

# Day Ahead Market Generator LBMP

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

05/25/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	25.73	23.02	20.59	20.10	21.88	22.60	24.11	23.17	22.27	20.49	20.98	20.22	20.39	19.40	20.15	21.33	23.10	27.55	34.51	40.95	43.30	37.93	31.36	26.29
24138	1.27	1.30	1.17	1.17	1.12	1.14	1.19	1.12	1.20	1.18	1.23	1.18	1.24	1.22	1.27	1.34	1.35	1.46	1.67	1.88	1.98	1.70	1.32	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	25.68	23.00	20.55	20.06	21.86	22.56	24.09	23.13	22.23	20.47	20.96	20.19	20.35	19.39	20.14	21.29	23.05	27.52	34.44	40.87	43.21	37.85	31.30	26.24
24260	1.22	1.28	1.13	1.14	1.10	1.09	1.17	1.08	1.16	1.16	1.21	1.14	1.21	1.20	1.25	1.30	1.30	1.43	1.61	1.80	1.90	1.63	1.26	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	25.68	23.00	20.55	20.06	21.86	22.56	24.09	23.13	22.23	20.47	20.96	20.19	20.35	19.39	20.14	21.29	23.05	27.52	34.44	40.87	43.21	37.85	31.30	26.24
24261	1.22	1.28	1.13	1.14	1.10	1.09	1.17	1.08	1.16	1.16	1.21	1.14	1.21	1.20	1.25	1.30	1.30	1.43	1.61	1.80	1.90	1.63	1.26	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	25.36	22.54	20.18	19.70	21.51	22.32	23.68	22.67	21.56	19.72	20.19	19.44	19.55	18.57	19.29	20.51	22.38	26.90	33.98	40.44	42.80	37.45	31.06	25.96
24011	0.90	0.83	0.76	0.78	0.75	0.86	0.76	0.62	0.48	0.41	0.43	0.40	0.40	0.38	0.40	0.52	0.63	0.81	1.15	1.37	1.49	1.23	1.02	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	25.44	22.61	20.26	19.76	21.57	22.40	23.75	22.73	21.62	19.75	20.23	19.48	19.59	18.60	19.32	20.55	22.44	26.98	34.11	40.60	43.01	37.60	31.21	26.09
23798	0.98	0.89	0.83	0.83	0.81	0.94	0.82	0.68	0.55	0.44	0.47	0.44	0.44	0.42	0.43	0.56	0.70	0.89	1.28	1.52	1.69	1.38	1.17	0.88
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	25.36	22.54	20.18	19.70	21.51	22.32	23.68	22.67	21.56	19.72</														

ALBANY___2 23572	24.48 0.02 0.00	21.80 0.09 0.00	19.50 0.08 0.00	19.02 0.09 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.01 -0.04 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
ALBANY___3 23573	24.48 0.02 0.00	21.80 0.09 0.00	19.50 0.08 0.00	19.02 0.09 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.01 -0.04 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
ALBANY___4 23574	24.48 0.02 0.00	21.80 0.09 0.00	19.50 0.08 0.00	19.02 0.09 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.01 -0.04 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
ALBANY___LFGE 323615	24.65 0.19 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.97 0.21 0.00	21.70 0.24 0.00	23.15 0.23 0.00	22.18 0.13 0.00	21.13 0.06 0.00	19.39 0.08 0.00	19.88 0.12 0.00	19.16 0.11 0.00	19.28 0.13 0.00	18.33 0.14 0.00	19.04 0.15 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.15 0.08 0.00	41.35 0.04 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.26 0.05 0.00
ALCOA_PA_115KV_PL-6C 55860	24.75 0.29 0.00	21.82 0.11 0.00	19.50 0.08 0.00	18.94 0.02 0.00	21.03 0.27 0.00	21.72 0.26 0.00	23.20 0.28 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.11 0.00	18.28 0.09 0.00	18.98 0.09 0.00	19.91 -0.08 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.63 0.00	42.02 0.70 0.00	36.84 0.62 0.00	30.55 0.51 0.00	25.58 0.38 0.00
ALCOA_RYNLDS___DRP 24188	24.75 0.29 0.00	21.82 0.11 0.00	19.50 0.08 0.00	18.94 0.02 0.00	21.03 0.27 0.00	21.72 0.26 0.00	23.20 0.28 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.11 0.00	18.28 0.09 0.00	18.98 0.09 0.00	19.91 -0.08 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.63 0.00	42.02 0.70 0.00	36.84 0.62 0.00	30.55 0.51 0.00	25.58 0.38 0.00
ALCOA___DSASP 323711	24.75 0.29 0.00	21.82 0.11 0.00	19.50 0.08 0.00	18.94 0.02 0.00	21.03 0.27 0.00	21.72 0.26 0.00	23.20 0.28 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.12 0.00	18.28 0.09 0.00	18.98 0.09 0.00	19.91 -0.08 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.62 0.00	42.01 0.70 0.00	36.84 0.62 0.00	30.55 0.51 0.00	25.58 0.38 0.00
ALLEGHENY___COGEN 23514	23.90 -0.56 0.00	20.87 -0.85 0.00	18.78 -0.64 0.00	18.37 -0.55 0.00	19.95 -0.81 0.00	20.60 -0.86 0.00	22.00 -0.92 0.00	21.43 -0.62 0.00	20.35 -0.72 0.00	18.36 -0.95 0.00	18.59 -1.17 0.00	17.90 -1.14 0.00	17.83 -1.32 0.00	16.88 -1.31 0.00	17.64 -1.25 0.00	18.69 -1.30 0.00	20.38 -1.37 0.00	24.71 -1.38 0.00	31.75 -1.08 0.00	38.68 -0.39 0.00	41.11 -0.21 0.00	36.30 0.07 0.00	29.89 -0.15 0.00	25.31 0.10 0.00
ALTAMONT_115KV_TB 2 55880	24.75 0.29 0.00	22.02 0.30 0.00	19.71 0.29 0.00	19.23 0.30 0.00	21.03 0.27 0.00	21.74 0.28 0.00	23.22 0.30 0.00	22.25 0.20 0.00	21.22 0.15 0.00	19.46 0.15 0.00	19.96 0.20 0.00	19.23 0.19 0.00	19.34 0.19 0.00	18.39 0.20 0.00	19.10 0.21 0.00	20.23 0.24 0.00	22.01 0.26 0.00	26.38 0.29 0.00	33.16 0.33 0.00	39.39 0.31 0.00	41.60 0.29 0.00	36.48 0.25 0.00	30.28 0.24 0.00	25.38 0.18 0.00
ALTONA_WT_PWR 323606	24.83 0.37 0.00	21.95 0.24 0.00	19.60 0.17 0.00	19.06 0.13 0.00	21.05 0.29 0.00	21.76 0.30 0.00	23.24 0.32 0.00	22.42 0.37 0.00	21.45 0.38 0.00	19.64 0.33 0.00	20.01 0.26 0.00	19.23 0.19 0.00	19.32 0.17 0.00	18.33 0.14 0.00	19.06 0.17 0.00	20.09 0.10 0.00	22.01 0.26 0.00	26.48 0.39 0.00	33.49 0.66 0.00	39.97 0.90 0.00	42.26 0.95 0.00	37.06 0.83 0.00	30.70 0.66 0.00	25.68 0.48 0.00
AMERICAN_REF_FUEL 24010	22.01 -2.45 0.00	19.20 -2.52 0.00	17.34 -2.08 0.00	16.99 -1.93 0.00	18.33 -2.43 0.00	18.91 -2.55 0.00	20.06 -2.87 0.00	19.78 -2.27 0.00	18.98 -2.09 0.00	17.24 -2.07 0.00	17.55 -2.21 0.00	17.02 -2.02 0.00	16.95 -2.20 0.00	16.06 -2.13 0.00	16.73 -2.15 0.00	17.69 -2.30 0.00	19.12 -2.63 0.00	22.88 -3.21 0.00	29.09 -3.74 0.00	34.89 -4.18 0.00	36.89 -4.42 0.00	32.46 -3.77 0.00	27.10 -2.94 0.00	23.37 -1.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.87 -1.59 0.00	20.02 -1.69 0.00	18.10 -1.32 0.00	17.73 -1.19 0.00	19.12 -1.64 0.00	19.74 -1.72 0.00	20.95 -1.97 0.00	20.66 -1.39 0.00	19.85 -1.22 0.00	18.06 -1.25 0.00	18.30 -1.46 0.00	17.71 -1.33 0.00	17.58 -1.57 0.00	16.64 -1.55 0.00	17.32 -1.57 0.00	18.27 -1.72 0.00	19.75 -2.00 0.00	23.69 -2.40 0.00	30.20 -2.63 0.00	36.49 -2.58 0.00	38.79 -2.52 0.00	34.12 -2.10 0.00	28.45 -1.59 0.00	24.50 -0.71 0.00
ARTHUR KILL_GT_1 23520	25.86 1.39 -0.01	23.13 1.41 0.00	20.68 1.26 0.00	20.25 1.32 0.00	21.94 1.18 0.00	22.60 1.14 0.00	24.14 1.21 0.00	23.17 1.12 0.00	22.27 1.20 0.00	20.55 1.24 0.00	21.04 1.28 0.00	20.28 1.24 0.00	20.45 1.30 0.00	19.44 1.25 0.00	20.19 1.30 0.00	21.33 1.34 0.00	23.12 1.37 0.00	27.60 1.51 0.00	34.51 1.67 0.00	40.99 1.91 0.00	42.76 1.45 0.00	37.85 1.63 0.00	31.33 1.29 0.00	26.31 1.11 0.00
ARTHUR_KILL_2 23512	25.76 1.30 -0.01	23.08 1.37 0.00	20.65 1.22 0.00	20.19 1.27 0.00	21.90 1.14 0.00	22.53 1.07 0.00	24.09 1.17 0.00	23.17 1.12 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.40 1.22 0.00	20.15 1.27 0.00	21.29 1.30 0.00	23.05 1.30 0.00	27.55 1.46 0.00	34.44 1.61 0.00	40.87 1.80 0.00	42.63 1.32 0.00	37.78 1.56 0.00	31.24 1.20 0.00	26.24 1.03 0.00
ARTHUR_KILL_3 23513	25.41 0.95 0.00	22.78 1.06 0.00	20.37 0.95 0.00	19.89 0.96 0.00	21.65 0.89 0.00	22.36 0.90 0.00	23.86 0.94 0.00	22.98 0.93 0.00	22.06 0.99 0.00	20.31 1.00 0.00	20.81 1.05 0.00	20.05 1.01 0.00	20.20 1.05 0.00	19.24 1.05 0.00	19.98 1.10 0.00	21.13 1.14 0.00	22.88 1.13 0.00	27.24 1.15 0.00	34.08 1.25 0.00	40.44 1.37 0.00	42.75 1.45 0.01	37.46 1.23 0.00	31.00 0.96 0.00	25.99 0.78 0.00

ARTHUR_KILL_COGEN 323718	25.81 1.34 -0.01	23.13 1.41 0.00	20.68 1.26 0.00	20.25 1.32 0.00	21.94 1.18 0.00	22.58 1.12 0.00	24.16 1.24 0.00	23.22 1.17 0.00	22.27 1.20 0.00	20.55 1.24 0.00	21.04 1.28 0.00	20.28 1.24 0.00	20.45 1.30 0.00	19.44 1.25 0.00	20.19 1.30 0.00	21.33 1.34 0.00	23.12 1.37 0.00	27.60 1.51 0.00	34.50 1.67 0.00	40.99 1.91 0.00	42.76 1.45 0.00	37.85 1.63 0.00	31.33 1.29 0.00	26.31 1.11 0.00
ASHOKAN____ 23654	25.83 1.37 0.00	23.04 1.32 0.00	20.51 1.09 0.00	20.04 1.12 0.00	21.94 1.18 0.00	22.66 1.20 0.00	24.11 1.19 0.00	23.02 0.97 0.00	21.89 0.82 0.00	19.95 0.64 0.00	20.43 0.67 0.00	19.63 0.59 0.00	19.74 0.59 0.00	18.77 0.58 0.00	19.51 0.62 0.00	20.69 0.70 0.00	22.47 0.72 0.00	27.13 1.04 0.00	34.18 1.35 0.00	40.68 1.60 0.00	43.46 2.15 0.00	37.96 1.74 0.00	31.42 1.38 0.00	26.49 1.28 0.00
ASTORIA_EAST_ENERGY_CC1 323581	25.28 0.83 0.01	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.40 0.94 0.01	23.97 1.06 0.01	23.10 1.06 0.01	22.19 1.12 -0.01	20.46 1.14 -0.01	20.97 1.21 -0.01	20.21 1.16 -0.01	20.38 1.23 -0.01	19.41 1.22 -0.01	20.16 1.27 -0.01	21.30 1.24 -0.07	22.99 1.22 -0.02	27.44 1.20 -0.15	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	31.11 0.93 -0.14	25.97 0.70 -0.06
ASTORIA_EAST_ENERGY_CC2 323582	25.28 0.83 0.01	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.42 0.97 0.01	23.97 1.06 0.01	23.10 1.06 0.01	22.19 1.12 -0.01	20.48 1.16 -0.01	20.97 1.21 -0.01	20.21 1.16 -0.01	20.38 1.23 -0.01	19.41 1.22 -0.01	20.16 1.27 -0.01	21.30 1.24 -0.07	22.99 1.22 -0.02	27.44 1.20 -0.15	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	31.11 0.93 -0.14	25.97 0.70 -0.06
ASTORIA_GT2_1 24094	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT2_2 24095	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT2_3 24096	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT2_4 24097	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT3_1 24098	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT3_2 24099	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT3_3 24100	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT3_4 24101	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT4_1 24102	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT4_2 24103	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT4_3 24104	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06

ASTORIA_GT4_4 24105	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	23.04 0.99 0.00	22.20 1.12 -0.02	20.48 1.16 -0.02	20.98 1.21 -0.02	20.22 1.16 -0.02	20.39 1.23 -0.02	19.42 1.22 -0.02	20.17 1.27 -0.02	21.31 1.24 -0.07	23.02 1.24 -0.03	27.47 1.23 -0.16	34.08 1.25 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	31.15 0.96 -0.15	26.00 0.73 -0.06
ASTORIA_GT_1 23523	25.53 1.08 0.00	22.95 1.24 0.00	20.55 1.13 0.00	20.10 1.17 0.00	21.80 1.04 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.09 1.04 0.00	22.25 1.16 -0.02	20.50 1.18 -0.02	21.00 1.23 -0.02	20.26 1.20 -0.02	20.43 1.26 -0.02	19.44 1.24 -0.02	20.19 1.28 -0.02	21.35 1.28 -0.07	23.04 1.26 -0.03	27.50 1.25 -0.16	34.14 1.31 0.00	40.48 1.41 0.00	42.63 1.32 0.00	37.42 1.20 0.00	31.18 0.99 -0.15	26.02 0.76 -0.06
ASTORIA_GT_10 24110	25.58 1.13 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.68 1.36 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
ASTORIA_GT_11 24225	25.58 1.13 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.68 1.36 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
ASTORIA_GT_12 24226	25.58 1.13 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.68 1.36 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
ASTORIA_GT_13 24227	25.58 1.13 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.68 1.36 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
ASTORIA_GT_5 24106	25.53 1.08 0.00	22.95 1.24 0.00	20.55 1.13 0.00	20.10 1.17 0.00	21.80 1.04 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.09 1.04 0.00	22.25 1.16 -0.02	20.50 1.18 -0.02	21.00 1.23 -0.02	20.26 1.20 -0.02	20.43 1.26 -0.02	19.44 1.24 -0.02	20.19 1.28 -0.02	21.35 1.28 -0.07	23.04 1.26 -0.03	27.50 1.25 -0.16	34.14 1.31 0.00	40.48 1.41 0.00	42.63 1.32 0.00	37.42 1.20 0.00	31.18 0.99 -0.15	26.02 0.76 -0.06
ASTORIA_GT_7 24107	25.53 1.08 0.00	22.95 1.24 0.00	20.55 1.13 0.00	20.10 1.17 0.00	21.80 1.04 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.09 1.04 0.00	22.25 1.16 -0.02	20.50 1.18 -0.02	21.00 1.23 -0.02	20.26 1.20 -0.02	20.43 1.26 -0.02	19.44 1.24 -0.02	20.19 1.28 -0.02	21.35 1.28 -0.07	23.04 1.26 -0.03	27.50 1.25 -0.16	34.14 1.31 0.00	40.48 1.41 0.00	42.63 1.32 0.00	37.42 1.20 0.00	31.18 0.99 -0.15	26.02 0.76 -0.06
ASTORIA_GT_8 24108	25.53 1.08 0.00	22.95 1.24 0.00	20.55 1.13 0.00	20.10 1.17 0.00	21.80 1.04 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.09 1.04 0.00	22.25 1.16 -0.02	20.50 1.18 -0.02	21.00 1.23 -0.02	20.26 1.20 -0.02	20.43 1.26 -0.02	19.44 1.24 -0.02	20.19 1.28 -0.02	21.35 1.28 -0.07	23.04 1.26 -0.03	27.50 1.25 -0.16	34.14 1.31 0.00	40.48 1.41 0.00	42.63 1.32 0.00	37.42 1.20 0.00	31.18 0.99 -0.15	26.02 0.76 -0.06
ASTORIA___2 24149	25.28 0.83 0.01	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.75 1.00 0.00	22.42 0.97 0.01	23.97 1.06 0.01	23.10 1.06 0.01	22.19 1.12 -0.01	20.48 1.16 -0.01	20.97 1.21 -0.01	20.21 1.16 -0.01	20.38 1.23 -0.01	19.41 1.22 -0.01	20.16 1.27 -0.01	21.30 1.24 -0.07	23.01 1.24 -0.02	27.47 1.23 -0.15	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	31.11 0.93 -0.14	25.99 0.73 -0.06
ASTORIA___3 23516	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.43 0.97 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.52 1.45 0.00	42.67 1.36 0.00	37.46 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
ASTORIA___4 23517	25.58 1.13 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.68 1.36 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
ASTORIA___5 23518	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.43 0.97 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.52 1.45 0.00	42.67 1.36 0.00	37.46 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
AST_ENERGY_2_CC3 323677	25.53 1.07 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.77 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.14 1.07 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.34 1.25 0.00	28.28 1.38 5.93	34.67 1.52 5.92	37.05 1.61 5.87	31.92 1.38 5.68	28.28 1.08 2.84	26.09 0.88 0.00
AST_ENERGY_2_CC4 323678	25.53 1.07 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.77 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.14 1.07 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.34 1.25 0.00	28.28 1.38 5.93	34.67 1.52 5.92	37.05 1.61 5.87	31.92 1.38 5.68	28.28 1.08 2.84	26.09 0.88 0.00

