 0.00	24.20 1.35 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.81 2.54 0.00	39.18 2.83 0.00	37.00 2.58 0.00	30.22 1.60 0.00	26.50 1.33 0.00	24.91 1.21 0.00
LIGHTHSE_115KV_TB6 355974	21.47 -0.35 0.00	20.16 -0.31 0.00	20.51 -0.38 0.00	20.65 -0.40 0.00	21.63 -0.35 0.00	25.10 -0.38 0.00	32.77 -0.43 0.00	34.43 -0.49 0.00	32.27 -0.52 0.00	28.31 -0.64 0.00	27.74 -0.65 0.00	26.22 -0.62 0.00	24.30 -0.65 0.00	23.04 -0.64 0.00	22.21 -0.64 0.00	22.36 -0.69 0.00	24.61 -0.76 0.00	30.43 -0.88 0.06	32.43 -0.72 1.12	34.28 -0.55 1.52	33.90 -0.52 0.00	28.22 -0.40 0.00	24.77 -0.40 0.00	23.32 -0.38 0.00
LINDEN COGEN____ 23786	22.93 1.11 0.00	21.57 1.10 0.00	21.73 0.84 0.00	21.77 0.72 0.00	22.62 0.64 0.00	26.30 0.82 0.00	34.90 1.69 0.00	36.14 2.09 0.87	35.12 2.33 0.00	30.56 1.62 0.00	29.92 1.53 0.00	28.42 1.58 0.00	26.39 1.45 0.00	25.06 1.37 0.00	24.18 1.32 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.79 2.37 0.00	30.05 1.43 0.00	26.43 1.26 0.00	24.84 1.14 0.00
LINDHRST_69_KV_BK1 356055	23.76 1.94 0.00	22.13 1.66 0.00	22.29 1.40 0.00	22.31 1.26 0.00	23.28 1.30 0.00	27.01 1.53 0.00	35.70 2.49 0.00	37.92 3.00 0.00	35.84 3.05 0.00	31.35 2.40 0.00	30.80 2.36 -0.05	29.27 2.20 -0.23	26.97 2.02 0.00	25.48 1.80 0.00	24.66 1.81 0.00	24.96 1.91 0.00	27.63 2.26 0.00	34.57 3.20 0.00	39.02 3.60 -1.15	42.41 3.92 -2.14	39.04 3.61 -1.00	34.34 2.46 -3.26	29.54 2.06 -2.31	26.20 1.90 -0.60
LIPA_MISC_IPP 23656	23.58 1.77 0.00	21.90 1.43 0.00	22.04 1.15 0.00	22.06 1.01 0.00	23.04 1.06 0.00	26.68 1.20 0.00	35.30 2.09 0.00	37.43 2.51 0.00	35.39 2.59 0.00	30.94 2.00 0.00	30.40 1.99 -0.02	28.81 1.88 -0.09	26.62 1.67 0.00	25.15 1.47 0.00	24.43 1.58 0.00	24.84 1.80 0.00	27.58 2.21 0.00	34.50 3.14 0.00	38.85 3.43 -1.15	42.08 3.60 -2.14	38.73 3.30 -1.00	34.05 2.18 -3.25	29.20 1.84 -2.19	25.61 1.66 -0.25
LISF__SOLAR 323691	23.34 1.53 0.00	21.90 1.43 0.00	22.06 1.17 0.00	22.08 1.03 0.00	23.06 1.08 0.00	26.71 1.22 0.00	35.33 2.13 0.00	37.46 2.55 0.00	35.52 2.72 0.00	30.97 2.03 0.00	30.35 1.93 -0.03	28.71 1.77 -0.09	26.57 1.62 0.00	25.15 1.47 0.00	24.43 1.58 0.00	24.73 1.68 0.00	27.62 2.23 -0.01	34.57 3.20 0.00	38.82 3.39 -1.16	42.16 3.67 -2.15	38.81 3.38 -1.01	34.09 2.20 -3.26	29.26 1.89 -2.20	25.64 1.68 -0.25
LITTLE FALLS__HYD 24013	21.44 -0.37 0.00	20.08 -0.39 0.00	20.43 -0.46 0.00	20.55 -0.51 0.00	21.47 -0.51 0.00	24.92 -0.56 0.00	32.67 -0.53 0.00	34.46 -0.45 0.00	32.11 -0.69 0.00	28.19 -0.75 0.00	27.77 -0.62 0.00	26.28 -0.56 0.00	24.42 -0.52 0.00	23.19 -0.50 0.00	22.35 -0.50 0.00	22.56 -0.48 0.00	24.87 -0.51 0.00	30.87 -0.53 -0.04	34.51 -0.51 -0.76	36.93 -0.44 -1.02	34.01 -0.41 0.00	28.16 -0.46 0.00	24.72 -0.45 0.00	23.28 -0.43 0.00
LITTLRIV_115KV_TB1 356100	24.94 -0.76 -3.89	23.40 -0.78 -3.71	24.12 -0.56 -3.80	24.44 -0.44 -3.83	25.47 -0.46 -3.95	29.29 -0.61 -4.42	37.67 -0.96 -5.43	39.71 -0.84 -5.63	37.17 -1.02 -5.39	33.28 -0.58 -4.91	32.86 -0.37 -4.84	31.06 -0.40 -4.62	28.91 -0.40 -4.36	27.42 -0.45 -4.19	26.35 -0.57 -4.07	26.47 -0.67 -4.09	29.08 -0.71 -4.41	34.85 -1.00 -4.49	24.40 -1.06 8.81	21.59 -1.09 13.67	39.11 -0.89 -5.58	33.05 -0.43 -4.86	29.19 -0.38 -4.40	27.47 -0.43 -4.20

LI_NEWBRDGE___DRP 323616	23.41 1.59 0.00	21.84 1.37 0.00	22.00 1.11 0.00	22.02 0.97 0.00	22.95 0.97 0.00	26.63 1.15 0.00	35.23 2.03 0.00	37.43 2.51 0.00	35.32 2.53 0.00	30.91 1.97 0.00	30.35 1.96 0.00	28.69 1.85 0.00	26.64 1.70 0.00	25.20 1.52 0.00	24.36 1.51 0.00	24.64 1.59 0.00	27.23 1.85 0.00	34.03 2.67 0.00	38.40 2.98 -1.15	41.72 3.23 -2.14	38.38 2.96 -1.00	33.82 1.95 -3.25	28.94 1.66 -2.11	25.20 1.49 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.52 -2.29 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.00 -1.98 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.29 -4.61 0.02	28.96 -3.84 0.00	25.56 -3.39 0.00	24.90 -3.49 0.00	23.78 -3.06 0.00	22.00 -2.94 0.00	21.15 -2.53 0.00	20.23 -2.63 0.00	20.49 -2.56 0.00	22.08 -3.30 0.00	26.82 -4.55 0.00	29.25 -5.00 0.02	31.44 -4.91 0.00	29.91 -4.51 0.00	24.96 -3.66 0.00	22.18 -3.00 0.00	21.55 -2.16 0.00
LOCKPORT___CC1 323769	20.37 -1.44 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.09 -1.89 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.40 -4.50 0.02	28.47 -4.33 0.00	25.47 -3.47 0.00	24.90 -3.49 0.00	23.78 -3.06 0.00	22.23 -2.72 0.00	21.15 -2.53 0.00	20.43 -2.42 0.00	20.56 -2.49 0.00	22.02 -3.35 0.00	26.82 -4.55 0.00	29.35 -4.90 0.02	31.43 -4.91 0.00	29.88 -4.54 0.00	24.98 -3.64 0.00	22.17 -3.00 0.00	21.55 -2.16 0.00
LOCKPORT___CC2 323770	20.37 -1.44 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.09 -1.89 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.40 -4.50 0.02	28.47 -4.33 0.00	25.47 -3.47 0.00	24.90 -3.49 0.00	23.78 -3.06 0.00	22.23 -2.72 0.00	21.15 -2.53 0.00	20.43 -2.42 0.00	20.56 -2.49 0.00	22.02 -3.35 0.00	26.82 -4.55 0.00	29.35 -4.90 0.02	31.43 -4.91 0.00	29.88 -4.54 0.00	24.98 -3.64 0.00	22.17 -3.00 0.00	21.55 -2.16 0.00
LOCKPORT___CC3 323771	20.37 -1.44 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.09 -1.89 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.40 -4.50 0.02	28.47 -4.33 0.00	25.47 -3.47 0.00	24.90 -3.49 0.00	23.78 -3.06 0.00	22.23 -2.72 0.00	21.15 -2.53 0.00	20.43 -2.42 0.00	20.56 -2.49 0.00	22.02 -3.35 0.00	26.82 -4.55 0.00	29.35 -4.90 0.02	31.43 -4.91 0.00	29.88 -4.54 0.00	24.98 -3.64 0.00	22.17 -3.00 0.00	21.55 -2.16 0.00
LONG_LAKE_PHOENIX 24014	21.53 -0.28 0.00	20.26 -0.20 0.00	20.60 -0.29 0.00	20.74 -0.32 0.00	21.69 -0.29 0.00	25.18 -0.31 0.00	32.81 -0.40 0.00	34.36 -0.56 0.00	32.24 -0.56 0.00	28.34 -0.61 0.00	27.80 -0.60 0.00	26.28 -0.56 0.00	24.40 -0.55 0.00	23.16 -0.52 0.00	22.33 -0.53 0.00	22.52 -0.53 0.00	24.77 -0.61 0.00	30.58 -0.78 0.00	33.52 -0.75 0.00	35.65 -0.69 0.00	33.77 -0.65 0.00	28.05 -0.57 0.00	24.62 -0.55 0.00	23.23 -0.47 0.00
LOVETT___3 23632	23.08 1.27 0.00	21.57 1.11 0.00	21.77 0.88 0.00	21.81 0.76 0.00	22.71 0.73 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.89 2.10 0.00	30.45 1.51 0.00	29.84 1.45 0.00	28.26 1.42 0.00	26.29 1.35 0.00	24.92 1.23 0.00	24.09 1.23 0.00	24.29 1.24 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.92 2.58 0.00	36.80 2.38 0.00	30.08 1.46 0.00	26.38 1.21 0.00	24.79 1.09 0.00
LOVETT___4 23642	23.08 1.27 0.00	21.57 1.11 0.00	21.77 0.88 0.00	21.81 0.76 0.00	22.71 0.73 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.89 2.10 0.00	30.45 1.51 0.00	29.84 1.45 0.00	28.26 1.42 0.00	26.29 1.35 0.00	24.92 1.23 0.00	24.09 1.23 0.00	24.29 1.24 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.92 2.58 0.00	36.80 2.38 0.00	30.08 1.46 0.00	26.38 1.21 0.00	24.79 1.09 0.00
LOVETT___5 23593	23.08 1.27 0.00	21.57 1.11 0.00	21.77 0.88 0.00	21.81 0.76 0.00	22.71 0.73 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.89 2.10 0.00	30.45 1.51 0.00	29.84 1.45 0.00	28.26 1.42 0.00	26.29 1.35 0.00	24.92 1.23 0.00	24.09 1.23 0.00	24.29 1.24 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.92 2.58 0.00	36.80 2.38 0.00	30.08 1.46 0.00	26.38 1.21 0.00	24.79 1.09 0.00
LOWER RAQUET___HYD 24057	24.92 -1.14 -4.24	23.43 -1.09 -4.05	24.16 -0.88 -4.14	24.45 -0.78 -4.18	25.48 -0.81 -4.31	29.24 -1.07 -4.82	37.53 -1.59 -5.92	39.49 -1.57 -6.14	37.13 -1.54 -5.88	33.20 -1.10 -5.36	32.67 -0.99 -5.28	30.89 -0.99 -5.04	28.73 -0.97 -4.76	27.28 -0.97 -4.57	26.27 -1.03 -4.44	26.40 -1.11 -4.46	29.05 -1.14 -4.81	34.79 -1.54 -4.96	24.39 -1.64 8.24	21.52 -1.78 13.04	38.93 -1.58 -6.09	32.95 -0.97 -5.30	29.14 -0.83 -4.80	27.43 -0.85 -4.58
LOWER___HUDSON 24059	22.64 0.83 0.00	21.33 0.86 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.59 0.61 0.00	26.19 0.71 0.00	34.60 1.39 0.00	36.52 1.61 0.00	34.24 1.44 0.00	29.96 1.01 0.00	29.30 0.91 0.00	27.65 0.80 0.00	25.69 0.75 0.00	24.44 0.76 0.00	23.61 0.75 0.00	23.83 0.78 0.00	26.31 0.94 0.00	32.75 1.38 0.00	35.85 1.58 0.00	37.98 1.64 0.00	36.00 1.58 0.00	29.71 1.09 0.00	25.98 0.81 0.00	24.41 0.71 0.00
LOWVILLE_115KV_TB2 356335	22.99 -0.04 -1.22	21.53 -0.10 -1.16	21.97 -0.10 -1.19	22.15 -0.11 -1.20	23.17 -0.04 -1.24	26.84 -0.03 -1.38	35.07 0.17 -1.70	37.03 0.35 -1.76	34.51 0.03 -1.69	30.22 -0.26 -1.54	29.65 -0.26 -1.51	28.02 -0.27 -1.45	25.71 -0.60 -1.37	24.40 -0.59 -1.31	23.49 -0.64 -1.27	23.70 -0.62 -1.28	26.17 -0.58 -1.38	32.31 -0.50 -1.45	32.16 -0.24 1.87	33.34 0.07 3.07	36.24 0.07 -1.75	30.48 0.34 -1.52	26.70 0.15 -1.38	25.11 0.09 -1.31
LUTHERFT_115KV_GLOB_FND_222 355753	22.97 1.16 0.00	21.55 1.08 0.00	21.85 0.96 0.00	21.94 0.88 0.00	22.90 0.92 0.00	26.63 1.15 0.00	35.13 1.93 0.00	37.08 2.16 0.00	34.73 1.93 0.00	30.42 1.48 0.00	29.75 1.36 0.00	28.00 1.15 0.00	25.99 1.05 0.00	24.73 1.04 0.00	23.86 1.01 0.00	24.06 1.01 0.00	26.57 1.19 0.00	33.09 1.73 0.00	36.29 2.02 0.00	38.49 2.14 0.00	36.49 2.07 0.00	30.08 1.46 0.00	26.28 1.11 0.00	24.75 1.04 0.00
LUTHERNY_35_KV_BK2 355980	22.99 1.18 0.00	21.57 1.11 0.00	21.85 0.96 0.00	21.96 0.91 0.00	22.93 0.95 0.00	26.65 1.17 0.00	35.13 1.93 0.00	37.12 2.20 0.00	34.76 1.97 0.00	30.42 1.48 0.00	29.78 1.39 0.00	28.02 1.18 0.00	26.02 1.07 0.00	24.73 1.04 0.00	23.88 1.03 0.00	24.06 1.01 0.00	26.57 1.19 0.00	33.12 1.76 0.00	36.33 2.06 0.00	38.52 2.18 0.00	36.49 2.07 0.00	30.11 1.49 0.00	26.30 1.13 0.00	24.75 1.04 0.00
LWR___OSWEGATCHIE_HYD 23850	23.80 -0.89 -2.88	22.32 -0.90 -2.75	22.89 -0.81 -2.82	23.13 -0.76 -2.84	24.14 -0.77 -2.93	27.84 -0.92 -3.28	36.03 -1.20 -4.02	37.97 -1.12 -4.17	35.58 -1.21 -3.99	31.51 -1.07 -3.64	30.90 -1.08 -3.59	29.22 -1.05 -3.42	27.03 -1.15 -3.23	25.65 -1.14 -3.11	24.71 -1.17 -3.02	24.86 -1.22 -3.03	27.40 -1.24 -3.27	33.27 -1.47 -3.38	27.46 -1.41 5.41	26.43 -1.31 8.60	37.39 -1.17 -4.14	31.51 -0.72 -3.60	27.73 -0.70 -3.26	26.08 -0.73 -3.11

LYONS_FALL_HYD 23570	22.86 0.24 -0.81	21.40 0.16 -0.77	21.83 0.15 -0.79	21.98 0.13 -0.80	22.98 0.18 -0.82	26.66 0.25 -0.92	34.90 0.56 -1.13	36.82 0.73 -1.17	34.34 0.43 -1.12	30.08 0.12 -1.02	29.57 0.17 -1.01	27.96 0.16 -0.96	25.75 -0.10 -0.91	24.46 -0.09 -0.87	23.56 -0.14 -0.85	23.76 -0.14 -0.85	26.22 -0.08 -0.92	32.41 0.06 -0.98	33.64 0.31 0.94	35.32 0.62 1.63	36.17 0.58 -1.16	30.23 0.60 -1.01	26.49 0.40 -0.92	24.91 0.33 -0.87
MADISON___COUNTY_LFGE 323628	22.51 0.70 0.00	21.08 0.61 0.00	21.45 0.56 0.00	21.62 0.57 0.00	22.62 0.64 0.00	26.27 0.79 0.00	34.43 1.23 0.00	36.24 1.33 0.00	33.88 1.08 0.00	29.64 0.69 0.00	29.13 0.74 0.00	27.54 0.70 0.00	25.54 0.60 0.00	24.25 0.57 0.00	23.38 0.53 0.00	23.58 0.53 0.00	25.98 0.61 0.00	32.21 0.85 0.00	35.37 1.10 0.00	37.80 1.45 0.00	35.80 1.38 0.00	29.68 1.06 0.00	26.00 0.83 0.00	24.46 0.76 0.00
MALONE___115KV_TB1 356076	39.40 -1.27 -18.85	37.22 -1.25 -18.00	38.24 -1.07 -18.42	38.67 -0.97 -18.58	40.14 -1.01 -19.17	45.70 -1.22 -21.44	57.69 -1.83 -26.31	60.45 -1.82 -27.35	57.26 -1.67 -26.14	51.57 -1.19 -23.81	50.71 -1.14 -23.45	48.11 -1.13 -22.40	45.05 -1.05 -21.16	42.96 -1.04 -20.31	41.54 -1.05 -19.74	41.78 -1.11 -19.84	45.64 -1.14 -21.41	53.86 -1.54 -24.03	35.39 -1.65 -2.77	29.91 -1.82 4.61	59.78 -1.72 -27.08	51.03 -1.14 -23.56	45.55 -0.96 -21.34	43.05 -1.00 -20.35
MAPLEWOD_115KV_TB3 80458	22.84 1.03 0.00	21.43 0.96 0.00	21.68 0.79 0.00	21.77 0.72 0.00	22.71 0.73 0.00	26.32 0.84 0.00	34.77 1.56 0.00	36.73 1.82 0.00	34.40 1.61 0.00	30.13 1.19 0.00	29.47 1.08 0.00	27.81 0.97 0.00	25.87 0.92 0.00	24.61 0.92 0.00	23.77 0.91 0.00	23.97 0.92 0.00	26.47 1.09 0.00	32.94 1.57 0.00	36.05 1.78 0.00	38.20 1.85 0.00	36.21 1.79 0.00	29.88 1.26 0.00	26.15 0.98 0.00	24.58 0.88 0.00
MAPLE_RIDGE_WT_1 323574	21.01 -0.81 0.00	19.71 -0.76 0.00	20.20 -0.69 0.00	20.38 -0.67 0.00	21.26 -0.72 0.00	24.62 -0.87 0.00	31.98 -1.23 0.00	33.62 -1.26 0.04	31.60 -1.18 0.01	27.99 -0.95 0.00	27.48 -0.91 0.00	25.98 -0.86 0.00	24.12 -0.82 0.00	22.90 -0.78 0.00	22.08 -0.78 0.01	22.23 -0.81 0.01	24.50 -0.86 0.01	28.97 -1.10 1.30	7.19 -1.20 25.88	0.00 -1.27 35.07	33.20 -1.21 0.01	27.70 -0.92 0.00	24.39 -0.78 0.00	22.97 -0.73 0.00
MAPLE_RIDGE_WT_2 323611	21.01 -0.81 0.00	19.71 -0.76 0.00	20.20 -0.69 0.00	20.38 -0.67 0.00	21.26 -0.72 0.00	24.62 -0.87 0.00	31.98 -1.23 0.00	33.62 -1.26 0.04	31.60 -1.18 0.01	27.99 -0.95 0.00	27.48 -0.91 0.00	25.98 -0.86 0.00	24.12 -0.82 0.00	22.90 -0.78 0.00	22.08 -0.78 0.01	22.23 -0.81 0.01	24.50 -0.86 0.01	28.97 -1.10 1.30	7.19 -1.20 25.88	0.00 -1.27 35.07	33.20 -1.21 0.01	27.70 -0.92 0.00	24.39 -0.78 0.00	22.97 -0.73 0.00
MARBLE_RIVER_WT_PWR 323696	-7.00 -1.57 27.24	-7.00 -1.45 26.02	-7.00 -1.27 26.61	-7.00 -1.20 26.85	-7.00 -1.28 27.70	-7.00 -1.50 30.98	-7.00 -2.19 38.01	-7.00 -2.34 39.58	-7.00 -2.00 37.79	-7.00 -1.53 34.41	-7.00 -1.51 33.89	-7.00 -1.48 32.37	-7.00 -1.37 30.57	-7.00 -1.33 29.36	-7.00 -1.33 28.53	-7.00 -1.36 28.69	-7.00 -1.42 30.95	-7.00 -1.88 36.49	-7.00 -2.09 39.18	-7.00 -2.33 41.01	-7.00 -2.27 39.15	-7.00 -1.57 34.05	-7.00 -1.33 30.84	-7.00 -1.30 29.40
MARSHVLE_115KV_TB1 80742	23.34 1.53 0.00	21.90 1.43 0.00	22.23 1.34 0.00	22.36 1.31 0.00	23.36 1.38 0.00	27.27 1.78 0.00	35.99 2.79 0.00	37.89 2.97 0.00	35.58 2.79 0.00	30.97 2.03 0.00	30.18 1.79 0.00	28.40 1.56 0.00	26.32 1.37 0.00	24.99 1.30 0.00	24.11 1.26 0.00	24.31 1.27 0.00	26.90 1.52 0.00	33.59 2.23 0.00	37.01 2.74 0.00	39.58 3.23 0.00	37.45 3.03 0.00	30.79 2.18 0.00	26.83 1.66 0.00	25.29 1.59 0.00
MARSH_HILL_WT_PWR 323713	22.08 0.26 0.00	20.59 0.12 0.00	20.93 0.04 0.00	21.05 0.00 0.00	22.11 0.13 0.00	25.76 0.28 0.00	33.37 0.17 0.00	34.45 -0.49 -0.02	32.17 -0.62 0.00	28.13 -0.81 0.00	27.63 -0.77 0.00	26.12 -0.72 0.00	24.15 -0.80 0.00	22.85 -0.83 0.00	22.08 -0.78 0.00	22.22 -0.83 0.00	24.36 -1.02 0.00	30.14 -1.22 0.00	33.16 -1.13 -0.02	35.69 -0.65 0.00	33.87 -0.55 0.00	28.05 -0.57 0.00	24.59 -0.58 0.00	23.35 -0.35 0.00
MCINTYRE_115KV_TB2 80467	24.63 -0.50 -3.32	23.11 -0.53 -3.17	23.86 -0.27 -3.24	24.16 -0.17 -3.27	25.20 -0.15 -3.38	29.00 -0.25 -3.77	37.31 -0.53 -4.63	39.37 -0.35 -4.80	36.80 -0.59 -4.60	32.94 -0.20 -4.19	32.49 -0.03 -4.13	30.70 -0.08 -3.94	28.60 -0.07 -3.73	27.09 -0.17 -3.58	26.03 -0.30 -3.48	26.14 -0.39 -3.49	28.76 -0.38 -3.76	34.46 -0.63 -3.72	23.88 -0.65 9.74	21.06 -0.62 14.67	38.74 -0.45 -4.76	32.71 -0.06 -4.15	28.90 -0.03 -3.76	27.19 -0.09 -3.58
MECO___69_KV_BK1 80468	24.13 2.31 0.00	22.64 2.17 0.00	23.00 2.11 0.00	23.14 2.08 0.00	24.20 2.22 0.00	28.34 2.85 0.00	37.46 4.25 0.00	39.42 4.50 0.00	36.30 3.51 0.00	31.41 2.46 0.00	31.15 2.75 0.00	29.02 2.17 0.00	26.89 1.95 0.00	25.58 1.89 0.00	24.64 1.78 0.00	24.84 1.80 0.00	27.63 2.26 0.00	34.79 3.42 0.00	38.42 4.15 0.00	41.07 4.72 0.00	38.86 4.44 0.00	31.94 3.32 0.00	27.69 2.52 0.00	26.17 2.47 0.00
MENANDS___115KV_TB5 355628	22.80 0.98 0.00	21.39 0.92 0.00	21.66 0.77 0.00	21.73 0.67 0.00	22.66 0.68 0.00	26.27 0.79 0.00	34.70 1.49 0.00	36.66 1.75 0.00	34.34 1.54 0.00	30.07 1.13 0.00	29.41 1.02 0.00	27.75 0.91 0.00	25.84 0.90 0.00	24.58 0.90 0.00	23.74 0.89 0.00	23.95 0.90 0.00	26.42 1.04 0.00	32.87 1.51 0.00	35.98 1.71 0.00	38.09 1.74 0.00	36.11 1.69 0.00	29.79 1.17 0.00	26.10 0.93 0.00	24.53 0.83 0.00
MG INDUSTRY___DRP 24185	22.75 0.94 0.00	21.37 0.90 0.00	21.66 0.77 0.00	21.77 0.72 0.00	22.71 0.73 0.00	26.32 0.84 0.00	34.63 1.43 0.00	36.52 1.61 0.00	34.21 1.41 0.00	29.99 1.04 0.00	29.33 0.94 0.00	27.65 0.81 0.00	25.72 0.77 0.00	24.44 0.76 0.00	23.61 0.75 0.00	23.81 0.76 0.00	26.24 0.86 0.00	32.62 1.25 0.00	35.71 1.44 0.00	37.83 1.49 0.00	35.87 1.45 0.00	29.62 1.00 0.00	25.98 0.81 0.00	24.46 0.76 0.00
MID___OSWEGATCHIE_HYD 23849	23.80 -0.89 -2.88	22.32 -0.90 -2.75	22.89 -0.81 -2.82	23.13 -0.76 -2.84	24.14 -0.77 -2.93	27.84 -0.92 -3.28	36.03 -1.20 -4.02	37.97 -1.12 -4.17	35.58 -1.21 -3.99	31.51 -1.07 -3.64	30.90 -1.08 -3.59	29.22 -1.05 -3.42	27.03 -1.15 -3.23	25.65 -1.14 -3.11	24.71 -1.17 -3.02	24.86 -1.22 -3.03	27.40 -1.24 -3.27	33.27 -1.47 -3.38	27.46 -1.41 5.41	26.43 -1.31 8.60	37.39 -1.17 -4.14	31.51 -0.72 -3.60	27.73 -0.70 -3.26	26.08 -0.73 -3.11
MID___RAQUETTE_HYD 23851	24.97 -1.09 -4.24	23.43 -1.08 -4.05	24.16 -0.88 -4.14	24.45 -0.78 -4.18	25.48 -0.81 -4.31	29.24 -1.07 -4.82	37.53 -1.59 -5.92	39.49 -1.57 -6.14	37.10 -1.57 -5.88	33.20 -1.10 -5.36	32.67 -0.99 -5.28	30.89 -0.99 -5.04	28.76 -0.95 -4.76	27.28 -0.97 -4.57	26.27 -1.03 -4.44	26.42 -1.08 -4.46	29.05 -1.14 -4.81	34.79 -1.54 -4.96	24.39 -1.65 8.24	21.52 -1.78 13.04	38.93 -1.58 -6.09	32.95 -0.97 -5.30	29.14 -0.83 -4.80	27.43 -0.85 -4.58