ATHENS_STG_1 23668	24.90 0.44 0.00	22.19 0.48 0.00	19.85 0.43 0.00	19.38 0.45 0.00	21.19 0.44 0.00	21.89 0.43 0.00	23.38 0.46 0.00	22.42 0.37 0.00	21.41 0.34 0.00	19.66 0.35 0.00	20.13 0.37 0.00	19.40 0.36 0.00	19.55 0.40 0.00	18.58 0.40 0.00	19.30 0.42 0.00	20.43 0.44 0.00	22.21 0.46 0.00	26.58 0.49 0.00	33.35 0.52 0.00	39.62 0.55 0.00	41.89 0.58 0.00	36.69 0.47 0.00	30.43 0.39 0.00	25.53 0.33 0.00
ATHENS_STG_2 23670	24.90 0.44 0.00	22.19 0.48 0.00	19.85 0.43 0.00	19.38 0.45 0.00	21.19 0.44 0.00	21.89 0.43 0.00	23.38 0.46 0.00	22.42 0.37 0.00	21.41 0.34 0.00	19.66 0.35 0.00	20.13 0.37 0.00	19.40 0.36 0.00	19.55 0.40 0.00	18.58 0.40 0.00	19.30 0.42 0.00	20.43 0.44 0.00	22.21 0.46 0.00	26.58 0.49 0.00	33.35 0.52 0.00	39.62 0.55 0.00	41.89 0.58 0.00	36.69 0.47 0.00	30.43 0.39 0.00	25.53 0.33 0.00
ATHENS_STG_3 23677	24.90 0.44 0.00	22.19 0.48 0.00	19.85 0.43 0.00	19.38 0.45 0.00	21.19 0.44 0.00	21.89 0.43 0.00	23.38 0.46 0.00	22.42 0.37 0.00	21.41 0.34 0.00	19.66 0.35 0.00	20.13 0.37 0.00	19.40 0.36 0.00	19.55 0.40 0.00	18.58 0.40 0.00	19.30 0.42 0.00	20.43 0.44 0.00	22.21 0.46 0.00	26.58 0.49 0.00	33.35 0.52 0.00	39.62 0.55 0.00	41.89 0.58 0.00	36.69 0.47 0.00	30.43 0.39 0.00	25.53 0.33 0.00
AUBURN____LFGE 323710	23.75 -0.71 0.00	21.00 -0.72 0.00	18.84 -0.58 0.00	18.38 -0.55 0.00	20.03 -0.73 0.00	20.73 -0.73 0.00	22.17 -0.76 0.00	21.50 -0.55 0.00	20.59 -0.48 0.00	18.83 -0.48 0.00	19.23 -0.53 0.00	18.55 -0.50 0.00	18.61 -0.54 0.00	17.66 -0.53 0.00	18.34 -0.55 0.00	19.45 -0.54 0.00	21.12 -0.63 0.00	25.44 -0.65 0.00	32.08 -0.76 0.00	38.29 -0.78 0.00	40.53 -0.78 0.00	35.61 -0.62 0.00	29.44 -0.60 0.00	24.73 -0.48 0.00
BABYLON_RES_REC 323704	26.13 1.66 -0.01	27.80 1.67 -4.42	22.43 1.52 -1.49	21.98 1.51 -1.54	23.62 1.51 -1.34	24.00 1.50 -1.03	25.40 1.58 -0.90	24.51 1.48 -0.98	23.59 1.45 -1.07	22.21 1.39 -1.50	22.78 1.42 -1.60	22.06 1.33 -1.68	22.21 1.40 -1.67	24.81 1.36 -5.26	25.58 1.42 -5.28	28.32 1.54 -6.79	29.18 1.57 -5.86	33.98 1.77 -6.12	41.60 2.20 -6.56	47.36 2.54 -5.75	50.65 2.73 -6.61	44.89 2.35 -6.31	36.79 1.86 -4.89	32.19 1.56 -5.42
BALL_HILL_WT_PWR 323825	22.79 -1.66 0.00	19.93 -1.78 0.00	18.02 -1.40 0.00	17.66 -1.27 0.00	19.04 -1.72 0.00	19.66 -1.80 0.00	20.84 -2.09 0.00	20.51 -1.54 0.00	19.70 -1.37 0.00	17.92 -1.39 0.00	18.20 -1.56 0.00	17.65 -1.39 0.00	17.54 -1.61 0.00	16.62 -1.56 0.00	17.32 -1.57 0.00	18.29 -1.70 0.00	19.77 -1.98 0.00	23.69 -2.40 0.00	30.11 -2.72 0.00	36.22 -2.85 0.00	38.42 -2.89 0.00	33.76 -2.46 0.00	28.15 -1.89 0.00	24.20 -1.01 0.00
BARON_WINDS____WT_PWR 323822	23.26 -1.20 0.00	20.45 -1.26 0.00	18.43 -0.99 0.00	18.03 -0.89 0.00	19.55 -1.20 0.00	20.22 -1.25 0.00	21.50 -1.42 0.00	20.95 -1.10 0.00	20.06 -1.01 0.00	18.27 -1.04 0.00	18.59 -1.17 0.00	17.96 -1.08 0.00	17.94 -1.21 0.00	17.00 -1.18 0.00	17.72 -1.17 0.00	18.75 -1.24 0.00	20.29 -1.46 0.00	24.37 -1.72 0.00	30.99 -1.84 0.00	37.28 -1.80 0.00	39.54 -1.78 0.00	34.77 -1.45 0.00	28.87 -1.17 0.00	24.55 -0.66 0.00
BARRETT_IC_1 23704	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_10 23701	25.94 1.47 -0.01	38.38 1.41 -15.25	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	37.61 1.25 -18.18	38.38 1.27 -18.23	42.55 1.26 -21.30	42.55 1.24 -19.56	42.55 1.33 -15.13	57.02 1.58 -22.61	60.68 1.80 -19.80	65.89 1.82 -22.76	59.52 1.56 -21.74	42.55 1.23 -11.28	42.55 1.08 -16.26
BARRETT_IC_11 23702	25.94 1.47 -0.01	38.38 1.41 -15.25	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	37.61 1.25 -18.18	38.38 1.27 -18.23	42.55 1.26 -21.30	42.55 1.24 -19.56	42.55 1.33 -15.13	57.02 1.58 -22.61	60.68 1.80 -19.80	65.89 1.82 -22.76	59.52 1.56 -21.74	42.55 1.23 -11.28	42.55 1.08 -16.26
BARRETT_IC_12 23703	25.94 1.47 -0.01	38.38 1.41 -15.25	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	37.61 1.25 -18.18	38.38 1.27 -18.23	42.55 1.26 -21.30	42.55 1.24 -19.56	42.55 1.33 -15.13	57.02 1.58 -22.61	60.68 1.80 -19.80	65.89 1.82 -22.76	59.52 1.56 -21.74	42.55 1.23 -11.28	42.55 1.08 -16.26
BARRETT_IC_2 23705	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_3 23706	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_4 23707	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_5 23708	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21

BARRETT_IC_6 23709	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_7 23710	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.82 1.42 -10.47	34.80 1.32 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.09 1.28 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_8 23711	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT_IC_9 23700	25.94 1.47 -0.01	38.38 1.41 -15.25	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	37.61 1.25 -18.18	38.38 1.27 -18.23	42.55 1.26 -21.30	42.55 1.24 -19.56	42.55 1.33 -15.13	57.02 1.58 -22.61	60.68 1.80 -19.80	65.89 1.82 -22.76	59.52 1.56 -21.74	42.55 1.23 -11.28	42.55 1.08 -16.26
BARRETT___1 23545	25.94 1.47 -0.01	67.08 1.41 -43.95	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	71.80 1.25 -52.36	72.66 1.27 -52.51	90.07 1.26 -68.82	81.50 1.24 -58.51	91.65 1.33 -64.23	99.51 1.58 -65.10	97.89 1.80 -57.02	108.66 1.82 -65.53	100.36 1.56 -62.58	83.09 1.23 -51.82	81.50 1.08 -55.21
BARRETT___2 23546	25.94 1.47 -0.01	38.38 1.41 -15.25	34.84 1.34 -14.08	34.84 1.34 -14.57	34.84 1.35 -12.73	34.84 1.35 -12.03	34.84 1.44 -10.47	34.84 1.37 -11.42	34.84 1.37 -12.40	34.84 1.29 -14.24	36.23 1.32 -15.15	36.23 1.26 -15.93	36.23 1.30 -15.78	37.61 1.25 -18.18	38.38 1.27 -18.23	42.55 1.26 -21.30	42.55 1.24 -19.56	42.55 1.33 -15.13	57.02 1.58 -22.61	60.68 1.80 -19.80	65.89 1.82 -22.76	59.52 1.56 -21.74	42.55 1.23 -11.28	42.55 1.08 -16.26
BATAVIA___115KV_TB1 55881	23.06 -1.39 0.00	20.09 -1.63 0.00	18.14 -1.28 0.00	17.73 -1.19 0.00	19.20 -1.56 0.00	19.81 -1.65 0.00	21.09 -1.83 0.00	20.86 -1.19 0.00	19.89 -1.18 0.00	18.02 -1.29 0.00	18.32 -1.44 0.00	17.77 -1.28 0.00	17.69 -1.46 0.00	16.78 -1.40 0.00	17.47 -1.42 0.00	18.51 -1.48 0.00	20.10 -1.65 0.00	24.13 -1.96 0.00	30.70 -2.13 0.00	37.00 -2.07 0.00	39.12 -2.19 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.45 -0.76 0.00
BAYONEEC___CTG1 323682	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG10 323750	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG2 323683	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG3 323684	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG4 323685	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG5 323686	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG6 323687	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG7 323688	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00

BAYONEEC___CTG8 323689	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BAYONEEC___CTG9 323749	25.54 1.07 0.00	22.86 1.15 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.98 1.06 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.34 1.25 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.97 1.65 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.09 0.88 0.00
BEACON___LESR 323632	24.80 0.34 0.00	22.08 0.37 0.00	19.75 0.33 0.00	19.26 0.34 0.00	21.05 0.29 0.00	21.80 0.34 0.00	23.27 0.34 0.00	22.29 0.24 0.00	21.24 0.17 0.00	19.48 0.17 0.00	19.98 0.22 0.00	19.25 0.21 0.00	19.38 0.23 0.00	18.40 0.22 0.00	19.12 0.23 0.00	20.27 0.28 0.00	22.05 0.30 0.00	26.43 0.34 0.00	33.23 0.40 0.00	39.42 0.35 0.00	41.60 0.29 0.00	36.48 0.26 0.00	30.34 0.30 0.00	25.41 0.20 0.00
BEAVER RIVER___HYD 24048	23.94 -0.51 0.00	21.13 -0.59 0.00	18.98 -0.45 0.00	18.47 -0.45 0.00	20.30 -0.46 0.00	21.08 -0.39 0.00	22.60 -0.32 0.00	21.76 -0.29 0.00	20.73 -0.34 0.00	18.90 -0.41 0.00	19.30 -0.45 0.00	18.55 -0.50 0.00	18.52 -0.63 0.00	17.49 -0.69 0.00	18.13 -0.76 0.00	19.15 -0.84 0.00	20.97 -0.78 0.00	25.33 -0.76 0.00	32.24 -0.59 0.00	38.64 -0.43 0.00	41.07 -0.25 0.00	35.90 -0.33 0.00	29.77 -0.27 0.00	24.95 -0.25 0.00
BEEBEE_GT_13 23619	23.16 -1.30 0.00	20.28 -1.43 0.00	18.26 -1.17 0.00	17.83 -1.10 0.00	19.37 -1.39 0.00	20.02 -1.44 0.00	21.34 -1.58 0.00	20.97 -1.08 0.00	20.04 -1.03 0.00	18.25 -1.06 0.00	18.61 -1.15 0.00	18.03 -1.01 0.00	18.04 -1.11 0.00	17.13 -1.05 0.00	17.79 -1.10 0.00	18.85 -1.14 0.00	20.47 -1.28 0.00	24.55 -1.54 0.00	31.03 -1.81 0.00	37.20 -1.88 0.00	39.29 -2.02 0.00	34.63 -1.59 0.00	28.69 -1.35 0.00	24.35 -0.86 0.00
BENSHRST_27_KV_BENSHRST_1 355998	25.81 1.35 -0.01	23.08 1.37 0.00	20.63 1.20 0.00	20.19 1.27 0.00	21.90 1.14 0.00	22.56 1.09 0.00	24.09 1.17 0.00	23.17 1.12 0.00	22.29 1.22 0.00	20.57 1.26 0.00	21.06 1.30 0.00	20.30 1.26 0.00	20.49 1.34 0.00	19.49 1.31 0.00	20.25 1.36 0.00	21.35 1.36 0.00	23.12 1.37 0.00	27.60 1.51 0.00	34.51 1.67 0.00	40.95 1.88 0.00	42.97 1.65 0.00	37.82 1.59 0.00	31.27 1.23 0.00	26.26 1.06 0.00
BETHLEHEM___GRP 23843	24.48 0.02 0.00	21.80 0.09 0.00	19.50 0.08 0.00	19.02 0.09 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.01 -0.04 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
BETHLEHEM___GS1 323560	24.48 0.02 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.10 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.03 -0.02 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
BETHLEHEM___GS2 323561	24.48 0.02 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.10 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.03 -0.02 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
BETHLEHEM___GS3 323562	24.48 0.02 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.10 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.03 -0.02 0.00	20.99 -0.08 0.00	19.25 -0.06 0.00	19.74 -0.02 0.00	19.02 -0.02 0.00	19.15 0.00 0.00	18.20 0.02 0.00	18.91 0.02 0.00	20.03 0.04 0.00	21.79 0.04 0.00	26.09 0.00 0.00	32.77 -0.07 0.00	38.84 -0.23 0.00	40.98 -0.33 0.00	35.90 -0.33 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
BETHLEHEM___STEEL 23779	22.67 -1.79 0.00	19.80 -1.91 0.00	17.95 -1.48 0.00	17.54 -1.38 0.00	18.91 -1.85 0.00	19.55 -1.91 0.00	20.70 -2.22 0.00	20.51 -1.54 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.44 -1.70 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.17 -1.82 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00
BETHLHEM_115KV_TB1 79974	24.53 0.07 0.00	21.84 0.13 0.00	19.56 0.14 0.00	19.08 0.15 0.00	20.86 0.10 0.00	21.57 0.11 0.00	23.04 0.11 0.00	22.05 0.00 0.00	21.03 -0.04 0.00	19.31 0.00 0.00	19.78 0.02 0.00	19.08 0.04 0.00	19.21 0.06 0.00	18.24 0.05 0.00	18.95 0.06 0.00	20.09 0.10 0.00	21.84 0.09 0.00	26.17 0.08 0.00	32.83 0.00 0.00	38.96 -0.12 0.00	41.11 -0.21 0.00	36.04 -0.18 0.00	29.95 -0.09 0.00	25.13 -0.08 0.00
BETHPAGE_CC_5 323564	26.08 1.61 -0.01	29.47 1.63 -6.12	23.06 1.48 -2.16	22.65 1.49 -2.24	24.21 1.50 -1.95	24.48 1.48 -1.54	25.84 1.58 -1.34	24.99 1.48 -1.46	24.13 1.47 -1.58	22.90 1.41 -2.18	23.52 1.44 -2.32	22.86 1.37 -2.44	23.01 1.44 -2.42	26.88 1.40 -7.30	27.66 1.45 -7.32	31.00 1.54 -9.47	31.45 1.57 -8.14	36.44 1.72 -8.63	44.03 2.10 -9.09	49.42 2.38 -7.97	52.99 2.52 -9.15	47.14 2.17 -8.74	38.67 1.71 -6.92	34.27 1.49 -7.57
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.72 -1.74 0.00	19.85 -1.87 0.00	17.98 -1.44 0.00	17.58 -1.34 0.00	18.95 -1.81 0.00	19.59 -1.87 0.00	20.72 -2.20 0.00	20.53 -1.52 0.00	19.60 -1.47 0.00	17.82 -1.49 0.00	18.10 -1.66 0.00	17.56 -1.49 0.00	17.46 -1.68 0.00	16.53 -1.65 0.00	17.25 -1.64 0.00	18.19 -1.80 0.00	19.68 -2.07 0.00	23.58 -2.50 0.00	29.97 -2.86 0.00	36.06 -3.01 0.00	38.26 -3.06 0.00	33.62 -2.61 0.00	28.03 -2.01 0.00	24.10 -1.11 0.00
BINGHAMTON___COGEN 23790	24.07 -0.39 0.00	21.30 -0.41 0.00	19.13 -0.29 0.00	18.68 -0.25 0.00	20.34 -0.42 0.00	21.05 -0.41 0.00	22.46 -0.46 0.00	21.74 -0.31 0.00	20.80 -0.27 0.00	19.04 -0.27 0.00	19.44 -0.32 0.00	18.76 -0.29 0.00	18.80 -0.34 0.00	17.86 -0.33 0.00	18.57 -0.32 0.00	19.65 -0.34 0.00	21.31 -0.43 0.00	25.59 -0.50 0.00	32.27 -0.56 0.00	38.53 -0.55 0.00	40.82 -0.50 0.00	35.79 -0.43 0.00	29.65 -0.39 0.00	25.00 -0.20 0.00

BIXINCNT_115KV_LOAD 355685	22.67 -1.79 0.00	19.85 -1.87 0.00	17.93 -1.50 0.00	17.58 -1.34 0.00	19.01 -1.74 0.00	19.64 -1.82 0.00	20.74 -2.18 0.00	20.51 -1.54 0.00	19.62 -1.45 0.00	17.88 -1.43 0.00	18.14 -1.62 0.00	17.58 -1.47 0.00	17.46 -1.68 0.00	16.51 -1.67 0.00	17.19 -1.70 0.00	18.07 -1.92 0.00	19.44 -2.31 0.00	23.32 -2.77 0.00	29.78 -3.05 0.00	36.03 -3.05 0.00	38.34 -2.97 0.00	33.72 -2.50 0.00	28.09 -1.95 0.00	24.15 -1.06 0.00
BLACK RIVER___HYD 24047	24.07 -0.39 0.00	21.22 -0.50 0.00	19.09 -0.33 0.00	18.56 -0.36 0.00	20.36 -0.40 0.00	21.14 -0.32 0.00	22.58 -0.34 0.00	21.74 -0.31 0.00	20.73 -0.34 0.00	18.85 -0.46 0.00	19.24 -0.51 0.00	18.49 -0.55 0.00	18.52 -0.63 0.00	17.48 -0.71 0.00	18.13 -0.76 0.00	19.15 -0.84 0.00	20.97 -0.78 0.00	25.41 -0.68 0.00	32.40 -0.43 0.00	38.96 -0.12 0.00	41.52 0.21 0.00	36.22 0.00 0.00	30.04 0.00 0.00	25.15 -0.05 0.00
BLACKRVR_115KV_TB2 79977	24.07 -0.39 0.00	21.22 -0.50 0.00	19.09 -0.33 0.00	18.56 -0.36 0.00	20.36 -0.39 0.00	21.14 -0.32 0.00	22.58 -0.34 0.00	21.76 -0.29 0.00	20.73 -0.34 0.00	18.85 -0.46 0.00	19.24 -0.51 0.00	18.49 -0.55 0.00	18.52 -0.63 0.00	17.48 -0.71 0.00	18.13 -0.76 0.00	19.15 -0.84 0.00	20.97 -0.78 0.00	25.41 -0.68 0.00	32.40 -0.43 0.00	38.96 -0.12 0.00	41.52 0.21 0.00	36.22 0.00 0.00	30.04 0.00 0.00	25.15 -0.05 0.00
BLDWN_LI_69_KV_BK4 356085	26.06 1.59 -0.01	39.52 1.59 -16.22	26.40 1.46 -5.52	26.09 1.46 -5.71	27.20 1.45 -4.99	27.23 1.48 -4.28	28.21 1.56 -3.73	27.55 1.43 -4.07	26.96 1.47 -4.42	26.30 1.41 -5.58	27.14 1.44 -5.94	26.66 1.37 -6.24	26.75 1.42 -6.19	38.90 1.38 -19.33	39.69 1.42 -19.38	46.77 1.48 -25.29	44.84 1.50 -21.59	51.15 1.64 -23.42	58.89 2.00 -24.05	62.45 2.31 -21.07	67.92 2.40 -24.21	61.41 2.06 -23.12	50.51 1.62 -18.85	46.86 1.39 -20.27
BLISS_WT_PWR 323608	22.60 -1.86 0.00	19.78 -1.93 0.00	17.81 -1.61 0.00	17.52 -1.40 0.00	18.97 -1.79 0.00	19.55 -1.91 0.00	20.68 -2.25 0.00	20.33 -1.72 0.00	19.55 -1.52 0.00	17.84 -1.47 0.00	18.08 -1.68 0.00	17.52 -1.52 0.00	17.41 -1.74 0.00	16.46 -1.73 0.00	17.13 -1.76 0.00	18.01 -1.98 0.00	19.33 -2.41 0.00	23.19 -2.90 0.00	29.65 -3.18 0.00	35.91 -3.16 0.00	38.30 -3.01 0.00	33.65 -2.57 0.00	28.03 -2.01 0.00	24.10 -1.11 0.00
BLUESTONE___WT_PWR 323821	24.92 0.46 0.00	22.11 0.39 0.00	19.85 0.43 0.00	19.34 0.42 0.00	21.11 0.35 0.00	21.89 0.43 0.00	23.36 0.43 0.00	22.51 0.46 0.00	21.56 0.49 0.00	19.70 0.39 0.00	20.15 0.40 0.00	19.39 0.34 0.00	19.49 0.35 0.00	18.46 0.27 0.00	19.15 0.26 0.00	20.33 0.34 0.00	22.16 0.41 0.00	26.64 0.55 0.00	33.65 0.82 0.00	40.17 1.09 0.00	42.63 1.32 0.00	37.24 1.01 0.00	30.88 0.84 0.00	25.94 0.73 0.00
BLUE_CIRC_CHEM_DRP 24182	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.05 0.29 0.00	21.76 0.30 0.00	23.24 0.32 0.00	22.25 0.20 0.00	21.20 0.13 0.00	19.43 0.12 0.00	19.90 0.14 0.00	19.20 0.15 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.06 0.17 0.00	20.19 0.20 0.00	21.97 0.22 0.00	26.32 0.23 0.00	33.13 0.30 0.00	39.35 0.27 0.00	41.56 0.25 0.00	36.44 0.22 0.00	30.28 0.24 0.00	25.41 0.20 0.00
BOC_GAS_DRP 24189	24.68 0.22 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.99 0.23 0.00	21.70 0.24 0.00	23.17 0.25 0.00	22.20 0.15 0.00	21.20 0.13 0.00	19.45 0.14 0.00	19.92 0.16 0.00	19.21 0.17 0.00	19.32 0.17 0.00	18.37 0.18 0.00	19.08 0.19 0.00	20.21 0.22 0.00	21.97 0.22 0.00	26.32 0.23 0.00	33.06 0.23 0.00	39.27 0.20 0.00	41.44 0.12 0.00	36.33 0.11 0.00	30.19 0.15 0.00	25.31 0.10 0.00
BOONVILLE_115KV_TB1 79983	24.41 -0.05 0.00	21.61 -0.11 0.00	19.40 -0.02 0.00	18.89 -0.04 0.00	20.72 -0.04 0.00	21.48 0.02 0.00	22.99 0.07 0.00	22.14 0.09 0.00	21.13 0.06 0.00	19.31 0.00 0.00	19.74 -0.02 0.00	19.01 -0.04 0.00	19.03 -0.11 0.00	18.02 -0.16 0.00	18.70 -0.19 0.00	19.79 -0.20 0.00	21.57 -0.17 0.00	25.98 -0.10 0.00	32.90 0.07 0.00	39.27 0.20 0.00	41.68 0.37 0.00	36.44 0.22 0.00	30.22 0.18 0.00	25.36 0.15 0.00
BORALEX_4TH_BRANCH 23824	25.17 0.71 0.00	22.39 0.67 0.00	20.02 0.60 0.00	19.55 0.62 0.00	21.36 0.60 0.00	22.08 0.62 0.00	23.68 0.76 0.00	22.62 0.57 0.00	21.47 0.40 0.00	19.73 0.42 0.00	20.29 0.53 0.00	19.58 0.53 0.00	19.70 0.56 0.00	18.73 0.55 0.00	19.44 0.55 0.00	20.59 0.60 0.00	22.40 0.65 0.00	26.95 0.86 0.00	33.91 1.08 0.00	40.32 1.25 0.00	42.26 0.95 0.00	37.09 0.87 0.00	30.76 0.72 0.00	25.63 0.43 0.00
BOWLINE___1 23526	25.36 0.91 0.00	22.67 0.95 0.00	20.28 0.85 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.28 0.82 0.00	23.79 0.87 0.00	22.82 0.77 0.00	21.87 0.80 0.00	20.10 0.79 0.00	20.59 0.83 0.00	19.84 0.80 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.78 0.89 0.00	20.93 0.94 0.00	22.68 0.93 0.00	27.11 1.02 0.00	33.95 1.12 0.00	40.29 1.21 0.00	42.67 1.36 0.00	37.35 1.12 0.00	30.91 0.87 0.00	25.94 0.73 0.00
BOWLINE___2 23595	25.36 0.91 0.00	22.67 0.95 0.00	20.28 0.85 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.28 0.82 0.00	23.79 0.87 0.00	22.82 0.77 0.00	21.87 0.80 0.00	20.10 0.79 0.00	20.59 0.83 0.00	19.84 0.80 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.78 0.89 0.00	20.93 0.94 0.00	22.68 0.93 0.00	27.11 1.02 0.00	33.95 1.12 0.00	40.29 1.21 0.00	42.67 1.36 0.00	37.35 1.12 0.00	30.91 0.87 0.00	25.94 0.73 0.00
BRADY___115KV_TB2 356060	24.85 0.39 0.00	21.87 0.15 0.00	19.56 0.14 0.00	19.00 0.08 0.00	21.11 0.35 0.00	21.83 0.36 0.00	23.27 0.34 0.00	22.40 0.35 0.00	21.34 0.27 0.00	19.52 0.21 0.00	19.90 0.14 0.00	19.12 0.08 0.00	19.19 0.04 0.00	18.19 0.00 0.00	18.87 -0.02 0.00	19.79 -0.20 0.00	21.84 0.09 0.00	26.32 0.23 0.00	33.39 0.56 0.00	39.93 0.86 0.00	42.35 1.03 0.00	37.06 0.83 0.00	30.76 0.72 0.00	25.73 0.53 0.00
BRANSCOMB___SOLAR 323811	25.17 0.71 0.00	22.39 0.67 0.00	20.04 0.62 0.00	19.55 0.62 0.00	21.36 0.60 0.00	22.15 0.69 0.00	23.59 0.67 0.00	22.56 0.51 0.00	21.45 0.38 0.00	19.60 0.29 0.00	20.09 0.34 0.00	19.35 0.30 0.00	19.47 0.33 0.00	18.49 0.31 0.00	19.21 0.32 0.00	20.39 0.40 0.00	22.23 0.48 0.00	26.71 0.63 0.00	33.75 0.92 0.00	40.17 1.09 0.00	42.43 1.12 0.00	37.16 0.94 0.00	30.85 0.81 0.00	25.78 0.58 0.00
BRDGHMPT_69_KV_BK1 55812	26.33 1.86 -0.01	25.41 1.78 -1.91	21.68 1.61 -0.65	21.20 1.61 -0.67	22.96 1.62 -0.58	23.52 1.61 -0.45	24.94 1.63 -0.39	23.91 1.43 -0.43	23.01 1.47 -0.47	21.37 1.41 -0.65	21.80 1.34 -0.70	21.07 1.29 -0.73	21.25 1.38 -0.72	21.81 1.35 -2.28	22.55 1.38 -2.29	24.47 1.62 -2.86	25.99 1.72 -2.52	30.60 2.09 -2.42	38.31 2.63 -2.85	44.85 3.28 -2.50	47.82 3.64 -2.87	42.15 3.19 -2.74	34.50 2.55 -1.90	29.58 2.12 -2.26