MILLIKEN___1 23584	22.34 0.52 0.00	20.98 0.51 0.00	21.33 0.44 0.00	21.49 0.44 0.00	22.51 0.53 0.00	26.14 0.66 0.00	34.27 1.06 0.00	35.90 0.98 0.00	33.58 0.79 0.00	29.44 0.49 0.00	28.73 0.34 0.00	27.16 0.32 0.00	25.19 0.25 0.00	23.90 0.21 0.00	23.01 0.16 0.00	23.23 0.18 0.00	25.58 0.20 0.00	31.68 0.31 0.00	34.82 0.55 0.00	37.21 0.87 0.00	35.25 0.83 0.00	29.19 0.57 0.00	25.60 0.43 0.00	24.15 0.45 0.00
MILLIKEN___2 23585	22.34 0.52 0.00	20.98 0.51 0.00	21.33 0.44 0.00	21.49 0.44 0.00	22.51 0.53 0.00	26.14 0.66 0.00	34.27 1.06 0.00	35.90 0.98 0.00	33.58 0.79 0.00	29.44 0.49 0.00	28.73 0.34 0.00	27.16 0.32 0.00	25.19 0.25 0.00	23.90 0.21 0.00	23.01 0.16 0.00	23.23 0.18 0.00	25.58 0.20 0.00	31.68 0.31 0.00	34.82 0.55 0.00	37.21 0.87 0.00	35.25 0.83 0.00	29.19 0.57 0.00	25.60 0.43 0.00	24.15 0.45 0.00
MILLIKEN___DIESEL 23629	22.34 0.52 0.00	20.98 0.51 0.00	21.33 0.44 0.00	21.49 0.44 0.00	22.51 0.53 0.00	26.14 0.66 0.00	34.27 1.06 0.00	35.90 0.98 0.00	33.58 0.79 0.00	29.44 0.49 0.00	28.73 0.34 0.00	27.16 0.32 0.00	25.19 0.25 0.00	23.90 0.21 0.00	23.01 0.16 0.00	23.23 0.18 0.00	25.58 0.20 0.00	31.68 0.31 0.00	34.82 0.55 0.00	37.21 0.87 0.00	35.25 0.83 0.00	29.19 0.57 0.00	25.60 0.43 0.00	24.15 0.45 0.00
MILLSEAT___LFGE 323607	20.70 -1.11 0.00	18.91 -1.56 0.00	19.24 -1.65 0.00	19.47 -1.58 0.00	20.48 -1.50 0.00	23.62 -1.86 0.00	30.58 -2.62 0.00	31.34 -3.56 0.02	29.29 -3.51 0.00	26.08 -2.87 0.00	25.50 -2.90 0.00	24.29 -2.55 0.00	22.68 -2.27 0.00	21.58 -2.11 0.00	20.82 -2.03 0.00	20.95 -2.10 0.00	22.53 -2.84 0.00	27.51 -3.86 0.00	30.28 -3.97 0.02	32.42 -3.93 0.00	30.81 -3.61 0.00	25.67 -2.95 0.00	22.70 -2.47 0.00	21.95 -1.75 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.12 1.31 0.00	21.63 1.17 0.00	21.81 0.92 0.00	21.85 0.80 0.00	22.75 0.77 0.00	26.40 0.92 0.00	35.03 1.83 0.00	37.15 2.23 0.00	34.99 2.20 0.00	30.54 1.59 0.00	29.92 1.53 0.00	28.34 1.50 0.00	26.34 1.40 0.00	24.96 1.28 0.00	24.13 1.28 0.00	24.36 1.31 0.00	26.85 1.47 0.00	33.59 2.23 0.00	36.70 2.43 0.00	39.03 2.69 0.00	36.86 2.44 0.00	30.17 1.55 0.00	26.43 1.26 0.00	24.84 1.14 0.00
MILLWOOD_13_KV_LOAD 356217	23.19 1.37 0.00	21.68 1.21 0.00	21.85 0.96 0.00	21.91 0.86 0.00	22.77 0.79 0.00	26.45 0.97 0.00	35.10 1.89 0.00	37.26 2.34 0.00	35.09 2.30 0.00	30.62 1.68 0.00	29.98 1.59 0.00	28.42 1.58 0.00	26.42 1.47 0.00	25.01 1.33 0.00	24.18 1.33 0.00	24.41 1.36 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.81 2.54 0.00	39.14 2.80 0.00	37.00 2.58 0.00	30.25 1.63 0.00	26.50 1.33 0.00	24.91 1.21 0.00
MODEL_CITY_ENERGY 24167	20.18 -1.64 0.00	18.38 -2.09 0.00	18.72 -2.17 0.00	18.90 -2.15 0.00	19.89 -2.09 0.00	22.86 -2.62 0.00	29.49 -3.72 0.00	30.05 -4.85 0.02	28.14 -4.66 0.00	25.18 -3.76 0.00	24.62 -3.78 0.00	23.54 -3.30 0.00	22.03 -2.92 0.00	20.94 -2.75 0.00	20.23 -2.63 0.00	20.35 -2.70 0.00	21.82 -3.55 0.00	26.54 -4.83 0.00	29.05 -5.21 0.02	31.07 -5.27 0.00	29.53 -4.89 0.00	24.70 -3.92 0.00	21.95 -3.22 0.00	21.31 -2.39 0.00
MODERN_LFGE___ 323580	20.18 -1.64 0.00	18.38 -2.09 0.00	18.72 -2.17 0.00	18.90 -2.15 0.00	19.89 -2.09 0.00	22.86 -2.62 0.00	29.49 -3.72 0.00	30.05 -4.85 0.02	28.14 -4.66 0.00	25.18 -3.76 0.00	24.62 -3.78 0.00	23.54 -3.30 0.00	22.03 -2.92 0.00	20.94 -2.75 0.00	20.23 -2.63 0.00	20.35 -2.70 0.00	21.82 -3.55 0.00	26.54 -4.83 0.00	29.05 -5.21 0.02	31.07 -5.27 0.00	29.53 -4.89 0.00	24.70 -3.92 0.00	21.95 -3.22 0.00	21.31 -2.39 0.00
MOHAWK_PAPER___DRP 24187	22.84 1.03 0.00	21.43 0.96 0.00	21.68 0.79 0.00	21.77 0.72 0.00	22.71 0.73 0.00	26.32 0.84 0.00	34.77 1.56 0.00	36.73 1.82 0.00	34.40 1.61 0.00	30.13 1.19 0.00	29.47 1.08 0.00	27.81 0.97 0.00	25.87 0.92 0.00	24.61 0.92 0.00	23.77 0.91 0.00	23.97 0.92 0.00	26.47 1.09 0.00	32.94 1.57 0.00	36.05 1.78 0.00	38.20 1.85 0.00	36.21 1.79 0.00	29.88 1.26 0.00	26.15 0.98 0.00	24.58 0.88 0.00
MOHICAN__35_KV_115KV_LD 80490	23.10 1.29 0.00	21.68 1.21 0.00	21.98 1.09 0.00	22.06 1.01 0.00	23.06 1.08 0.00	26.86 1.38 0.00	35.50 2.29 0.00	37.50 2.58 0.00	35.16 2.36 0.00	30.74 1.79 0.00	30.10 1.70 0.00	28.21 1.37 0.00	26.17 1.22 0.00	24.89 1.21 0.00	24.00 1.14 0.00	24.18 1.13 0.00	26.75 1.37 0.00	33.41 2.04 0.00	36.67 2.40 0.00	38.96 2.62 0.00	36.90 2.48 0.00	30.37 1.75 0.00	26.45 1.28 0.00	24.89 1.19 0.00
MONGAUP___HYD 23641	22.75 0.94 0.00	21.37 0.90 0.00	21.60 0.71 0.00	21.66 0.61 0.00	22.55 0.57 0.00	26.22 0.74 0.00	34.37 1.16 0.00	36.38 1.47 0.00	34.04 1.25 0.00	29.61 0.67 0.00	29.16 0.77 0.00	27.67 0.83 0.00	25.64 0.70 0.00	24.32 0.64 0.00	23.49 0.64 0.00	23.74 0.69 0.00	26.24 0.86 0.00	32.62 1.26 0.00	35.98 1.71 0.00	38.19 1.85 0.00	36.14 1.72 0.00	29.77 1.15 0.00	26.08 0.90 0.00	24.51 0.81 0.00
MONTAUK___DIESEL 23721	24.04 2.23 0.00	22.31 1.84 0.00	22.46 1.57 0.00	22.48 1.43 0.00	23.52 1.54 0.00	27.27 1.78 0.00	36.19 2.99 0.00	38.41 3.49 0.00	36.40 3.61 0.00	31.78 2.84 0.00	31.14 2.73 -0.02	29.40 2.47 -0.09	27.11 2.17 0.00	25.48 1.80 0.00	24.75 1.90 0.00	25.19 2.14 0.00	28.01 2.64 0.00	35.19 3.83 0.00	39.67 4.25 -1.15	42.99 4.51 -2.14	39.52 4.10 -1.00	34.68 2.80 -3.25	29.68 2.32 -2.19	26.06 2.11 -0.25
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.85 -1.96 0.00	18.52 -1.94 0.00	18.84 -2.05 0.00	19.26 -1.79 0.00	20.00 -1.98 0.00	23.19 -2.29 0.00	30.68 -2.52 0.00	30.51 -4.40 0.01	29.45 -3.35 0.00	25.82 -3.13 0.00	25.07 -3.32 0.00	23.94 -2.90 0.00	22.18 -2.77 0.00	21.27 -2.42 0.00	20.36 -2.49 0.00	20.60 -2.44 0.00	22.23 -3.15 0.00	27.16 -4.20 0.00	29.39 -4.87 0.01	32.13 -4.22 0.00	30.74 -3.68 0.00	25.64 -2.98 0.00	22.78 -2.39 0.00	22.21 -1.49 0.00
MORTIMER_115KV_TB3 55949	20.55 -1.27 0.00	19.42 -1.04 0.00	19.76 -1.13 0.00	19.96 -1.09 0.00	20.92 -1.06 0.00	24.26 -1.22 0.00	31.48 -1.73 0.00	32.66 -2.23 0.02	30.93 -1.87 0.00	27.24 -1.71 0.00	26.57 -1.82 0.00	25.23 -1.61 0.00	23.40 -1.55 0.00	22.36 -1.33 0.00	21.46 -1.39 0.00	21.69 -1.36 0.00	23.60 -1.78 0.00	28.92 -2.45 0.00	31.81 -2.43 0.02	33.91 -2.43 0.00	32.18 -2.24 0.00	26.70 -1.92 0.00	23.53 -1.64 0.00	22.45 -1.26 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.23 1.42 0.00	21.72 1.25 0.00	21.89 1.00 0.00	21.91 0.86 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.00 1.62 0.00	33.81 2.45 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.55 1.38 0.00	24.98 1.28 0.00

MUNSVILLE_WIND_PWR 323609	23.65 1.83 0.00	21.96 1.49 0.00	22.35 1.46 0.00	22.50 1.45 0.00	23.63 1.65 0.00	27.57 2.09 0.00	36.46 3.26 0.00	38.52 3.60 0.00	35.78 2.98 0.00	31.09 2.14 0.00	30.32 1.93 0.00	28.56 1.72 0.00	26.44 1.50 0.00	25.01 1.33 0.00	24.04 1.19 0.00	24.22 1.17 0.00	26.67 1.29 0.00	33.25 1.88 0.00	36.88 2.60 0.00	39.76 3.42 0.00	37.62 3.20 0.00	30.99 2.37 0.00	27.06 1.89 0.00	25.53 1.83 0.00
N SALMON___HYD 24042	39.34 -1.33 -18.85	37.22 -1.25 -18.00	38.24 -1.06 -18.42	38.67 -0.97 -18.58	40.14 -1.01 -19.17	45.70 -1.22 -21.44	57.69 -1.83 -26.31	60.49 -1.78 -27.35	57.30 -1.64 -26.14	51.60 -1.16 -23.81	50.71 -1.14 -23.45	48.11 -1.13 -22.40	45.03 -1.07 -21.16	42.96 -1.04 -20.31	41.52 -1.07 -19.74	41.78 -1.11 -19.84	45.64 -1.14 -21.41	53.86 -1.54 -24.03	35.39 -1.64 -2.77	29.92 -1.82 4.61	59.81 -1.69 -27.08	51.03 -1.15 -23.56	45.55 -0.96 -21.34	43.05 -0.99 -20.35
N.AKRON___115KV_KNAPP 355671	19.92 -1.90 0.00	18.91 -1.56 0.00	19.24 -1.65 0.00	19.47 -1.58 0.00	20.40 -1.58 0.00	23.62 -1.86 0.00	30.55 -2.66 0.00	31.16 -3.74 0.02	29.71 -3.08 0.00	26.17 -2.78 0.00	25.47 -2.92 0.00	24.29 -2.55 0.00	22.48 -2.47 0.00	21.58 -2.11 0.00	20.64 -2.22 0.00	20.88 -2.17 0.00	22.56 -2.82 0.00	27.51 -3.86 0.00	30.11 -4.15 0.02	32.38 -3.96 0.00	30.81 -3.61 0.00	25.64 -2.98 0.00	22.68 -2.49 0.00	21.93 -1.78 0.00
N.BELMOR_69_KV_BK1 55787	23.63 1.81 0.00	22.02 1.56 0.00	22.18 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.53 2.32 0.00	37.78 2.86 0.00	35.65 2.85 0.00	31.20 2.26 0.00	30.73 2.21 -0.12	29.46 2.09 -0.52	26.87 1.92 0.00	25.41 1.73 0.00	24.54 1.69 0.00	24.84 1.80 0.00	27.46 2.08 0.00	34.32 2.95 0.00	38.75 3.32 -1.15	42.12 3.63 -2.14	38.76 3.34 -1.00	34.12 2.23 -3.27	29.60 1.86 -2.57	26.80 1.71 -1.38
N.E_GEN_SANDY PD 24062	22.69 0.87 0.00	21.39 0.92 0.00	21.60 0.71 0.00	21.64 0.59 0.00	22.53 0.55 0.00	26.14 0.66 0.00	34.60 1.39 0.00	36.56 1.64 0.00	34.34 1.54 0.00	30.02 1.07 0.00	29.30 0.91 0.00	27.70 0.86 0.00	25.74 0.80 0.00	24.49 0.81 0.00	23.67 0.82 0.00	23.90 0.85 0.00	27.09 1.02 -0.70	32.20 1.54 0.70	35.95 1.68 0.00	38.05 1.71 0.00	35.06 1.69 1.04	30.75 1.09 -1.04	26.00 0.83 0.00	24.41 0.71 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.10 1.29 0.00	21.61 1.15 0.00	21.81 0.92 0.00	21.85 0.80 0.00	22.75 0.77 0.00	26.42 0.94 0.00	35.03 1.83 0.00	37.15 2.23 0.00	34.96 2.16 0.00	30.51 1.56 0.00	29.87 1.48 0.00	28.32 1.48 0.00	26.32 1.37 0.00	24.94 1.26 0.00	24.11 1.26 0.00	24.34 1.29 0.00	26.80 1.42 0.00	33.53 2.16 0.00	36.67 2.40 0.00	39.03 2.69 0.00	36.86 2.44 0.00	30.14 1.52 0.00	26.40 1.23 0.00	24.84 1.14 0.00
N.QUEENS_27_KV_LOAD 356247	23.42 1.59 -0.01	21.91 1.43 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.42 0.94 0.00	34.90 1.69 0.00	37.12 2.20 0.00	35.09 2.30 0.00	30.65 1.71 0.00	30.01 1.62 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.18 1.49 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.00 1.62 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.21 2.87 0.00	36.93 2.51 0.00	30.11 1.49 0.00	26.58 1.41 0.00	25.13 1.42 0.00
N.TROY___115KV_TB1 355778	22.73 0.92 0.00	21.33 0.86 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.60 0.62 0.00	26.20 0.71 0.00	34.60 1.39 0.00	36.56 1.64 0.00	34.21 1.41 0.00	29.96 1.01 0.00	29.30 0.91 0.00	27.65 0.81 0.00	25.72 0.77 0.00	24.44 0.76 0.00	23.63 0.78 0.00	23.83 0.78 0.00	26.31 0.94 0.00	32.75 1.38 0.00	35.85 1.58 0.00	37.94 1.60 0.00	36.00 1.58 0.00	29.71 1.09 0.00	25.98 0.81 0.00	24.41 0.71 0.00
NARROWS_GT1_1 24228	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT1_2 24229	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT1_3 24230	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT1_4 24231	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT1_5 24232	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT1_6 24233	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT1_7 24234	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01

NARROWS_GT1_8 24235	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_1 24236	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_2 24237	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_3 24238	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_4 24239	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_5 24240	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_6 24241	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_7 24242	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NARROWS_GT2_8 24243	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.21 1.40 0.00	21.78 1.31 0.00	22.08 1.19 0.00	22.19 1.14 0.00	23.19 1.21 0.00	26.96 1.48 0.00	35.53 2.32 0.00	37.50 2.58 0.00	34.96 2.16 0.00	30.42 1.48 0.00	29.64 1.25 0.00	27.86 1.02 0.00	25.89 0.95 0.00	24.61 0.92 0.00	23.77 0.91 0.00	23.97 0.92 0.00	26.52 1.14 0.00	33.12 1.76 0.00	36.40 2.12 0.00	38.70 2.36 0.00	36.73 2.31 0.00	30.25 1.63 0.00	26.43 1.26 0.00	24.94 1.23 0.00
NCHELSEA_115KV_TR2 355582	23.15 1.33 0.00	21.68 1.21 0.00	21.87 0.98 0.00	21.94 0.88 0.00	22.84 0.86 0.00	26.53 1.04 0.00	35.13 1.93 0.00	37.26 2.34 0.00	34.99 2.20 0.00	30.48 1.53 0.00	29.81 1.42 0.00	28.21 1.37 0.00	26.22 1.27 0.00	24.84 1.16 0.00	24.02 1.17 0.00	24.22 1.18 0.00	26.75 1.37 0.00	33.50 2.13 0.00	36.67 2.40 0.00	39.03 2.69 0.00	36.90 2.48 0.00	30.19 1.57 0.00	26.43 1.26 0.00	24.84 1.14 0.00
NEG CAPITAL___MECHNVIL 23645	22.93 1.11 0.00	21.55 1.08 0.00	21.83 0.94 0.00	21.94 0.88 0.00	22.88 0.90 0.00	26.60 1.12 0.00	35.13 1.93 0.00	37.08 2.17 0.00	34.73 1.93 0.00	30.42 1.48 0.00	29.78 1.39 0.00	28.02 1.18 0.00	25.99 1.05 0.00	24.75 1.07 0.00	23.88 1.03 0.00	24.09 1.04 0.00	26.62 1.24 0.00	33.15 1.79 0.00	36.33 2.06 0.00	38.56 2.22 0.00	36.52 2.10 0.00	30.11 1.49 0.00	26.28 1.11 0.00	24.75 1.04 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.86 -0.96 0.00	19.32 -1.15 0.00	19.66 -1.23 0.00	19.85 -1.20 0.00	20.84 -1.14 0.00	24.16 -1.33 0.00	31.41 -1.79 0.00	32.79 -2.09 0.03	30.63 -2.17 0.00	27.12 -1.82 0.00	26.57 -1.82 0.00	25.18 -1.66 0.00	23.45 -1.50 0.00	22.24 -1.45 0.00	21.48 -1.37 0.00	21.62 -1.43 0.00	23.55 -1.83 0.00	28.95 -2.41 0.00	31.91 -2.33 0.03	33.94 -2.40 0.00	32.15 -2.27 0.00	26.67 -1.95 0.00	23.46 -1.71 0.00	22.28 -1.42 0.00
NEG CENTRAL___DRP 24199	21.79 -0.02 0.00	20.49 0.02 0.00	20.85 -0.04 0.00	20.99 -0.06 0.00	22.00 0.02 0.00	25.58 0.10 0.00	33.50 0.30 0.00	34.90 -0.10 -0.08	32.70 -0.10 0.00	28.68 -0.26 0.00	28.08 -0.31 0.00	26.57 -0.27 0.00	24.65 -0.30 0.00	23.40 -0.28 0.00	22.53 -0.32 0.00	22.72 -0.32 0.00	24.97 -0.41 0.00	30.83 -0.53 0.00	33.98 -0.38 -0.08	36.12 -0.22 0.00	34.25 -0.17 0.00	28.39 -0.23 0.00	24.92 -0.25 0.00	23.56 -0.14 0.00
NEG CENTRAL___INDECK 23768	22.10 0.28 0.00	20.51 0.04 0.00	20.85 -0.04 0.00	21.03 -0.02 0.00	22.13 0.15 0.00	25.76 0.28 0.00	33.61 0.40 0.00	34.75 -0.17 0.00	32.17 -0.62 0.00	28.16 -0.78 0.00	27.46 -0.94 0.00	26.01 -0.83 0.00	24.17 -0.77 0.00	22.88 -0.81 0.00	22.10 -0.75 0.00	22.29 -0.76 0.00	24.36 -1.02 0.00	30.11 -1.26 0.00	33.45 -0.82 0.00	36.01 -0.33 0.00	34.25 -0.17 0.00	28.33 -0.29 0.00	24.79 -0.38 0.00	23.54 -0.16 0.00

NEG CENTRAL___SENECA 23627	21.77 -0.04 0.00	20.49 0.02 0.00	20.83 -0.06 0.00	20.99 -0.06 0.00	22.02 0.04 0.00	25.63 0.15 0.00	33.60 0.40 0.00	34.88 -0.17 -0.14	32.63 -0.16 0.00	28.57 -0.38 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.55 -0.40 0.00	23.33 -0.36 0.00	22.46 -0.39 0.00	22.66 -0.39 0.00	24.84 -0.53 0.00	30.68 -0.69 0.00	33.90 -0.51 -0.14	36.01 -0.33 0.00	34.21 -0.21 0.00	28.33 -0.29 0.00	24.84 -0.33 0.00	23.54 -0.17 0.00
NEG CENTRAL___STATE_STREET 24147	21.88 0.07 0.00	20.59 0.12 0.00	20.93 0.04 0.00	21.09 0.04 0.00	22.07 0.09 0.00	25.63 0.15 0.00	33.50 0.30 0.00	35.11 0.17 -0.02	33.19 0.39 0.00	29.23 0.29 0.00	28.33 -0.06 0.00	26.81 -0.03 0.00	24.87 -0.07 0.00	23.64 -0.05 0.00	22.76 -0.09 0.00	22.95 -0.09 0.00	25.25 -0.13 0.00	31.18 -0.19 0.00	34.22 -0.07 -0.02	36.45 0.11 0.00	34.56 0.14 0.00	28.59 -0.03 0.00	25.07 -0.10 0.00	23.68 -0.02 0.00
NEG MILLWOOD___DRP 24198	23.23 1.42 0.00	21.74 1.27 0.00	21.95 1.07 0.00	22.02 0.97 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.23 2.03 0.00	37.47 2.55 0.00	35.22 2.43 0.00	30.68 1.74 0.00	30.01 1.62 0.00	28.40 1.56 0.00	26.37 1.42 0.00	24.96 1.28 0.00	24.13 1.28 0.00	24.38 1.34 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.88 2.60 0.00	39.21 2.87 0.00	37.14 2.72 0.00	30.37 1.75 0.00	26.55 1.38 0.00	24.96 1.26 0.00
NEG NORTH_FLCN_SEA 23793	-6.99 -1.31 27.50	-7.06 -1.27 26.26	-7.06 -1.09 26.86	-7.06 -1.01 27.10	-7.06 -1.08 27.97	-7.06 -1.27 31.27	-7.06 -1.89 38.37	-6.99 -1.96 39.95	-7.09 -1.74 38.15	-7.03 -1.24 34.73	-7.06 -1.25 34.20	-7.06 -1.23 32.67	-7.04 -1.12 30.86	-7.06 -1.11 29.63	-7.06 -1.12 28.80	-7.06 -1.15 28.96	-7.06 -1.19 31.25	-7.27 -1.82 36.82	-7.05 -1.95 39.37	-7.00 -2.18 41.16	-6.99 -1.89 39.52	-7.03 -1.29 34.37	-7.04 -1.08 31.13	-7.04 -1.07 29.68
NEG NORTH_KES_CHATEGAY 23792	-8.95 -1.46 29.30	-8.92 -1.41 27.98	-8.95 -1.21 28.62	-8.97 -1.14 28.88	-9.00 -1.19 29.80	-9.26 -1.43 33.32	-9.80 -2.13 40.88	-9.85 -2.20 42.57	-9.85 -2.00 40.65	-9.54 -1.48 37.01	-9.50 -1.45 36.45	-9.39 -1.42 34.81	-9.26 -1.32 32.88	-9.19 -1.30 31.57	-9.11 -1.28 30.68	-9.12 -1.31 30.85	-9.29 -1.37 33.29	-9.62 -1.82 39.17	-8.41 -1.95 40.73	-8.04 -2.18 42.20	-9.78 -2.10 42.10	-9.43 -1.43 36.62	-9.20 -1.21 33.16	-9.13 -1.21 31.62
NEG NORTH___ALICE_FALLS 23915	-7.15 -1.18 27.79	-7.21 -1.15 26.53	-7.24 -0.98 27.14	-7.22 -0.88 27.39	-7.22 -0.95 28.26	-7.23 -1.12 31.59	-7.26 -1.69 38.77	-7.16 -1.71 40.36	-7.29 -1.54 38.55	-7.22 -1.07 35.09	-7.22 -1.05 34.56	-7.21 -1.05 33.01	-7.18 -0.95 31.18	-7.23 -0.97 29.94	-7.20 -0.96 29.09	-7.18 -0.97 29.26	-7.18 -0.99 31.57	-7.27 -1.44 37.19	-6.86 -1.54 39.59	-6.73 -1.74 41.33	-7.05 -1.55 39.93	-7.13 -1.03 34.72	-7.13 -0.86 31.45	-7.16 -0.88 29.98
NEG NORTH___LWR_SARANAC 23913	-7.15 -1.18 27.79	-7.21 -1.15 26.53	-7.24 -0.98 27.14	-7.22 -0.88 27.39	-7.22 -0.95 28.26	-7.23 -1.12 31.59	-7.26 -1.69 38.77	-7.16 -1.71 40.36	-7.29 -1.54 38.55	-7.22 -1.07 35.09	-7.22 -1.05 34.56	-7.21 -1.05 33.01	-7.18 -0.95 31.18	-7.23 -0.97 29.94	-7.20 -0.96 29.09	-7.18 -0.97 29.26	-7.18 -0.99 31.57	-7.27 -1.44 37.19	-6.86 -1.54 39.59	-6.73 -1.74 41.33	-7.05 -1.55 39.93	-7.13 -1.03 34.72	-7.13 -0.86 31.45	-7.16 -0.88 29.98
NEG NORTH___PLATTSBURG 23628	-7.19 -1.22 27.79	-7.21 -1.15 26.53	-7.24 -0.98 27.14	-7.22 -0.88 27.39	-7.22 -0.94 28.26	-7.23 -1.12 31.59	-7.26 -1.69 38.77	-7.19 -1.74 40.36	-7.26 -1.51 38.55	-7.22 -1.07 35.09	-7.22 -1.05 34.56	-7.21 -1.05 33.01	-7.21 -0.97 31.18	-7.23 -0.97 29.94	-7.20 -0.96 29.09	-7.18 -0.97 29.26	-7.19 -0.99 31.57	-7.27 -1.44 37.19	-6.86 -1.54 39.59	-6.73 -1.74 41.33	-7.09 -1.58 39.93	-7.13 -1.03 34.72	-7.13 -0.86 31.45	-7.16 -0.88 29.98
NEG WEST_LEA_LOCKPORT 23791	19.52 -2.29 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.00 -1.98 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.26 -4.64 0.02	28.96 -3.84 0.00	25.56 -3.39 0.00	24.87 -3.52 0.00	23.78 -3.06 0.00	22.00 -2.94 0.00	21.15 -2.53 0.00	20.23 -2.63 0.00	20.49 -2.56 0.00	22.08 -3.30 0.00	26.82 -4.55 0.00	29.22 -5.04 0.02	31.44 -4.91 0.00	29.88 -4.54 0.00	24.96 -3.66 0.00	22.18 -3.00 0.00	21.55 -2.16 0.00
NEG WEST___LANCASTER 23811	20.90 -0.92 0.00	19.73 -0.74 0.00	20.10 -0.79 0.00	20.27 -0.78 0.00	21.25 -0.73 0.00	24.62 -0.87 0.00	32.01 -1.20 0.00	31.52 -3.39 0.01	30.76 -2.03 0.00	27.06 -1.88 0.00	26.38 -2.02 0.00	25.18 -1.66 0.00	23.30 -1.65 0.00	22.31 -1.37 0.00	21.39 -1.46 0.00	21.64 -1.41 0.00	23.32 -2.06 0.00	28.45 -2.92 0.00	30.21 -4.04 0.01	33.40 -2.94 0.00	31.77 -2.65 0.00	26.44 -2.18 0.00	23.48 -1.69 0.00	22.92 -0.78 0.00
NEG_PENN_ALLEGHNY 23528	22.16 0.35 0.00	20.71 0.25 0.00	21.04 0.15 0.00	21.16 0.11 0.00	22.16 0.18 0.00	25.74 0.25 0.00	33.74 0.53 0.00	35.41 0.49 -0.01	33.22 0.43 0.00	29.20 0.26 0.00	28.59 0.20 0.00	27.03 0.19 0.00	25.12 0.18 0.00	23.83 0.14 0.00	22.99 0.14 0.00	23.19 0.14 0.00	25.45 0.08 0.00	31.49 0.13 0.00	34.48 0.21 -0.01	36.81 0.47 0.00	34.87 0.45 0.00	28.88 0.26 0.00	25.35 0.18 0.00	23.96 0.26 0.00
NEG___GEN_MONROE 24207	20.53 -1.29 0.00	19.42 -1.04 0.00	19.78 -1.11 0.00	20.00 -1.05 0.00	20.97 -1.01 0.00	24.36 -1.12 0.00	31.58 -1.63 0.00	32.66 -2.23 0.02	30.86 -1.93 0.00	27.12 -1.82 0.00	26.46 -1.93 0.00	25.10 -1.74 0.00	23.27 -1.67 0.00	22.26 -1.42 0.00	21.35 -1.51 0.00	21.57 -1.48 0.00	23.45 -1.93 0.00	28.73 -2.63 0.00	31.57 -2.67 0.02	33.76 -2.58 0.00	32.05 -2.38 0.00	26.64 -1.97 0.00	23.48 -1.69 0.00	22.47 -1.23 0.00
NEPA___ENERGY 23901	20.48 -1.33 0.00	19.30 -1.17 0.00	19.66 -1.23 0.00	19.85 -1.20 0.00	20.79 -1.19 0.00	24.08 -1.40 0.00	31.38 -1.83 0.00	31.55 -3.35 0.01	30.34 -2.46 0.00	26.66 -2.29 0.00	25.92 -2.47 0.00	24.75 -2.09 0.00	22.92 -2.02 0.00	21.95 -1.73 0.00	21.05 -1.81 0.00	21.30 -1.75 0.00	22.94 -2.44 0.00	28.01 -3.36 0.00	30.25 -4.01 0.01	32.89 -3.45 0.00	31.29 -3.13 0.00	26.04 -2.58 0.00	23.11 -2.06 0.00	22.45 -1.26 0.00
NEVERSINK___HYD 23608	23.10 1.29 0.00	21.70 1.23 0.00	21.91 1.02 0.00	21.98 0.93 0.00	22.90 0.92 0.00	26.65 1.17 0.00	35.27 2.06 0.00	37.36 2.44 0.00	34.93 2.13 0.00	30.36 1.42 0.00	29.87 1.48 0.00	28.29 1.45 0.00	26.22 1.27 0.00	24.82 1.14 0.00	23.97 1.12 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.50 2.13 0.00	36.67 2.40 0.00	39.25 2.91 0.00	37.11 2.69 0.00	30.31 1.69 0.00	26.53 1.36 0.00	24.96 1.26 0.00
NEWKRMKL_115KV_TB1 55635	22.86 1.05 0.00	21.45 0.98 0.00	21.72 0.84 0.00	21.79 0.74 0.00	22.75 0.77 0.00	26.37 0.89 0.00	34.87 1.66 0.00	36.80 1.89 0.00	34.47 1.67 0.00	30.19 1.24 0.00	29.56 1.16 0.00	27.89 1.05 0.00	25.94 1.00 0.00	24.68 0.99 0.00	23.84 0.98 0.00	24.04 0.99 0.00	26.52 1.14 0.00	33.00 1.63 0.00	36.12 1.85 0.00	38.27 1.93 0.00	36.28 1.86 0.00	29.91 1.29 0.00	26.20 1.03 0.00	24.63 0.92 0.00