BRENTWOD_69_KV_W. BRTWOOD 56703	26.30 1.83 -0.01	25.94 1.80 -2.42	21.90 1.65 -0.83	21.43 1.65 -0.86	23.15 1.64 -0.75	23.70 1.65 -0.58	25.13 1.70 -0.51	24.13 1.52 -0.55	23.21 1.54 -0.60	21.61 1.47 -0.84	22.15 1.50 -0.89	21.41 1.43 -0.94	21.57 1.49 -0.93	22.53 1.45 -2.89	23.29 1.51 -2.89	25.33 1.68 -3.66	26.67 1.72 -3.20	31.25 1.98 -3.18	38.90 2.46 -3.61	45.16 2.93 -3.16	48.08 3.14 -3.63	42.41 2.72 -3.47	34.72 2.16 -2.51	29.90 1.79 -2.90
BRISTLHL_115KV_TB1 79998	23.43 -1.03 0.00	20.74 -0.98 0.00	18.59 -0.84 0.00	18.15 -0.78 0.00	19.78 -0.98 0.00	20.47 -0.99 0.00	21.89 -1.03 0.00	21.19 -0.86 0.00	20.27 -0.80 0.00	18.56 -0.75 0.00	18.99 -0.77 0.00	18.30 -0.74 0.00	18.38 -0.77 0.00	17.44 -0.75 0.00	18.11 -0.77 0.00	19.19 -0.80 0.00	20.84 -0.91 0.00	25.07 -1.02 0.00	31.55 -1.28 0.00	37.55 -1.52 0.00	39.78 -1.53 0.00	34.92 -1.30 0.00	28.93 -1.11 0.00	24.30 -0.91 0.00
BROOKHAVEN___DRP 24191	26.20 1.74 -0.01	25.31 1.69 -1.90	21.64 1.57 -0.64	21.16 1.57 -0.66	22.92 1.58 -0.58	23.46 1.55 -0.45	24.87 1.56 -0.39	23.84 1.37 -0.43	22.92 1.39 -0.46	21.29 1.33 -0.65	21.77 1.32 -0.69	21.03 1.26 -0.73	21.19 1.32 -0.72	21.76 1.31 -2.27	22.52 1.36 -2.27	24.39 1.56 -2.84	25.84 1.59 -2.51	30.37 1.88 -2.41	37.96 2.30 -2.84	44.41 2.85 -2.48	47.27 3.10 -2.85	41.63 2.68 -2.73	34.06 2.13 -1.89	29.22 1.76 -2.25
BROOKLYN_NAVY_YARD 23515	25.51 1.05 0.00	22.81 1.11 0.01	20.40 0.99 0.01	19.92 1.00 0.01	21.68 0.93 0.01	22.37 0.92 0.02	23.91 1.01 0.02	23.00 0.95 0.00	22.08 1.01 0.00	20.33 1.02 0.00	20.82 1.07 0.00	20.05 1.01 0.00	20.22 1.07 0.00	19.26 1.07 0.00	20.00 1.11 0.00	21.21 1.16 -0.06	22.93 1.15 -0.03	27.41 1.20 -0.12	34.18 1.35 0.00	40.54 1.48 0.02	42.88 1.57 0.00	37.56 1.34 0.00	31.16 1.02 -0.10	26.07 0.83 -0.03
BROOKLYN___ARMY_DRP 323595	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
BROOME_2_LFGE 323671	24.07 -0.39 0.00	21.30 -0.41 0.00	19.13 -0.29 0.00	18.68 -0.25 0.00	20.34 -0.41 0.00	21.05 -0.41 0.00	22.46 -0.46 0.00	21.72 -0.33 0.00	20.80 -0.27 0.00	19.04 -0.27 0.00	19.44 -0.32 0.00	18.76 -0.29 0.00	18.80 -0.34 0.00	17.86 -0.33 0.00	18.55 -0.34 0.00	19.65 -0.34 0.00	21.31 -0.43 0.00	25.59 -0.50 0.00	32.27 -0.56 0.00	38.53 -0.55 0.00	40.82 -0.49 0.00	35.79 -0.43 0.00	29.65 -0.39 0.00	25.00 -0.20 0.00
BROOME___LFGE 323600	24.07 -0.39 0.00	21.30 -0.41 0.00	19.13 -0.29 0.00	18.68 -0.25 0.00	20.34 -0.41 0.00	21.05 -0.41 0.00	22.46 -0.46 0.00	21.72 -0.33 0.00	20.80 -0.27 0.00	19.04 -0.27 0.00	19.44 -0.32 0.00	18.76 -0.29 0.00	18.80 -0.34 0.00	17.86 -0.33 0.00	18.55 -0.34 0.00	19.65 -0.34 0.00	21.31 -0.43 0.00	25.59 -0.50 0.00	32.27 -0.56 0.00	38.53 -0.55 0.00	40.82 -0.49 0.00	35.79 -0.43 0.00	29.65 -0.39 0.00	25.00 -0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	23.94 -0.51 0.00	21.11 -0.61 0.00	18.92 -0.50 0.00	18.39 -0.53 0.00	20.32 -0.44 0.00	21.05 -0.41 0.00	22.53 -0.39 0.00	21.72 -0.33 0.00	20.71 -0.36 0.00	18.90 -0.41 0.00	19.28 -0.47 0.00	18.53 -0.51 0.00	18.55 -0.59 0.00	17.55 -0.64 0.00	18.19 -0.70 0.00	19.15 -0.84 0.00	21.03 -0.72 0.00	25.38 -0.70 0.00	32.24 -0.59 0.00	38.60 -0.47 0.00	40.98 -0.33 0.00	35.82 -0.40 0.00	29.74 -0.30 0.00	24.90 -0.30 0.00
BROWNSV1_27_KV_LOAD 356125	25.73 1.27 0.00	23.02 1.30 0.00	20.59 1.17 0.00	20.10 1.17 0.00	21.88 1.12 0.00	22.58 1.12 0.00	24.11 1.19 0.00	23.17 1.12 0.00	22.27 1.20 0.00	20.51 1.20 0.00	21.00 1.24 0.00	20.22 1.18 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.33 1.34 0.00	23.10 1.35 0.00	27.58 1.49 0.00	34.51 1.67 0.00	40.95 1.88 0.00	43.34 2.02 0.00	37.93 1.70 0.00	31.36 1.32 0.00	26.29 1.08 0.00
BURROWS___LYONSDAL 23803	24.26 -0.20 0.00	21.48 -0.24 0.00	19.29 -0.14 0.00	18.77 -0.15 0.00	20.59 -0.17 0.00	21.35 -0.11 0.00	22.90 -0.02 0.00	22.05 0.00 0.00	21.05 -0.02 0.00	19.21 -0.10 0.00	19.64 -0.12 0.00	18.89 -0.15 0.00	18.90 -0.25 0.00	17.88 -0.31 0.00	18.53 -0.36 0.00	19.61 -0.38 0.00	21.40 -0.35 0.00	25.80 -0.29 0.00	32.70 -0.13 0.00	39.07 0.00 0.00	41.48 0.17 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.23 0.03 0.00
CAITHNESS_CC_1 323624	26.15 1.69 -0.01	25.25 1.65 -1.89	21.59 1.53 -0.64	21.12 1.53 -0.66	22.87 1.54 -0.58	23.41 1.50 -0.45	24.82 1.51 -0.39	23.84 1.37 -0.42	22.88 1.35 -0.46	21.25 1.29 -0.64	21.75 1.30 -0.69	21.00 1.24 -0.72	21.17 1.30 -0.72	21.73 1.29 -2.25	22.49 1.34 -2.26	24.33 1.52 -2.82	25.79 1.54 -2.49	30.28 1.80 -2.39	37.88 2.23 -2.82	44.28 2.73 -2.47	47.08 2.93 -2.84	41.47 2.53 -2.71	33.96 2.04 -1.88	29.13 1.69 -2.23
CALPINE BETH_PAGE_GT4 24209	26.08 1.61 -0.01	30.99 1.63 -7.64	23.61 1.48 -2.71	23.21 1.48 -2.81	24.69 1.47 -2.45	24.87 1.48 -1.93	26.16 1.56 -1.68	25.31 1.43 -1.83	24.53 1.47 -1.99	23.46 1.41 -2.74	24.12 1.44 -2.92	23.49 1.37 -3.07	23.63 1.44 -3.04	28.69 1.40 -9.11	29.48 1.45 -9.13	33.39 1.54 -11.86	33.48 1.57 -10.16	38.63 1.67 -10.87	46.18 2.00 -11.35	51.28 2.27 -9.94	55.13 2.40 -11.42	49.20 2.06 -10.91	40.42 1.65 -8.73	36.18 1.49 -9.49
CALPINE_BETH_PAGE_GT_4 323586	26.08 1.61 -0.01	30.99 1.63 -7.64	23.61 1.48 -2.71	23.21 1.48 -2.81	24.69 1.47 -2.45	24.87 1.48 -1.93	26.16 1.56 -1.68	25.36 1.48 -1.83	24.53 1.47 -1.99	23.46 1.41 -2.74	24.12 1.44 -2.92	23.49 1.37 -3.07	23.63 1.44 -3.04	28.69 1.40 -9.11	29.48 1.45 -9.13	33.39 1.54 -11.86	33.48 1.57 -10.16	38.60 1.64 -10.87	46.18 2.00 -11.35	51.28 2.27 -9.94	55.13 2.40 -11.42	49.20 2.06 -10.91	40.42 1.65 -8.73	36.18 1.49 -9.49
CALPINE_BP_GT1 23823	26.08 1.61 -0.01	30.99 1.63 -7.64	23.61 1.48 -2.71	23.21 1.48 -2.81	24.69 1.47 -2.45	24.87 1.48 -1.93	26.16 1.56 -1.68	25.36 1.48 -1.83	24.53 1.47 -1.99	23.46 1.41 -2.74	24.12 1.44 -2.92	23.49 1.37 -3.07	23.63 1.44 -3.04	28.69 1.40 -9.11	29.48 1.45 -9.13	33.39 1.54 -11.86	33.48 1.57 -10.16	38.60 1.64 -10.87	46.18 2.00 -11.35	51.28 2.27 -9.94	55.13 2.40 -11.42	49.20 2.06 -10.91	40.42 1.65 -8.73	36.18 1.49 -9.49
CALSPAN___DRP 24200	22.67 -1.79 0.00	19.80 -1.91 0.00	17.95 -1.48 0.00	17.54 -1.38 0.00	18.91 -1.85 0.00	19.55 -1.91 0.00	20.70 -2.22 0.00	20.51 -1.54 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.44 -1.70 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.17 -1.82 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00

CALVERTON___SOLAR 323806	26.25 1.78 -0.01	25.36 1.74 -1.90	21.68 1.61 -0.64	21.18 1.59 -0.67	22.94 1.60 -0.58	23.48 1.57 -0.45	24.92 1.60 -0.39	23.91 1.43 -0.43	22.95 1.41 -0.46	21.31 1.35 -0.65	21.80 1.34 -0.69	21.05 1.28 -0.73	21.21 1.34 -0.72	21.78 1.33 -2.27	22.54 1.38 -2.28	24.42 1.58 -2.84	25.87 1.61 -2.51	30.43 1.93 -2.41	38.07 2.40 -2.84	44.53 2.97 -2.49	47.40 3.22 -2.86	41.74 2.79 -2.73	34.16 2.22 -1.90	29.29 1.84 -2.25
CANDIGU_WT_PWR 323617	23.26 -1.20 0.00	20.45 -1.26 0.00	18.43 -0.99 0.00	18.03 -0.89 0.00	19.55 -1.20 0.00	20.22 -1.25 0.00	21.50 -1.42 0.00	20.95 -1.10 0.00	20.06 -1.01 0.00	18.27 -1.04 0.00	18.59 -1.17 0.00	17.96 -1.08 0.00	17.94 -1.21 0.00	17.00 -1.18 0.00	17.72 -1.17 0.00	18.75 -1.24 0.00	20.29 -1.46 0.00	24.37 -1.72 0.00	30.99 -1.84 0.00	37.28 -1.80 0.00	39.54 -1.78 0.00	34.77 -1.45 0.00	28.87 -1.17 0.00	24.55 -0.66 0.00
CARR STREET_E_SYR 24060	23.77 -0.68 0.00	21.04 -0.67 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.68 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.48 -0.57 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.24 -0.51 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.69 -0.49 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.14 -0.61 0.00	25.44 -0.65 0.00	31.91 -0.92 0.00	37.90 -1.17 0.00	40.16 -1.16 0.00	35.32 -0.90 0.00	29.35 -0.69 0.00	24.65 -0.55 0.00
CARTHAGE___PAPER 23857	23.99 -0.47 0.00	21.17 -0.54 0.00	19.01 -0.41 0.00	18.49 -0.43 0.00	20.32 -0.44 0.00	21.10 -0.36 0.00	22.58 -0.34 0.00	21.74 -0.31 0.00	20.71 -0.36 0.00	18.87 -0.44 0.00	19.24 -0.51 0.00	18.49 -0.55 0.00	18.48 -0.67 0.00	17.44 -0.75 0.00	18.10 -0.79 0.00	19.09 -0.90 0.00	20.92 -0.83 0.00	25.33 -0.76 0.00	32.30 -0.53 0.00	38.80 -0.27 0.00	41.27 -0.04 0.00	36.04 -0.18 0.00	29.89 -0.15 0.00	25.03 -0.18 0.00
CASSADAGA_WT_PWR 323784	22.97 -1.49 0.00	20.11 -1.61 0.00	18.18 -1.24 0.00	17.81 -1.12 0.00	19.18 -1.58 0.00	19.83 -1.63 0.00	21.07 -1.86 0.00	20.77 -1.28 0.00	19.95 -1.12 0.00	18.13 -1.18 0.00	18.36 -1.40 0.00	17.77 -1.28 0.00	17.62 -1.53 0.00	16.68 -1.51 0.00	17.38 -1.51 0.00	18.29 -1.70 0.00	19.79 -1.96 0.00	23.74 -2.35 0.00	30.30 -2.53 0.00	36.69 -2.38 0.00	39.04 -2.27 0.00	34.34 -1.89 0.00	28.63 -1.41 0.00	24.63 -0.58 0.00
CE_DUNWOOD___DRP 24194	25.49 1.03 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.69 0.93 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.91 0.86 0.00	22.00 0.93 0.00	20.24 0.93 0.00	20.71 0.95 0.00	19.96 0.91 0.00	20.12 0.98 0.00	19.15 0.96 0.00	19.89 1.00 0.00	21.07 1.08 0.00	22.84 1.09 0.00	27.26 1.17 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.06 0.86 0.00
CE_MILLWOOD___DRP 24193	25.46 1.00 0.00	22.76 1.04 0.00	20.34 0.91 0.00	19.85 0.93 0.00	21.65 0.89 0.00	22.34 0.88 0.00	23.86 0.94 0.00	22.87 0.82 0.00	21.96 0.88 0.00	20.18 0.87 0.00	20.67 0.91 0.00	19.90 0.86 0.00	20.07 0.92 0.00	19.11 0.93 0.00	19.85 0.96 0.00	21.01 1.02 0.00	22.77 1.02 0.00	27.21 1.12 0.00	34.11 1.28 0.00	40.48 1.41 0.00	42.84 1.53 0.00	37.49 1.27 0.00	31.03 0.99 0.00	26.04 0.83 0.00
CE_NYC2_DRP 24202	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.06 1.01 0.00	22.19 1.12 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.72 1.40 0.00	37.49 1.27 0.00	31.03 0.99 0.00	26.06 0.86 0.00
CE_NYC_DRP 24195	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.06 1.01 0.00	22.17 1.10 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.13 1.09 0.00	20.30 1.15 0.00	19.33 1.15 0.00	20.08 1.19 0.00	21.25 1.26 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.34 1.51 0.00	40.75 1.68 0.00	43.09 1.78 0.00	37.74 1.52 0.00	31.21 1.17 0.00	26.16 0.96 0.00
CHAFFEE___LFGE 323603	22.72 -1.74 0.00	19.85 -1.87 0.00	17.93 -1.50 0.00	17.58 -1.34 0.00	18.95 -1.81 0.00	19.53 -1.93 0.00	20.72 -2.20 0.00	20.40 -1.65 0.00	19.60 -1.48 0.00	17.82 -1.49 0.00	18.10 -1.66 0.00	17.56 -1.49 0.00	17.44 -1.70 0.00	16.53 -1.65 0.00	17.23 -1.66 0.00	18.21 -1.78 0.00	19.68 -2.07 0.00	23.58 -2.50 0.00	30.01 -2.82 0.00	36.10 -2.97 0.00	38.30 -3.01 0.00	33.61 -2.61 0.00	28.03 -2.01 0.00	24.12 -1.08 0.00
CHATEAUG_35_KV_LOAD 355732	24.73 0.27 0.00	21.89 0.17 0.00	19.52 0.10 0.00	18.98 0.06 0.00	20.99 0.23 0.00	21.70 0.24 0.00	23.17 0.25 0.00	22.36 0.31 0.00	21.34 0.27 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.95 0.06 0.00	19.97 -0.02 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.36 0.53 0.00	39.82 0.74 0.00	42.10 0.78 0.00	36.91 0.69 0.00	30.58 0.54 0.00	25.58 0.38 0.00
CHATEAUG_WT_PWR 323614	24.70 0.24 0.00	21.85 0.13 0.00	19.50 0.08 0.00	18.96 0.04 0.00	20.94 0.19 0.00	21.65 0.19 0.00	23.13 0.21 0.00	22.32 0.27 0.00	21.32 0.25 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.96 0.08 0.00	19.99 0.00 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.29 0.46 0.00	39.70 0.62 0.00	42.01 0.70 0.00	36.80 0.58 0.00	30.52 0.48 0.00	25.56 0.35 0.00
CHAT_HIGH_FALL_HYD 323578	24.73 0.27 0.00	21.89 0.17 0.00	19.52 0.10 0.00	18.98 0.06 0.00	20.99 0.23 0.00	21.70 0.24 0.00	23.17 0.25 0.00	22.36 0.31 0.00	21.34 0.27 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.95 0.06 0.00	19.97 -0.02 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.36 0.53 0.00	39.82 0.74 0.00	42.10 0.78 0.00	36.91 0.69 0.00	30.58 0.54 0.00	25.58 0.38 0.00
CHAUTAUQUA___LFGE 323629	22.94 -1.52 0.00	20.06 -1.65 0.00	18.14 -1.28 0.00	17.79 -1.13 0.00	19.18 -1.58 0.00	19.79 -1.67 0.00	21.00 -1.93 0.00	20.68 -1.37 0.00	19.87 -1.20 0.00	18.07 -1.24 0.00	18.34 -1.42 0.00	17.77 -1.28 0.00	17.65 -1.49 0.00	16.71 -1.47 0.00	17.42 -1.47 0.00	18.37 -1.62 0.00	19.86 -1.89 0.00	23.79 -2.30 0.00	30.30 -2.53 0.00	36.53 -2.54 0.00	38.79 -2.52 0.00	34.09 -2.14 0.00	28.42 -1.62 0.00	24.45 -0.76 0.00
CHERRYST_13_KV_LD 356241	25.66 1.20 0.00	22.97 1.26 0.00	20.55 1.13 0.00	20.06 1.14 0.00	21.84 1.08 0.00	22.56 1.09 0.00	24.07 1.15 0.00	23.13 1.08 0.00	22.23 1.16 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.37 1.18 0.00	20.14 1.25 0.00	21.29 1.30 0.00	23.05 1.30 0.00	27.50 1.41 0.00	34.44 1.61 0.00	40.83 1.76 0.00	43.21 1.90 0.00	37.82 1.59 0.00	31.27 1.23 0.00	26.24 1.03 0.00

CHESTROR_138KV_BK263 355645	25.24 0.78 0.00	22.54 0.83 0.00	20.14 0.72 0.00	19.66 0.74 0.00	21.46 0.71 0.00	22.15 0.69 0.00	23.66 0.73 0.00	22.67 0.62 0.00	21.72 0.65 0.00	19.95 0.64 0.00	20.43 0.67 0.00	19.69 0.65 0.00	19.84 0.69 0.00	18.88 0.69 0.00	19.61 0.72 0.00	20.75 0.76 0.00	22.51 0.76 0.00	26.92 0.83 0.00	33.75 0.92 0.00	40.09 1.02 0.00	42.47 1.16 0.00	37.20 0.98 0.00	30.76 0.72 0.00	25.83 0.63 0.00
CH_MIDHUDSON___DRP 24192	25.46 1.00 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.65 0.89 0.00	22.34 0.88 0.00	23.84 0.92 0.00	22.84 0.79 0.00	21.89 0.82 0.00	20.10 0.79 0.00	20.59 0.83 0.00	19.82 0.78 0.00	19.97 0.82 0.00	19.00 0.82 0.00	19.76 0.87 0.00	20.91 0.92 0.00	22.68 0.94 0.00	27.16 1.07 0.00	34.05 1.21 0.00	40.44 1.37 0.00	42.88 1.57 0.00	37.49 1.27 0.00	31.03 0.99 0.00	26.04 0.83 0.00
CH_MISC_IPPS 23765	25.56 1.10 0.00	22.82 1.11 0.00	20.39 0.97 0.00	19.89 0.96 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.95 0.90 0.00	21.98 0.91 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
CH_RES_BVR_FALLS 23983	24.26 -0.20 0.00	21.54 -0.17 0.00	19.27 -0.16 0.00	18.77 -0.15 0.00	20.63 -0.12 0.00	21.35 -0.11 0.00	22.81 -0.11 0.00	21.96 -0.09 0.00	20.99 -0.08 0.00	19.23 -0.08 0.00	19.66 -0.10 0.00	18.95 -0.09 0.00	19.03 -0.11 0.00	18.08 -0.11 0.00	18.76 -0.13 0.00	19.83 -0.16 0.00	21.62 -0.13 0.00	25.93 -0.16 0.00	32.67 -0.16 0.00	38.92 -0.16 0.00	41.15 -0.16 0.00	36.04 -0.18 0.00	29.89 -0.15 0.00	25.10 -0.10 0.00
CH_RES_NIAGARA 23895	22.16 -2.30 0.00	19.33 -2.39 0.00	17.52 -1.90 0.00	17.11 -1.82 0.00	18.47 -2.28 0.00	19.08 -2.38 0.00	20.10 -2.82 0.00	20.00 -2.05 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.60 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.97 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
CH_RES_SYRACUSE 23985	23.75 -0.71 0.00	21.02 -0.70 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.68 0.00	20.75 -0.71 0.00	22.19 -0.73 0.00	21.48 -0.57 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.27 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.13 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
CLINTON_WT_PWR 323605	24.70 0.24 0.00	21.85 0.13 0.00	19.50 0.08 0.00	18.96 0.04 0.00	20.94 0.19 0.00	21.65 0.19 0.00	23.13 0.21 0.00	22.32 0.27 0.00	21.32 0.25 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.96 0.08 0.00	19.99 0.00 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.29 0.46 0.00	39.70 0.62 0.00	42.01 0.70 0.00	36.80 0.58 0.00	30.52 0.48 0.00	25.56 0.35 0.00
CLINTON___LFGE 323618	25.02 0.56 0.00	22.15 0.43 0.00	19.75 0.33 0.00	19.21 0.28 0.00	21.21 0.46 0.00	21.93 0.47 0.00	23.43 0.50 0.00	22.62 0.57 0.00	21.62 0.55 0.00	19.79 0.48 0.00	20.17 0.42 0.00	19.39 0.34 0.00	19.45 0.31 0.00	18.46 0.27 0.00	19.19 0.30 0.00	20.23 0.24 0.00	22.18 0.43 0.00	26.71 0.63 0.00	33.81 0.98 0.00	40.36 1.29 0.00	42.72 1.41 0.00	37.42 1.19 0.00	31.00 0.96 0.00	25.91 0.70 0.00
COBBLENY_34_KV_TB1 80064	22.72 -1.74 0.00	19.85 -1.87 0.00	17.98 -1.44 0.00	17.58 -1.34 0.00	18.95 -1.81 0.00	19.57 -1.89 0.00	20.72 -2.20 0.00	20.53 -1.52 0.00	19.60 -1.47 0.00	17.82 -1.49 0.00	18.10 -1.66 0.00	17.56 -1.49 0.00	17.44 -1.70 0.00	16.53 -1.65 0.00	17.25 -1.64 0.00	18.19 -1.80 0.00	19.68 -2.07 0.00	23.58 -2.50 0.00	30.01 -2.82 0.00	36.10 -2.97 0.00	38.26 -3.06 0.00	33.62 -2.61 0.00	28.03 -2.01 0.00	24.12 -1.08 0.00
COFFEEN___115KV_TB3 355620	24.14 -0.32 0.00	21.28 -0.43 0.00	19.15 -0.27 0.00	18.62 -0.30 0.00	20.41 -0.35 0.00	21.20 -0.26 0.00	22.65 -0.28 0.00	21.83 -0.22 0.00	20.75 -0.32 0.00	18.87 -0.44 0.00	19.26 -0.49 0.00	18.51 -0.53 0.00	18.52 -0.63 0.00	17.49 -0.69 0.00	18.13 -0.76 0.00	19.17 -0.82 0.00	20.99 -0.76 0.00	25.46 -0.63 0.00	32.50 -0.33 0.00	39.15 0.08 0.00	41.73 0.41 0.00	36.40 0.18 0.00	30.16 0.12 0.00	25.26 0.05 0.00
COLDSPRG_115KV_BK1 355956	23.24 -1.22 0.00	20.37 -1.35 0.00	18.47 -0.95 0.00	18.05 -0.87 0.00	19.43 -1.33 0.00	20.11 -1.35 0.00	21.27 -1.65 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.31 -1.00 0.00	18.55 -1.21 0.00	17.98 -1.07 0.00	17.85 -1.30 0.00	16.88 -1.31 0.00	17.60 -1.28 0.00	18.55 -1.44 0.00	20.05 -1.70 0.00	24.05 -2.03 0.00	30.63 -2.20 0.00	37.00 -2.07 0.00	39.37 -1.94 0.00	34.56 -1.67 0.00	28.78 -1.26 0.00	24.75 -0.45 0.00
COLONIE_LFGE___ 323577	24.95 0.49 0.00	22.19 0.48 0.00	19.87 0.45 0.00	19.38 0.45 0.00	21.17 0.41 0.00	21.91 0.45 0.00	23.40 0.48 0.00	22.42 0.37 0.00	21.32 0.25 0.00	19.56 0.25 0.00	20.07 0.32 0.00	19.35 0.30 0.00	19.47 0.33 0.00	18.51 0.33 0.00	19.21 0.32 0.00	20.37 0.38 0.00	22.16 0.41 0.00	26.61 0.52 0.00	33.49 0.66 0.00	39.81 0.74 0.00	41.93 0.62 0.00	36.77 0.54 0.00	30.52 0.48 0.00	25.53 0.33 0.00
COOPERNY_115KV_TB1 80082	25.05 0.59 0.00	22.32 0.61 0.00	19.97 0.54 0.00	19.47 0.55 0.00	21.28 0.52 0.00	22.00 0.54 0.00	23.47 0.55 0.00	22.51 0.46 0.00	21.58 0.51 0.00	19.81 0.50 0.00	20.27 0.51 0.00	19.54 0.50 0.00	19.68 0.54 0.00	18.71 0.53 0.00	19.44 0.55 0.00	20.59 0.60 0.00	22.34 0.59 0.00	26.72 0.63 0.00	33.52 0.69 0.00	39.85 0.78 0.00	42.18 0.87 0.00	36.95 0.72 0.00	30.58 0.54 0.00	25.68 0.48 0.00
COPENHAGEN_WT_PWR 323753	24.02 -0.44 0.00	21.19 -0.52 0.00	19.05 -0.37 0.00	18.53 -0.40 0.00	20.30 -0.46 0.00	21.08 -0.39 0.00	22.51 -0.41 0.00	21.70 -0.35 0.00	20.69 -0.38 0.00	18.83 -0.48 0.00	19.23 -0.53 0.00	18.49 -0.55 0.00	18.50 -0.65 0.00	17.49 -0.69 0.00	18.13 -0.76 0.00	19.17 -0.82 0.00	20.97 -0.78 0.00	25.39 -0.70 0.00	32.34 -0.49 0.00	38.84 -0.23 0.00	41.35 0.04 0.00	36.12 -0.11 0.00	29.95 -0.09 0.00	25.08 -0.13 0.00
CORNELL_____ 23752	24.31 -0.15 0.00	21.52 -0.20 0.00	19.33 -0.10 0.00	18.85 -0.08 0.00	20.53 -0.23 0.00	21.27 -0.19 0.00	22.72 -0.21 0.00	22.01 -0.04 0.00	21.03 -0.04 0.00	19.19 -0.12 0.00	19.58 -0.18 0.00	18.85 -0.19 0.00	18.92 -0.23 0.00	17.93 -0.25 0.00	18.62 -0.26 0.00	19.75 -0.24 0.00	21.49 -0.26 0.00	25.93 -0.16 0.00	32.77 -0.07 0.00	39.19 0.12 0.00	41.52 0.21 0.00	36.40 0.18 0.00	30.13 0.09 0.00	25.31 0.10 0.00

CORONA__69_KV_TB1 355595	26.02 1.54 -0.02	54.46 1.59 -31.16	30.90 1.46 -10.02	30.75 1.46 -10.37	31.27 1.45 -9.06	30.58 1.48 -7.64	31.13 1.56 -6.65	30.76 1.46 -7.25	30.44 1.50 -7.87	30.85 1.41 -10.13	31.98 1.44 -10.78	31.76 1.37 -11.34	31.82 1.44 -11.23	56.69 1.38 -37.13	57.55 1.44 -37.23	70.20 1.46 -48.75	64.70 1.46 -41.49	73.14 1.62 -45.43	80.95 1.94 -46.18	81.75 2.23 -40.45	90.11 2.31 -46.48	82.57 1.96 -44.39	68.24 1.56 -36.64	65.65 1.34 -39.11
CORTLAND__115KV_TB3 80093	24.21 -0.24 0.00	21.43 -0.28 0.00	19.23 -0.19 0.00	18.77 -0.15 0.00	20.47 -0.29 0.00	21.18 -0.28 0.00	22.62 -0.30 0.00	21.87 -0.18 0.00	20.92 -0.15 0.00	19.14 -0.17 0.00	19.54 -0.22 0.00	18.83 -0.21 0.00	18.90 -0.25 0.00	17.93 -0.25 0.00	18.62 -0.26 0.00	19.75 -0.24 0.00	21.44 -0.30 0.00	25.80 -0.29 0.00	32.57 -0.26 0.00	38.84 -0.23 0.00	41.15 -0.17 0.00	36.11 -0.11 0.00	29.89 -0.15 0.00	25.10 -0.10 0.00
COXSACKIE__GT 23611	25.46 1.00 0.00	22.65 0.93 0.00	20.20 0.78 0.00	19.72 0.79 0.00	21.59 0.83 0.00	22.36 0.90 0.00	23.82 0.89 0.00	22.76 0.71 0.00	21.58 0.50 0.00	19.62 0.31 0.00	20.09 0.34 0.00	19.33 0.29 0.00	19.42 0.27 0.00	18.42 0.24 0.00	19.15 0.26 0.00	20.33 0.34 0.00	22.14 0.39 0.00	26.79 0.70 0.00	33.85 1.02 0.00	40.29 1.21 0.00	42.97 1.65 0.00	37.46 1.23 0.00	31.06 1.02 0.00	26.14 0.93 0.00
CPV_VALLEY__CC1 323721	25.07 0.61 0.00	22.39 0.67 0.00	20.00 0.58 0.00	19.53 0.61 0.00	21.32 0.56 0.00	22.02 0.56 0.00	23.50 0.57 0.00	22.56 0.51 0.00	21.60 0.53 0.00	19.83 0.52 0.00	20.31 0.55 0.00	19.58 0.53 0.00	19.72 0.57 0.00	18.75 0.56 0.00	19.49 0.60 0.00	20.63 0.64 0.00	22.38 0.63 0.00	26.77 0.68 0.00	33.52 0.69 0.00	39.81 0.74 0.00	42.18 0.87 0.00	36.95 0.72 0.00	30.58 0.54 0.00	25.66 0.45 0.00
CPV_VALLEY__CC2 323722	25.07 0.61 0.00	22.39 0.67 0.00	20.00 0.58 0.00	19.53 0.61 0.00	21.32 0.56 0.00	22.02 0.56 0.00	23.50 0.57 0.00	22.56 0.51 0.00	21.60 0.53 0.00	19.83 0.52 0.00	20.31 0.55 0.00	19.58 0.53 0.00	19.72 0.57 0.00	18.75 0.56 0.00	19.49 0.60 0.00	20.63 0.64 0.00	22.38 0.63 0.00	26.77 0.68 0.00	33.52 0.69 0.00	39.81 0.74 0.00	42.18 0.87 0.00	36.95 0.72 0.00	30.58 0.54 0.00	25.66 0.45 0.00
CRESCENT__HYD 24018	24.95 0.49 0.00	22.19 0.48 0.00	19.87 0.45 0.00	19.38 0.45 0.00	21.17 0.41 0.00	21.91 0.45 0.00	23.40 0.48 0.00	22.42 0.37 0.00	21.32 0.25 0.00	19.56 0.25 0.00	20.07 0.32 0.00	19.35 0.30 0.00	19.47 0.33 0.00	18.51 0.33 0.00	19.21 0.32 0.00	20.37 0.38 0.00	22.16 0.41 0.00	26.61 0.52 0.00	33.49 0.66 0.00	39.81 0.74 0.00	41.93 0.62 0.00	36.77 0.54 0.00	30.52 0.48 0.00	25.53 0.33 0.00
CRICKET__VALLEY_CC1 323756	25.29 0.83 0.00	22.61 0.89 0.00	20.20 0.78 0.00	19.72 0.79 0.00	21.53 0.77 0.00	22.21 0.75 0.00	23.72 0.80 0.00	22.73 0.68 0.00	21.76 0.69 0.00	20.00 0.69 0.00	20.49 0.73 0.00	19.75 0.71 0.00	19.89 0.75 0.00	18.95 0.76 0.00	19.66 0.77 0.00	20.83 0.84 0.00	22.58 0.83 0.00	27.00 0.91 0.00	33.85 1.02 0.00	40.17 1.09 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.82 0.78 0.00	25.83 0.63 0.00
CRICKET__VALLEY_CC2 323757	25.29 0.83 0.00	22.61 0.89 0.00	20.20 0.78 0.00	19.72 0.79 0.00	21.53 0.77 0.00	22.21 0.75 0.00	23.72 0.80 0.00	22.73 0.68 0.00	21.76 0.69 0.00	20.00 0.69 0.00	20.49 0.73 0.00	19.75 0.71 0.00	19.89 0.75 0.00	18.95 0.76 0.00	19.66 0.77 0.00	20.83 0.84 0.00	22.58 0.83 0.00	27.00 0.91 0.00	33.85 1.02 0.00	40.17 1.09 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.82 0.78 0.00	25.83 0.63 0.00
CRICKET__VALLEY_CC3 323758	25.29 0.83 0.00	22.61 0.89 0.00	20.20 0.78 0.00	19.72 0.79 0.00	21.53 0.77 0.00	22.21 0.75 0.00	23.72 0.80 0.00	22.73 0.68 0.00	21.76 0.69 0.00	20.00 0.69 0.00	20.49 0.73 0.00	19.75 0.71 0.00	19.89 0.75 0.00	18.95 0.76 0.00	19.66 0.77 0.00	20.83 0.84 0.00	22.58 0.83 0.00	27.00 0.91 0.00	33.85 1.02 0.00	40.17 1.09 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.82 0.78 0.00	25.83 0.63 0.00
CRUCIBLE__METL_DRP 24180	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.14 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
DAHOWA__HYDRO 323763	25.24 0.78 0.00	22.43 0.72 0.00	20.10 0.68 0.00	19.60 0.68 0.00	21.40 0.64 0.00	22.21 0.75 0.00	23.61 0.69 0.00	22.60 0.55 0.00	21.49 0.42 0.00	19.64 0.33 0.00	20.13 0.37 0.00	19.39 0.34 0.00	19.49 0.35 0.00	18.51 0.33 0.00	19.23 0.34 0.00	20.43 0.44 0.00	22.27 0.52 0.00	26.77 0.68 0.00	33.81 0.98 0.00	40.24 1.17 0.00	42.55 1.24 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.86 0.65 0.00
DANC__LFGE 323619	23.82 -0.64 0.00	21.04 -0.67 0.00	18.90 -0.52 0.00	18.41 -0.51 0.00	20.16 -0.60 0.00	20.86 -0.60 0.00	22.28 -0.64 0.00	21.50 -0.55 0.00	20.52 -0.55 0.00	18.73 -0.58 0.00	19.15 -0.61 0.00	18.43 -0.61 0.00	18.48 -0.67 0.00	17.49 -0.69 0.00	18.15 -0.74 0.00	19.19 -0.80 0.00	20.92 -0.83 0.00	25.25 -0.84 0.00	32.04 -0.79 0.00	38.37 -0.70 0.00	40.82 -0.49 0.00	35.75 -0.47 0.00	29.62 -0.42 0.00	24.83 -0.38 0.00
DANSKAMMER__1 23586	25.56 1.10 0.00	22.82 1.11 0.00	20.39 0.97 0.00	19.89 0.96 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.95 0.90 0.00	21.98 0.91 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
DANSKAMMER__2 23589	25.56 1.10 0.00	22.82 1.11 0.00	20.39 0.97 0.00	19.89 0.96 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.95 0.90 0.00	21.98 0.91 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
DANSKAMMER__3 23590	25.56 1.10 0.00	22.82 1.11 0.00	20.39 0.97 0.00	19.89 0.96 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.95 0.90 0.00	21.98 0.91 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00