NEWTON___FALLS_HYD 23847	23.80 -0.89 -2.88	22.32 -0.90 -2.75	22.89 -0.81 -2.82	23.13 -0.76 -2.84	24.14 -0.77 -2.93	27.84 -0.92 -3.28	36.03 -1.20 -4.02	37.97 -1.12 -4.17	35.58 -1.21 -3.99	31.51 -1.07 -3.64	30.90 -1.08 -3.59	29.22 -1.05 -3.42	27.03 -1.15 -3.23	25.65 -1.14 -3.11	24.71 -1.17 -3.02	24.86 -1.22 -3.03	27.40 -1.24 -3.27	33.27 -1.47 -3.38	27.46 -1.41 5.41	26.43 -1.31 8.60	37.39 -1.17 -4.14	31.51 -0.72 -3.60	27.73 -0.70 -3.26	26.08 -0.73 -3.11
NGRID_A1_DSASP 323792	19.94 -1.88 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.65 -2.33 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.80 -5.10 0.02	27.88 -4.92 0.00	24.98 -3.96 0.00	24.42 -3.98 0.00	23.33 -3.52 0.00	21.85 -3.09 0.00	20.79 -2.89 0.00	20.09 -2.77 0.00	20.21 -2.84 0.00	21.65 -3.73 0.00	26.32 -5.05 0.00	28.77 -5.48 0.02	30.67 -5.67 0.00	29.16 -5.27 0.00	24.41 -4.21 0.00	21.70 -3.47 0.00	21.10 -2.61 0.00
NGRID_A2_DSASP 323793	19.94 -1.88 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.65 -2.33 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.80 -5.10 0.02	27.88 -4.92 0.00	24.98 -3.96 0.00	24.42 -3.98 0.00	23.33 -3.52 0.00	21.85 -3.09 0.00	20.79 -2.89 0.00	20.09 -2.77 0.00	20.21 -2.84 0.00	21.65 -3.73 0.00	26.32 -5.05 0.00	28.77 -5.48 0.02	30.67 -5.67 0.00	29.16 -5.27 0.00	24.41 -4.21 0.00	21.70 -3.47 0.00	21.10 -2.61 0.00
NGRID_A4_DSASP 323807	19.94 -1.88 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.65 -2.33 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.80 -5.10 0.02	27.88 -4.92 0.00	24.98 -3.96 0.00	24.42 -3.98 0.00	23.33 -3.52 0.00	21.85 -3.09 0.00	20.79 -2.89 0.00	20.09 -2.77 0.00	20.21 -2.84 0.00	21.65 -3.73 0.00	26.32 -5.05 0.00	28.77 -5.48 0.02	30.67 -5.67 0.00	29.16 -5.27 0.00	24.41 -4.21 0.00	21.70 -3.47 0.00	21.10 -2.61 0.00
NIAGARA_115E_LBMP 323715	20.07 -1.75 0.00	18.28 -2.19 0.00	18.61 -2.28 0.00	18.80 -2.25 0.00	19.76 -2.22 0.00	22.71 -2.78 0.00	29.29 -3.92 0.00	29.84 -5.06 0.02	27.94 -4.85 0.00	25.01 -3.94 0.00	24.45 -3.95 0.00	23.38 -3.46 0.00	21.88 -3.07 0.00	20.82 -2.87 0.00	20.11 -2.74 0.00	20.23 -2.81 0.00	21.67 -3.71 0.00	26.35 -5.02 0.00	28.84 -5.41 0.02	30.82 -5.52 0.00	29.29 -5.13 0.00	24.50 -4.12 0.00	21.80 -3.37 0.00	21.17 -2.54 0.00
NIAGARA_115W_LBMP 323714	19.89 -1.92 0.00	18.11 -2.35 0.00	18.45 -2.44 0.00	18.63 -2.42 0.00	19.61 -2.37 0.00	22.58 -2.91 0.00	29.09 -4.12 0.00	29.73 -5.17 0.02	27.81 -4.98 0.00	24.92 -4.02 0.00	24.36 -4.03 0.00	23.27 -3.57 0.00	21.80 -3.14 0.00	20.75 -2.94 0.00	20.04 -2.81 0.00	20.17 -2.88 0.00	21.59 -3.78 0.00	26.25 -5.11 0.00	28.70 -5.55 0.02	30.60 -5.74 0.00	29.09 -5.33 0.00	24.33 -4.29 0.00	21.65 -3.52 0.00	21.03 -2.68 0.00
NIAGARA_230_LBMP 323716	20.27 -1.55 0.00	18.46 -2.01 0.00	18.80 -2.09 0.00	18.99 -2.06 0.00	19.98 -2.00 0.00	23.01 -2.47 0.00	29.65 -3.55 0.00	30.29 -4.61 0.02	28.34 -4.46 0.00	25.35 -3.59 0.00	24.81 -3.58 0.00	23.70 -3.14 0.00	22.20 -2.74 0.00	21.13 -2.56 0.00	20.41 -2.44 0.00	20.54 -2.51 0.00	22.00 -3.37 0.00	26.76 -4.61 0.00	29.28 -4.97 0.02	31.25 -5.09 0.00	29.71 -4.71 0.00	24.84 -3.78 0.00	22.07 -3.10 0.00	21.43 -2.28 0.00
NIAGARA___115KV_198_GIBSON 55903	19.09 -2.73 0.00	18.11 -2.35 0.00	18.45 -2.44 0.00	18.63 -2.42 0.00	19.54 -2.44 0.00	22.58 -2.90 0.00	29.09 -4.12 0.00	29.59 -5.31 0.02	28.27 -4.53 0.00	25.01 -3.94 0.00	24.33 -4.06 0.00	23.27 -3.57 0.00	21.58 -3.37 0.00	20.75 -2.94 0.00	19.84 -3.02 0.00	20.10 -2.95 0.00	21.64 -3.73 0.00	26.25 -5.11 0.00	28.56 -5.69 0.02	30.60 -5.74 0.00	29.09 -5.34 0.00	24.33 -4.29 0.00	21.65 -3.52 0.00	21.03 -2.68 0.00
NIAGARA____ 23760	20.27 -1.55 0.00	18.46 -2.01 0.00	18.80 -2.09 0.00	18.99 -2.06 0.00	19.98 -2.00 0.00	23.01 -2.47 0.00	29.65 -3.55 0.00	30.29 -4.61 0.02	28.34 -4.46 0.00	25.35 -3.59 0.00	24.81 -3.58 0.00	23.70 -3.14 0.00	22.20 -2.74 0.00	21.13 -2.56 0.00	20.41 -2.44 0.00	20.54 -2.51 0.00	22.00 -3.37 0.00	26.76 -4.61 0.00	29.28 -4.97 0.02	31.25 -5.09 0.00	29.71 -4.71 0.00	24.84 -3.78 0.00	22.07 -3.10 0.00	21.43 -2.28 0.00
NINE_MILE_1 23575	21.44 -0.37 0.00	20.06 -0.41 0.00	20.41 -0.48 0.00	20.57 -0.48 0.00	21.52 -0.46 0.00	24.92 -0.56 0.00	32.41 -0.80 0.00	33.98 -0.94 0.00	31.81 -0.98 0.00	28.08 -0.87 0.00	27.54 -0.85 0.00	26.04 -0.80 0.00	24.22 -0.72 0.00	22.97 -0.71 0.00	22.19 -0.66 0.00	22.36 -0.69 0.00	24.56 -0.81 0.00	30.27 -1.10 0.00	33.17 -1.10 0.00	35.29 -1.06 0.00	33.42 -1.00 0.00	27.76 -0.86 0.00	24.39 -0.78 0.00	23.02 -0.69 0.00
NINE_MILE_2 23744	21.44 -0.37 0.00	20.08 -0.39 0.00	20.41 -0.48 0.00	20.57 -0.48 0.00	21.52 -0.46 0.00	24.92 -0.56 0.00	32.41 -0.80 0.00	33.98 -0.94 0.00	31.84 -0.95 0.00	28.08 -0.87 0.00	27.54 -0.85 0.00	26.06 -0.78 0.00	24.22 -0.72 0.00	22.97 -0.71 0.00	22.19 -0.66 0.00	22.36 -0.69 0.00	24.56 -0.81 0.00	30.27 -1.10 0.00	33.17 -1.10 0.00	35.29 -1.06 0.00	33.42 -1.00 0.00	27.76 -0.86 0.00	24.39 -0.78 0.00	23.02 -0.69 0.00
NM_CAPITAL___DRP 24208	22.80 0.98 0.00	21.39 0.92 0.00	21.64 0.75 0.00	21.73 0.67 0.00	22.66 0.68 0.00	26.25 0.76 0.00	34.70 1.49 0.00	36.63 1.71 0.00	34.30 1.51 0.00	30.07 1.13 0.00	29.41 1.02 0.00	27.75 0.91 0.00	25.82 0.87 0.00	24.58 0.90 0.00	23.74 0.89 0.00	23.95 0.90 0.00	26.42 1.04 0.00	32.87 1.51 0.00	35.95 1.68 0.00	38.09 1.74 0.00	36.11 1.69 0.00	29.79 1.17 0.00	26.10 0.93 0.00	24.53 0.83 0.00
NM_CENTRAL___DRP 24181	21.73 -0.09 0.00	20.43 -0.04 0.00	20.76 -0.13 0.00	20.90 -0.15 0.00	21.87 -0.11 0.00	25.38 -0.10 0.00	33.01 -0.20 0.00	34.60 -0.31 0.00	32.47 -0.33 0.00	28.60 -0.35 0.00	28.08 -0.31 0.00	26.57 -0.27 0.00	24.67 -0.27 0.00	23.42 -0.26 0.00	22.60 -0.25 0.00	22.77 -0.28 0.00	25.02 -0.36 0.00	30.86 -0.50 0.00	33.76 -0.51 0.00	35.94 -0.40 0.00	34.01 -0.41 0.00	28.28 -0.34 0.00	24.87 -0.30 0.00	23.44 -0.26 0.00
NM_FRONTIER___DRP 24179	19.09 -2.73 0.00	18.11 -2.35 0.00	18.45 -2.44 0.00	18.63 -2.42 0.00	19.54 -2.44 0.00	22.58 -2.90 0.00	29.09 -4.12 0.00	29.59 -5.31 0.02	28.27 -4.53 0.00	25.01 -3.94 0.00	24.33 -4.06 0.00	23.27 -3.57 0.00	21.58 -3.37 0.00	20.75 -2.94 0.00	19.84 -3.02 0.00	20.10 -2.95 0.00	21.64 -3.73 0.00	26.25 -5.11 0.00	28.56 -5.69 0.02	30.60 -5.74 0.00	29.09 -5.34 0.00	24.33 -4.29 0.00	21.65 -3.52 0.00	21.03 -2.68 0.00
NM_ST_REGIS___HYD 24053	27.89 -1.18 -7.25	26.22 -1.17 -6.92	27.01 -0.96 -7.08	27.33 -0.86 -7.15	28.45 -0.90 -7.37	32.58 -1.15 -8.24	41.60 -1.73 -10.12	43.71 -1.71 -10.51	41.20 -1.64 -10.05	36.94 -1.16 -9.16	36.33 -1.08 -9.02	34.38 -1.07 -8.61	32.06 -1.02 -8.14	30.48 -1.02 -7.81	29.37 -1.07 -7.59	29.54 -1.13 -7.63	32.41 -1.19 -8.23	38.69 -1.57 -8.89	26.59 -1.71 5.97	23.18 -1.85 11.31	43.14 -1.69 -10.41	36.59 -1.09 -9.06	32.47 -0.91 -8.21	30.60 -0.92 -7.82

NORTHPORT___1 23551	23.30 1.48 0.00	21.88 1.41 0.00	22.04 1.15 0.00	22.06 1.01 0.00	22.99 1.01 0.00	26.66 1.17 0.00	35.03 1.83 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.94 2.00 0.00	30.29 1.87 -0.03	28.72 1.80 -0.08	26.54 1.60 0.00	25.20 1.52 0.00	24.38 1.53 0.00	24.66 1.61 0.00	27.36 1.98 -0.01	34.03 2.66 0.00	38.27 2.84 -1.16	41.62 3.13 -2.15	38.36 2.92 -1.01	33.77 1.89 -3.26	29.12 1.76 -2.19	25.50 1.59 -0.21
NORTHPORT___2 23552	23.30 1.48 0.00	21.88 1.41 0.00	22.04 1.15 0.00	22.06 1.01 0.00	22.99 1.01 0.00	26.66 1.17 0.00	35.03 1.83 0.00	37.19 2.27 0.00	35.29 2.49 0.00	30.94 2.00 0.00	30.29 1.87 -0.03	28.72 1.80 -0.08	26.54 1.60 0.00	25.20 1.52 0.00	24.38 1.53 0.00	24.66 1.61 0.00	27.36 1.98 -0.01	34.03 2.66 0.00	38.27 2.84 -1.16	41.62 3.13 -2.15	38.36 2.92 -1.01	33.77 1.89 -3.26	29.12 1.76 -2.19	25.50 1.59 -0.21
NORTHPORT___3 23553	23.49 1.68 0.00	22.07 1.60 0.00	22.23 1.34 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.93 1.45 0.00	35.63 2.42 0.00	37.85 2.93 0.00	35.88 3.08 0.00	31.35 2.40 0.00	30.69 2.27 -0.03	29.10 2.17 -0.08	26.89 1.95 0.00	25.48 1.80 0.00	24.64 1.78 0.00	24.89 1.84 0.00	27.59 2.21 -0.01	34.50 3.14 0.00	38.79 3.36 -1.16	42.27 3.78 -2.15	38.91 3.48 -1.01	34.23 2.35 -3.26	29.35 1.99 -2.19	25.75 1.83 -0.22
NORTHPORT___4 23650	23.49 1.68 0.00	22.07 1.60 0.00	22.23 1.34 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.93 1.45 0.00	35.63 2.42 0.00	37.85 2.93 0.00	35.88 3.08 0.00	31.35 2.40 0.00	30.69 2.27 -0.03	29.10 2.17 -0.08	26.89 1.95 0.00	25.48 1.80 0.00	24.64 1.78 0.00	24.89 1.84 0.00	27.59 2.21 -0.01	34.50 3.14 0.00	38.79 3.36 -1.16	42.27 3.78 -2.15	38.91 3.48 -1.01	34.23 2.35 -3.26	29.35 1.99 -2.19	25.75 1.83 -0.22
NORTHPORT___IC 23718	23.52 1.70 0.00	21.90 1.43 0.00	22.04 1.15 0.00	22.06 1.01 0.00	23.01 1.03 0.00	26.65 1.17 0.00	35.03 1.83 0.00	37.22 2.30 0.00	35.19 2.39 0.00	30.86 1.91 0.00	30.37 1.96 -0.02	28.77 1.85 -0.08	26.64 1.70 0.00	25.22 1.54 0.00	24.41 1.55 0.00	24.73 1.68 0.00	27.35 1.98 0.00	34.03 2.67 0.00	38.37 2.95 -1.15	41.65 3.16 -2.14	38.35 2.93 -1.00	33.76 1.89 -3.25	29.11 1.76 -2.18	25.50 1.59 -0.21
NORTH___COUNTRY_ESR 323785	-9.10 -1.57 29.34	-9.00 -1.45 28.02	-9.05 -1.27 28.66	-9.05 -1.18 28.92	-9.11 -1.25 29.84	-9.36 -1.48 33.36	-9.96 -2.22 40.94	-9.94 -2.24 42.62	-9.94 -2.03 40.70	-9.65 -1.53 37.06	-9.61 -1.51 36.50	-9.49 -1.48 34.86	-9.35 -1.37 32.93	-9.26 -1.33 31.62	-9.20 -1.33 30.72	-9.19 -1.34 30.90	-9.38 -1.42 33.34	-9.74 -1.88 39.22	-8.58 -2.09 40.76	-8.21 -2.33 42.23	-9.91 -2.17 42.16	-9.59 -1.55 36.67	-9.35 -1.31 33.21	-9.24 -1.28 31.66
NPX_GEN_1385_PROXY 323591	23.19 1.38 0.00	21.82 1.35 0.00	22.00 1.11 0.00	22.00 0.95 0.00	22.86 0.88 0.00	26.37 0.89 0.00	34.60 1.39 0.00	36.73 1.81 0.00	34.73 1.93 0.00	30.36 1.42 0.00	29.67 1.25 -0.03	28.18 1.26 -0.08	26.07 1.12 0.00	25.03 1.35 0.00	24.22 1.37 0.00	24.50 1.45 0.00	27.79 1.70 -0.71	33.05 2.38 0.70	37.97 2.54 -1.16	41.04 2.54 -2.15	36.94 2.55 0.03	34.53 1.60 -4.31	28.92 1.56 -2.19	25.36 1.45 -0.21
NPX_GEN_CSC 323557	23.25 1.44 0.00	21.82 1.35 0.00	21.98 1.09 0.00	22.00 0.95 0.00	22.97 0.99 0.00	26.58 1.09 0.00	35.16 1.96 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.83 1.88 0.00	30.24 1.82 -0.03	28.60 1.66 -0.09	26.47 1.52 0.00	25.06 1.37 0.00	24.41 1.55 0.00	24.71 1.66 0.00	28.34 2.26 -0.71	33.86 3.20 0.70	38.79 3.36 -1.16	42.06 3.56 -2.15	37.66 3.27 0.03	35.04 2.12 -4.31	29.16 1.79 -2.20	25.54 1.59 -0.25
NSINS_S_GLNS_FALLS 23858	23.12 1.31 0.00	21.68 1.21 0.00	21.98 1.09 0.00	22.08 1.03 0.00	23.08 1.10 0.00	26.88 1.40 0.00	35.53 2.32 0.00	37.54 2.62 0.00	35.19 2.39 0.00	30.77 1.82 0.00	30.12 1.73 0.00	28.24 1.40 0.00	26.19 1.25 0.00	24.92 1.23 0.00	24.02 1.17 0.00	24.20 1.15 0.00	26.77 1.40 0.00	33.41 2.04 0.00	36.67 2.40 0.00	38.96 2.62 0.00	36.90 2.48 0.00	30.39 1.77 0.00	26.45 1.28 0.00	24.91 1.21 0.00
NUCOR_STEEL___DRP 24197	21.97 0.15 0.00	20.67 0.20 0.00	21.01 0.13 0.00	21.20 0.15 0.00	22.18 0.20 0.00	25.76 0.28 0.00	33.64 0.43 0.00	35.24 0.31 -0.01	32.96 0.16 0.00	29.03 0.09 0.00	28.39 0.00 0.00	26.87 0.03 0.00	24.92 -0.02 0.00	23.66 -0.02 0.00	22.78 -0.07 0.00	22.98 -0.07 0.00	25.27 -0.10 0.00	31.21 -0.16 0.00	34.24 -0.03 -0.01	36.49 0.15 0.00	34.59 0.17 0.00	28.65 0.03 0.00	25.15 -0.03 0.00	23.75 0.05 0.00
NUMBER_THREE_WT_PWR 323818	23.01 -0.07 -1.26	21.53 -0.14 -1.20	21.97 -0.15 -1.23	22.15 -0.15 -1.24	23.17 -0.09 -1.28	26.84 -0.08 -1.43	35.06 0.10 -1.76	36.99 0.25 -1.82	34.47 -0.07 -1.74	30.22 -0.32 -1.59	29.65 -0.31 -1.57	28.02 -0.32 -1.50	25.69 -0.67 -1.41	24.38 -0.66 -1.36	23.49 -0.69 -1.32	23.68 -0.69 -1.32	26.14 -0.66 -1.43	32.27 -0.60 -1.50	31.97 -0.34 1.96	33.09 -0.04 3.22	36.23 0.00 -1.81	30.48 0.29 -1.57	26.70 0.10 -1.42	25.11 0.05 -1.36
NYISO_LBMP_REFERENCE 24008	21.81 0.00 0.00	20.47 0.00 0.00	20.89 0.00 0.00	21.05 0.00 0.00	21.98 0.00 0.00	25.48 0.00 0.00	33.21 0.00 0.00	34.92 0.00 0.00	32.79 0.00 0.00	28.94 0.00 0.00	28.39 0.00 0.00	26.84 0.00 0.00	24.94 0.00 0.00	23.68 0.00 0.00	22.85 0.00 0.00	23.05 0.00 0.00	25.37 0.00 0.00	31.37 0.00 0.00	34.27 0.00 0.00	36.34 0.00 0.00	34.42 0.00 0.00	28.62 0.00 0.00	25.17 0.00 0.00	23.70 0.00 0.00
NYPA_BRENTWD___GT 24164	23.52 1.70 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.96 1.48 0.00	35.56 2.36 0.00	37.74 2.83 0.00	35.81 3.02 0.00	31.32 2.37 0.00	30.64 2.22 -0.03	29.05 2.09 -0.11	26.82 1.87 0.00	25.41 1.73 0.00	24.59 1.74 0.00	24.89 1.84 0.00	27.64 2.26 -0.01	34.50 3.14 0.00	38.82 3.39 -1.16	42.27 3.78 -2.15	38.94 3.51 -1.01	34.26 2.37 -3.26	29.45 2.06 -2.22	25.87 1.87 -0.29
NYPA_GOWANUS___GT5 24156	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01
NYPA_GOWANUS___GT6 24157	23.35 1.53 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	22.99 1.01 0.00	26.58 1.09 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.42 2.62 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.64 1.70 0.00	25.29 1.61 0.00	24.41 1.55 0.00	24.62 1.57 0.00	27.18 1.80 0.00	34.03 2.66 0.00	37.01 2.74 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.78 0.00	26.83 1.66 0.00	25.28 1.56 -0.01

NYPA_HARLEM__RVR__GT1 24160	23.24 1.42 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.95 0.97 0.00	26.40 0.92 0.00	34.87 1.66 0.00	37.04 2.13 0.01	35.18 2.39 0.01	30.62 1.68 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.43 1.50 0.01	25.12 1.44 0.01	24.22 1.37 0.01	24.45 1.41 0.01	26.97 1.60 0.01	33.74 2.38 0.01	36.70 2.43 0.01	39.13 2.80 0.01	36.89 2.48 0.01	30.07 1.46 0.01	26.55 1.38 0.00	25.10 1.40 0.00
NYPA_HARLEM__RVR__GT2 24161	23.24 1.42 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.95 0.97 0.00	26.40 0.92 0.00	34.87 1.66 0.00	37.04 2.13 0.01	35.18 2.39 0.01	30.62 1.68 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.43 1.50 0.01	25.12 1.44 0.01	24.22 1.37 0.01	24.45 1.41 0.01	26.97 1.60 0.01	33.74 2.38 0.01	36.70 2.43 0.01	39.13 2.80 0.01	36.89 2.48 0.01	30.07 1.46 0.01	26.55 1.38 0.00	25.10 1.40 0.00
NYPA_KENT____GT 24152	23.28 1.46 -0.01	21.91 1.43 -0.01	22.07 1.17 -0.01	22.11 1.05 -0.01	22.95 0.97 0.00	26.53 1.05 0.00	35.13 1.93 0.00	37.29 2.38 0.00	35.39 2.59 0.00	30.80 1.85 0.00	30.15 1.76 0.00	28.64 1.80 0.00	26.62 1.67 0.00	25.27 1.59 0.00	24.38 1.53 0.00	24.59 1.54 0.00	27.12 1.75 0.00	33.97 2.60 0.00	36.95 2.67 0.00	39.43 3.09 0.00	37.18 2.75 0.00	30.34 1.72 0.00	26.73 1.56 0.00	25.20 1.49 0.00
NYPA_POUCH1____GT 24155	23.39 1.57 -0.01	21.97 1.49 -0.01	22.13 1.23 -0.01	22.17 1.11 -0.01	23.01 1.03 0.00	26.55 1.07 0.00	34.96 1.76 0.00	37.15 2.24 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.25 1.56 0.00	24.36 1.51 0.00	24.57 1.52 0.00	27.12 1.75 0.00	33.91 2.54 0.00	36.91 2.64 0.00	39.39 3.05 0.00	37.11 2.69 0.00	30.39 1.78 0.00	26.91 1.74 0.00	25.35 1.63 -0.01
NYPA_VERNON____GT2 24162	23.22 1.40 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.50 1.02 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.77 1.82 0.00	30.12 1.73 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.22 1.54 0.00	24.34 1.48 0.00	24.57 1.52 0.00	27.10 1.73 0.00	33.91 2.54 0.00	36.87 2.60 0.00	39.36 3.01 0.00	37.11 2.69 0.00	30.28 1.66 0.00	26.66 1.48 0.00	25.13 1.42 0.00
NYPA_VERNON____GT3 24163	23.22 1.40 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.50 1.02 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.77 1.82 0.00	30.12 1.73 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.22 1.54 0.00	24.34 1.48 0.00	24.57 1.52 0.00	27.10 1.73 0.00	33.91 2.54 0.00	36.87 2.60 0.00	39.36 3.01 0.00	37.11 2.69 0.00	30.28 1.66 0.00	26.66 1.48 0.00	25.13 1.42 0.00
NYPA__ASTORIA_CC1 323568	23.20 1.38 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.47 0.99 0.00	35.06 1.86 0.00	37.22 2.30 0.00	35.32 2.53 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.84 2.57 0.00	39.28 2.94 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
NYPA__ASTORIA_CC2 323569	23.20 1.38 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.47 0.99 0.00	35.06 1.86 0.00	37.22 2.30 0.00	35.32 2.53 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.84 2.57 0.00	39.28 2.94 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.63 1.46 0.00	25.10 1.40 0.00
NYPA__HOLTSVILL 23794	23.36 1.55 0.00	21.92 1.45 0.00	22.10 1.21 0.00	22.12 1.07 0.00	23.08 1.10 0.00	26.76 1.27 0.00	35.36 2.16 0.00	37.50 2.58 0.00	35.58 2.79 0.00	31.09 2.14 0.00	30.44 2.02 -0.03	28.81 1.88 -0.09	26.64 1.70 0.00	25.25 1.56 0.00	24.45 1.60 0.00	24.75 1.71 0.00	27.54 2.16 -0.01	34.41 3.04 0.00	38.69 3.26 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.06 2.17 -3.26	29.26 1.89 -2.20	25.63 1.68 -0.25
NYPA__HELLGATE_GT1 24158	23.24 1.42 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.95 0.97 0.00	26.40 0.92 0.00	34.87 1.66 0.00	37.04 2.13 0.01	35.18 2.39 0.01	30.62 1.68 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.43 1.50 0.01	25.12 1.44 0.01	24.22 1.37 0.01	24.45 1.41 0.01	26.97 1.60 0.01	33.71 2.35 0.01	36.66 2.40 0.01	39.13 2.80 0.01	36.86 2.44 0.01	30.07 1.46 0.01	26.55 1.38 0.00	25.10 1.40 0.00
NYPA__HELLGATE_GT2 24159	23.24 1.42 -0.01	21.89 1.41 -0.01	22.07 1.17 -0.01	22.13 1.07 -0.01	22.95 0.97 0.00	26.40 0.92 0.00	34.87 1.66 0.00	37.04 2.13 0.01	35.18 2.39 0.01	30.62 1.68 0.01	29.94 1.56 0.01	28.44 1.61 0.01	26.43 1.50 0.01	25.12 1.44 0.01	24.22 1.37 0.01	24.45 1.41 0.01	26.97 1.60 0.01	33.71 2.35 0.01	36.66 2.40 0.01	39.13 2.80 0.01	36.86 2.44 0.01	30.07 1.46 0.01	26.55 1.38 0.00	25.10 1.40 0.00
NYS_BARGE__HYD 23848	20.37 -1.44 0.00	18.56 -1.90 0.00	18.88 -2.01 0.00	19.09 -1.96 0.00	20.09 -1.89 0.00	23.11 -2.37 0.00	29.85 -3.35 0.00	30.43 -4.47 0.02	28.47 -4.33 0.00	25.47 -3.47 0.00	24.90 -3.49 0.00	23.78 -3.06 0.00	22.23 -2.72 0.00	21.15 -2.53 0.00	20.43 -2.42 0.00	20.56 -2.49 0.00	22.02 -3.35 0.00	26.82 -4.55 0.00	29.39 -4.87 0.02	31.47 -4.87 0.00	29.91 -4.51 0.00	24.98 -3.64 0.00	22.20 -2.97 0.00	21.55 -2.16 0.00
OAK ORCHARD__HYD 24046	21.05 -0.76 0.00	19.42 -1.04 0.00	19.76 -1.13 0.00	19.96 -1.10 0.00	20.97 -1.01 0.00	24.26 -1.22 0.00	31.48 -1.73 0.00	32.76 -2.13 0.02	30.63 -2.17 0.00	27.18 -1.77 0.00	26.57 -1.82 0.00	25.23 -1.61 0.00	23.55 -1.40 0.00	22.36 -1.33 0.00	21.57 -1.28 0.00	21.71 -1.34 0.00	23.57 -1.80 0.00	28.92 -2.45 0.00	31.88 -2.36 0.02	33.91 -2.43 0.00	32.18 -2.24 0.00	26.73 -1.89 0.00	23.53 -1.64 0.00	22.45 -1.26 0.00
OAKDALE__35_KV_LOAD 356122	22.03 0.22 0.00	20.67 0.20 0.00	21.01 0.13 0.00	21.14 0.08 0.00	22.13 0.15 0.00	25.69 0.20 0.00	33.64 0.43 0.00	35.34 0.42 -0.01	33.22 0.43 0.00	29.15 0.20 0.00	28.53 0.14 0.00	27.00 0.16 0.00	25.07 0.12 0.00	23.80 0.12 0.00	22.94 0.09 0.00	23.14 0.09 0.00	25.40 0.03 0.00	31.46 0.09 0.00	34.41 0.14 -0.01	36.74 0.40 0.00	34.80 0.38 0.00	28.82 0.20 0.00	25.30 0.13 0.00	23.94 0.24 0.00
OCC_CHEM__DRP 24175	19.13 -2.68 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.58 -2.40 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.66 -5.24 0.02	28.37 -4.43 0.00	25.07 -3.88 0.00	24.39 -4.00 0.00	23.33 -3.52 0.00	21.63 -3.32 0.00	20.79 -2.89 0.00	19.88 -2.97 0.00	20.14 -2.90 0.00	21.70 -3.68 0.00	26.32 -5.05 0.00	28.63 -5.62 0.02	30.67 -5.67 0.00	29.15 -5.27 0.00	24.38 -4.24 0.00	21.70 -3.47 0.00	21.07 -2.63 0.00

OH_GEN_PROXY 24063	20.00 -1.50 0.31	17.84 -1.92 0.70	18.00 -2.03 0.86	19.05 -2.00 0.00	20.05 -1.93 0.00	22.43 -2.40 0.66	29.25 -3.39 0.57	29.14 -4.44 1.34	28.50 -4.29 0.00	25.50 -3.45 0.00	24.93 -3.46 0.00	23.81 -3.03 0.00	22.30 -2.64 0.00	21.22 -2.46 0.00	20.50 -2.35 0.00	20.63 -2.42 0.00	22.83 -3.25 -0.70	26.21 -4.45 0.70	29.46 -4.80 0.02	31.43 -4.91 0.00	28.83 -4.54 1.04	26.00 -3.66 -1.04	22.17 -3.00 0.00	21.50 -2.20 0.00
OLIN_CORP_DRP 24177	19.26 -2.55 0.00	18.32 -2.15 0.00	18.65 -2.24 0.00	18.84 -2.21 0.00	19.72 -2.26 0.00	22.78 -2.70 0.00	29.35 -3.85 0.00	29.80 -5.10 0.02	28.50 -4.30 0.00	25.18 -3.76 0.00	24.53 -3.86 0.00	23.43 -3.41 0.00	21.73 -3.22 0.00	20.89 -2.79 0.00	19.97 -2.88 0.00	20.24 -2.81 0.00	21.80 -3.58 0.00	26.44 -4.92 0.00	28.80 -5.45 0.02	30.93 -5.41 0.00	29.40 -5.03 0.00	24.56 -4.06 0.00	21.85 -3.32 0.00	21.21 -2.49 0.00
OLIN_CORP_DSASP 323712	19.94 -1.88 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.65 -2.33 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.80 -5.10 0.02	27.88 -4.92 0.00	24.98 -3.96 0.00	24.42 -3.98 0.00	23.33 -3.52 0.00	21.85 -3.09 0.00	20.79 -2.89 0.00	20.09 -2.77 0.00	20.21 -2.84 0.00	21.65 -3.73 0.00	26.32 -5.05 0.00	28.77 -5.48 0.02	30.67 -5.67 0.00	29.16 -5.27 0.00	24.41 -4.21 0.00	21.70 -3.47 0.00	21.10 -2.61 0.00
ONEIDA_HERK_LFGE 323681	22.79 0.39 -0.58	21.33 0.31 -0.55	21.73 0.27 -0.57	21.90 0.27 -0.57	22.88 0.31 -0.59	26.55 0.41 -0.66	34.78 0.76 -0.81	36.70 0.94 -0.84	34.22 0.62 -0.81	30.00 0.32 -0.73	29.51 0.40 -0.72	27.91 0.38 -0.69	25.77 0.18 -0.65	24.48 0.17 -0.63	23.58 0.11 -0.61	23.77 0.12 -0.61	26.21 0.18 -0.66	32.46 0.38 -0.72	34.44 0.58 0.42	36.39 0.87 0.82	36.08 0.82 -0.83	30.06 0.72 -0.73	26.36 0.53 -0.66	24.78 0.45 -0.63
ONEIDA___115KV_TB4 55905	22.51 0.70 0.00	21.08 0.61 0.00	21.45 0.56 0.00	21.62 0.57 0.00	22.62 0.64 0.00	26.27 0.79 0.00	34.43 1.23 0.00	36.24 1.33 0.00	33.88 1.08 0.00	29.64 0.69 0.00	29.13 0.74 0.00	27.54 0.70 0.00	25.54 0.60 0.00	24.25 0.57 0.00	23.38 0.53 0.00	23.58 0.53 0.00	25.98 0.61 0.00	32.21 0.85 0.00	35.37 1.10 0.00	37.80 1.45 0.00	35.80 1.38 0.00	29.68 1.06 0.00	26.00 0.83 0.00	24.46 0.76 0.00
ONONDAGA_REF_OCCRA 23987	21.81 0.00 0.00	20.51 0.04 0.00	20.85 -0.04 0.00	20.99 -0.06 0.00	21.98 0.00 0.00	25.48 0.00 0.00	33.21 0.00 0.00	34.81 -0.10 0.00	32.66 -0.13 0.00	28.77 -0.17 0.00	28.22 -0.17 0.00	26.71 -0.13 0.00	24.80 -0.15 0.00	23.54 -0.14 0.00	22.69 -0.16 0.00	22.89 -0.16 0.00	25.17 -0.20 0.00	31.05 -0.31 0.00	34.00 -0.27 0.00	36.20 -0.15 0.00	34.28 -0.14 0.00	28.48 -0.14 0.00	24.99 -0.18 0.00	23.59 -0.12 0.00
ONONDAGA___COGEN 23986	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.92 0.00 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.28 -0.11 0.00	26.73 -0.11 0.00	24.82 -0.12 0.00	23.57 -0.12 0.00	22.72 -0.14 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.07 -0.21 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00
ONTARIO___LFGE 23819	22.01 0.20 0.00	20.49 0.02 0.00	20.83 -0.06 0.00	20.99 -0.06 0.00	22.05 0.07 0.00	25.64 0.15 0.00	33.61 0.40 0.00	34.95 -0.10 -0.14	32.47 -0.33 0.00	28.54 -0.41 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.62 -0.32 0.00	23.33 -0.35 0.00	22.51 -0.34 0.00	22.68 -0.37 0.00	24.84 -0.53 0.00	30.68 -0.69 0.00	33.93 -0.48 -0.14	36.01 -0.33 0.00	34.18 -0.24 0.00	28.33 -0.29 0.00	24.84 -0.33 0.00	23.54 -0.16 0.00
ORANGEVILLE_WT_PWR 323706	20.37 -1.44 0.00	18.61 -1.86 0.00	18.97 -1.92 0.00	19.14 -1.92 0.00	20.11 -1.87 0.00	23.16 -2.32 0.00	30.02 -3.19 0.00	30.40 -4.50 0.02	28.66 -4.13 0.00	25.59 -3.36 0.00	25.01 -3.38 0.00	23.89 -2.95 0.00	22.03 -2.92 0.00	20.96 -2.72 0.00	20.23 -2.63 0.00	20.37 -2.67 0.00	21.90 -3.48 0.00	26.72 -4.64 0.00	29.11 -5.14 0.02	31.36 -4.98 0.00	29.95 -4.47 0.00	25.10 -3.52 0.00	22.35 -2.82 0.00	21.74 -1.97 0.00
ORANGEVILLE___ESR 323794	20.37 -1.44 0.00	18.61 -1.86 0.00	18.97 -1.92 0.00	19.14 -1.92 0.00	20.11 -1.87 0.00	23.16 -2.32 0.00	30.02 -3.19 0.00	30.40 -4.50 0.02	28.66 -4.13 0.00	25.59 -3.36 0.00	25.01 -3.38 0.00	23.89 -2.95 0.00	22.03 -2.92 0.00	20.96 -2.72 0.00	20.23 -2.63 0.00	20.37 -2.67 0.00	21.90 -3.48 0.00	26.72 -4.64 0.00	29.11 -5.14 0.02	31.36 -4.98 0.00	29.95 -4.47 0.00	25.10 -3.52 0.00	22.35 -2.82 0.00	21.74 -1.97 0.00
OSWEGATCHIE___HYD 24044	23.78 -0.92 -2.88	22.32 -0.90 -2.75	22.89 -0.82 -2.82	23.14 -0.76 -2.84	24.14 -0.77 -2.93	27.84 -0.92 -3.28	36.03 -1.19 -4.02	37.97 -1.12 -4.17	35.61 -1.18 -3.99	31.52 -1.07 -3.64	30.90 -1.08 -3.59	29.22 -1.05 -3.42	27.03 -1.15 -3.23	25.65 -1.14 -3.11	24.68 -1.19 -3.02	24.86 -1.22 -3.03	27.40 -1.24 -3.27	33.27 -1.47 -3.38	27.46 -1.41 5.41	26.43 -1.31 8.60	37.39 -1.17 -4.14	31.51 -0.71 -3.60	27.73 -0.70 -3.26	26.08 -0.73 -3.11
OSWEGO___5 23606	21.55 -0.26 0.00	20.18 -0.29 0.00	20.51 -0.38 0.00	20.67 -0.38 0.00	21.63 -0.35 0.00	25.07 -0.41 0.00	32.61 -0.60 0.00	34.22 -0.70 0.00	32.04 -0.75 0.00	28.25 -0.69 0.00	27.71 -0.68 0.00	26.20 -0.64 0.00	24.37 -0.57 0.00	23.11 -0.57 0.00	22.30 -0.55 0.00	22.49 -0.55 0.00	24.69 -0.68 0.00	30.55 -0.82 0.00	33.45 -0.82 0.00	35.51 -0.83 0.00	33.63 -0.79 0.00	27.93 -0.69 0.00	24.54 -0.63 0.00	23.16 -0.54 0.00
OSWEGO___6 23613	21.55 -0.26 0.00	20.18 -0.29 0.00	20.51 -0.38 0.00	20.67 -0.38 0.00	21.63 -0.35 0.00	25.07 -0.41 0.00	32.61 -0.60 0.00	34.22 -0.70 0.00	32.04 -0.75 0.00	28.25 -0.69 0.00	27.71 -0.68 0.00	26.20 -0.64 0.00	24.37 -0.57 0.00	23.11 -0.57 0.00	22.30 -0.55 0.00	22.49 -0.55 0.00	24.69 -0.68 0.00	30.55 -0.82 0.00	33.45 -0.82 0.00	35.51 -0.83 0.00	33.63 -0.79 0.00	27.93 -0.69 0.00	24.54 -0.63 0.00	23.16 -0.54 0.00
OUTOKUMPU-AB___DRP 24206	19.68 -2.14 0.00	18.69 -1.78 0.00	19.01 -1.88 0.00	19.22 -1.83 0.00	20.13 -1.85 0.00	23.29 -2.19 0.00	30.08 -3.12 0.00	30.54 -4.36 0.02	29.22 -3.57 0.00	25.79 -3.16 0.00	25.13 -3.27 0.00	24.02 -2.82 0.00	22.23 -2.72 0.00	21.36 -2.32 0.00	20.43 -2.42 0.00	20.67 -2.37 0.00	22.28 -3.10 0.00	27.07 -4.30 0.00	29.42 -4.83 0.02	31.65 -4.69 0.00	30.12 -4.30 0.00	25.16 -3.46 0.00	22.35 -2.82 0.00	21.71 -1.99 0.00
OXBOW___BTM 323836	20.22 -1.59 0.00	18.44 -2.03 0.00	18.76 -2.13 0.00	18.97 -2.08 0.00	19.96 -2.02 0.00	22.96 -2.52 0.00	29.65 -3.55 0.00	30.26 -4.64 0.02	28.34 -4.46 0.00	25.38 -3.56 0.00	24.81 -3.58 0.00	23.70 -3.14 0.00	22.18 -2.77 0.00	21.10 -2.58 0.00	20.38 -2.47 0.00	20.49 -2.56 0.00	21.98 -3.40 0.00	26.72 -4.64 0.00	29.18 -5.07 0.02	31.22 -5.12 0.00	29.67 -4.75 0.00	24.81 -3.81 0.00	22.07 -3.10 0.00	21.43 -2.28 0.00

OXBOW____ 24026	19.41 -2.40 0.00	18.44 -2.03 0.00	18.76 -2.13 0.00	18.97 -2.08 0.00	19.87 -2.11 0.00	22.96 -2.52 0.00	29.65 -3.55 0.00	30.12 -4.78 0.02	28.83 -3.97 0.00	25.47 -3.47 0.00	24.81 -3.58 0.00	23.70 -3.14 0.00	21.95 -2.99 0.00	21.10 -2.58 0.00	20.18 -2.67 0.00	20.44 -2.60 0.00	22.03 -3.35 0.00	26.72 -4.64 0.00	29.04 -5.21 0.02	31.22 -5.12 0.00	29.67 -4.75 0.00	24.78 -3.84 0.00	22.05 -3.12 0.00	21.43 -2.28 0.00
OXY_CHEM_DSASP 323612	19.13 -2.68 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.58 -2.40 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.66 -5.24 0.02	28.37 -4.43 0.00	25.07 -3.88 0.00	24.39 -4.00 0.00	23.33 -3.52 0.00	21.63 -3.32 0.00	20.79 -2.89 0.00	19.88 -2.97 0.00	20.14 -2.90 0.00	21.70 -3.68 0.00	26.32 -5.05 0.00	28.63 -5.62 0.02	30.67 -5.67 0.00	29.15 -5.27 0.00	24.38 -4.24 0.00	21.70 -3.47 0.00	21.07 -2.63 0.00
OZONE_PARK_ESR 323760	23.43 1.61 0.00	21.88 1.41 0.00	22.04 1.15 0.00	22.06 1.01 0.00	22.95 0.97 0.00	26.65 1.17 0.00	35.43 2.22 0.00	37.57 2.65 0.00	35.48 2.69 0.00	30.97 2.03 0.00	30.35 1.96 0.00	28.80 1.96 0.00	26.79 1.85 0.00	25.39 1.71 0.00	24.52 1.67 0.00	24.73 1.68 0.00	27.25 1.88 0.00	34.16 2.79 0.00	37.32 3.05 0.00	39.65 3.31 0.00	37.38 2.96 0.00	30.48 1.86 0.00	26.78 1.61 0.00	25.20 1.49 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.13 -2.68 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.58 -2.40 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.66 -5.24 0.02	28.37 -4.43 0.00	25.07 -3.88 0.00	24.39 -4.00 0.00	23.33 -3.52 0.00	21.63 -3.32 0.00	20.79 -2.89 0.00	19.88 -2.97 0.00	20.14 -2.90 0.00	21.70 -3.68 0.00	26.32 -5.05 0.00	28.63 -5.62 0.02	30.67 -5.67 0.00	29.15 -5.27 0.00	24.38 -4.24 0.00	21.70 -3.47 0.00	21.07 -2.63 0.00
PACKARD__115KV_DUPONT_184 80571	19.13 -2.68 0.00	18.18 -2.29 0.00	18.49 -2.40 0.00	18.67 -2.38 0.00	19.58 -2.40 0.00	22.63 -2.85 0.00	29.15 -4.05 0.00	29.66 -5.24 0.02	28.37 -4.43 0.00	25.07 -3.88 0.00	24.39 -4.00 0.00	23.33 -3.52 0.00	21.63 -3.32 0.00	20.79 -2.89 0.00	19.88 -2.97 0.00	20.14 -2.90 0.00	21.70 -3.68 0.00	26.32 -5.05 0.00	28.63 -5.62 0.02	30.67 -5.67 0.00	29.15 -5.27 0.00	24.38 -4.24 0.00	21.70 -3.47 0.00	21.07 -2.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.42 1.59 -0.01	21.91 1.43 -0.01	22.09 1.19 -0.01	22.13 1.07 -0.01	22.99 1.01 0.00	26.42 0.94 0.00	34.93 1.73 0.00	37.05 2.13 0.00	35.03 2.23 0.00	30.57 1.62 0.00	29.95 1.56 0.00	28.45 1.61 0.00	26.47 1.52 0.00	25.08 1.40 0.00	24.22 1.37 0.00	24.45 1.41 0.00	26.92 1.55 0.00	33.72 2.35 0.00	36.81 2.54 0.00	39.14 2.80 0.00	36.86 2.44 0.00	30.11 1.49 0.00	26.55 1.38 0.00	25.13 1.42 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.57 1.75 -0.01	22.05 1.58 -0.01	22.28 1.38 -0.01	22.34 1.28 -0.01	23.19 1.21 0.00	26.60 1.12 0.00	35.20 1.99 0.00	37.33 2.41 0.00	35.09 2.30 0.00	30.59 1.65 0.00	30.04 1.65 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.97 1.60 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.25 2.91 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.63 1.46 0.00	25.17 1.47 0.00
PATROON__115KV_TB1 80586	22.91 1.09 0.00	21.49 1.02 0.00	21.77 0.88 0.00	21.83 0.78 0.00	22.79 0.81 0.00	26.42 0.94 0.00	34.93 1.73 0.00	36.87 1.96 0.00	34.53 1.74 0.00	30.25 1.30 0.00	29.64 1.25 0.00	27.94 1.10 0.00	25.99 1.05 0.00	24.73 1.04 0.00	23.88 1.03 0.00	24.08 1.04 0.00	26.57 1.19 0.00	33.06 1.69 0.00	36.19 1.92 0.00	38.34 2.00 0.00	36.35 1.93 0.00	29.96 1.35 0.00	26.25 1.08 0.00	24.68 0.97 0.00
PATTRSNVILLE__SOLAR 323815	22.69 0.87 0.00	21.33 0.86 0.00	21.62 0.73 0.00	21.75 0.69 0.00	22.68 0.70 0.00	26.37 0.89 0.00	34.70 1.50 0.00	36.56 1.64 0.00	34.27 1.48 0.00	29.99 1.04 0.00	29.38 0.99 0.00	27.67 0.83 0.00	25.69 0.75 0.00	24.44 0.76 0.00	23.58 0.73 0.00	23.81 0.76 0.00	26.29 0.91 0.00	32.71 1.35 0.00	35.85 1.58 0.00	38.09 1.74 0.00	36.07 1.65 0.00	29.79 1.17 0.00	26.05 0.88 0.00	24.53 0.83 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.61 -1.20 0.00	19.49 -0.98 0.00	19.82 -1.07 0.00	20.02 -1.03 0.00	20.99 -0.99 0.00	24.28 -1.20 0.00	31.58 -1.63 0.00	31.34 -3.56 0.01	30.43 -2.36 0.00	26.77 -2.17 0.00	26.12 -2.27 0.00	24.94 -1.91 0.00	23.07 -1.87 0.00	22.12 -1.56 0.00	21.21 -1.65 0.00	21.43 -1.61 0.00	23.12 -2.26 0.00	28.17 -3.20 0.00	30.11 -4.15 0.01	33.03 -3.31 0.00	31.43 -2.99 0.00	26.19 -2.43 0.00	23.26 -1.91 0.00	22.66 -1.04 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.23 1.42 0.00	21.74 1.27 0.00	21.95 1.07 0.00	22.02 0.97 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.23 2.03 0.00	37.47 2.55 0.00	35.22 2.43 0.00	30.68 1.74 0.00	30.01 1.62 0.00	28.40 1.56 0.00	26.37 1.42 0.00	24.96 1.28 0.00	24.13 1.28 0.00	24.38 1.34 0.00	26.90 1.52 0.00	33.66 2.29 0.00	36.88 2.60 0.00	39.21 2.87 0.00	37.14 2.72 0.00	30.37 1.75 0.00	26.55 1.38 0.00	24.96 1.26 0.00
PEEKSKILL____ 23653	22.97 1.16 0.00	21.61 1.15 0.00	21.81 0.92 0.00	21.85 0.80 0.00	22.70 0.72 0.00	26.40 0.92 0.00	35.00 1.79 0.00	37.12 2.20 0.00	35.06 2.26 0.00	30.54 1.59 0.00	29.87 1.48 0.00	28.32 1.48 0.00	26.29 1.35 0.00	24.94 1.25 0.00	24.09 1.23 0.00	24.31 1.27 0.00	26.82 1.45 0.00	33.56 2.19 0.00	36.57 2.30 0.00	38.99 2.65 0.00	36.86 2.44 0.00	30.14 1.52 0.00	26.43 1.26 0.00	24.84 1.14 0.00
PGE MADISON__WINDPWR 24146	23.65 1.83 0.00	21.96 1.49 0.00	22.35 1.46 0.00	22.50 1.45 0.00	23.63 1.65 0.00	27.57 2.09 0.00	36.46 3.26 0.00	38.52 3.60 0.00	35.78 2.98 0.00	31.09 2.14 0.00	30.32 1.93 0.00	28.56 1.72 0.00	26.44 1.50 0.00	25.01 1.33 0.00	24.04 1.19 0.00	24.22 1.17 0.00	26.67 1.29 0.00	33.25 1.88 0.00	36.88 2.60 0.00	39.76 3.42 0.00	37.62 3.20 0.00	30.99 2.37 0.00	27.06 1.89 0.00	25.53 1.83 0.00
PIERCEFIELD__HYD 23852	24.97 -1.09 -4.24	23.43 -1.08 -4.05	24.16 -0.88 -4.14	24.45 -0.78 -4.18	25.48 -0.81 -4.31	29.24 -1.07 -4.82	37.53 -1.59 -5.92	39.49 -1.57 -6.14	37.10 -1.57 -5.88	33.20 -1.10 -5.36	32.67 -0.99 -5.28	30.89 -0.99 -5.04	28.76 -0.95 -4.76	27.28 -0.97 -4.57	26.27 -1.03 -4.44	26.42 -1.08 -4.46	29.05 -1.14 -4.81	34.79 -1.54 -4.96	24.39 -1.65 8.24	21.52 -1.78 13.04	38.93 -1.58 -6.09	32.95 -0.97 -5.30	29.14 -0.83 -4.80	27.43 -0.85 -4.58
PINELAWN_CC_1 323563	23.45 1.64 0.00	22.02 1.55 0.00	22.19 1.30 0.00	22.21 1.16 0.00	23.17 1.19 0.00	26.88 1.40 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.75 2.95 0.00	31.26 2.32 0.00	30.57 2.13 -0.05	29.05 2.01 -0.19	26.74 1.80 0.00	25.34 1.66 0.00	24.52 1.67 0.00	24.80 1.75 0.00	27.52 2.13 -0.01	34.38 3.01 0.00	38.72 3.29 -1.16	42.20 3.71 -2.15	38.84 3.41 -1.01	34.18 2.29 -3.27	29.40 1.94 -2.29	26.00 1.78 -0.52