DANSKAMMER___4 23591	25.56 1.10 0.00	22.82 1.11 0.00	20.39 0.97 0.00	19.89 0.96 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.95 0.90 0.00	21.98 0.91 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
DANSKAMMER___DIESEL 23592	25.56 1.10 0.00	22.82 1.11 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.93 0.88 0.00	21.98 0.91 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.01 0.86 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
DARBY___SOLAR 323810	25.19 0.73 0.00	22.41 0.69 0.00	20.06 0.64 0.00	19.57 0.64 0.00	21.36 0.60 0.00	22.15 0.69 0.00	23.59 0.67 0.00	22.56 0.51 0.00	21.45 0.38 0.00	19.62 0.31 0.00	20.11 0.36 0.00	19.37 0.32 0.00	19.47 0.33 0.00	18.49 0.31 0.00	19.21 0.32 0.00	20.41 0.42 0.00	22.25 0.50 0.00	26.74 0.65 0.00	33.75 0.92 0.00	40.21 1.13 0.00	42.47 1.16 0.00	37.20 0.98 0.00	30.85 0.81 0.00	25.81 0.60 0.00
DASHVILLE___HYD 23610	25.61 1.15 0.00	22.89 1.17 0.00	20.41 0.99 0.00	19.95 1.02 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.95 1.03 0.00	22.93 0.88 0.00	21.98 0.91 0.00	20.16 0.85 0.00	20.65 0.89 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.14 1.31 0.00	40.56 1.48 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.19 0.98 0.00
DELAWARE___LFGE 323621	24.75 0.29 0.00	22.00 0.28 0.00	19.71 0.29 0.00	19.23 0.30 0.00	21.03 0.27 0.00	21.76 0.30 0.00	23.22 0.30 0.00	22.31 0.26 0.00	21.34 0.27 0.00	19.56 0.25 0.00	20.02 0.26 0.00	19.29 0.25 0.00	19.40 0.25 0.00	18.42 0.24 0.00	19.13 0.25 0.00	20.27 0.28 0.00	22.03 0.28 0.00	26.40 0.31 0.00	33.26 0.43 0.00	39.58 0.51 0.00	41.93 0.62 0.00	36.69 0.47 0.00	30.43 0.39 0.00	25.56 0.35 0.00
DERFIELD_115KV_TB7 355931	24.39 -0.07 0.00	21.67 -0.04 0.00	19.40 -0.02 0.00	18.91 -0.02 0.00	20.72 -0.04 0.00	21.42 -0.04 0.00	22.88 -0.05 0.00	22.01 -0.04 0.00	21.01 -0.06 0.00	19.25 -0.06 0.00	19.72 -0.04 0.00	19.01 -0.04 0.00	19.11 -0.04 0.00	18.15 -0.04 0.00	18.85 -0.04 0.00	19.95 -0.04 0.00	21.71 -0.04 0.00	26.04 -0.05 0.00	32.77 -0.07 0.00	38.99 -0.08 0.00	41.23 -0.08 0.00	36.11 -0.11 0.00	29.95 -0.09 0.00	25.13 -0.08 0.00
DOGLEVILLE___HYD 23807	24.56 0.10 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.09 0.00	20.86 0.10 0.00	21.59 0.13 0.00	23.06 0.14 0.00	22.18 0.13 0.00	21.20 0.13 0.00	19.41 0.10 0.00	19.86 0.10 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.93 0.04 0.00	20.07 0.08 0.00	21.79 0.04 0.00	26.17 0.08 0.00	32.96 0.13 0.00	39.31 0.23 0.00	41.60 0.29 0.00	36.51 0.29 0.00	30.28 0.24 0.00	25.46 0.25 0.00
DUNKIRK___115KV_TB_200 55889	22.94 -1.52 0.00	20.06 -1.65 0.00	18.20 -1.22 0.00	17.79 -1.14 0.00	19.18 -1.58 0.00	19.83 -1.63 0.00	21.00 -1.93 0.00	20.79 -1.26 0.00	19.85 -1.22 0.00	18.05 -1.26 0.00	18.34 -1.42 0.00	17.77 -1.28 0.00	17.65 -1.49 0.00	16.71 -1.47 0.00	17.42 -1.47 0.00	18.37 -1.62 0.00	19.88 -1.87 0.00	23.79 -2.30 0.00	30.30 -2.53 0.00	36.53 -2.54 0.00	38.75 -2.56 0.00	34.05 -2.17 0.00	28.39 -1.65 0.00	24.42 -0.78 0.00
DUNKIRK___1 23563	22.94 -1.52 0.00	20.06 -1.65 0.00	18.20 -1.22 0.00	17.79 -1.14 0.00	19.18 -1.58 0.00	19.83 -1.63 0.00	21.00 -1.93 0.00	20.79 -1.26 0.00	19.85 -1.22 0.00	18.05 -1.26 0.00	18.34 -1.42 0.00	17.77 -1.28 0.00	17.65 -1.49 0.00	16.71 -1.47 0.00	17.42 -1.47 0.00	18.37 -1.62 0.00	19.88 -1.87 0.00	23.79 -2.30 0.00	30.30 -2.53 0.00	36.53 -2.54 0.00	38.75 -2.56 0.00	34.05 -2.17 0.00	28.39 -1.65 0.00	24.42 -0.78 0.00
DUNKIRK___2 23564	22.94 -1.52 0.00	20.06 -1.65 0.00	18.20 -1.22 0.00	17.79 -1.14 0.00	19.18 -1.58 0.00	19.83 -1.63 0.00	21.00 -1.93 0.00	20.79 -1.26 0.00	19.85 -1.22 0.00	18.05 -1.26 0.00	18.34 -1.42 0.00	17.77 -1.28 0.00	17.65 -1.49 0.00	16.71 -1.47 0.00	17.42 -1.47 0.00	18.37 -1.62 0.00	19.88 -1.87 0.00	23.79 -2.30 0.00	30.30 -2.53 0.00	36.53 -2.54 0.00	38.75 -2.56 0.00	34.05 -2.17 0.00	28.39 -1.65 0.00	24.42 -0.78 0.00
DUNKIRK___3 23565	22.87 -1.59 0.00	20.00 -1.72 0.00	18.12 -1.30 0.00	17.71 -1.21 0.00	19.12 -1.64 0.00	19.77 -1.70 0.00	20.93 -1.99 0.00	20.70 -1.35 0.00	19.76 -1.31 0.00	17.98 -1.33 0.00	18.26 -1.50 0.00	17.71 -1.33 0.00	17.60 -1.55 0.00	16.68 -1.51 0.00	17.38 -1.51 0.00	18.33 -1.66 0.00	19.83 -1.91 0.00	23.74 -2.35 0.00	30.20 -2.63 0.00	36.38 -2.70 0.00	38.59 -2.73 0.00	33.91 -2.32 0.00	28.24 -1.80 0.00	24.27 -0.93 0.00
DUNKIRK___4 23566	22.87 -1.59 0.00	20.00 -1.72 0.00	18.12 -1.30 0.00	17.71 -1.21 0.00	19.12 -1.64 0.00	19.77 -1.70 0.00	20.93 -1.99 0.00	20.70 -1.35 0.00	19.76 -1.31 0.00	17.98 -1.33 0.00	18.26 -1.50 0.00	17.71 -1.33 0.00	17.60 -1.55 0.00	16.68 -1.51 0.00	17.38 -1.51 0.00	18.33 -1.66 0.00	19.83 -1.91 0.00	23.74 -2.35 0.00	30.20 -2.63 0.00	36.38 -2.70 0.00	38.59 -2.73 0.00	33.91 -2.32 0.00	28.24 -1.80 0.00	24.27 -0.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.53 1.08 0.00	22.84 1.13 0.00	20.43 1.01 0.00	19.95 1.02 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.95 1.03 0.00	22.98 0.93 0.00	22.06 0.99 0.00	20.29 0.98 0.00	20.79 1.03 0.00	20.01 0.97 0.00	20.18 1.03 0.00	19.22 1.04 0.00	19.97 1.08 0.00	21.13 1.14 0.00	22.90 1.15 0.00	27.32 1.23 0.00	34.24 1.41 0.00	40.64 1.56 0.00	43.01 1.69 0.00	37.64 1.41 0.00	31.18 1.14 0.00	26.11 0.91 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.41 0.95 0.00	22.69 0.98 0.00	20.28 0.85 0.00	19.78 0.85 0.00	21.59 0.83 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.80 0.75 0.00	21.85 0.78 0.00	20.06 0.75 0.00	20.55 0.79 0.00	19.79 0.74 0.00	19.93 0.79 0.00	18.97 0.78 0.00	19.70 0.81 0.00	20.87 0.88 0.00	22.64 0.89 0.00	27.08 0.99 0.00	33.95 1.12 0.00	40.32 1.25 0.00	42.80 1.49 0.00	37.42 1.20 0.00	30.97 0.93 0.00	25.99 0.78 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.51 1.05 0.00	22.87 1.15 0.00	20.45 1.03 0.00	20.02 1.10 0.00	21.71 0.95 0.00	22.36 0.90 0.00	23.89 0.96 0.00	22.98 0.93 0.00	22.10 1.03 0.00	20.37 1.06 0.00	20.87 1.11 0.00	20.13 1.09 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.15 1.16 0.00	22.88 1.13 0.00	27.26 1.17 0.00	34.05 1.21 0.00	40.40 1.33 0.00	42.55 1.24 0.00	37.35 1.12 0.00	30.88 0.84 0.00	25.94 0.73 0.00