PJM_GEN_HTP_PROXY 323702	23.06 1.24 0.00	21.70 1.23 0.00	21.85 0.96 0.00	21.89 0.84 0.00	22.75 0.77 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.22 2.30 0.00	35.29 2.49 0.00	30.71 1.77 0.00	30.07 1.67 0.00	28.53 1.69 0.00	26.49 1.55 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.50 1.45 0.00	27.73 1.65 -0.70	33.11 2.45 0.70	36.77 2.50 0.00	39.21 2.87 0.00	35.96 2.58 1.04	31.24 1.57 -1.04	26.55 1.38 0.00	24.96 1.26 0.00
PJM_GEN_KEystone 24065	21.99 0.17 0.00	20.49 0.02 0.00	20.74 -0.15 0.00	20.84 -0.21 0.00	21.78 -0.20 0.00	25.25 -0.23 0.00	33.21 0.00 0.00	34.50 -0.42 0.00	32.57 -0.23 0.00	28.57 -0.38 0.00	27.94 -0.46 0.00	26.55 -0.29 0.00	24.72 -0.22 0.00	23.47 -0.21 0.00	22.67 -0.18 0.00	22.86 -0.19 0.00	25.65 -0.43 -0.70	30.19 -0.47 0.70	33.62 -0.65 0.00	36.05 -0.29 0.00	33.10 -0.28 1.04	29.15 -0.51 -1.04	24.77 -0.40 0.00	23.59 -0.12 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.21 1.40 0.00	21.80 1.33 0.00	21.98 1.09 0.00	22.00 0.95 0.00	22.92 0.94 0.00	26.63 1.15 0.00	35.20 1.99 0.00	37.40 2.48 0.00	35.39 2.59 0.00	30.94 2.00 0.00	30.27 1.87 -0.01	28.64 1.80 0.00	26.57 1.62 0.00	25.18 1.49 0.00	24.34 1.48 0.00	24.59 1.54 0.00	27.94 1.85 -0.71	33.30 2.64 0.70	38.27 2.84 -1.16	41.69 3.20 -2.15	37.35 2.96 0.03	34.84 1.92 -4.30	28.92 1.64 -2.12	25.20 1.49 0.00
PJM_GEN_VFT_PROXY 323633	22.93 1.11 0.00	21.57 1.10 0.00	21.73 0.84 0.00	21.77 0.72 0.00	22.62 0.64 0.00	26.30 0.82 0.00	34.90 1.69 0.00	36.14 2.09 0.87	35.12 2.33 0.00	30.56 1.62 0.00	29.92 1.53 0.00	28.42 1.58 0.00	26.39 1.45 0.00	25.06 1.37 0.00	24.18 1.32 0.00	24.41 1.36 0.00	27.60 1.52 -0.70	32.95 2.29 0.70	36.57 2.30 0.00	38.99 2.65 0.00	35.75 2.37 1.04	31.09 1.43 -1.04	26.43 1.26 0.00	24.84 1.14 0.00
PLATSBRG_115KV_PMLD1 355749	-7.01 -1.33 27.49	-7.08 -1.29 26.25	-7.08 -1.11 26.86	-7.06 -1.01 27.10	-7.06 -1.08 27.96	-7.08 -1.30 31.26	-7.08 -1.93 38.36	-6.98 -1.96 39.94	-7.08 -1.74 38.14	-7.06 -1.27 34.73	-7.06 -1.25 34.20	-7.06 -1.23 32.66	-7.06 -1.15 30.85	-7.08 -1.14 29.63	-7.06 -1.12 28.79	-7.06 -1.15 28.95	-7.08 -1.22 31.24	-7.20 -1.76 36.81	-7.02 -1.92 39.37	-6.96 -2.14 41.16	-6.98 -1.89 39.51	-7.06 -1.32 34.36	-7.06 -1.11 31.12	-7.06 -1.09 29.67
PLEASANTVLY__LBMP 24000	22.91 1.09 0.00	21.45 0.98 0.00	21.66 0.77 0.00	21.70 0.65 0.00	22.60 0.62 0.00	26.22 0.74 0.00	34.73 1.53 0.00	36.80 1.89 0.00	34.57 1.77 0.00	30.22 1.27 0.00	29.56 1.16 0.00	27.97 1.13 0.00	26.02 1.07 0.00	24.68 0.99 0.00	23.86 1.01 0.00	24.08 1.04 0.00	26.54 1.17 0.00	33.15 1.79 0.00	36.26 1.99 0.00	38.49 2.14 0.00	36.42 2.00 0.00	29.88 1.26 0.00	26.18 1.01 0.00	24.58 0.88 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.06 1.24 0.00	21.59 1.13 0.00	21.79 0.90 0.00	21.83 0.78 0.00	22.73 0.75 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.86 2.07 0.00	30.45 1.51 0.00	29.81 1.42 0.00	28.24 1.40 0.00	26.24 1.30 0.00	24.87 1.18 0.00	24.06 1.21 0.00	24.27 1.22 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.85 2.51 0.00	36.76 2.34 0.00	30.08 1.46 0.00	26.35 1.18 0.00	24.77 1.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.06 1.24 0.00	21.59 1.13 0.00	21.79 0.90 0.00	21.83 0.78 0.00	22.73 0.75 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.86 2.07 0.00	30.45 1.51 0.00	29.81 1.42 0.00	28.24 1.40 0.00	26.24 1.30 0.00	24.87 1.18 0.00	24.06 1.21 0.00	24.27 1.22 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.85 2.51 0.00	36.76 2.34 0.00	30.08 1.46 0.00	26.35 1.18 0.00	24.77 1.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.10 1.29 0.00	21.63 1.17 0.00	21.83 0.94 0.00	21.89 0.84 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.07 1.86 0.00	37.15 2.23 0.00	34.89 2.10 0.00	30.39 1.45 0.00	29.70 1.31 0.00	28.13 1.29 0.00	26.14 1.20 0.00	24.77 1.09 0.00	23.95 1.10 0.00	24.18 1.13 0.00	26.69 1.32 0.00	33.41 2.04 0.00	36.57 2.30 0.00	38.89 2.54 0.00	36.80 2.38 0.00	30.14 1.52 0.00	26.38 1.21 0.00	24.79 1.09 0.00
POLETTI____ 23519	23.19 1.37 0.00	21.68 1.21 0.00	21.83 0.94 0.00	21.87 0.82 0.00	22.75 0.77 0.00	26.40 0.92 0.00	35.07 1.86 0.00	37.19 2.27 0.00	35.09 2.30 0.00	30.68 1.74 0.00	30.07 1.68 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.00 1.62 0.00	33.81 2.45 0.00	36.94 2.67 0.00	39.18 2.83 0.00	36.93 2.51 0.00	30.17 1.55 0.00	26.50 1.33 0.00	24.94 1.23 0.00
POMONA____ESR 323819	22.97 1.16 0.00	21.61 1.15 0.00	21.81 0.92 0.00	21.85 0.80 0.00	22.73 0.75 0.00	26.43 0.94 0.00	35.03 1.83 0.00	37.15 2.24 0.00	35.06 2.26 0.00	30.51 1.56 0.00	29.87 1.48 0.00	28.29 1.45 0.00	26.29 1.35 0.00	24.94 1.25 0.00	24.09 1.23 0.00	24.31 1.27 0.00	26.82 1.45 0.00	33.53 2.16 0.00	36.57 2.30 0.00	39.03 2.69 0.00	36.86 2.44 0.00	30.14 1.52 0.00	26.40 1.23 0.00	24.84 1.14 0.00
PORT_JEFF_3 23555	23.45 1.64 0.00	22.00 1.54 0.00	22.16 1.27 0.00	22.19 1.14 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.50 2.29 0.00	37.68 2.76 0.00	35.78 2.98 0.00	31.26 2.32 0.00	30.55 2.13 -0.03	28.92 1.99 -0.09	26.74 1.80 0.00	25.34 1.66 0.00	24.54 1.69 0.00	24.85 1.80 0.00	27.67 2.28 -0.01	34.60 3.23 0.00	38.89 3.46 -1.16	42.31 3.81 -2.15	38.94 3.51 -1.01	34.23 2.35 -3.26	29.39 2.01 -2.20	25.75 1.80 -0.25
PORT_JEFF_4 23616	23.45 1.64 0.00	22.00 1.54 0.00	22.16 1.27 0.00	22.19 1.14 0.00	23.17 1.19 0.00	26.86 1.38 0.00	35.50 2.29 0.00	37.68 2.76 0.00	35.78 2.98 0.00	31.26 2.32 0.00	30.55 2.13 -0.03	28.92 1.99 -0.09	26.74 1.80 0.00	25.34 1.66 0.00	24.54 1.69 0.00	24.85 1.80 0.00	27.67 2.28 -0.01	34.60 3.23 0.00	38.89 3.46 -1.16	42.31 3.81 -2.15	38.94 3.51 -1.01	34.23 2.35 -3.26	29.39 2.01 -2.20	25.75 1.80 -0.25
PORT_JEFF_IC 23713	23.71 1.90 0.00	22.04 1.58 0.00	22.18 1.30 0.00	22.21 1.16 0.00	23.19 1.21 0.00	26.88 1.40 0.00	35.53 2.32 0.00	37.71 2.79 0.00	35.75 2.95 0.00	31.26 2.32 0.00	30.66 2.24 -0.02	29.06 2.12 -0.10	26.84 1.90 0.00	25.37 1.68 0.00	24.59 1.74 0.00	24.98 1.94 0.00	27.68 2.31 0.00	34.66 3.29 0.00	39.05 3.63 -1.15	42.37 3.89 -2.14	38.97 3.55 -1.00	34.25 2.38 -3.25	29.41 2.04 -2.20	25.79 1.83 -0.26
PPL PILGRIM_ST_GT1 24216	23.52 1.70 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.96 1.48 0.00	35.56 2.36 0.00	37.74 2.83 0.00	35.81 3.02 0.00	31.32 2.37 0.00	30.64 2.22 -0.03	29.05 2.09 -0.11	26.82 1.87 0.00	25.41 1.73 0.00	24.59 1.74 0.00	24.89 1.84 0.00	27.64 2.26 -0.01	34.50 3.14 0.00	38.82 3.39 -1.16	42.27 3.78 -2.15	38.94 3.51 -1.01	34.26 2.37 -3.26	29.45 2.06 -2.22	25.87 1.87 -0.29

PPL PILGRIM_ST_GT2 24217	23.52 1.70 0.00	22.08 1.62 0.00	22.25 1.36 0.00	22.27 1.22 0.00	23.21 1.23 0.00	26.96 1.48 0.00	35.56 2.36 0.00	37.74 2.83 0.00	35.81 3.02 0.00	31.32 2.37 0.00	30.64 2.22 -0.03	29.05 2.09 -0.11	26.82 1.87 0.00	25.41 1.73 0.00	24.59 1.74 0.00	24.89 1.84 0.00	27.64 2.26 -0.01	34.50 3.14 0.00	38.82 3.39 -1.16	42.27 3.78 -2.15	38.94 3.51 -1.01	34.26 2.37 -3.26	29.45 2.06 -2.22	25.87 1.87 -0.29
PPL_SHRM_GT3 24213	23.28 1.46 0.00	21.82 1.35 0.00	22.00 1.11 0.00	22.02 0.97 0.00	22.97 0.99 0.00	26.60 1.12 0.00	35.20 1.99 0.00	37.29 2.38 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.10	26.47 1.52 0.00	25.08 1.40 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.82 3.39 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.03 2.15 -3.26	29.19 1.81 -2.20	25.57 1.61 -0.25
PPL_SHRM_GT4 24214	23.28 1.46 0.00	21.82 1.35 0.00	22.00 1.11 0.00	22.02 0.97 0.00	22.97 0.99 0.00	26.60 1.12 0.00	35.20 1.99 0.00	37.29 2.38 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.10	26.47 1.52 0.00	25.08 1.40 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.82 3.39 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.03 2.15 -3.26	29.19 1.81 -2.20	25.57 1.61 -0.25
PROJECT___ORANGE 1 24174	21.73 -0.09 0.00	20.45 -0.02 0.00	20.78 -0.10 0.00	20.93 -0.13 0.00	21.89 -0.09 0.00	25.38 -0.10 0.00	33.04 -0.17 0.00	34.64 -0.28 0.00	32.50 -0.30 0.00	28.63 -0.32 0.00	28.11 -0.28 0.00	26.60 -0.24 0.00	24.70 -0.25 0.00	23.45 -0.24 0.00	22.60 -0.25 0.00	22.79 -0.25 0.00	25.04 -0.33 0.00	30.86 -0.50 0.00	33.79 -0.48 0.00	35.98 -0.36 0.00	34.04 -0.38 0.00	28.30 -0.31 0.00	24.87 -0.30 0.00	23.47 -0.24 0.00
PROJECT___ORANGE 2 24166	21.73 -0.09 0.00	20.45 -0.02 0.00	20.78 -0.10 0.00	20.93 -0.13 0.00	21.89 -0.09 0.00	25.38 -0.10 0.00	33.04 -0.17 0.00	34.64 -0.28 0.00	32.50 -0.30 0.00	28.63 -0.32 0.00	28.11 -0.28 0.00	26.60 -0.24 0.00	24.70 -0.25 0.00	23.45 -0.24 0.00	22.60 -0.25 0.00	22.79 -0.25 0.00	25.04 -0.33 0.00	30.86 -0.50 0.00	33.79 -0.48 0.00	35.98 -0.36 0.00	34.04 -0.38 0.00	28.30 -0.31 0.00	24.87 -0.30 0.00	23.47 -0.24 0.00
PUCKETT___SOLAR 323809	22.60 0.78 0.00	21.10 0.64 0.00	21.43 0.54 0.00	21.58 0.53 0.00	22.59 0.61 0.00	26.27 0.79 0.00	34.54 1.33 0.00	36.28 1.36 -0.01	33.94 1.15 0.00	29.73 0.78 0.00	29.10 0.71 0.00	27.46 0.62 0.00	25.47 0.52 0.00	24.13 0.45 0.00	23.24 0.39 0.00	23.41 0.37 0.00	25.70 0.33 0.00	31.93 0.57 0.00	35.13 0.86 -0.01	37.65 1.31 0.00	35.62 1.20 0.00	29.45 0.83 0.00	25.82 0.65 0.00	24.39 0.69 0.00
PYRITES___HYD 24023	24.94 -0.65 -3.78	23.41 -0.68 -3.61	24.15 -0.44 -3.70	24.47 -0.32 -3.73	25.50 -0.33 -3.85	29.35 -0.43 -4.30	37.79 -0.70 -5.28	40.68 -0.49 -6.25	37.25 -0.79 -5.24	33.35 -0.38 -4.78	32.99 -0.11 -4.71	31.18 -0.16 -4.50	29.04 -0.15 -4.25	27.52 -0.24 -4.08	26.45 -0.37 -3.96	26.54 -0.48 -3.98	29.13 -0.53 -4.29	34.93 -0.78 -4.35	24.47 -0.82 8.98	21.66 -0.84 13.85	39.20 -0.65 -5.43	33.12 -0.23 -4.73	29.25 -0.20 -4.28	27.53 -0.26 -4.08
QUAKERRD_115KV_BK1 80622	20.33 -1.48 0.00	19.20 -1.27 0.00	19.51 -1.38 0.00	19.70 -1.35 0.00	20.66 -1.32 0.00	23.95 -1.53 0.00	31.11 -2.09 0.00	32.40 -2.48 0.03	30.60 -2.20 0.00	26.95 -2.00 0.00	26.32 -2.07 0.00	24.96 -1.88 0.00	23.15 -1.80 0.00	22.10 -1.59 0.00	21.23 -1.62 0.00	21.43 -1.61 0.00	23.40 -1.98 0.00	28.73 -2.63 0.00	31.56 -2.67 0.03	33.65 -2.69 0.00	31.91 -2.51 0.00	26.47 -2.15 0.00	23.28 -1.89 0.00	22.12 -1.59 0.00
QUENSBRY_115KV_TB8 356137	23.12 1.31 0.00	21.70 1.23 0.00	22.00 1.11 0.00	22.10 1.05 0.00	23.08 1.10 0.00	26.91 1.43 0.00	35.56 2.36 0.00	37.61 2.69 0.00	35.25 2.46 0.00	30.86 1.91 0.00	30.18 1.79 0.00	28.29 1.45 0.00	26.24 1.30 0.00	24.94 1.26 0.00	24.04 1.19 0.00	24.22 1.18 0.00	26.80 1.42 0.00	33.47 2.10 0.00	36.74 2.47 0.00	39.03 2.69 0.00	36.97 2.55 0.00	30.42 1.80 0.00	26.48 1.31 0.00	24.94 1.23 0.00
RAMAPO___LBMP 323565	23.01 1.20 0.00	21.53 1.06 0.00	21.72 0.84 0.00	21.77 0.72 0.00	22.66 0.68 0.00	26.32 0.84 0.00	34.90 1.69 0.00	37.01 2.10 0.00	34.83 2.03 0.00	30.39 1.45 0.00	29.75 1.36 0.00	28.18 1.34 0.00	26.22 1.27 0.00	24.84 1.16 0.00	24.02 1.17 0.00	24.22 1.18 0.00	26.69 1.32 0.00	33.37 2.01 0.00	36.50 2.23 0.00	38.81 2.47 0.00	36.69 2.27 0.00	29.99 1.37 0.00	26.30 1.13 0.00	24.72 1.02 0.00
RANKINE____ 23646	20.07 -1.75 0.00	19.01 -1.45 0.00	19.34 -1.55 0.00	19.54 -1.52 0.00	20.49 -1.49 0.00	23.67 -1.81 0.00	30.68 -2.52 0.00	30.89 -4.02 0.02	29.75 -3.05 0.00	26.22 -2.72 0.00	25.55 -2.84 0.00	24.40 -2.44 0.00	22.55 -2.39 0.00	21.65 -2.04 0.00	20.73 -2.13 0.00	20.97 -2.07 0.00	22.61 -2.77 0.00	27.51 -3.86 0.00	29.73 -4.52 0.02	32.20 -4.14 0.00	30.63 -3.79 0.00	25.59 -3.03 0.00	22.75 -2.42 0.00	22.12 -1.59 0.00
RAVENSWOOD_GT2_1 24244	23.23 1.42 0.00	21.72 1.25 0.00	21.89 1.00 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.58 1.41 0.00	24.98 1.28 0.00
RAVENSWOOD_GT2_2 24245	23.23 1.42 0.00	21.72 1.25 0.00	21.89 1.00 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.58 1.41 0.00	24.98 1.28 0.00
RAVENSWOOD_GT2_3 24246	23.25 1.44 0.00	21.74 1.27 0.00	21.89 1.00 0.00	21.94 0.88 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.57 1.62 0.00	25.18 1.49 0.00	24.32 1.46 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	25.01 1.30 0.00
RAVENSWOOD_GT2_4 24247	23.25 1.44 0.00	21.74 1.27 0.00	21.89 1.00 0.00	21.94 0.88 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.57 1.62 0.00	25.18 1.49 0.00	24.32 1.46 0.00	24.55 1.50 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	25.01 1.30 0.00

RAVENSWOOD_GT3_1 24248	23.23 1.42 0.00	21.72 1.25 0.00	21.89 1.00 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.18 1.49 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	24.98 1.28 0.00
RAVENSWOOD_GT3_2 24249	23.23 1.42 0.00	21.72 1.25 0.00	21.89 1.00 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.18 1.49 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	24.98 1.28 0.00
RAVENSWOOD_GT3_3 24250	23.28 1.46 0.00	21.76 1.29 0.00	21.91 1.02 0.00	21.94 0.88 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.28 1.66 0.00	26.61 1.43 0.00	25.03 1.33 0.00
RAVENSWOOD_GT3_4 24251	23.28 1.46 0.00	21.76 1.29 0.00	21.91 1.02 0.00	21.94 0.88 0.00	22.82 0.84 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	37.01 2.74 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.28 1.66 0.00	26.61 1.43 0.00	25.03 1.33 0.00
RAVENSWOOD_GT_1 23729	23.37 1.55 -0.01	21.85 1.37 -0.01	22.01 1.11 -0.01	22.05 0.99 -0.01	22.93 0.95 0.00	26.50 1.02 0.00	35.13 1.93 0.00	37.29 2.37 0.00	35.22 2.43 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.61 1.77 0.00	26.62 1.67 0.00	25.22 1.54 0.00	24.36 1.51 0.00	24.59 1.54 0.00	27.07 1.70 0.00	33.91 2.54 0.00	37.01 2.74 0.00	39.36 3.02 0.00	37.11 2.68 0.00	30.28 1.66 0.00	26.66 1.49 0.00	25.13 1.42 0.00
RAVENSWOOD_GT_10 24258	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.55 1.38 0.00	24.98 1.28 0.00
RAVENSWOOD_GT_11 24259	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.55 1.38 0.00	24.98 1.28 0.00
RAVENSWOOD_GT_4 24252	23.21 1.40 0.01	21.69 1.23 0.01	21.87 0.98 0.01	21.89 0.84 0.01	22.77 0.79 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
RAVENSWOOD_GT_5 24254	23.21 1.40 0.01	21.69 1.23 0.01	21.87 0.98 0.01	21.89 0.84 0.01	22.77 0.79 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
RAVENSWOOD_GT_6 24253	23.21 1.40 0.01	21.69 1.23 0.01	21.87 0.98 0.01	21.89 0.84 0.01	22.77 0.79 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
RAVENSWOOD_GT_7 24255	23.21 1.40 0.01	21.69 1.23 0.01	21.87 0.98 0.01	21.89 0.84 0.01	22.77 0.79 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.29 1.44 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.22 1.60 0.00	26.55 1.38 0.00	24.96 1.26 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.55 1.38 0.00	24.98 1.28 0.00
RAVENSWOOD_GT_9 24257	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.16 2.36 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.32 1.46 0.00	24.52 1.48 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.94 2.67 0.00	39.25 2.91 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.55 1.38 0.00	24.98 1.28 0.00
RAVENSWOOD___1 23533	23.20 1.38 -0.01	21.85 1.37 -0.01	22.00 1.11 -0.01	22.05 0.99 -0.01	22.88 0.90 0.00	26.50 1.02 0.00	35.10 1.89 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.77 1.82 0.00	30.10 1.70 0.00	28.58 1.74 0.00	26.57 1.62 0.00	25.22 1.54 0.00	24.34 1.48 0.00	24.54 1.50 0.00	27.08 1.70 0.00	33.91 2.54 0.00	36.87 2.60 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.66 1.48 0.00	25.10 1.40 0.00
RAVENSWOOD___2 23534	23.20 1.38 -0.01	21.83 1.35 -0.01	21.98 1.09 -0.01	22.03 0.97 -0.01	22.88 0.90 0.00	26.47 0.99 0.00	35.10 1.89 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.74 1.80 0.00	30.10 1.70 0.00	28.58 1.74 0.00	26.54 1.60 0.00	25.22 1.54 0.00	24.34 1.48 0.00	24.54 1.50 0.00	27.08 1.70 0.00	33.88 2.51 0.00	36.87 2.60 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.63 1.46 0.00	25.10 1.40 0.00

RAVENSWOOD___3 23535	23.08 1.26 0.00	21.72 1.25 0.00	21.89 1.00 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.45 0.97 0.00	35.13 1.93 0.00	37.26 2.34 0.00	35.32 2.53 0.00	30.74 1.80 0.00	30.10 1.70 0.00	28.53 1.69 0.00	26.52 1.57 0.00	25.18 1.49 0.00	24.29 1.44 0.00	24.50 1.45 0.00	27.02 1.65 0.00	33.84 2.48 0.00	36.81 2.54 0.00	39.25 2.91 0.00	37.04 2.61 0.00	30.22 1.60 0.00	26.58 1.41 0.00	24.98 1.28 0.00
RAVENSWOOD___4 23820	23.20 1.38 -0.01	21.83 1.35 -0.01	21.98 1.09 -0.01	22.03 0.97 -0.01	22.86 0.88 0.00	26.47 0.99 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.32 2.53 0.00	30.74 1.80 0.00	30.10 1.70 0.00	28.56 1.72 0.00	26.54 1.60 0.00	25.20 1.52 0.00	24.32 1.46 0.00	24.54 1.50 0.00	27.08 1.70 0.00	33.88 2.51 0.00	36.84 2.57 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.63 1.46 0.00	25.10 1.40 0.00
RCPL_TRUST___DRP 24196	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.19 2.39 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.57 1.62 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	24.98 1.28 0.00
RED___ROCHESTER 323720	21.16 -0.65 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.08 -0.90 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.97 -1.92 0.02	30.89 -1.90 0.00	27.38 -1.56 0.00	26.77 -1.62 0.00	25.42 -1.42 0.00	23.70 -1.25 0.00	22.50 -1.18 0.00	21.71 -1.14 0.00	21.85 -1.20 0.00	23.73 -1.65 0.00	29.14 -2.23 0.00	32.12 -2.12 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.93 -1.69 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
REGAN___SOLAR 323812	24.13 2.31 0.00	22.64 2.17 0.00	23.00 2.11 0.00	23.14 2.08 0.00	24.20 2.22 0.00	28.34 2.85 0.00	37.46 4.25 0.00	39.42 4.51 0.00	36.27 3.47 0.00	31.40 2.46 0.00	31.14 2.75 0.00	29.01 2.17 0.00	26.84 1.89 0.00	25.58 1.90 0.00	24.64 1.78 0.00	24.85 1.80 0.00	27.63 2.26 0.00	34.79 3.42 0.00	38.42 4.15 0.00	41.06 4.72 0.00	38.86 4.44 0.00	31.94 3.32 0.00	27.69 2.52 0.00	26.17 2.47 0.00
RENSSELAER___COGEN 23796	22.69 0.87 0.00	21.35 0.88 0.00	21.62 0.73 0.00	21.70 0.65 0.00	22.64 0.66 0.00	26.25 0.76 0.00	34.66 1.46 0.00	36.56 1.64 0.00	34.30 1.51 0.00	30.04 1.10 0.00	29.38 0.99 0.00	27.73 0.88 0.00	25.77 0.82 0.00	24.53 0.85 0.00	23.67 0.82 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.81 1.44 0.00	35.88 1.61 0.00	38.05 1.71 0.00	36.04 1.62 0.00	29.73 1.12 0.00	26.05 0.88 0.00	24.51 0.81 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.93 2.12 0.00	22.45 1.99 0.00	22.77 1.88 0.00	22.88 1.83 0.00	23.94 1.96 0.00	28.03 2.55 0.00	37.12 3.92 0.00	39.35 4.43 0.00	36.86 4.07 0.00	32.19 3.24 0.00	31.57 3.18 0.00	29.42 2.58 0.00	27.16 2.22 0.00	25.84 2.16 0.00	24.84 1.99 0.00	25.17 2.12 0.00	27.86 2.49 0.00	34.91 3.54 0.00	38.32 4.04 0.00	40.81 4.47 0.00	38.72 4.30 0.00	31.74 3.12 0.00	27.39 2.22 0.00	25.84 2.13 0.00
REVERE_CPPR_DRP 24186	22.64 0.83 0.00	21.18 0.72 0.00	21.58 0.69 0.00	21.73 0.67 0.00	22.75 0.77 0.00	26.42 0.94 0.00	34.70 1.49 0.00	36.59 1.68 0.00	34.14 1.34 0.00	29.84 0.90 0.00	29.30 0.91 0.00	27.70 0.86 0.00	25.67 0.72 0.00	24.35 0.66 0.00	23.45 0.59 0.00	23.67 0.62 0.00	26.11 0.74 0.00	32.38 1.04 0.02	35.20 1.37 0.44	37.53 1.78 0.60	36.11 1.69 0.00	29.96 1.35 0.00	26.20 1.03 0.00	24.68 0.97 0.00
REYNOLDS_115KV_TB3 80639	22.75 0.94 0.00	21.35 0.88 0.00	21.60 0.71 0.00	21.66 0.61 0.00	22.60 0.62 0.00	26.17 0.69 0.00	34.60 1.39 0.00	36.52 1.61 0.00	34.21 1.41 0.00	29.99 1.04 0.00	29.30 0.91 0.00	27.67 0.83 0.00	25.74 0.80 0.00	24.51 0.83 0.00	23.68 0.82 0.00	23.88 0.83 0.00	26.34 0.96 0.00	32.78 1.41 0.00	35.85 1.58 0.00	37.94 1.60 0.00	36.00 1.58 0.00	29.68 1.06 0.00	26.03 0.86 0.00	24.46 0.76 0.00
RIVERBAY____ 323610	23.57 1.75 -0.01	22.05 1.58 -0.01	22.28 1.38 -0.01	22.34 1.28 -0.01	23.19 1.21 0.00	26.60 1.12 0.00	35.20 1.99 0.00	37.33 2.41 0.00	35.09 2.30 0.00	30.59 1.65 0.00	30.04 1.65 0.00	28.53 1.69 0.00	26.54 1.60 0.00	25.15 1.47 0.00	24.27 1.42 0.00	24.48 1.43 0.00	26.97 1.60 0.00	33.78 2.42 0.00	36.91 2.64 0.00	39.25 2.91 0.00	37.00 2.58 0.00	30.19 1.57 0.00	26.63 1.46 0.00	25.17 1.47 0.00
RIVERSDE_115KV_TB3 55908	22.80 0.98 0.00	21.39 0.92 0.00	21.64 0.75 0.00	21.73 0.67 0.00	22.66 0.68 0.00	26.25 0.76 0.00	34.70 1.49 0.00	36.63 1.71 0.00	34.30 1.51 0.00	30.07 1.13 0.00	29.41 1.02 0.00	27.75 0.91 0.00	25.82 0.87 0.00	24.58 0.90 0.00	23.74 0.89 0.00	23.95 0.90 0.00	26.42 1.04 0.00	32.87 1.51 0.00	35.95 1.68 0.00	38.09 1.74 0.00	36.11 1.69 0.00	29.79 1.17 0.00	26.10 0.93 0.00	24.53 0.83 0.00
ROARING___BROOK_WT_PWR 323790	21.01 -0.81 0.00	19.71 -0.76 0.00	20.20 -0.69 0.00	20.38 -0.67 0.00	21.26 -0.72 0.00	24.62 -0.87 0.00	31.98 -1.23 0.00	33.62 -1.26 0.04	31.60 -1.18 0.01	27.99 -0.95 0.00	27.48 -0.91 0.00	25.98 -0.86 0.00	24.12 -0.82 0.00	22.90 -0.78 0.00	22.08 -0.78 0.00	22.23 -0.81 0.01	24.50 -0.86 0.01	28.97 -1.10 1.30	7.19 -1.20 25.88	0.00 -1.27 35.07	33.20 -1.21 0.01	27.70 -0.92 0.00	24.39 -0.78 0.00	22.97 -0.73 0.00
ROCHESRG_115KV_T4 355643	20.48 -1.33 0.00	19.36 -1.11 0.00	19.70 -1.19 0.00	19.87 -1.18 0.00	20.84 -1.14 0.00	24.16 -1.33 0.00	31.31 -1.89 0.00	32.52 -2.37 0.02	30.76 -2.03 0.00	27.09 -1.85 0.00	26.46 -1.93 0.00	25.12 -1.72 0.00	23.30 -1.65 0.00	22.26 -1.42 0.00	21.37 -1.49 0.00	21.60 -1.45 0.00	23.50 -1.88 0.00	28.79 -2.57 0.00	31.64 -2.60 0.02	33.73 -2.62 0.00	32.01 -2.41 0.00	26.59 -2.03 0.00	23.43 -1.74 0.00	22.35 -1.35 0.00
ROCHESTER_9_IC 23652	20.57 -1.24 0.00	19.44 -1.02 0.00	19.78 -1.11 0.00	19.98 -1.07 0.00	20.95 -1.03 0.00	24.31 -1.17 0.00	31.51 -1.69 0.00	32.73 -2.16 0.02	30.99 -1.80 0.00	27.30 -1.65 0.00	26.60 -1.79 0.00	25.28 -1.56 0.00	23.45 -1.50 0.00	22.40 -1.28 0.00	21.48 -1.37 0.00	21.71 -1.34 0.00	23.65 -1.73 0.00	28.98 -2.38 0.00	31.85 -2.40 0.02	33.98 -2.36 0.00	32.22 -2.20 0.00	26.76 -1.86 0.00	23.56 -1.61 0.00	22.47 -1.23 0.00
ROCKVIEW_13_KV_LD 356306	23.25 1.44 0.00	21.76 1.29 0.00	21.91 1.02 0.00	21.96 0.91 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.30 2.09 0.00	37.47 2.55 0.00	35.25 2.46 0.00	30.77 1.82 0.00	30.15 1.76 0.00	28.59 1.74 0.00	26.57 1.62 0.00	25.18 1.49 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.07 1.70 0.00	33.88 2.51 0.00	37.05 2.78 0.00	39.39 3.05 0.00	37.21 2.79 0.00	30.39 1.77 0.00	26.63 1.46 0.00	25.01 1.30 0.00

ROME____115KV_TB2 80656	22.64 0.83 0.00	21.18 0.72 0.00	21.58 0.69 0.00	21.73 0.67 0.00	22.75 0.77 0.00	26.42 0.94 0.00	34.70 1.49 0.00	36.59 1.68 0.00	34.14 1.34 0.00	29.84 0.90 0.00	29.30 0.91 0.00	27.70 0.86 0.00	25.67 0.72 0.00	24.35 0.66 0.00	23.45 0.59 0.00	23.67 0.62 0.00	26.11 0.74 0.00	32.38 1.04 0.02	35.20 1.37 0.44	37.53 1.78 0.60	36.11 1.69 0.00	29.96 1.35 0.00	26.20 1.03 0.00	24.68 0.97 0.00
ROSETON____1 23587	22.77 0.96 0.00	21.43 0.96 0.00	21.64 0.75 0.00	21.68 0.63 0.00	22.57 0.59 0.00	26.22 0.74 0.00	34.70 1.50 0.00	36.73 1.81 0.00	34.63 1.84 0.00	30.22 1.27 0.00	29.53 1.14 0.00	27.97 1.13 0.00	25.99 1.05 0.00	24.66 0.97 0.00	23.84 0.98 0.00	24.06 1.01 0.00	26.54 1.17 0.00	33.12 1.76 0.00	36.15 1.88 0.00	38.45 2.11 0.00	36.38 1.96 0.00	29.85 1.23 0.00	26.15 0.98 0.00	24.58 0.88 0.00
ROSETON____2 23588	22.77 0.96 0.00	21.43 0.96 0.00	21.64 0.75 0.00	21.68 0.63 0.00	22.57 0.59 0.00	26.22 0.74 0.00	34.70 1.50 0.00	36.73 1.81 0.00	34.63 1.84 0.00	30.22 1.27 0.00	29.53 1.14 0.00	27.97 1.13 0.00	25.99 1.05 0.00	24.66 0.97 0.00	23.84 0.98 0.00	24.06 1.01 0.00	26.54 1.17 0.00	33.12 1.76 0.00	36.15 1.88 0.00	38.45 2.11 0.00	36.38 1.96 0.00	29.85 1.23 0.00	26.15 0.98 0.00	24.58 0.88 0.00
ROTTRDAM_115KV_TB3 80664	22.56 0.74 0.00	21.16 0.70 0.00	21.47 0.58 0.00	21.58 0.53 0.00	22.51 0.53 0.00	26.14 0.66 0.00	34.37 1.16 0.00	36.24 1.33 0.00	33.98 1.18 0.00	29.78 0.84 0.00	29.19 0.79 0.00	27.54 0.70 0.00	25.59 0.65 0.00	24.32 0.64 0.00	23.49 0.64 0.00	23.69 0.65 0.00	26.14 0.76 0.00	32.50 1.13 0.00	35.57 1.30 0.00	37.72 1.38 0.00	35.76 1.34 0.00	29.54 0.92 0.00	25.85 0.68 0.00	24.34 0.64 0.00
RUSSELL____1 23602	20.66 -1.16 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.03 -0.95 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.87 -2.03 0.02	31.19 -1.61 0.00	27.44 -1.51 0.00	26.74 -1.65 0.00	25.39 -1.45 0.00	23.55 -1.40 0.00	22.50 -1.18 0.00	21.60 -1.26 0.00	21.83 -1.22 0.00	23.75 -1.62 0.00	29.14 -2.23 0.00	32.05 -2.19 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.90 -1.72 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
RUSSELL____2 23532	20.66 -1.16 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.03 -0.95 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.87 -2.03 0.02	31.19 -1.61 0.00	27.44 -1.51 0.00	26.74 -1.65 0.00	25.39 -1.45 0.00	23.55 -1.40 0.00	22.50 -1.18 0.00	21.60 -1.26 0.00	21.83 -1.22 0.00	23.75 -1.62 0.00	29.14 -2.23 0.00	32.05 -2.19 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.90 -1.72 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
RUSSELL____3 23549	20.66 -1.16 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.03 -0.95 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.87 -2.03 0.02	31.19 -1.61 0.00	27.44 -1.51 0.00	26.74 -1.65 0.00	25.39 -1.45 0.00	23.55 -1.40 0.00	22.50 -1.18 0.00	21.60 -1.26 0.00	21.83 -1.22 0.00	23.75 -1.62 0.00	29.14 -2.23 0.00	32.05 -2.19 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.90 -1.72 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
RUSSELL____4 23556	20.66 -1.16 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.03 -0.95 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.87 -2.03 0.02	31.19 -1.61 0.00	27.44 -1.51 0.00	26.74 -1.65 0.00	25.39 -1.45 0.00	23.55 -1.40 0.00	22.50 -1.18 0.00	21.60 -1.26 0.00	21.83 -1.22 0.00	23.75 -1.62 0.00	29.14 -2.23 0.00	32.05 -2.19 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.90 -1.72 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
RUSSELL____STATION 23914	20.66 -1.16 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.03 -0.95 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.87 -2.03 0.02	31.19 -1.61 0.00	27.44 -1.51 0.00	26.74 -1.65 0.00	25.39 -1.45 0.00	23.55 -1.40 0.00	22.50 -1.18 0.00	21.60 -1.26 0.00	21.83 -1.22 0.00	23.75 -1.62 0.00	29.14 -2.23 0.00	32.05 -2.19 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.90 -1.72 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
S SALMON____HYD 24043	21.58 -0.24 0.00	20.16 -0.31 0.00	20.51 -0.38 0.00	20.65 -0.40 0.00	21.63 -0.35 0.00	25.10 -0.38 0.00	32.77 -0.43 0.00	34.46 -0.45 0.00	32.21 -0.59 0.00	28.31 -0.64 0.00	27.74 -0.65 0.00	26.23 -0.62 0.00	24.32 -0.62 0.00	23.05 -0.64 0.00	22.21 -0.64 0.00	22.38 -0.67 0.00	24.61 -0.76 0.00	30.43 -0.88 0.06	32.46 -0.69 1.12	34.28 -0.54 1.52	33.90 -0.52 0.00	28.22 -0.40 0.00	24.77 -0.40 0.00	23.32 -0.38 0.00
S.PERRY__115KV_TB1 80734	21.73 -0.09 0.00	20.51 0.04 0.00	20.85 -0.04 0.00	21.03 -0.02 0.00	22.09 0.11 0.00	25.76 0.28 0.00	33.60 0.40 0.00	34.68 -0.24 0.00	32.40 -0.39 0.00	28.19 -0.75 0.00	27.45 -0.94 0.00	26.01 -0.83 0.00	24.07 -0.87 0.00	22.88 -0.81 0.00	22.03 -0.82 0.00	22.24 -0.81 0.00	24.39 -0.99 0.00	30.11 -1.25 0.00	33.38 -0.89 0.00	36.01 -0.33 0.00	34.25 -0.17 0.00	28.30 -0.31 0.00	24.79 -0.38 0.00	23.54 -0.17 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.79 -2.03 0.00	18.75 -1.72 0.00	19.07 -1.82 0.00	19.28 -1.77 0.00	20.20 -1.78 0.00	23.37 -2.12 0.00	30.18 -3.02 0.00	30.57 -4.33 0.02	29.29 -3.51 0.00	25.88 -3.07 0.00	25.18 -3.21 0.00	24.08 -2.76 0.00	22.30 -2.64 0.00	21.41 -2.27 0.00	20.48 -2.38 0.00	20.74 -2.30 0.00	22.36 -3.02 0.00	27.16 -4.20 0.00	29.49 -4.76 0.02	31.76 -4.58 0.00	30.22 -4.20 0.00	25.24 -3.38 0.00	22.43 -2.74 0.00	21.78 -1.92 0.00
SAWYER__23_KV_LOAD 55526	19.79 -2.03 0.00	18.75 -1.72 0.00	19.07 -1.82 0.00	19.28 -1.77 0.00	20.20 -1.78 0.00	23.37 -2.12 0.00	30.18 -3.02 0.00	30.57 -4.33 0.02	29.29 -3.51 0.00	25.88 -3.07 0.00	25.18 -3.21 0.00	24.08 -2.76 0.00	22.30 -2.64 0.00	21.41 -2.27 0.00	20.48 -2.38 0.00	20.74 -2.30 0.00	22.36 -3.02 0.00	27.16 -4.20 0.00	29.49 -4.76 0.02	31.76 -4.58 0.00	30.22 -4.20 0.00	25.24 -3.38 0.00	22.43 -2.74 0.00	21.78 -1.92 0.00
SELKIRK____I 23801	22.71 0.89 0.00	21.37 0.90 0.00	21.66 0.77 0.00	21.77 0.72 0.00	22.70 0.72 0.00	26.32 0.84 0.00	34.63 1.43 0.00	36.49 1.57 0.00	34.24 1.44 0.00	29.99 1.04 0.00	29.33 0.94 0.00	27.67 0.83 0.00	25.69 0.75 0.00	24.44 0.76 0.00	23.58 0.73 0.00	23.78 0.74 0.00	26.24 0.86 0.00	32.62 1.26 0.00	35.71 1.44 0.00	37.83 1.49 0.00	35.87 1.45 0.00	29.62 1.00 0.00	25.98 0.81 0.00	24.46 0.76 0.00
SELKIRK____II 23799	22.60 0.78 0.00	21.25 0.78 0.00	21.54 0.65 0.00	21.62 0.57 0.00	22.55 0.57 0.00	26.14 0.66 0.00	34.43 1.23 0.00	36.35 1.43 0.00	34.11 1.31 0.00	29.87 0.93 0.00	29.22 0.82 0.00	27.59 0.75 0.00	25.64 0.70 0.00	24.39 0.71 0.00	23.54 0.68 0.00	23.76 0.72 0.00	26.19 0.81 0.00	32.59 1.22 0.00	35.64 1.37 0.00	37.80 1.46 0.00	35.83 1.41 0.00	29.56 0.94 0.00	25.93 0.75 0.00	24.37 0.66 0.00

SENECA OSWGO___HYD 24041	21.64 -0.18 0.00	20.26 -0.20 0.00	20.60 -0.29 0.00	20.74 -0.32 0.00	21.72 -0.26 0.00	25.18 -0.30 0.00	32.81 -0.40 0.00	34.39 -0.52 0.00	32.17 -0.62 0.00	28.34 -0.61 0.00	27.79 -0.60 0.00	26.28 -0.56 0.00	24.42 -0.53 0.00	23.16 -0.52 0.00	22.35 -0.50 0.00	22.52 -0.53 0.00	24.77 -0.61 0.00	30.58 -0.78 0.00	33.55 -0.72 0.00	35.65 -0.69 0.00	33.77 -0.66 0.00	28.05 -0.57 0.00	24.62 -0.55 0.00	23.23 -0.47 0.00
SENECA___115KV_TB3 355854	20.09 -1.72 0.00	19.04 -1.43 0.00	19.36 -1.52 0.00	19.56 -1.49 0.00	20.51 -1.47 0.00	23.72 -1.76 0.00	30.75 -2.46 0.00	30.96 -3.95 0.02	29.78 -3.02 0.00	26.25 -2.69 0.00	25.58 -2.81 0.00	24.45 -2.39 0.00	22.60 -2.34 0.00	21.67 -2.01 0.00	20.75 -2.10 0.00	21.00 -2.05 0.00	22.63 -2.74 0.00	27.54 -3.83 0.00	29.77 -4.49 0.02	32.27 -4.07 0.00	30.70 -3.72 0.00	25.61 -3.01 0.00	22.80 -2.37 0.00	22.16 -1.54 0.00
SENECA___ENERGY 23797	21.79 -0.02 0.00	20.33 -0.14 0.00	20.66 -0.23 0.00	20.82 -0.23 0.00	21.83 -0.15 0.00	25.38 -0.10 0.00	33.17 -0.03 0.00	34.66 -0.31 -0.06	32.34 -0.46 0.00	28.45 -0.49 0.00	27.88 -0.51 0.00	26.38 -0.46 0.00	24.52 -0.42 0.00	23.23 -0.45 0.00	22.42 -0.43 0.00	22.61 -0.44 0.00	24.79 -0.58 0.00	30.61 -0.75 0.00	33.74 -0.58 -0.06	35.87 -0.47 0.00	34.01 -0.41 0.00	28.19 -0.43 0.00	24.74 -0.43 0.00	23.39 -0.31 0.00
SHOEMAKER___GT 23640	22.71 0.89 0.00	21.35 0.88 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.55 0.57 0.00	26.19 0.71 0.00	34.57 1.36 0.00	36.59 1.68 0.00	34.47 1.67 0.00	30.04 1.10 0.00	29.36 0.97 0.00	27.81 0.96 0.00	25.82 0.87 0.00	24.51 0.83 0.00	23.67 0.82 0.00	23.90 0.85 0.00	26.36 0.99 0.00	32.90 1.54 0.00	35.95 1.68 0.00	38.30 1.96 0.00	36.24 1.82 0.00	29.71 1.09 0.00	26.05 0.88 0.00	24.51 0.81 0.00
SHOEMAKR_138KV_BK 111 55601	22.80 0.98 0.00	21.35 0.88 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.55 0.57 0.00	26.20 0.71 0.00	34.57 1.36 0.00	36.59 1.68 0.00	34.40 1.61 0.00	30.04 1.10 0.00	29.39 0.99 0.00	27.83 0.99 0.00	25.87 0.92 0.00	24.54 0.85 0.00	23.72 0.87 0.00	23.92 0.88 0.00	26.36 0.99 0.00	32.94 1.57 0.00	36.02 1.75 0.00	38.30 1.96 0.00	36.24 1.82 0.00	29.74 1.12 0.00	26.08 0.91 0.00	24.51 0.81 0.00
SHOREHAM_IC_1 23715	23.28 1.46 0.00	21.82 1.35 0.00	22.00 1.11 0.00	22.02 0.97 0.00	22.97 0.99 0.00	26.60 1.12 0.00	35.20 1.99 0.00	37.29 2.38 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.10	26.47 1.52 0.00	25.08 1.40 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.82 3.39 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.03 2.15 -3.26	29.19 1.81 -2.20	25.57 1.61 -0.25
SHOREHAM_IC_2 23716	23.28 1.46 0.00	21.82 1.35 0.00	22.00 1.11 0.00	22.02 0.97 0.00	22.97 0.99 0.00	26.60 1.12 0.00	35.20 1.99 0.00	37.29 2.38 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.10	26.47 1.52 0.00	25.08 1.40 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.82 3.39 -1.16	42.09 3.60 -2.15	38.74 3.30 -1.01	34.03 2.15 -3.26	29.19 1.81 -2.20	25.57 1.61 -0.25
SISSONVILLE___ 23735	24.97 -1.09 -4.24	23.43 -1.08 -4.05	24.16 -0.88 -4.14	24.45 -0.78 -4.18	25.48 -0.81 -4.31	29.24 -1.07 -4.82	37.53 -1.59 -5.92	39.49 -1.57 -6.14	37.10 -1.57 -5.88	33.20 -1.10 -5.36	32.67 -0.99 -5.28	30.89 -0.99 -5.04	28.76 -0.95 -4.76	27.28 -0.97 -4.57	26.27 -1.03 -4.44	26.42 -1.08 -4.46	29.05 -1.14 -4.81	34.79 -1.54 -4.96	24.39 -1.65 8.24	21.52 -1.78 13.04	38.93 -1.58 -6.09	32.95 -0.97 -5.30	29.14 -0.83 -4.80	27.43 -0.85 -4.58
SITHE_IND_GS1 24169	21.44 -0.37 0.00	20.06 -0.41 0.00	20.41 -0.48 0.00	20.55 -0.51 0.00	21.50 -0.48 0.00	24.92 -0.56 0.00	32.34 -0.86 0.00	33.94 -0.98 0.00	31.78 -1.02 0.00	28.05 -0.90 0.00	27.48 -0.91 0.00	26.01 -0.83 0.00	24.17 -0.77 0.00	22.95 -0.73 0.00	22.14 -0.71 0.00	22.33 -0.71 0.00	24.54 -0.84 0.00	30.24 -1.13 0.00	33.14 -1.13 0.00	35.25 -1.09 0.00	33.39 -1.03 0.00	27.73 -0.89 0.00	24.36 -0.81 0.00	22.99 -0.71 0.00
SITHE_IND_GS2 24170	21.44 -0.37 0.00	20.06 -0.41 0.00	20.41 -0.48 0.00	20.55 -0.51 0.00	21.50 -0.48 0.00	24.92 -0.56 0.00	32.34 -0.86 0.00	33.94 -0.98 0.00	31.78 -1.02 0.00	28.05 -0.90 0.00	27.48 -0.91 0.00	26.01 -0.83 0.00	24.17 -0.77 0.00	22.95 -0.73 0.00	22.14 -0.71 0.00	22.33 -0.71 0.00	24.54 -0.84 0.00	30.24 -1.13 0.00	33.14 -1.13 0.00	35.25 -1.09 0.00	33.39 -1.03 0.00	27.73 -0.89 0.00	24.36 -0.81 0.00	22.99 -0.71 0.00
SITHE_IND_GS3 24171	21.44 -0.37 0.00	20.06 -0.41 0.00	20.41 -0.48 0.00	20.55 -0.51 0.00	21.50 -0.48 0.00	24.92 -0.56 0.00	32.34 -0.86 0.00	33.94 -0.98 0.00	31.78 -1.02 0.00	28.05 -0.90 0.00	27.48 -0.91 0.00	26.01 -0.83 0.00	24.17 -0.77 0.00	22.95 -0.73 0.00	22.14 -0.71 0.00	22.33 -0.71 0.00	24.54 -0.84 0.00	30.24 -1.13 0.00	33.14 -1.13 0.00	35.25 -1.09 0.00	33.39 -1.03 0.00	27.73 -0.89 0.00	24.36 -0.81 0.00	22.99 -0.71 0.00
SITHE_IND_GS4 24172	21.44 -0.37 0.00	20.06 -0.41 0.00	20.41 -0.48 0.00	20.55 -0.51 0.00	21.50 -0.48 0.00	24.92 -0.56 0.00	32.34 -0.86 0.00	33.94 -0.98 0.00	31.78 -1.02 0.00	28.05 -0.90 0.00	27.48 -0.91 0.00	26.01 -0.83 0.00	24.17 -0.77 0.00	22.95 -0.73 0.00	22.14 -0.71 0.00	22.33 -0.71 0.00	24.54 -0.84 0.00	30.24 -1.13 0.00	33.14 -1.13 0.00	35.25 -1.09 0.00	33.39 -1.03 0.00	27.73 -0.89 0.00	24.36 -0.81 0.00	22.99 -0.71 0.00
SITHE___BATAVIA 24024	20.92 -0.90 0.00	19.16 -1.31 0.00	19.49 -1.40 0.00	19.70 -1.35 0.00	20.75 -1.23 0.00	23.95 -1.53 0.00	31.05 -2.16 0.00	31.89 -3.00 0.02	29.78 -3.02 0.00	26.48 -2.46 0.00	25.89 -2.50 0.00	24.61 -2.23 0.00	22.97 -1.97 0.00	21.84 -1.85 0.00	21.07 -1.78 0.00	21.20 -1.84 0.00	22.86 -2.51 0.00	27.98 -3.39 0.00	30.82 -3.43 0.02	33.03 -3.31 0.00	31.39 -3.03 0.00	26.10 -2.52 0.00	23.03 -2.14 0.00	22.21 -1.49 0.00
SITHE___INDEPEND 23800	21.33 -0.48 0.00	20.06 -0.41 0.00	20.41 -0.48 0.00	20.57 -0.48 0.00	21.50 -0.48 0.00	24.92 -0.56 0.00	32.34 -0.86 0.00	33.90 -1.01 0.00	31.84 -0.95 0.00	28.05 -0.90 0.00	27.48 -0.91 0.00	26.01 -0.83 0.00	24.15 -0.80 0.00	22.95 -0.73 0.00	22.12 -0.73 0.00	22.33 -0.71 0.00	24.54 -0.84 0.00	30.24 -1.13 0.00	33.11 -1.17 0.00	35.25 -1.09 0.00	33.39 -1.03 0.00	27.73 -0.89 0.00	24.37 -0.81 0.00	22.99 -0.71 0.00
SITHE___MASSENA 23902	22.07 -0.52 -0.78	20.72 -0.49 -0.75	21.36 -0.29 -0.76	21.63 -0.19 -0.77	22.58 -0.20 -0.80	26.01 -0.36 -0.89	33.53 -0.76 -1.09	35.19 -0.84 -1.11	33.05 -0.82 -1.08	29.53 -0.41 -0.99	29.08 -0.28 -0.97	27.45 -0.32 -0.93	25.52 -0.30 -0.88	24.22 -0.31 -0.84	23.28 -0.39 -0.82	23.42 -0.44 -0.82	25.80 -0.46 -0.88	30.94 -0.72 -0.30	19.55 -0.86 13.87	16.22 -0.98 19.14	34.75 -0.79 -1.12	29.22 -0.37 -0.98	25.83 -0.23 -0.89	24.31 -0.24 -0.84