E179THST_13_KV_LOAD 356214	25.58 1.13 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.78 1.02 0.00	22.43 0.97 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.37 1.23 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.72 1.40 0.00	37.49 1.27 0.00	31.00 0.96 0.00	26.04 0.83 0.00
EAST HAMPTON___GT 23717	26.13 1.66 -0.01	25.21 1.58 -1.91	21.51 1.44 -0.65	21.03 1.44 -0.67	22.77 1.43 -0.58	23.33 1.42 -0.45	24.78 1.47 -0.39	23.78 1.30 -0.43	22.84 1.31 -0.47	21.26 1.29 -0.65	21.58 1.13 -0.70	20.88 1.10 -0.73	21.10 1.23 -0.73	21.65 1.18 -2.28	22.35 1.17 -2.29	24.31 1.46 -2.86	25.86 1.59 -2.52	30.47 1.96 -2.42	38.18 2.49 -2.85	44.78 3.20 -2.50	47.82 3.64 -2.87	42.19 3.22 -2.74	34.53 2.58 -1.91	29.66 2.19 -2.26
EAST RIVER___6 23660	25.58 1.13 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.77 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.13 1.08 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.73 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.14 0.93 0.00
EAST RIVER___7 23524	25.58 1.13 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.77 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.13 1.08 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.73 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.14 0.93 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.49 1.03 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.69 0.93 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.91 0.86 0.00	22.00 0.93 0.00	20.24 0.93 0.00	20.71 0.95 0.00	19.96 0.91 0.00	20.12 0.98 0.00	19.15 0.96 0.00	19.89 1.00 0.00	21.07 1.08 0.00	22.84 1.09 0.00	27.26 1.17 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.06 0.86 0.00
EAST_HAMPTON___DIESEL 23722	26.08 1.61 -0.01	25.17 1.54 -1.91	21.47 1.40 -0.65	20.97 1.38 -0.67	22.73 1.39 -0.58	23.29 1.37 -0.45	24.74 1.42 -0.39	23.74 1.26 -0.43	22.80 1.26 -0.47	21.22 1.25 -0.65	21.52 1.07 -0.70	20.84 1.07 -0.73	21.06 1.19 -0.73	21.61 1.15 -2.28	22.31 1.13 -2.29	24.25 1.40 -2.86	25.82 1.54 -2.52	30.42 1.90 -2.42	38.11 2.43 -2.85	44.70 3.13 -2.50	47.74 3.55 -2.87	42.15 3.19 -2.74	34.50 2.55 -1.91	29.63 2.17 -2.26
EAST_POINT___SOLAR 323840	25.49 1.03 0.00	22.63 0.91 0.00	20.28 0.85 0.00	19.74 0.81 0.00	21.57 0.81 0.00	22.38 0.92 0.00	23.68 0.76 0.00	22.49 0.44 0.00	21.22 0.15 0.00	19.43 0.12 0.00	19.82 0.06 0.00	18.99 -0.06 0.00	19.01 -0.13 0.00	18.06 -0.13 0.00	18.87 -0.02 0.00	20.03 0.04 0.00	21.90 0.15 0.00	26.43 0.34 0.00	33.78 0.95 0.00	40.75 1.68 0.00	43.46 2.15 0.00	38.00 1.77 0.00	31.48 1.44 0.00	26.31 1.11 0.00
EAST_PULASKI___ESR 323781	23.65 -0.81 0.00	20.91 -0.80 0.00	18.76 -0.66 0.00	18.30 -0.62 0.00	19.99 -0.77 0.00	20.67 -0.79 0.00	22.07 -0.85 0.00	21.34 -0.71 0.00	20.40 -0.68 0.00	18.63 -0.68 0.00	19.07 -0.69 0.00	18.40 -0.65 0.00	18.46 -0.69 0.00	17.49 -0.69 0.00	18.17 -0.72 0.00	19.21 -0.78 0.00	20.88 -0.87 0.00	25.18 -0.91 0.00	31.78 -1.05 0.00	37.94 -1.13 0.00	40.28 -1.03 0.00	35.35 -0.87 0.00	29.29 -0.75 0.00	24.58 -0.63 0.00
EAST_RIVER___1 323558	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.17 1.09 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.13 1.08 0.00	20.30 1.15 0.00	19.33 1.15 0.00	20.08 1.19 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.34 1.51 0.00	40.75 1.68 0.00	43.09 1.78 0.00	37.74 1.52 0.00	31.21 1.17 0.00	26.16 0.96 0.00
EAST_RIVER___2 323559	25.58 1.13 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.77 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.13 1.08 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.73 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.14 0.93 0.00
EAST___DELAWARE_HYD 23607	25.61 1.15 0.00	22.86 1.15 0.00	20.41 0.99 0.00	19.91 0.98 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.98 1.06 0.00	23.00 0.95 0.00	22.00 0.93 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.84 0.80 0.00	19.99 0.84 0.00	19.00 0.82 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.68 0.93 0.00	27.21 1.12 0.00	34.18 1.35 0.00	40.68 1.60 0.00	43.25 1.94 0.00	37.78 1.56 0.00	31.21 1.17 0.00	26.24 1.03 0.00
EIGHT_POINT___WT_PWR 323820	23.11 -1.35 0.00	20.32 -1.39 0.00	18.32 -1.11 0.00	17.94 -0.98 0.00	19.43 -1.33 0.00	20.13 -1.33 0.00	21.43 -1.49 0.00	20.90 -1.15 0.00	20.04 -1.03 0.00	18.23 -1.08 0.00	18.53 -1.23 0.00	17.88 -1.16 0.00	17.86 -1.28 0.00	16.93 -1.25 0.00	17.64 -1.25 0.00	18.67 -1.32 0.00	20.18 -1.57 0.00	24.34 -1.75 0.00	31.03 -1.81 0.00	37.43 -1.64 0.00	39.74 -1.57 0.00	34.99 -1.23 0.00	29.02 -1.02 0.00	24.67 -0.53 0.00
ELBRIDGE_115KV_TB2 80188	23.55 -0.90 0.00	20.85 -0.87 0.00	18.68 -0.74 0.00	18.24 -0.68 0.00	19.89 -0.87 0.00	20.58 -0.88 0.00	22.01 -0.92 0.00	21.32 -0.73 0.00	20.40 -0.67 0.00	18.65 -0.66 0.00	19.07 -0.69 0.00	18.40 -0.65 0.00	18.48 -0.67 0.00	17.53 -0.65 0.00	18.21 -0.68 0.00	19.31 -0.68 0.00	20.94 -0.80 0.00	25.20 -0.89 0.00	31.71 -1.12 0.00	37.78 -1.29 0.00	39.99 -1.32 0.00	35.14 -1.09 0.00	29.11 -0.93 0.00	24.45 -0.76 0.00
ELEC_TRO_TEK 24086	25.87 1.39 -0.02	39.34 1.45 -16.17	26.13 1.34 -5.37	25.84 1.36 -5.56	26.96 1.35 -4.85	26.46 1.35 -3.64	27.52 1.42 -3.17	26.83 1.32 -3.46	26.20 1.37 -3.76	26.05 1.31 -5.43	26.88 1.34 -5.78	26.40 1.28 -6.08	26.49 1.32 -6.02	38.74 1.29 -19.27	39.53 1.32 -19.32	46.58 1.38 -25.21	44.64 1.37 -21.52	50.92 1.49 -23.35	58.58 1.77 -23.98	62.11 2.03 -21.00	67.56 2.11 -24.14	61.05 1.77 -23.05	50.25 1.41 -18.80	46.63 1.21 -20.21
ELLENBURG_WT_PWR 323604	24.70 0.24 0.00	21.85 0.13 0.00	19.50 0.08 0.00	18.96 0.04 0.00	20.94 0.19 0.00	21.65 0.19 0.00	23.13 0.21 0.00	22.32 0.27 0.00	21.32 0.25 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.96 0.08 0.00	19.99 0.00 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.29 0.46 0.00	39.70 0.62 0.00	42.01 0.70 0.00	36.80 0.58 0.00	30.52 0.48 0.00	25.56 0.35 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.58 -1.88 0.00	19.72 -2.00 0.00	17.87 -1.55 0.00	17.47 -1.46 0.00	18.83 -1.93 0.00	19.47 -2.00 0.00	20.61 -2.32 0.00	20.44 -1.61 0.00	19.49 -1.58 0.00	17.71 -1.60 0.00	18.00 -1.76 0.00	17.46 -1.58 0.00	17.37 -1.78 0.00	16.46 -1.73 0.00	17.15 -1.74 0.00	18.11 -1.88 0.00	19.60 -2.15 0.00	23.48 -2.61 0.00	29.84 -2.99 0.00	35.83 -3.24 0.00	37.97 -3.35 0.00	33.36 -2.86 0.00	27.85 -2.19 0.00	23.94 -1.26 0.00
EMPIRE_CC_1 323656	24.70 0.24 0.00	22.02 0.30 0.00	19.71 0.29 0.00	19.23 0.30 0.00	21.03 0.27 0.00	21.74 0.28 0.00	23.22 0.30 0.00	22.25 0.20 0.00	21.16 0.08 0.00	19.43 0.12 0.00	19.94 0.18 0.00	19.23 0.19 0.00	19.36 0.21 0.00	18.40 0.22 0.00	19.12 0.23 0.00	20.25 0.26 0.00	22.01 0.26 0.00	26.32 0.23 0.00	33.06 0.23 0.00	39.27 0.20 0.00	41.31 0.00 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.23 0.03 0.00
EMPIRE_CC_2 323658	24.70 0.24 0.00	22.02 0.30 0.00	19.71 0.29 0.00	19.23 0.30 0.00	21.03 0.27 0.00	21.74 0.28 0.00	23.22 0.30 0.00	22.25 0.20 0.00	21.16 0.08 0.00	19.43 0.12 0.00	19.94 0.18 0.00	19.23 0.19 0.00	19.36 0.21 0.00	18.40 0.22 0.00	19.12 0.23 0.00	20.25 0.26 0.00	22.01 0.26 0.00	26.32 0.23 0.00	33.06 0.23 0.00	39.27 0.20 0.00	41.31 0.00 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.23 0.03 0.00
ENORWICH_115KV_TB1 80156	25.24 0.78 0.00	22.30 0.59 0.00	20.08 0.66 0.00	19.55 0.62 0.00	21.32 0.56 0.00	22.17 0.71 0.00	23.63 0.71 0.00	22.87 0.82 0.00	21.85 0.78 0.00	19.87 0.56 0.00	20.25 0.49 0.00	19.46 0.42 0.00	19.53 0.38 0.00	18.46 0.27 0.00	19.13 0.25 0.00	20.33 0.34 0.00	22.23 0.48 0.00	26.85 0.76 0.00	34.14 1.31 0.00	40.95 1.88 0.00	43.54 2.23 0.00	38.00 1.77 0.00	31.48 1.44 0.00	26.44 1.24 0.00
ERIE_ST__34_KV_TB1-2 80199	22.80 -1.66 0.00	19.91 -1.80 0.00	18.04 -1.38 0.00	17.64 -1.29 0.00	19.01 -1.74 0.00	19.66 -1.80 0.00	20.79 -2.13 0.00	20.57 -1.48 0.00	19.64 -1.43 0.00	17.86 -1.45 0.00	18.14 -1.62 0.00	17.60 -1.45 0.00	17.50 -1.65 0.00	16.58 -1.60 0.00	17.28 -1.61 0.00	18.25 -1.74 0.00	19.75 -2.00 0.00	23.66 -2.43 0.00	30.07 -2.76 0.00	36.18 -2.89 0.00	38.38 -2.93 0.00	33.72 -2.50 0.00	28.09 -1.95 0.00	24.15 -1.06 0.00
ERIE_WT_PWR 323693	22.67 -1.78 0.00	19.80 -1.91 0.00	17.91 -1.51 0.00	17.54 -1.38 0.00	18.93 -1.83 0.00	19.51 -1.95 0.00	20.68 -2.25 0.00	20.37 -1.68 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.42 -1.72 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.19 -1.80 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00
ESPRGFLD_115KV_TB1 80157	25.02 0.56 0.00	22.19 0.48 0.00	19.91 0.49 0.00	19.40 0.47 0.00	21.21 0.46 0.00	21.98 0.52 0.00	23.38 0.46 0.00	22.45 0.40 0.00	21.41 0.34 0.00	19.58 0.27 0.00	20.02 0.26 0.00	19.25 0.21 0.00	19.36 0.21 0.00	18.35 0.16 0.00	19.08 0.19 0.00	20.23 0.24 0.00	22.05 0.30 0.00	26.53 0.44 0.00	33.59 0.76 0.00	40.17 1.09 0.00	42.68 1.36 0.00	37.35 1.12 0.00	30.91 0.87 0.00	25.91 0.71 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.29 -0.17 0.00	21.48 -0.24 0.00	19.29 -0.14 0.00	18.83 -0.09 0.00	20.51 -0.25 0.00	21.25 -0.21 0.00	22.69 -0.23 0.00	21.98 -0.07 0.00	21.01 -0.06 0.00	19.17 -0.14 0.00	19.58 -0.18 0.00	18.83 -0.21 0.00	18.90 -0.25 0.00	17.91 -0.27 0.00	18.62 -0.26 0.00	19.75 -0.24 0.00	21.47 -0.28 0.00	25.88 -0.21 0.00	32.73 -0.10 0.00	39.11 0.04 0.00	41.44 0.12 0.00	36.33 0.11 0.00	30.07 0.03 0.00	25.26 0.05 0.00
ETNA____115KV_TB2 80207	24.29 -0.17 0.00	21.48 -0.24 0.00	19.29 -0.14 0.00	18.83 -0.09 0.00	20.51 -0.25 0.00	21.25 -0.21 0.00	22.69 -0.23 0.00	21.98 -0.07 0.00	21.01 -0.06 0.00	19.17 -0.14 0.00	19.58 -0.18 0.00	18.83 -0.21 0.00	18.90 -0.25 0.00	17.91 -0.27 0.00	18.62 -0.26 0.00	19.75 -0.24 0.00	21.47 -0.28 0.00	25.88 -0.21 0.00	32.73 -0.10 0.00	39.11 0.04 0.00	41.44 0.12 0.00	36.33 0.11 0.00	30.07 0.03 0.00	25.26 0.05 0.00
EUCLID____115KV_TB2 356179	23.70 -0.76 0.00	20.98 -0.74 0.00	18.80 -0.62 0.00	18.36 -0.57 0.00	20.01 -0.75 0.00	20.71 -0.75 0.00	22.12 -0.80 0.00	21.43 -0.62 0.00	20.48 -0.59 0.00	18.75 -0.56 0.00	19.19 -0.57 0.00	18.49 -0.55 0.00	18.57 -0.57 0.00	17.64 -0.55 0.00	18.32 -0.57 0.00	19.41 -0.58 0.00	21.07 -0.67 0.00	25.33 -0.76 0.00	31.88 -0.95 0.00	37.94 -1.13 0.00	40.16 -1.16 0.00	35.28 -0.94 0.00	29.26 -0.78 0.00	24.57 -0.63 0.00
E_CANADA_CAP_HY 24051	25.17 0.71 0.00	22.34 0.63 0.00	20.02 0.60 0.00	19.51 0.59 0.00	21.32 0.56 0.00	22.08 0.62 0.00	23.45 0.53 0.00	22.40 0.35 0.00	21.26 0.19 0.00	19.45 0.14 0.00	19.86 0.10 0.00	19.12 0.08 0.00	19.21 0.06 0.00	18.22 0.04 0.00	18.96 0.08 0.00	20.13 0.14 0.00	21.94 0.20 0.00	26.48 0.39 0.00	33.62 0.79 0.00	40.29 1.21 0.00	42.84 1.53 0.00	37.49 1.27 0.00	31.06 1.02 0.00	25.99 0.78 0.00
E_CANADA_MHWK_HY 24050	24.56 0.10 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.10 0.00	20.86 0.10 0.00	21.59 0.13 0.00	23.06 0.14 0.00	22.18 0.13 0.00	21.20 0.13 0.00	19.41 0.10 0.00	19.86 0.10 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.93 0.04 0.00	20.07 0.08 0.00	21.79 0.04 0.00	26.17 0.08 0.00	32.96 0.13 0.00	39.31 0.24 0.00	41.60 0.29 0.00	36.51 0.29 0.00	30.28 0.24 0.00	25.46 0.25 0.00
E_FISHKILL__LBMP 23776	25.36 0.90 0.00	22.65 0.93 0.00	20.26 0.84 0.00	19.76 0.83 0.00	21.57 0.81 0.00	22.28 0.82 0.00	23.77 0.85 0.00	22.78 0.73 0.00	21.85 0.78 0.00	20.08 0.77 0.00	20.57 0.81 0.00	19.82 0.78 0.00	19.97 0.82 0.00	19.00 0.82 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.66 0.91 0.00	27.08 0.99 0.00	33.95 1.12 0.00	40.32 1.25 0.00	42.63 1.32 0.00	37.35 1.12 0.00	30.94 0.90 0.00	25.94 0.73 0.00
FALCON__SEABRD_CC1 323796	24.97 0.51 0.00	22.08 0.37 0.00	19.71 0.29 0.00	19.17 0.25 0.00	21.17 0.41 0.00	21.89 0.43 0.00	23.38 0.46 0.00	22.56 0.51 0.00	21.58 0.50 0.00	19.73 0.42 0.00	20.13 0.37 0.00	19.35 0.30 0.00	19.44 0.29 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.21 0.22 0.00	22.14 0.39 0.00	26.64 0.55 0.00	33.68 0.85 0.00	40.21 1.13 0.00	42.51 1.20 0.00	37.27 1.05 0.00	30.88 0.84 0.00	25.83 0.63 0.00
FALCON__SEABRD_CC2 323797	24.97 0.51 0.00	22.08 0.37 0.00	19.71 0.29 0.00	19.17 0.25 0.00	21.17 0.41 0.00	21.89 0.43 0.00	23.38 0.46 0.00	22.56 0.51 0.00	21.58 0.50 0.00	19.73 0.42 0.00	20.13 0.37 0.00	19.35 0.30 0.00	19.44 0.29 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.21 0.22 0.00	22.14 0.39 0.00	26.64 0.55 0.00	33.68 0.85 0.00	40.21 1.13 0.00	42.51 1.20 0.00	37.27 1.05 0.00	30.88 0.84 0.00	25.83 0.63 0.00