SITHE___OGDNSBRG 24021	24.23 -0.48 -2.90	22.72 -0.51 -2.77	23.45 -0.27 -2.83	23.74 -0.17 -2.86	24.77 -0.15 -2.95	28.52 -0.25 -3.30	36.72 -0.53 -4.04	38.69 -0.42 -4.19	36.19 -0.62 -4.01	32.37 -0.23 -3.66	31.94 -0.06 -3.61	30.15 -0.13 -3.44	28.10 -0.10 -3.25	26.62 -0.19 -3.12	25.59 -0.30 -3.03	25.70 -0.39 -3.04	28.28 -0.38 -3.29	33.89 -0.63 -3.15	23.20 -0.65 10.42	20.28 -0.65 15.41	38.10 -0.48 -4.16	32.16 -0.09 -3.62	28.40 -0.05 -3.28	26.71 -0.12 -3.13
SITHE___STERLING 23777	22.56 0.74 0.00	21.08 0.61 0.00	21.45 0.56 0.00	21.62 0.57 0.00	22.62 0.64 0.00	26.27 0.79 0.00	34.43 1.23 0.00	36.28 1.36 0.00	33.81 1.02 0.00	29.64 0.69 0.00	29.13 0.74 0.00	27.54 0.70 0.00	25.57 0.62 0.00	24.25 0.57 0.00	23.38 0.53 0.00	23.58 0.53 0.00	25.98 0.61 0.00	32.21 0.85 0.00	35.40 1.13 0.00	37.80 1.46 0.00	35.80 1.38 0.00	29.68 1.06 0.00	26.00 0.83 0.00	24.46 0.76 0.00
SLEIGHT__34_KV_TB1 80719	20.94 -0.87 0.00	19.75 -0.72 0.00	20.10 -0.79 0.00	20.27 -0.78 0.00	21.25 -0.73 0.00	24.69 -0.79 0.00	32.18 -1.03 0.00	33.57 -1.33 0.02	31.58 -1.21 0.00	27.79 -1.16 0.00	27.20 -1.19 0.00	25.77 -1.07 0.00	23.90 -1.05 0.00	22.76 -0.92 0.00	21.87 -0.98 0.00	22.08 -0.97 0.00	24.16 -1.22 0.00	29.70 -1.66 0.00	32.64 -1.61 0.02	34.82 -1.53 0.00	32.97 -1.45 0.00	27.36 -1.26 0.00	24.01 -1.16 0.00	22.76 -0.95 0.00
SOUTH CAIRO___GT 23612	23.43 1.61 0.00	21.98 1.51 0.00	22.29 1.40 0.00	22.40 1.35 0.00	23.41 1.43 0.00	27.27 1.78 0.00	36.00 2.79 0.00	37.99 3.07 0.00	35.32 2.53 0.00	30.65 1.71 0.00	29.81 1.42 0.00	28.02 1.18 0.00	25.97 1.02 0.00	24.72 1.04 0.00	23.86 1.00 0.00	24.06 1.01 0.00	26.64 1.27 0.00	33.38 2.01 0.00	36.70 2.43 0.00	39.14 2.80 0.00	37.14 2.72 0.00	30.54 1.92 0.00	26.66 1.48 0.00	25.15 1.45 0.00
SOUTH HAMPTN___IC 23720	23.54 1.72 0.00	22.07 1.60 0.00	22.23 1.34 0.00	22.27 1.22 0.00	23.25 1.27 0.00	26.93 1.45 0.00	35.70 2.49 0.00	37.85 2.93 0.00	35.94 3.15 0.00	31.35 2.40 0.00	30.66 2.24 -0.03	28.97 2.04 -0.09	26.79 1.85 0.00	25.32 1.63 0.00	24.61 1.76 0.00	24.91 1.87 0.00	27.84 2.46 -0.01	34.88 3.51 0.00	39.20 3.77 -1.16	42.53 4.03 -2.15	39.15 3.72 -1.01	34.37 2.49 -3.26	29.46 2.09 -2.20	25.83 1.87 -0.25
SOUTHDOW__115KV_TB1 355954	20.51 -1.31 0.00	19.24 -1.23 0.00	19.57 -1.32 0.00	19.89 -1.16 0.00	20.75 -1.23 0.00	24.08 -1.40 0.00	31.71 -1.49 0.00	31.62 -3.28 0.01	30.53 -2.26 0.00	26.77 -2.17 0.00	26.04 -2.36 0.00	24.86 -1.99 0.00	23.00 -1.95 0.00	22.00 -1.68 0.00	21.07 -1.78 0.00	21.32 -1.73 0.00	22.96 -2.41 0.00	28.07 -3.29 0.00	30.22 -4.04 0.01	33.14 -3.20 0.00	31.63 -2.79 0.00	26.36 -2.26 0.00	23.41 -1.76 0.00	22.78 -0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	24.06 2.25 0.00	22.35 1.88 0.00	22.48 1.59 0.00	22.53 1.47 0.00	23.54 1.56 0.00	27.29 1.81 0.00	36.23 3.02 0.00	38.44 3.53 0.00	36.40 3.61 0.00	31.78 2.84 0.00	31.17 2.75 -0.02	29.46 2.52 -0.09	27.16 2.22 0.00	25.55 1.87 0.00	24.82 1.97 0.00	25.26 2.21 0.00	28.09 2.72 0.00	35.29 3.92 0.00	39.77 4.35 -1.15	43.10 4.62 -2.14	39.62 4.20 -1.00	34.76 2.89 -3.25	29.75 2.39 -2.19	26.11 2.16 -0.25
SOUTHOLD___IC 23719	23.80 1.98 0.00	22.31 1.84 0.00	22.48 1.59 0.00	22.50 1.45 0.00	23.52 1.54 0.00	27.29 1.81 0.00	36.23 3.02 0.00	38.44 3.53 0.00	36.47 3.67 0.00	31.78 2.84 0.00	31.12 2.70 -0.03	29.32 2.39 -0.09	27.06 2.12 0.00	25.55 1.87 0.00	24.79 1.94 0.00	25.12 2.08 0.00	28.10 2.72 -0.01	35.29 3.92 0.00	39.68 4.25 -1.16	43.11 4.62 -2.15	39.63 4.20 -1.01	34.77 2.89 -3.26	29.76 2.39 -2.20	26.11 2.16 -0.25
SOUTH_FORK_WT_PWR 323839	23.74 1.92 0.00	22.27 1.80 0.00	22.44 1.55 0.00	22.48 1.43 0.00	23.50 1.52 0.00	27.24 1.76 0.00	36.16 2.95 0.00	38.41 3.49 0.00	36.43 3.64 0.00	31.78 2.84 0.00	31.06 2.64 -0.03	29.27 2.33 -0.09	26.99 2.05 0.00	25.46 1.78 0.00	24.73 1.87 0.00	25.03 1.98 0.00	28.00 2.61 -0.01	35.16 3.79 0.00	39.54 4.11 -1.16	42.96 4.47 -2.15	39.53 4.09 -1.01	34.69 2.81 -3.26	29.69 2.31 -2.20	26.04 2.09 -0.25
SPIERFLS_115KV_TB 1 80737	23.01 1.20 0.00	21.57 1.11 0.00	21.87 0.98 0.00	21.98 0.93 0.00	22.97 0.99 0.00	26.76 1.27 0.00	35.33 2.13 0.00	37.36 2.44 0.00	35.03 2.23 0.00	30.65 1.71 0.00	29.98 1.59 0.00	28.13 1.29 0.00	26.09 1.15 0.00	24.82 1.14 0.00	23.93 1.07 0.00	24.11 1.06 0.00	26.64 1.27 0.00	33.28 1.91 0.00	36.50 2.23 0.00	38.78 2.43 0.00	36.76 2.34 0.00	30.25 1.63 0.00	26.35 1.18 0.00	24.79 1.09 0.00
ST LAWRENCE____ 23600	21.10 -0.72 0.00	19.79 -0.67 0.00	20.43 -0.46 0.00	20.67 -0.38 0.00	21.58 -0.40 0.00	24.97 -0.51 0.00	32.21 -1.00 0.00	33.81 -1.08 0.02	31.77 -1.02 0.01	28.34 -0.61 0.00	27.91 -0.48 0.00	26.36 -0.48 0.00	24.50 -0.45 0.00	23.23 -0.45 0.00	22.37 -0.48 0.00	22.55 -0.49 0.01	24.86 -0.51 0.01	29.79 -0.82 0.76	18.22 -0.96 15.09	14.76 -1.13 20.45	33.35 -1.07 0.01	28.05 -0.57 0.00	24.74 -0.43 0.00	23.28 -0.43 0.00
STATE_CA_115KV_115_LB 55624	22.91 1.09 0.00	21.49 1.02 0.00	21.77 0.88 0.00	21.83 0.78 0.00	22.79 0.81 0.00	26.42 0.94 0.00	34.93 1.73 0.00	36.91 1.99 0.00	34.53 1.74 0.00	30.25 1.30 0.00	29.64 1.25 0.00	27.94 1.10 0.00	25.99 1.05 0.00	24.73 1.04 0.00	23.88 1.03 0.00	24.08 1.04 0.00	26.57 1.19 0.00	33.06 1.69 0.00	36.19 1.92 0.00	38.34 2.00 0.00	36.35 1.93 0.00	29.96 1.35 0.00	26.25 1.08 0.00	24.68 0.97 0.00
STATE_ST_34_KV_LOAD 55959	21.88 0.07 0.00	20.59 0.12 0.00	20.93 0.04 0.00	21.09 0.04 0.00	22.07 0.09 0.00	25.63 0.15 0.00	33.50 0.30 0.00	35.11 0.17 -0.02	33.19 0.39 0.00	29.23 0.29 0.00	28.33 -0.06 0.00	26.81 -0.03 0.00	24.87 -0.07 0.00	23.64 -0.05 0.00	22.76 -0.09 0.00	22.95 -0.09 0.00	25.25 -0.13 0.00	31.18 -0.19 0.00	34.22 -0.07 -0.02	36.45 0.11 0.00	34.56 0.14 0.00	28.59 -0.03 0.00	25.07 -0.10 0.00	23.68 -0.02 0.00
STATION 5_MISC_HYD 23604	21.07 -0.74 0.00	19.44 -1.02 0.00	19.78 -1.11 0.00	19.98 -1.07 0.00	20.99 -0.99 0.00	24.31 -1.17 0.00	31.51 -1.69 0.00	32.83 -2.06 0.02	30.70 -2.10 0.00	27.21 -1.74 0.00	26.63 -1.76 0.00	25.28 -1.56 0.00	23.57 -1.37 0.00	22.40 -1.28 0.00	21.62 -1.23 0.00	21.76 -1.29 0.00	23.60 -1.78 0.00	28.98 -2.39 0.00	31.95 -2.30 0.02	33.98 -2.36 0.00	32.22 -2.20 0.00	26.76 -1.86 0.00	23.56 -1.61 0.00	22.47 -1.23 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.16 -0.65 0.00	19.96 -0.51 0.00	20.28 -0.61 0.00	20.48 -0.57 0.00	21.47 -0.51 0.00	24.95 -0.54 0.00	32.51 -0.70 0.00	33.82 -1.05 0.05	31.88 -0.92 0.00	27.99 -0.96 0.00	27.40 -0.99 0.00	25.96 -0.89 0.00	24.05 -0.90 0.00	22.93 -0.76 0.00	22.03 -0.82 0.00	22.24 -0.81 0.00	24.33 -1.04 0.00	29.96 -1.41 0.00	32.92 -1.30 0.05	35.14 -1.20 0.00	33.32 -1.10 0.00	27.59 -1.03 0.00	24.24 -0.93 0.00	22.99 -0.71 0.00

STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.55 -1.27 0.00	19.42 -1.04 0.00	19.74 -1.15 0.00	19.94 -1.12 0.00	20.90 -1.08 0.00	24.26 -1.22 0.00	31.48 -1.73 0.00	32.72 -2.16 0.03	30.96 -1.84 0.00	27.27 -1.68 0.00	26.63 -1.76 0.00	25.26 -1.58 0.00	23.42 -1.52 0.00	22.38 -1.30 0.00	21.48 -1.37 0.00	21.71 -1.34 0.00	23.65 -1.73 0.00	29.01 -2.35 0.00	31.91 -2.33 0.03	34.02 -2.33 0.00	32.25 -2.17 0.00	26.76 -1.86 0.00	23.53 -1.64 0.00	22.42 -1.28 0.00
STA_56____34_KV_BUS2 355983	20.55 -1.27 0.00	19.42 -1.04 0.00	19.74 -1.15 0.00	19.94 -1.12 0.00	20.90 -1.08 0.00	24.26 -1.22 0.00	31.48 -1.73 0.00	32.72 -2.16 0.03	30.96 -1.84 0.00	27.27 -1.68 0.00	26.63 -1.76 0.00	25.26 -1.58 0.00	23.42 -1.52 0.00	22.38 -1.30 0.00	21.48 -1.37 0.00	21.71 -1.34 0.00	23.65 -1.73 0.00	29.01 -2.35 0.00	31.91 -2.33 0.03	34.02 -2.33 0.00	32.25 -2.17 0.00	26.76 -1.86 0.00	23.53 -1.64 0.00	22.42 -1.28 0.00
STA_67____115KV_BK2 355882	20.55 -1.27 0.00	19.42 -1.04 0.00	19.74 -1.15 0.00	19.94 -1.12 0.00	20.90 -1.08 0.00	24.26 -1.22 0.00	31.45 -1.76 0.00	32.62 -2.27 0.02	30.89 -1.90 0.00	27.21 -1.74 0.00	26.55 -1.85 0.00	25.20 -1.64 0.00	23.37 -1.57 0.00	22.33 -1.35 0.00	21.44 -1.42 0.00	21.66 -1.38 0.00	23.60 -1.78 0.00	28.92 -2.45 0.00	31.78 -2.47 0.02	33.87 -2.47 0.00	32.15 -2.27 0.00	26.70 -1.92 0.00	23.51 -1.66 0.00	22.42 -1.28 0.00
STA_7____115KV_9TRANS 80674	20.66 -1.16 0.00	19.53 -0.94 0.00	19.87 -1.02 0.00	20.06 -0.99 0.00	21.03 -0.95 0.00	24.41 -1.07 0.00	31.68 -1.53 0.00	32.87 -2.03 0.02	31.19 -1.61 0.00	27.44 -1.51 0.00	26.74 -1.65 0.00	25.39 -1.45 0.00	23.55 -1.40 0.00	22.50 -1.18 0.00	21.60 -1.26 0.00	21.83 -1.22 0.00	23.75 -1.62 0.00	29.14 -2.23 0.00	32.05 -2.19 0.02	34.20 -2.14 0.00	32.42 -2.00 0.00	26.90 -1.72 0.00	23.69 -1.49 0.00	22.57 -1.14 0.00
STA_82____115KV_TB1 80780	20.55 -1.27 0.00	19.42 -1.04 0.00	19.76 -1.13 0.00	19.96 -1.09 0.00	20.92 -1.06 0.00	24.26 -1.22 0.00	31.48 -1.73 0.00	32.66 -2.23 0.02	30.93 -1.87 0.00	27.24 -1.71 0.00	26.57 -1.82 0.00	25.23 -1.61 0.00	23.40 -1.55 0.00	22.36 -1.33 0.00	21.46 -1.39 0.00	21.66 -1.38 0.00	23.60 -1.78 0.00	28.92 -2.45 0.00	31.78 -2.47 0.02	33.91 -2.43 0.00	32.15 -2.27 0.00	26.70 -1.92 0.00	23.51 -1.66 0.00	22.42 -1.28 0.00
STEEL____WIND 323596	20.83 -0.98 0.00	19.02 -1.45 0.00	19.37 -1.52 0.00	19.56 -1.49 0.00	20.55 -1.43 0.00	23.70 -1.78 0.00	30.71 -2.49 0.00	31.03 -3.88 0.02	29.29 -3.51 0.00	26.17 -2.78 0.00	25.58 -2.81 0.00	24.43 -2.42 0.00	22.77 -2.17 0.00	21.67 -2.01 0.00	20.91 -1.94 0.00	21.04 -2.01 0.00	22.58 -2.79 0.00	27.51 -3.86 0.00	29.84 -4.42 0.02	32.23 -4.11 0.00	30.67 -3.75 0.00	25.64 -2.98 0.00	22.78 -2.39 0.00	22.14 -1.57 0.00
STEPHTWN_115KV_BK_2 55603	22.99 1.18 0.00	21.57 1.11 0.00	21.83 0.94 0.00	21.94 0.88 0.00	22.88 0.90 0.00	26.55 1.07 0.00	35.10 1.89 0.00	37.08 2.16 0.00	34.70 1.90 0.00	30.36 1.42 0.00	29.75 1.36 0.00	28.05 1.21 0.00	26.09 1.15 0.00	24.84 1.16 0.00	23.97 1.12 0.00	24.18 1.13 0.00	26.67 1.29 0.00	33.25 1.88 0.00	36.36 2.09 0.00	38.52 2.18 0.00	36.52 2.10 0.00	30.11 1.49 0.00	26.35 1.18 0.00	24.77 1.07 0.00
STEUBEN_REC_LFGE 323667	21.84 0.02 0.00	20.55 0.08 0.00	20.89 0.00 0.00	21.03 -0.02 0.00	22.09 0.11 0.00	25.76 0.28 0.00	33.47 0.27 0.00	34.39 -0.56 -0.03	32.34 -0.46 0.00	28.19 -0.75 0.00	27.57 -0.82 0.00	26.09 -0.75 0.00	24.10 -0.85 0.00	22.85 -0.83 0.00	22.03 -0.82 0.00	22.17 -0.88 0.00	24.31 -1.07 0.00	30.05 -1.32 0.00	33.03 -1.27 -0.03	35.61 -0.73 0.00	33.80 -0.62 0.00	27.99 -0.63 0.00	24.59 -0.58 0.00	23.37 -0.33 0.00
STILLWATER____SOLAR 323814	22.88 1.07 0.00	21.53 1.06 0.00	21.81 0.92 0.00	21.91 0.86 0.00	22.86 0.88 0.00	26.58 1.09 0.00	35.06 1.86 0.00	37.01 2.09 0.00	34.70 1.90 0.00	30.36 1.42 0.00	29.73 1.33 0.00	27.97 1.13 0.00	25.94 1.00 0.00	24.68 0.99 0.00	23.81 0.96 0.00	24.01 0.97 0.00	26.54 1.17 0.00	33.06 1.69 0.00	36.22 1.95 0.00	38.45 2.11 0.00	36.45 2.03 0.00	30.05 1.43 0.00	26.25 1.08 0.00	24.70 1.00 0.00
STONY____BROOK 24151	23.52 1.70 0.00	22.07 1.60 0.00	22.23 1.34 0.00	22.25 1.20 0.00	23.21 1.23 0.00	26.93 1.45 0.00	35.63 2.42 0.00	37.81 2.90 0.00	36.01 3.22 0.00	31.46 2.52 0.00	30.69 2.27 -0.03	29.06 2.12 -0.10	26.87 1.92 0.00	25.44 1.75 0.00	24.64 1.78 0.00	24.94 1.89 0.00	27.74 2.36 -0.01	34.72 3.36 0.00	39.03 3.60 -1.16	42.46 3.96 -2.15	39.08 3.65 -1.01	34.31 2.43 -3.26	29.44 2.06 -2.20	25.81 1.85 -0.26
STURGEON_POOL_HYD 23609	22.88 1.07 0.00	21.41 0.94 0.00	21.62 0.73 0.00	21.66 0.61 0.00	22.55 0.57 0.00	26.17 0.69 0.00	34.60 1.39 0.00	36.70 1.78 0.00	34.43 1.64 0.00	29.99 1.04 0.00	29.39 0.99 0.00	27.86 1.02 0.00	25.89 0.95 0.00	24.54 0.85 0.00	23.72 0.87 0.00	23.95 0.90 0.00	26.42 1.04 0.00	33.06 1.69 0.00	36.16 1.88 0.00	38.49 2.14 0.00	36.38 1.96 0.00	29.76 1.14 0.00	26.10 0.93 0.00	24.56 0.85 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.93 1.11 0.00	21.45 0.98 0.00	21.66 0.77 0.00	21.73 0.67 0.00	22.62 0.64 0.00	26.27 0.79 0.00	34.77 1.56 0.00	36.84 1.92 0.00	34.60 1.80 0.00	30.19 1.24 0.00	29.58 1.19 0.00	28.02 1.18 0.00	26.07 1.12 0.00	24.70 1.02 0.00	23.88 1.03 0.00	24.08 1.04 0.00	26.57 1.19 0.00	33.19 1.82 0.00	36.29 2.02 0.00	38.63 2.29 0.00	36.52 2.10 0.00	29.88 1.26 0.00	26.20 1.03 0.00	24.63 0.92 0.00
SWANROAD_115KV_TB1 355699	19.24 -2.57 0.00	18.32 -2.15 0.00	18.63 -2.26 0.00	18.84 -2.21 0.00	19.72 -2.26 0.00	22.76 -2.73 0.00	29.35 -3.85 0.00	29.77 -5.13 0.02	28.47 -4.33 0.00	25.15 -3.79 0.00	24.47 -3.92 0.00	23.41 -3.44 0.00	21.68 -3.27 0.00	20.84 -2.84 0.00	19.95 -2.90 0.00	20.19 -2.86 0.00	21.77 -3.60 0.00	26.41 -4.96 0.00	28.77 -5.48 0.02	30.89 -5.45 0.00	29.36 -5.06 0.00	24.53 -4.09 0.00	21.82 -3.35 0.00	21.21 -2.49 0.00
SYNERGY____BIOGAS 323694	20.92 -0.90 0.00	19.16 -1.31 0.00	19.49 -1.40 0.00	19.70 -1.35 0.00	20.75 -1.23 0.00	23.95 -1.53 0.00	31.05 -2.16 0.00	31.89 -3.00 0.02	29.78 -3.02 0.00	26.48 -2.46 0.00	25.89 -2.50 0.00	24.61 -2.23 0.00	22.97 -1.97 0.00	21.84 -1.85 0.00	21.07 -1.78 0.00	21.20 -1.84 0.00	22.86 -2.51 0.00	27.98 -3.39 0.00	30.82 -3.43 0.02	33.03 -3.31 0.00	31.39 -3.03 0.00	26.10 -2.52 0.00	23.03 -2.14 0.00	22.21 -1.49 0.00
SYRACUSE____ENERGY_ST1 323597	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.92 0.00 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.28 -0.11 0.00	26.73 -0.11 0.00	24.82 -0.12 0.00	23.57 -0.12 0.00	22.72 -0.14 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.07 -0.21 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00

SYRACUSE___ENERGY_ST2 323598	21.86 0.04 0.00	20.57 0.10 0.00	20.91 0.02 0.00	21.05 0.00 0.00	22.05 0.07 0.00	25.58 0.10 0.00	33.34 0.13 0.00	34.92 0.00 -0.01	32.73 -0.07 0.00	28.83 -0.12 0.00	28.28 -0.11 0.00	26.73 -0.11 0.00	24.82 -0.12 0.00	23.57 -0.12 0.00	22.72 -0.14 0.00	22.91 -0.14 0.00	25.17 -0.20 0.00	31.08 -0.28 0.00	34.07 -0.21 -0.01	36.23 -0.11 0.00	34.32 -0.10 0.00	28.48 -0.14 0.00	25.02 -0.15 0.00	23.59 -0.12 0.00
SYRACUSE___POWER 24017	21.79 -0.02 0.00	20.49 0.02 0.00	20.85 -0.04 0.00	20.99 -0.06 0.00	21.96 -0.02 0.00	25.48 0.00 0.00	33.21 0.00 0.00	34.78 -0.14 0.00	32.63 -0.16 0.00	28.74 -0.20 0.00	28.22 -0.17 0.00	26.68 -0.16 0.00	24.77 -0.17 0.00	23.52 -0.17 0.00	22.67 -0.18 0.00	22.86 -0.18 0.00	25.15 -0.23 0.00	31.02 -0.35 0.00	33.96 -0.31 0.00	36.16 -0.18 0.00	34.25 -0.17 0.00	28.45 -0.17 0.00	24.99 -0.18 0.00	23.56 -0.14 0.00
TALLMAN__138KV_BK151 55660	23.10 1.29 0.00	21.59 1.13 0.00	21.79 0.90 0.00	21.83 0.78 0.00	22.73 0.75 0.00	26.40 0.92 0.00	35.00 1.79 0.00	37.12 2.20 0.00	34.96 2.16 0.00	30.48 1.53 0.00	29.87 1.48 0.00	28.29 1.45 0.00	26.32 1.37 0.00	24.92 1.23 0.00	24.11 1.26 0.00	24.31 1.27 0.00	26.80 1.42 0.00	33.50 2.13 0.00	36.64 2.36 0.00	38.96 2.62 0.00	36.83 2.41 0.00	30.11 1.49 0.00	26.38 1.21 0.00	24.82 1.11 0.00
TEALLAVE_115KV_TB7 355573	21.73 -0.09 0.00	20.43 -0.04 0.00	20.76 -0.13 0.00	20.90 -0.15 0.00	21.87 -0.11 0.00	25.38 -0.10 0.00	33.01 -0.20 0.00	34.60 -0.31 0.00	32.47 -0.33 0.00	28.60 -0.35 0.00	28.08 -0.31 0.00	26.57 -0.27 0.00	24.67 -0.27 0.00	23.42 -0.26 0.00	22.60 -0.25 0.00	22.77 -0.28 0.00	25.02 -0.36 0.00	30.86 -0.50 0.00	33.76 -0.51 0.00	35.94 -0.40 0.00	34.01 -0.41 0.00	28.28 -0.34 0.00	24.87 -0.30 0.00	23.44 -0.26 0.00
TELGRAPH_34_KV_EAST 80808	19.81 -2.01 0.00	18.83 -1.64 0.00	19.16 -1.73 0.00	19.37 -1.68 0.00	20.29 -1.69 0.00	23.47 -2.01 0.00	30.35 -2.86 0.00	30.92 -3.98 0.02	29.52 -3.28 0.00	26.02 -2.92 0.00	25.33 -3.07 0.00	24.16 -2.68 0.00	22.38 -2.57 0.00	21.48 -2.20 0.00	20.55 -2.31 0.00	20.79 -2.26 0.00	22.46 -2.92 0.00	27.35 -4.01 0.00	29.90 -4.35 0.02	32.13 -4.22 0.00	30.57 -3.86 0.00	25.44 -3.18 0.00	22.55 -2.62 0.00	21.81 -1.90 0.00
TEMPLE___115KV_TB 2 55572	21.73 -0.09 0.00	20.45 -0.02 0.00	20.78 -0.10 0.00	20.93 -0.13 0.00	21.89 -0.09 0.00	25.38 -0.10 0.00	33.04 -0.17 0.00	34.64 -0.28 0.00	32.50 -0.30 0.00	28.63 -0.32 0.00	28.11 -0.28 0.00	26.60 -0.24 0.00	24.70 -0.25 0.00	23.45 -0.24 0.00	22.60 -0.25 0.00	22.79 -0.25 0.00	25.04 -0.33 0.00	30.86 -0.50 0.00	33.79 -0.48 0.00	35.98 -0.36 0.00	34.04 -0.38 0.00	28.30 -0.31 0.00	24.87 -0.30 0.00	23.47 -0.24 0.00
TIANA____69_KV_BK 1 55817	23.76 1.94 0.00	22.06 1.60 0.00	22.18 1.30 0.00	22.21 1.16 0.00	23.21 1.23 0.00	26.88 1.40 0.00	35.60 2.39 0.00	37.75 2.83 0.00	35.75 2.95 0.00	31.23 2.29 0.00	30.66 2.24 -0.02	29.03 2.09 -0.09	26.82 1.87 0.00	25.27 1.59 0.00	24.59 1.74 0.00	25.01 1.96 0.00	27.79 2.41 0.00	34.82 3.45 0.00	39.23 3.80 -1.15	42.45 3.96 -2.14	39.07 3.65 -1.00	34.31 2.43 -3.25	29.40 2.04 -2.19	25.78 1.83 -0.25
TILDEN___115KV_TB1 80814	21.79 -0.02 0.00	20.49 0.02 0.00	20.85 -0.04 0.00	20.99 -0.06 0.00	21.96 -0.02 0.00	25.48 0.00 0.00	33.21 0.00 0.00	34.78 -0.14 0.00	32.63 -0.16 0.00	28.74 -0.20 0.00	28.22 -0.17 0.00	26.68 -0.16 0.00	24.77 -0.17 0.00	23.52 -0.17 0.00	22.67 -0.18 0.00	22.86 -0.18 0.00	25.15 -0.23 0.00	31.02 -0.35 0.00	33.96 -0.31 0.00	36.16 -0.18 0.00	34.25 -0.17 0.00	28.45 -0.17 0.00	24.99 -0.18 0.00	23.56 -0.14 0.00
TRIGEN___CC 323695	23.49 1.68 0.00	21.92 1.45 0.00	22.08 1.19 0.00	22.10 1.05 0.00	23.06 1.08 0.00	26.76 1.27 0.00	35.40 2.19 0.00	37.61 2.69 0.00	35.48 2.69 0.00	31.03 2.08 0.00	30.59 2.04 -0.15	29.46 1.96 -0.65	26.74 1.80 0.00	25.29 1.61 0.00	24.45 1.60 0.00	24.73 1.68 0.00	27.30 1.93 0.00	34.16 2.79 0.00	38.51 3.08 -1.15	41.87 3.38 -2.14	38.52 3.10 -1.00	33.95 2.06 -3.27	29.59 1.74 -2.68	27.01 1.56 -1.74
TRINITY__115KV__ 4 BK 55933	22.77 0.96 0.00	21.37 0.90 0.00	21.64 0.75 0.00	21.73 0.67 0.00	22.66 0.68 0.00	26.27 0.79 0.00	34.70 1.49 0.00	36.63 1.71 0.00	34.34 1.54 0.00	30.07 1.13 0.00	29.41 1.02 0.00	27.75 0.91 0.00	25.82 0.87 0.00	24.56 0.88 0.00	23.74 0.89 0.00	23.95 0.90 0.00	26.39 1.01 0.00	32.87 1.51 0.00	35.95 1.68 0.00	38.09 1.74 0.00	36.11 1.69 0.00	29.79 1.17 0.00	26.10 0.93 0.00	24.53 0.83 0.00
UNION___PROCESSING_DRP 323587	20.55 -1.27 0.00	19.42 -1.04 0.00	19.76 -1.13 0.00	19.96 -1.09 0.00	20.92 -1.06 0.00	24.26 -1.22 0.00	31.48 -1.73 0.00	32.66 -2.23 0.02	30.93 -1.87 0.00	27.24 -1.71 0.00	26.57 -1.82 0.00	25.23 -1.61 0.00	23.40 -1.55 0.00	22.36 -1.33 0.00	21.46 -1.39 0.00	21.69 -1.36 0.00	23.60 -1.78 0.00	28.92 -2.45 0.00	31.81 -2.43 0.02	33.91 -2.43 0.00	32.18 -2.24 0.00	26.70 -1.92 0.00	23.53 -1.64 0.00	22.45 -1.26 0.00
UPPER HUDSON___HYD 24058	22.95 1.13 0.00	21.57 1.10 0.00	21.87 0.98 0.00	21.98 0.93 0.00	22.97 0.99 0.00	26.76 1.27 0.00	35.33 2.13 0.00	37.32 2.41 0.00	35.03 2.23 0.00	30.65 1.71 0.00	29.98 1.59 0.00	28.13 1.29 0.00	26.04 1.10 0.00	24.82 1.14 0.00	23.91 1.05 0.00	24.11 1.06 0.00	26.64 1.27 0.00	33.28 1.91 0.00	36.50 2.23 0.00	38.78 2.44 0.00	36.76 2.34 0.00	30.25 1.63 0.00	26.35 1.18 0.00	24.79 1.09 0.00
UPPER RAQUET___HYD 24056	24.92 -1.14 -4.24	23.43 -1.09 -4.05	24.16 -0.88 -4.14	24.45 -0.78 -4.18	25.48 -0.81 -4.31	29.24 -1.07 -4.82	37.53 -1.59 -5.92	39.49 -1.57 -6.14	37.13 -1.54 -5.88	33.20 -1.10 -5.36	32.67 -0.99 -5.28	30.89 -0.99 -5.04	28.73 -0.97 -4.76	27.28 -0.97 -4.57	26.27 -1.03 -4.44	26.40 -1.11 -4.46	29.05 -1.14 -4.81	34.79 -1.54 -4.96	24.39 -1.64 8.24	21.52 -1.78 13.04	38.93 -1.58 -6.09	32.95 -0.97 -5.30	29.14 -0.83 -4.80	27.43 -0.85 -4.58
VALLEY44_115KV_TB2 355964	21.01 -0.81 0.00	19.77 -0.70 0.00	20.16 -0.73 0.00	20.31 -0.74 0.00	21.30 -0.68 0.00	24.67 -0.82 0.00	32.21 -1.00 0.00	31.84 -3.07 0.01	30.89 -1.90 0.00	27.12 -1.82 0.00	26.40 -1.99 0.00	25.20 -1.64 0.00	23.35 -1.60 0.00	22.31 -1.37 0.00	21.41 -1.44 0.00	21.64 -1.41 0.00	23.32 -2.06 0.00	28.51 -2.85 0.00	30.39 -3.87 0.01	33.54 -2.80 0.00	31.87 -2.55 0.00	26.50 -2.12 0.00	23.51 -1.66 0.00	22.92 -0.78 0.00
VALLEY___115KV_TB 1-4 80826	21.60 -0.22 0.00	20.22 -0.25 0.00	20.58 -0.31 0.00	20.69 -0.36 0.00	21.63 -0.35 0.00	25.10 -0.38 0.00	32.91 -0.30 0.00	34.71 -0.21 0.00	32.40 -0.39 0.00	28.45 -0.49 0.00	28.02 -0.37 0.00	26.52 -0.32 0.00	24.65 -0.30 0.00	23.40 -0.28 0.00	22.56 -0.30 0.00	22.77 -0.28 0.00	25.07 -0.30 0.00	31.12 -0.28 -0.04	34.75 -0.27 -0.76	37.18 -0.18 -1.02	34.25 -0.17 0.00	28.36 -0.26 0.00	24.89 -0.28 0.00	23.44 -0.26 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.36 1.55 0.00	21.84 1.37 0.00	22.16 1.27 0.00	22.27 1.22 0.00	23.30 1.32 0.00	27.14 1.66 0.00	35.90 2.69 0.00	38.34 3.42 0.00	35.78 2.98 0.00	31.29 2.34 0.00	30.83 2.44 0.00	29.18 2.34 0.00	27.07 2.12 0.00	25.60 1.92 0.00	24.64 1.78 0.00	24.82 1.77 0.00	27.23 1.85 0.00	33.84 2.48 0.00	37.05 2.78 0.00	39.65 3.31 0.00	37.45 3.03 0.00	30.82 2.20 0.00	26.96 1.79 0.00	25.39 1.68 0.00
VISCHER___FERRY HYD 24020	22.64 0.83 0.00	21.33 0.86 0.00	21.58 0.69 0.00	21.64 0.59 0.00	22.59 0.61 0.00	26.19 0.71 0.00	34.60 1.39 0.00	36.52 1.61 0.00	34.24 1.44 0.00	29.96 1.01 0.00	29.30 0.91 0.00	27.65 0.80 0.00	25.69 0.75 0.00	24.44 0.76 0.00	23.61 0.75 0.00	23.83 0.78 0.00	26.31 0.94 0.00	32.75 1.38 0.00	35.85 1.58 0.00	37.98 1.64 0.00	36.00 1.58 0.00	29.71 1.09 0.00	25.98 0.81 0.00	24.41 0.71 0.00
V_A_10_SYNC_DSASP 323832	20.44 -1.37 0.00	18.73 -1.74 0.00	19.05 -1.84 0.00	19.24 -1.81 0.00	20.22 -1.76 0.00	23.34 -2.14 0.00	30.15 -3.05 0.00	31.16 -3.74 0.02	29.06 -3.74 0.00	25.91 -3.04 0.00	25.35 -3.04 0.00	24.16 -2.68 0.00	22.60 -2.35 0.00	21.48 -2.20 0.00	20.75 -2.10 0.00	20.88 -2.17 0.00	22.51 -2.87 0.00	27.44 -3.92 0.00	30.21 -4.04 0.02	32.09 -4.25 0.00	30.46 -3.96 0.00	25.41 -3.20 0.00	22.53 -2.64 0.00	21.69 -2.01 0.00
V_CMM_10_SYNC_DSASP 323787	21.18 -0.63 0.00	19.87 -0.59 0.00	20.51 -0.38 0.00	20.76 -0.29 0.00	21.67 -0.31 0.00	25.07 -0.41 0.00	32.34 -0.86 0.00	33.95 -0.94 0.02	31.90 -0.88 0.01	28.45 -0.49 0.00	28.02 -0.37 0.00	26.47 -0.38 0.00	24.60 -0.35 0.00	23.33 -0.35 0.00	22.46 -0.39 0.00	22.65 -0.39 0.01	24.96 -0.41 0.01	29.92 -0.69 0.76	18.36 -0.82 15.09	14.91 -0.98 20.45	33.48 -0.93 0.01	28.16 -0.46 0.00	24.87 -0.30 0.00	23.39 -0.31 0.00
V_CMP_10_SYNC_DSASP 323788	-7.05 -1.37 27.49	-7.08 -1.29 26.25	-7.08 -1.11 26.86	-7.06 -1.01 27.10	-7.06 -1.08 27.96	-7.08 -1.30 31.26	-7.08 -1.93 38.36	-7.05 -2.03 39.94	-7.05 -1.71 38.14	-7.03 -1.24 34.73	-7.05 -1.25 34.20	-7.06 -1.23 32.66	-7.06 -1.15 30.85	-7.08 -1.14 29.63	-7.08 -1.14 28.79	-7.06 -1.15 28.95	-7.08 -1.22 31.24	-7.20 -1.76 36.81	-7.02 -1.92 39.37	-6.96 -2.14 41.16	-7.01 -1.93 39.51	-7.06 -1.32 34.36	-7.06 -1.11 31.12	-7.06 -1.09 29.67
V_D_10_SYNC_DSASP 323841	22.02 -0.52 -0.73	20.68 -0.49 -0.70	21.33 -0.27 -0.71	21.58 -0.19 -0.72	22.53 -0.20 -0.74	25.96 -0.36 -0.83	33.46 -0.76 -1.02	35.16 -0.80 -1.04	33.01 -0.79 -1.01	29.46 -0.41 -0.92	29.02 -0.28 -0.91	27.39 -0.32 -0.87	25.49 -0.27 -0.82	24.16 -0.31 -0.79	23.25 -0.37 -0.77	23.37 -0.44 -0.76	25.77 -0.43 -0.82	30.87 -0.72 -0.23	19.50 -0.82 13.95	16.13 -0.98 19.23	34.67 -0.79 -1.04	29.19 -0.34 -0.91	25.77 -0.23 -0.83	24.26 -0.24 -0.79
V_E_10_SYNC_DSASP 323830	23.65 1.83 0.00	21.96 1.49 0.00	22.35 1.46 0.00	22.50 1.45 0.00	23.63 1.65 0.00	27.57 2.09 0.00	36.46 3.26 0.00	38.52 3.60 0.00	35.78 2.98 0.00	31.09 2.14 0.00	30.32 1.93 0.00	28.56 1.72 0.00	26.44 1.50 0.00	25.01 1.33 0.00	24.04 1.19 0.00	24.22 1.17 0.00	26.67 1.29 0.00	33.25 1.88 0.00	36.88 2.60 0.00	39.76 3.42 0.00	37.62 3.20 0.00	30.99 2.37 0.00	27.06 1.89 0.00	25.53 1.83 0.00
V_F_30_NSYNC___DSASP 323816	22.90 1.09 0.00	21.55 1.08 0.00	21.85 0.96 0.00	21.94 0.88 0.00	22.90 0.92 0.00	26.63 1.15 0.00	35.13 1.93 0.00	37.05 2.13 0.00	34.73 1.93 0.00	30.42 1.48 0.00	29.75 1.36 0.00	27.99 1.15 0.00	25.97 1.02 0.00	24.72 1.04 0.00	23.86 1.00 0.00	24.04 0.99 0.00	26.57 1.19 0.00	33.12 1.76 0.00	36.26 1.99 0.00	38.49 2.14 0.00	36.49 2.07 0.00	30.08 1.46 0.00	26.28 1.11 0.00	24.75 1.04 0.00
V_F_30_SYNC_DSASP 323786	22.91 1.09 0.00	21.49 1.02 0.00	21.77 0.88 0.00	21.83 0.78 0.00	22.79 0.81 0.00	26.42 0.94 0.00	34.93 1.73 0.00	36.87 1.96 0.00	34.53 1.74 0.00	30.25 1.30 0.00	29.64 1.25 0.00	27.94 1.10 0.00	25.99 1.05 0.00	24.73 1.04 0.00	23.88 1.03 0.00	24.08 1.04 0.00	26.57 1.19 0.00	33.06 1.69 0.00	36.19 1.92 0.00	38.34 2.00 0.00	36.35 1.93 0.00	29.96 1.35 0.00	26.25 1.08 0.00	24.68 0.97 0.00
V_XM_10_SYNC_DSASP 323789	-7.05 -1.37 27.49	-7.08 -1.29 26.25	-7.08 -1.11 26.86	-7.06 -1.01 27.10	-7.06 -1.08 27.96	-7.08 -1.30 31.26	-7.08 -1.93 38.36	-7.05 -2.03 39.94	-7.05 -1.71 38.14	-7.03 -1.24 34.73	-7.05 -1.25 34.20	-7.06 -1.23 32.66	-7.06 -1.15 30.85	-7.08 -1.14 29.63	-7.08 -1.14 28.79	-7.06 -1.15 28.95	-7.08 -1.22 31.24	-7.20 -1.76 36.81	-7.02 -1.92 39.37	-6.96 -2.14 41.16	-7.01 -1.93 39.51	-7.06 -1.32 34.36	-7.06 -1.11 31.12	-7.06 -1.09 29.67
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.15 1.33 0.00	21.65 1.19 0.00	21.85 0.96 0.00	21.89 0.84 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.10 1.89 0.00	37.22 2.30 0.00	35.06 2.26 0.00	30.57 1.62 0.00	29.92 1.53 0.00	28.37 1.53 0.00	26.37 1.42 0.00	24.99 1.30 0.00	24.16 1.30 0.00	24.38 1.34 0.00	26.85 1.47 0.00	33.59 2.23 0.00	36.74 2.47 0.00	39.10 2.76 0.00	36.93 2.51 0.00	30.19 1.57 0.00	26.45 1.28 0.00	24.87 1.16 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.23 1.42 0.00	21.72 1.25 0.00	21.87 0.98 0.00	21.91 0.86 0.00	22.79 0.81 0.00	26.48 0.99 0.00	35.16 1.96 0.00	37.29 2.37 0.00	35.19 2.39 0.00	30.74 1.79 0.00	30.12 1.73 0.00	28.59 1.74 0.00	26.57 1.62 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.55 1.50 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.29 2.94 0.00	37.04 2.62 0.00	30.25 1.63 0.00	26.58 1.41 0.00	24.98 1.28 0.00
W50THST__13_KV_LOAD 356117	23.32 1.51 0.00	21.80 1.33 0.00	21.93 1.04 0.00	21.98 0.93 0.00	22.86 0.88 0.00	26.55 1.07 0.00	35.30 2.09 0.00	37.43 2.51 0.00	35.35 2.56 0.00	30.86 1.91 0.00	30.24 1.85 0.00	28.69 1.85 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.00 2.63 0.00	37.12 2.84 0.00	39.43 3.09 0.00	37.17 2.75 0.00	30.34 1.72 0.00	26.66 1.49 0.00	25.08 1.37 0.00
WADING RIVER_IC_1 23522	23.25 1.44 0.00	21.82 1.35 0.00	21.98 1.09 0.00	22.00 0.95 0.00	22.95 0.97 0.00	26.58 1.09 0.00	35.16 1.96 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.09	26.47 1.52 0.00	25.06 1.37 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.79 3.36 -1.16	42.06 3.56 -2.15	38.70 3.27 -1.01	34.00 2.12 -3.26	29.16 1.79 -2.20	25.54 1.59 -0.25
WADING RIVER_IC_2 23547	23.25 1.44 0.00	21.82 1.35 0.00	21.98 1.09 0.00	22.00 0.95 0.00	22.95 0.97 0.00	26.58 1.09 0.00	35.16 1.96 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.09	26.47 1.52 0.00	25.06 1.37 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.79 3.36 -1.16	42.06 3.56 -2.15	38.70 3.27 -1.01	34.00 2.12 -3.26	29.16 1.79 -2.20	25.54 1.59 -0.25

WADING RIVER_IC_3 23601	23.25 1.44 0.00	21.82 1.35 0.00	21.98 1.09 0.00	22.00 0.95 0.00	22.95 0.97 0.00	26.58 1.09 0.00	35.16 1.96 0.00	37.26 2.34 0.00	35.35 2.56 0.00	30.80 1.85 0.00	30.24 1.82 -0.03	28.60 1.66 -0.09	26.47 1.52 0.00	25.06 1.37 0.00	24.41 1.55 0.00	24.71 1.66 0.00	27.64 2.26 -0.01	34.60 3.23 0.00	38.79 3.36 -1.16	42.06 3.56 -2.15	38.70 3.27 -1.01	34.00 2.12 -3.26	29.16 1.79 -2.20	25.54 1.59 -0.25
WALDENNY_I2_KV_BK2 80841	20.03 -1.79 0.00	18.97 -1.49 0.00	19.30 -1.59 0.00	19.51 -1.54 0.00	20.44 -1.54 0.00	23.65 -1.83 0.00	30.62 -2.59 0.00	30.89 -4.02 0.02	29.71 -3.08 0.00	26.20 -2.75 0.00	25.52 -2.87 0.00	24.40 -2.44 0.00	22.55 -2.39 0.00	21.65 -2.04 0.00	20.71 -2.15 0.00	20.97 -2.07 0.00	22.58 -2.79 0.00	27.48 -3.89 0.00	29.73 -4.52 0.02	32.16 -4.18 0.00	30.60 -3.82 0.00	25.56 -3.06 0.00	22.73 -2.44 0.00	22.09 -1.61 0.00
WALDEN___HYDRO 24148	23.08 1.27 0.00	21.59 1.13 0.00	21.81 0.92 0.00	21.87 0.82 0.00	22.77 0.79 0.00	26.48 0.99 0.00	35.00 1.79 0.00	37.08 2.16 0.00	34.80 2.00 0.00	30.31 1.36 0.00	29.67 1.28 0.00	28.13 1.29 0.00	26.09 1.15 0.00	24.73 1.04 0.00	23.90 1.05 0.00	24.13 1.08 0.00	26.64 1.27 0.00	33.34 1.98 0.00	36.57 2.30 0.00	38.96 2.62 0.00	36.86 2.44 0.00	30.14 1.52 0.00	26.38 1.21 0.00	24.79 1.09 0.00
WARRENSBURG____ 23737	22.95 1.13 0.00	21.57 1.10 0.00	21.87 0.98 0.00	21.98 0.93 0.00	22.97 0.99 0.00	26.76 1.27 0.00	35.33 2.13 0.00	37.32 2.41 0.00	35.03 2.23 0.00	30.65 1.71 0.00	29.98 1.59 0.00	28.13 1.29 0.00	26.04 1.10 0.00	24.82 1.14 0.00	23.91 1.05 0.00	24.11 1.06 0.00	26.64 1.27 0.00	33.28 1.91 0.00	36.50 2.23 0.00	38.78 2.44 0.00	36.76 2.34 0.00	30.25 1.63 0.00	26.35 1.18 0.00	24.79 1.09 0.00
WATERSIDE___6 8 9 23538	23.35 1.53 -0.01	21.83 1.35 -0.01	21.98 1.09 -0.01	22.03 0.97 -0.01	22.88 0.90 0.00	26.48 0.99 0.00	35.10 1.89 0.00	37.26 2.34 0.00	35.19 2.39 0.00	30.71 1.77 0.00	30.10 1.70 0.00	28.59 1.74 0.00	26.59 1.65 0.00	25.20 1.52 0.00	24.34 1.49 0.00	24.57 1.52 0.00	27.05 1.67 0.00	33.88 2.51 0.00	36.98 2.71 0.00	39.32 2.98 0.00	37.07 2.65 0.00	30.25 1.63 0.00	26.63 1.46 0.00	25.10 1.40 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.86 0.04 0.00	20.49 0.02 0.00	20.83 -0.06 0.00	20.97 -0.08 0.00	21.89 -0.09 0.00	25.41 -0.08 0.00	33.27 0.07 0.00	35.09 0.17 0.00	32.80 0.00 0.00	28.83 -0.12 0.00	28.33 -0.06 0.00	26.81 -0.03 0.00	24.92 -0.02 0.00	23.66 -0.02 0.00	22.81 -0.05 0.00	23.02 -0.02 0.00	25.38 0.00 0.00	31.50 0.09 -0.04	35.16 0.14 -0.76	37.58 0.22 -1.02	34.63 0.21 0.00	28.68 0.06 0.00	25.17 0.00 0.00	23.68 -0.02 0.00
WATSON___69_KV_BK 1 55734	23.87 2.05 0.00	22.21 1.74 0.00	22.35 1.46 0.00	22.38 1.33 0.00	23.36 1.38 0.00	27.11 1.63 0.00	35.83 2.62 0.00	38.06 3.14 0.00	35.98 3.18 0.00	31.46 2.52 0.00	30.92 2.50 -0.03	29.28 2.31 -0.13	27.04 2.10 0.00	25.53 1.85 0.00	24.73 1.87 0.00	25.10 2.05 0.00	27.81 2.44 0.00	34.82 3.45 0.00	39.29 3.87 -1.15	42.66 4.18 -2.14	39.28 3.86 -1.00	34.51 2.63 -3.26	29.63 2.24 -2.22	26.06 2.01 -0.34
WDELAWARE___HYD 323627	23.10 1.29 0.00	21.70 1.23 0.00	21.91 1.02 0.00	21.98 0.93 0.00	22.88 0.90 0.00	26.63 1.15 0.00	35.23 2.03 0.00	37.32 2.41 0.00	34.93 2.13 0.00	30.36 1.42 0.00	29.87 1.48 0.00	28.26 1.42 0.00	26.19 1.25 0.00	24.82 1.14 0.00	23.95 1.10 0.00	24.20 1.15 0.00	26.74 1.37 0.00	33.50 2.13 0.00	36.67 2.40 0.00	39.25 2.91 0.00	37.11 2.69 0.00	30.28 1.66 0.00	26.53 1.36 0.00	24.96 1.26 0.00
WEST BABYLON___IC 23714	23.82 2.01 0.00	22.19 1.72 0.00	22.33 1.44 0.00	22.36 1.31 0.00	23.34 1.36 0.00	27.06 1.58 0.00	35.80 2.59 0.00	38.02 3.11 0.00	35.91 3.12 0.00	31.43 2.49 0.00	30.88 2.44 -0.05	29.32 2.28 -0.20	27.02 2.07 0.00	25.51 1.82 0.00	24.70 1.85 0.00	25.03 1.98 0.00	27.71 2.33 0.00	34.66 3.29 0.00	39.12 3.70 -1.15	42.52 4.03 -2.14	39.18 3.75 -1.00	34.43 2.55 -3.26	29.62 2.16 -2.29	26.21 1.97 -0.54
WEST CANADA___HYD 24049	21.99 0.17 0.00	20.63 0.16 0.00	20.99 0.10 0.00	21.14 0.08 0.00	22.07 0.09 0.00	25.58 0.10 0.00	33.47 0.26 0.00	35.27 0.35 0.00	33.09 0.29 0.00	29.12 0.17 0.00	28.53 0.14 0.00	26.98 0.13 0.00	25.07 0.13 0.00	23.80 0.12 0.00	22.99 0.14 0.00	23.19 0.14 0.00	25.53 0.15 0.00	31.69 0.28 -0.04	35.33 0.31 -0.76	37.73 0.36 -1.02	34.77 0.34 0.00	28.82 0.20 0.00	25.30 0.13 0.00	23.82 0.12 0.00
WESTERN_NY_WIND 24143	20.13 -1.68 0.00	19.12 -1.35 0.00	19.45 -1.44 0.00	19.66 -1.39 0.00	20.62 -1.36 0.00	23.90 -1.58 0.00	30.95 -2.26 0.00	31.65 -3.25 0.02	30.14 -2.66 0.00	26.48 -2.46 0.00	25.81 -2.58 0.00	24.56 -2.28 0.00	22.72 -2.22 0.00	21.79 -1.89 0.00	20.87 -1.99 0.00	21.09 -1.96 0.00	22.84 -2.54 0.00	27.89 -3.48 0.00	30.62 -3.63 0.02	32.93 -3.42 0.00	31.29 -3.13 0.00	26.02 -2.60 0.00	22.98 -2.19 0.00	22.16 -1.54 0.00
WESTOVER___LESR 323668	22.10 0.28 0.00	20.73 0.27 0.00	21.08 0.19 0.00	21.20 0.15 0.00	22.20 0.22 0.00	25.76 0.28 0.00	33.77 0.56 0.00	35.52 0.59 -0.01	33.39 0.59 0.00	29.29 0.35 0.00	28.68 0.28 0.00	27.11 0.27 0.00	25.17 0.22 0.00	23.90 0.21 0.00	23.06 0.21 0.00	23.25 0.21 0.00	25.53 0.15 0.00	31.59 0.22 0.00	34.59 0.31 -0.01	36.96 0.62 0.00	34.97 0.55 0.00	28.96 0.34 0.00	25.45 0.28 0.00	24.06 0.36 0.00
WETHRSFD_WT_PWR 323626	20.35 -1.46 0.00	18.59 -1.88 0.00	18.95 -1.94 0.00	19.12 -1.94 0.00	20.09 -1.89 0.00	23.14 -2.34 0.00	29.99 -3.22 0.00	30.36 -4.54 0.02	28.63 -4.17 0.00	25.56 -3.39 0.00	24.98 -3.41 0.00	23.86 -2.98 0.00	22.00 -2.94 0.00	20.94 -2.75 0.00	20.20 -2.65 0.00	20.35 -2.70 0.00	21.87 -3.50 0.00	26.72 -4.64 0.00	29.08 -5.18 0.02	31.33 -5.02 0.00	29.91 -4.51 0.00	25.07 -3.55 0.00	22.33 -2.84 0.00	21.74 -1.97 0.00
WHAVSTOR_138KV_BK127 55557	23.08 1.27 0.00	21.57 1.11 0.00	21.77 0.88 0.00	21.81 0.76 0.00	22.71 0.73 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.89 2.10 0.00	30.45 1.51 0.00	29.84 1.45 0.00	28.26 1.42 0.00	26.29 1.35 0.00	24.92 1.23 0.00	24.09 1.23 0.00	24.29 1.24 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.92 2.58 0.00	36.80 2.38 0.00	30.08 1.46 0.00	26.38 1.21 0.00	24.79 1.09 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.08 1.27 0.00	21.57 1.11 0.00	21.77 0.88 0.00	21.81 0.76 0.00	22.71 0.73 0.00	26.37 0.89 0.00	34.97 1.76 0.00	37.08 2.16 0.00	34.89 2.10 0.00	30.45 1.51 0.00	29.84 1.45 0.00	28.26 1.42 0.00	26.29 1.35 0.00	24.92 1.23 0.00	24.09 1.23 0.00	24.29 1.24 0.00	26.77 1.40 0.00	33.47 2.10 0.00	36.60 2.33 0.00	38.92 2.58 0.00	36.80 2.38 0.00	30.08 1.46 0.00	26.38 1.21 0.00	24.79 1.09 0.00

WHITEHAL_115KV_TB1 80871	23.41 1.59 0.00	21.96 1.49 0.00	22.27 1.38 0.00	22.38 1.33 0.00	23.39 1.41 0.00	27.29 1.81 0.00	36.09 2.89 0.00	38.20 3.28 0.00	35.88 3.08 0.00	31.38 2.43 0.00	30.61 2.21 0.00	28.64 1.80 0.00	26.52 1.57 0.00	25.22 1.54 0.00	24.29 1.44 0.00	24.50 1.45 0.00	27.15 1.78 0.00	33.94 2.57 0.00	37.29 3.02 0.00	39.65 3.31 0.00	37.59 3.17 0.00	30.88 2.26 0.00	26.81 1.64 0.00	25.24 1.54 0.00
WHITEPLN_13_KV_LOAD 356215	23.39 1.57 0.00	21.86 1.39 0.00	22.04 1.15 0.00	22.08 1.03 0.00	22.97 0.99 0.00	26.68 1.20 0.00	35.50 2.29 0.00	37.75 2.83 0.00	35.29 2.49 0.00	30.77 1.82 0.00	30.27 1.87 0.00	28.69 1.85 0.00	26.67 1.72 0.00	25.27 1.59 0.00	24.41 1.55 0.00	24.64 1.59 0.00	27.18 1.80 0.00	34.03 2.67 0.00	37.22 2.95 0.00	39.61 3.27 0.00	37.42 2.99 0.00	30.54 1.92 0.00	26.71 1.54 0.00	25.13 1.42 0.00
WM_FLOYD_69_KV_BK2 356380	23.65 1.83 0.00	21.98 1.51 0.00	22.10 1.21 0.00	22.13 1.07 0.00	23.10 1.12 0.00	26.76 1.27 0.00	35.43 2.22 0.00	37.57 2.65 0.00	35.48 2.69 0.00	31.00 2.06 0.00	30.49 2.07 -0.02	28.90 1.96 -0.10	26.69 1.75 0.00	25.20 1.52 0.00	24.50 1.65 0.00	24.89 1.84 0.00	27.63 2.26 0.00	34.63 3.26 0.00	38.99 3.56 -1.15	42.23 3.74 -2.14	38.87 3.44 -1.00	34.16 2.29 -3.25	29.30 1.94 -2.19	25.69 1.73 -0.25
WOODARD__115KV_TB2 355635	21.68 -0.13 0.00	20.39 -0.08 0.00	20.72 -0.17 0.00	20.88 -0.17 0.00	21.85 -0.13 0.00	25.33 -0.15 0.00	32.97 -0.23 0.00	34.57 -0.35 0.00	32.43 -0.36 0.00	28.57 -0.38 0.00	28.05 -0.34 0.00	26.52 -0.32 0.00	24.62 -0.32 0.00	23.40 -0.28 0.00	22.56 -0.30 0.00	22.75 -0.30 0.00	24.99 -0.38 0.00	30.83 -0.53 0.00	33.76 -0.51 0.00	35.91 -0.44 0.00	34.01 -0.41 0.00	28.25 -0.37 0.00	24.82 -0.35 0.00	23.40 -0.31 0.00
YORK__WARBASSE 23770	23.50 1.68 -0.01	21.95 1.47 -0.01	22.11 1.21 -0.01	22.15 1.09 -0.01	23.01 1.03 0.00	26.58 1.10 0.00	35.13 1.93 0.00	37.33 2.41 0.00	35.25 2.46 0.00	30.80 1.85 0.00	30.18 1.79 0.00	28.67 1.83 0.00	26.69 1.75 0.00	25.29 1.61 0.00	24.43 1.58 0.00	24.64 1.59 0.00	27.15 1.78 0.00	34.03 2.67 0.00	37.15 2.88 0.00	39.50 3.16 0.00	37.24 2.82 0.00	30.39 1.77 0.00	26.83 1.66 0.00	25.28 1.56 -0.01