FAR ROCKAWAY___4 23548	26.21 1.74 -0.01	55.60 1.74 -32.15	31.31 1.57 -10.32	31.19 1.59 -10.68	31.69 1.60 -9.33	31.16 1.61 -8.09	31.66 1.70 -7.04	31.32 1.59 -7.68	31.06 1.64 -8.34	31.31 1.56 -10.43	32.46 1.60 -11.10	32.24 1.52 -11.67	32.28 1.57 -11.56	58.02 1.53 -38.31	58.87 1.57 -38.41	71.92 1.62 -50.31	66.19 1.63 -42.81	74.78 1.80 -46.89	82.67 2.20 -47.64	83.34 2.54 -41.73	91.92 2.64 -47.96	84.31 2.28 -45.80	69.66 1.80 -37.82	67.08 1.51 -40.36
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.06 1.01 0.00	22.17 1.10 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.15 1.10 0.00	20.32 1.17 0.00	19.33 1.15 0.00	20.08 1.19 0.00	21.25 1.26 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.34 1.51 0.00	40.75 1.68 0.00	43.09 1.78 0.00	37.74 1.52 0.00	31.21 1.17 0.00	26.16 0.96 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.61 1.15 0.00	22.93 1.22 0.00	20.49 1.07 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.06 1.01 0.00	22.17 1.10 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.13 1.09 0.00	20.30 1.15 0.00	19.33 1.15 0.00	20.08 1.19 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.34 1.51 0.00	40.75 1.68 0.00	43.09 1.78 0.00	37.74 1.52 0.00	31.21 1.17 0.00	26.16 0.96 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.58 1.13 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.78 1.02 0.00	22.49 1.03 0.00	24.00 1.08 0.00	23.06 1.01 0.00	22.17 1.10 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.13 1.09 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.39 1.30 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.74 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.16 0.96 0.00
FARRAGUT___LBMP 323566	25.58 1.13 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.78 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.04 0.99 0.00	22.15 1.07 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.39 1.30 0.00	34.31 1.48 0.00	40.68 1.60 0.00	43.05 1.74 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.14 0.93 0.00
FENNER___WINDPWR 24204	24.41 -0.05 0.00	21.63 -0.09 0.00	19.40 -0.02 0.00	18.92 0.00 0.00	20.68 -0.08 0.00	21.42 -0.04 0.00	22.88 -0.05 0.00	22.07 0.02 0.00	21.09 0.02 0.00	19.29 -0.02 0.00	19.72 -0.04 0.00	18.99 -0.06 0.00	19.07 -0.08 0.00	18.08 -0.11 0.00	18.78 -0.11 0.00	19.91 -0.08 0.00	21.66 -0.09 0.00	26.06 -0.03 0.00	32.90 0.07 0.00	39.23 0.16 0.00	41.60 0.29 0.00	36.44 0.22 0.00	30.19 0.15 0.00	25.33 0.13 0.00
FIBERTEK___ENERGY 23856	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.14 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
FITZPATRICK___ 23598	23.29 -1.17 0.00	20.61 -1.11 0.00	18.47 -0.95 0.00	18.02 -0.91 0.00	19.68 -1.08 0.00	20.34 -1.12 0.00	21.75 -1.17 0.00	21.04 -1.01 0.00	20.12 -0.95 0.00	18.42 -0.89 0.00	18.83 -0.93 0.00	18.17 -0.88 0.00	18.25 -0.90 0.00	17.31 -0.87 0.00	18.00 -0.89 0.00	19.05 -0.94 0.00	20.71 -1.04 0.00	24.86 -1.23 0.00	31.29 -1.54 0.00	37.28 -1.80 0.00	39.41 -1.90 0.00	34.63 -1.59 0.00	28.69 -1.35 0.00	24.12 -1.08 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.61 1.15 0.00	22.87 1.15 0.00	20.41 0.99 0.00	19.93 1.00 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	22.95 0.90 0.00	22.00 0.93 0.00	20.16 0.85 0.00	20.65 0.89 0.00	19.88 0.84 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.75 1.00 0.00	27.26 1.17 0.00	34.21 1.38 0.00	40.64 1.56 0.00	43.13 1.82 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.19 0.98 0.00
FORT ORANGE___ 23900	24.70 0.24 0.00	22.00 0.28 0.00	19.67 0.25 0.00	19.19 0.26 0.00	20.99 0.23 0.00	21.72 0.26 0.00	23.18 0.25 0.00	22.21 0.16 0.00	21.13 0.06 0.00	19.37 0.06 0.00	19.86 0.10 0.00	19.14 0.10 0.00	19.26 0.12 0.00	18.29 0.11 0.00	19.00 0.11 0.00	20.15 0.16 0.00	21.92 0.17 0.00	26.30 0.21 0.00	33.06 0.23 0.00	39.23 0.16 0.00	41.44 0.12 0.00	36.30 0.07 0.00	30.16 0.12 0.00	25.31 0.10 0.00
FORT_DRUM_COGEN 23780	24.04 -0.42 0.00	21.22 -0.50 0.00	19.07 -0.35 0.00	18.55 -0.38 0.00	20.34 -0.42 0.00	21.12 -0.34 0.00	22.58 -0.34 0.00	21.76 -0.29 0.00	20.71 -0.36 0.00	18.85 -0.46 0.00	19.24 -0.51 0.00	18.49 -0.55 0.00	18.50 -0.65 0.00	17.48 -0.71 0.00	18.13 -0.76 0.00	19.15 -0.84 0.00	20.97 -0.78 0.00	25.41 -0.68 0.00	32.40 -0.43 0.00	38.96 -0.12 0.00	41.48 0.17 0.00	36.22 0.00 0.00	30.01 -0.03 0.00	25.13 -0.08 0.00
FOX_HILLS___ESR 323835	25.79 1.32 -0.01	23.06 1.35 0.00	20.63 1.20 0.00	20.17 1.25 0.00	21.88 1.12 0.00	22.53 1.07 0.00	24.07 1.15 0.00	23.13 1.08 0.00	22.23 1.16 0.00	20.51 1.20 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.43 1.28 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.31 1.32 0.00	23.05 1.30 0.00	27.55 1.46 0.00	34.41 1.58 0.00	40.83 1.76 0.00	42.76 1.45 0.00	37.74 1.52 0.00	31.24 1.20 0.00	26.21 1.01 0.00
FPL_FAR_ROCK_GT1 24212	26.21 1.74 -0.01	55.61 1.74 -32.15	31.31 1.57 -10.32	31.19 1.59 -10.68	31.69 1.60 -9.33	31.16 1.61 -8.09	31.69 1.72 -7.04	31.36 1.63 -7.68	31.06 1.64 -8.34	31.30 1.56 -10.43	32.46 1.60 -11.10	32.24 1.52 -11.67	32.28 1.57 -11.56	58.02 1.53 -38.31	58.87 1.57 -38.41	71.90 1.60 -50.31	66.19 1.63 -42.81	74.78 1.80 -46.89	82.68 2.20 -47.64	83.34 2.54 -41.73	91.92 2.65 -47.96	84.31 2.28 -45.80	69.66 1.80 -37.82	67.08 1.51 -40.36
FPL_FAR_ROCK_GT2 23815	26.21 1.74 -0.01	55.61 1.74 -32.15	31.31 1.57 -10.32	31.19 1.59 -10.68	31.69 1.60 -9.33	31.16 1.61 -8.09	31.69 1.72 -7.04	31.36 1.63 -7.68	31.06 1.64 -8.34	31.30 1.56 -10.43	32.46 1.60 -11.10	32.24 1.52 -11.67	32.28 1.57 -11.56	58.02 1.53 -38.31	58.87 1.57 -38.41	71.90 1.60 -50.31	66.19 1.63 -42.81	74.78 1.80 -46.89	82.68 2.20 -47.64	83.34 2.54 -41.73	91.92 2.65 -47.96	84.31 2.28 -45.80	69.66 1.80 -37.82	67.08 1.51 -40.36
FRANKLIN_FALL_HYD 24054	24.85 0.39 0.00	21.95 0.24 0.00	19.60 0.17 0.00	19.06 0.13 0.00	21.09 0.33 0.00	21.81 0.34 0.00	23.31 0.39 0.00	22.51 0.46 0.00	21.49 0.42 0.00	19.68 0.37 0.00	20.04 0.28 0.00	19.25 0.21 0.00	19.32 0.17 0.00	18.33 0.15 0.00	19.02 0.13 0.00	20.03 0.04 0.00	21.99 0.24 0.00	26.48 0.39 0.00	33.55 0.72 0.00	40.13 1.05 0.00	42.43 1.12 0.00	37.20 0.98 0.00	30.79 0.75 0.00	25.73 0.53 0.00



FREEPORT_EQUS_GT1 23764	26.08 1.61 -0.01	36.12 1.61 -12.80	25.36 1.48 -4.46	25.02 1.48 -4.62	26.27 1.47 -4.03	26.27 1.48 -3.33	27.38 1.56 -2.90	26.69 1.48 -3.16	25.98 1.47 -3.43	25.23 1.41 -4.51	26.00 1.44 -4.80	25.46 1.37 -5.05	25.58 1.44 -5.00	34.84 1.40 -15.25	35.62 1.43 -15.29	41.47 1.52 -19.96	40.33 1.54 -17.04	46.27 1.69 -18.48	53.88 2.07 -18.98	58.08 2.38 -16.63	62.90 2.48 -19.11	56.61 2.14 -18.25	46.60 1.68 -14.88	42.64 1.44 -16.00
FREEPORT___CT2 23818	26.08 1.61 -0.01	36.12 1.61 -12.80	25.36 1.48 -4.46	25.02 1.48 -4.62	26.27 1.47 -4.03	26.27 1.48 -3.33	27.38 1.56 -2.90	26.69 1.48 -3.16	25.98 1.47 -3.43	25.23 1.41 -4.51	26.00 1.44 -4.80	25.46 1.37 -5.05	25.58 1.44 -5.00	34.84 1.40 -15.25	35.62 1.43 -15.29	41.47 1.52 -19.96	40.33 1.54 -17.04	46.27 1.69 -18.48	53.88 2.07 -18.98	58.08 2.38 -16.63	62.90 2.48 -19.11	56.61 2.14 -18.25	46.60 1.68 -14.88	42.64 1.44 -16.00
FRESHKLS_33_KV_LOAD 356253	25.86 1.39 -0.01	23.13 1.41 0.00	20.68 1.26 0.00	20.25 1.32 0.00	21.94 1.18 0.00	22.60 1.14 0.00	24.14 1.21 0.00	23.17 1.12 0.00	22.27 1.20 0.00	20.55 1.24 0.00	21.04 1.28 0.00	20.28 1.24 0.00	20.45 1.30 0.00	19.44 1.25 0.00	20.19 1.30 0.00	21.33 1.34 0.00	23.12 1.37 0.00	27.60 1.51 0.00	34.51 1.67 0.00	40.99 1.91 0.00	42.76 1.45 0.00	37.85 1.63 0.00	31.33 1.29 0.00	26.31 1.11 0.00
FULTON COGEN____ 23766	23.43 -1.03 0.00	20.74 -0.98 0.00	18.59 -0.84 0.00	18.15 -0.78 0.00	19.78 -0.98 0.00	20.47 -0.99 0.00	21.89 -1.03 0.00	21.19 -0.86 0.00	20.27 -0.80 0.00	18.56 -0.75 0.00	18.99 -0.77 0.00	18.30 -0.74 0.00	18.38 -0.77 0.00	17.44 -0.75 0.00	18.11 -0.77 0.00	19.19 -0.80 0.00	20.84 -0.91 0.00	25.07 -1.02 0.00	31.55 -1.28 0.00	37.55 -1.52 0.00	39.78 -1.53 0.00	34.92 -1.30 0.00	28.93 -1.11 0.00	24.30 -0.91 0.00
FULTON___LFGE 323630	25.34 0.88 0.00	22.50 0.78 0.00	20.16 0.74 0.00	19.64 0.72 0.00	21.46 0.71 0.00	22.26 0.79 0.00	23.66 0.73 0.00	22.60 0.55 0.00	21.43 0.36 0.00	19.60 0.29 0.00	20.04 0.28 0.00	19.27 0.23 0.00	19.36 0.21 0.00	18.39 0.20 0.00	19.13 0.24 0.00	20.31 0.32 0.00	22.16 0.41 0.00	26.71 0.63 0.00	33.88 1.05 0.00	40.56 1.48 0.00	43.09 1.78 0.00	37.71 1.49 0.00	31.24 1.20 0.00	26.11 0.91 0.00
G.F.CEMENT___DRP 24184	25.36 0.90 0.00	22.54 0.83 0.00	20.18 0.76 0.00	19.70 0.78 0.00	21.51 0.75 0.00	22.32 0.86 0.00	23.68 0.76 0.00	22.67 0.62 0.00	21.56 0.48 0.00	19.72 0.41 0.00	20.19 0.43 0.00	19.44 0.40 0.00	19.55 0.40 0.00	18.57 0.38 0.00	19.29 0.40 0.00	20.51 0.52 0.00	22.38 0.63 0.00	26.90 0.81 0.00	33.98 1.15 0.00	40.44 1.37 0.00	42.80 1.49 0.00	37.45 1.23 0.00	31.06 1.02 0.00	25.96 0.76 0.00
GARDENVILLE___LBMP 24039	22.62 -1.83 0.00	19.78 -1.93 0.00	17.91 -1.51 0.00	17.50 -1.42 0.00	18.89 -1.87 0.00	19.53 -1.93 0.00	20.65 -2.27 0.00	20.46 -1.59 0.00	19.51 -1.56 0.00	17.75 -1.56 0.00	18.04 -1.72 0.00	17.48 -1.56 0.00	17.41 -1.74 0.00	16.48 -1.71 0.00	17.17 -1.72 0.00	18.13 -1.86 0.00	19.62 -2.13 0.00	23.51 -2.58 0.00	29.91 -2.92 0.00	35.95 -3.13 0.00	38.13 -3.18 0.00	33.51 -2.72 0.00	27.94 -2.10 0.00	24.02 -1.18 0.00
GARDNVLA_35_KV_LD 355827	22.70 -1.76 0.00	19.83 -1.89 0.00	17.97 -1.46 0.00	17.56 -1.36 0.00	18.93 -1.83 0.00	19.57 -1.89 0.00	20.70 -2.22 0.00	20.53 -1.52 0.00	19.57 -1.50 0.00	17.80 -1.51 0.00	18.10 -1.66 0.00	17.56 -1.49 0.00	17.46 -1.68 0.00	16.53 -1.65 0.00	17.25 -1.64 0.00	18.19 -1.80 0.00	19.68 -2.07 0.00	23.58 -2.50 0.00	30.01 -2.82 0.00	36.06 -3.01 0.00	38.21 -3.10 0.00	33.58 -2.64 0.00	28.00 -2.04 0.00	24.10 -1.11 0.00
GELCKHM___115KV_LOAD 80723	23.70 -0.76 0.00	20.98 -0.74 0.00	18.82 -0.60 0.00	18.38 -0.55 0.00	20.03 -0.73 0.00	20.73 -0.73 0.00	22.14 -0.78 0.00	21.45 -0.60 0.00	20.52 -0.55 0.00	18.79 -0.52 0.00	19.21 -0.55 0.00	18.53 -0.51 0.00	18.61 -0.54 0.00	17.66 -0.53 0.00	18.34 -0.55 0.00	19.45 -0.54 0.00	21.10 -0.65 0.00	25.38 -0.70 0.00	31.91 -0.92 0.00	38.02 -1.05 0.00	40.24 -1.07 0.00	35.35 -0.87 0.00	29.29 -0.75 0.00	24.60 -0.60 0.00
GENERAL___MILLS 23808	22.67 -1.79 0.00	19.80 -1.91 0.00	17.95 -1.48 0.00	17.54 -1.38 0.00	18.91 -1.85 0.00	19.55 -1.91 0.00	20.70 -2.22 0.00	20.51 -1.54 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.44 -1.70 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.17 -1.82 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00
GE_PLASTICS___DRP 24183	24.68 0.22 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.99 0.23 0.00	21.68 0.21 0.00	23.17 0.25 0.00	22.18 0.13 0.00	21.15 0.08 0.00	19.41 0.10 0.00	19.90 0.14 0.00	19.18 0.13 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.06 0.17 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.23 0.16 0.00	41.40 0.08 0.00	36.30 0.07 0.00	30.16 0.12 0.00	25.28 0.08 0.00
GILBOA___1 23756	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.11 0.35 0.00	21.80 0.34 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.54 0.23 0.00	20.01 0.26 0.00	19.29 0.25 0.00	19.42 0.27 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.29 0.30 0.00	22.05 0.30 0.00	26.40 0.31 0.00	33.19 0.36 0.00	39.46 0.39 0.00	41.68 0.37 0.00	36.55 0.33 0.00	30.31 0.27 0.00	25.43 0.23 0.00
GILBOA___2 23757	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.11 0.35 0.00	21.80 0.34 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.54 0.23 0.00	20.01 0.26 0.00	19.29 0.25 0.00	19.42 0.27 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.29 0.30 0.00	22.05 0.30 0.00	26.40 0.31 0.00	33.19 0.36 0.00	39.46 0.39 0.00	41.68 0.37 0.00	36.55 0.33 0.00	30.31 0.27 0.00	25.43 0.23 0.00
GILBOA___3 23758	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.11 0.35 0.00	21.80 0.34 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.54 0.23 0.00	20.01 0.26 0.00	19.29 0.25 0.00	19.42 0.27 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.29 0.30 0.00	22.05 0.30 0.00	26.40 0.31 0.00	33.19 0.36 0.00	39.46 0.39 0.00	41.68 0.37 0.00	36.55 0.33 0.00	30.31 0.27 0.00	25.43 0.23 0.00
GILBOA___4 23759	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.11 0.35 0.00	21.80 0.34 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.54 0.23 0.00	20.01 0.26 0.00	19.29 0.25 0.00	19.42 0.27 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.29 0.30 0.00	22.05 0.30 0.00	26.40 0.31 0.00	33.19 0.36 0.00	39.46 0.39 0.00	41.68 0.37 0.00	36.55 0.33 0.00	30.31 0.27 0.00	25.43 0.23 0.00

GILBOA____ 23599	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.11 0.35 0.00	21.81 0.34 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.54 0.23 0.00	20.02 0.26 0.00	19.29 0.25 0.00	19.42 0.27 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.29 0.30 0.00	22.05 0.30 0.00	26.40 0.31 0.00	33.19 0.36 0.00	39.46 0.39 0.00	41.68 0.37 0.00	36.55 0.33 0.00	30.31 0.27 0.00	25.43 0.23 0.00
GINNA____ 23603	22.26 -2.20 0.00	19.50 -2.22 0.00	17.52 -1.90 0.00	17.11 -1.82 0.00	18.62 -2.14 0.00	19.21 -2.25 0.00	20.54 -2.38 0.00	20.04 -2.01 0.00	19.26 -1.81 0.00	17.53 -1.78 0.00	17.92 -1.84 0.00	17.35 -1.69 0.00	17.39 -1.76 0.00	16.49 -1.69 0.00	17.13 -1.76 0.00	18.17 -1.82 0.00	19.73 -2.02 0.00	23.66 -2.43 0.00	29.88 -2.95 0.00	35.79 -3.28 0.00	37.80 -3.51 0.00	33.36 -2.86 0.00	27.55 -2.49 0.00	23.31 -1.89 0.00
GLEN PARK____ 23778	24.09 -0.37 0.00	21.24 -0.48 0.00	19.11 -0.31 0.00	18.58 -0.34 0.00	20.38 -0.37 0.00	21.16 -0.30 0.00	22.60 -0.32 0.00	21.76 -0.29 0.00	20.73 -0.34 0.00	18.85 -0.46 0.00	19.23 -0.53 0.00	18.49 -0.55 0.00	18.50 -0.65 0.00	17.48 -0.71 0.00	18.11 -0.78 0.00	19.15 -0.84 0.00	20.97 -0.78 0.00	25.41 -0.68 0.00	32.44 -0.39 0.00	39.07 0.00 0.00	41.64 0.33 0.00	36.33 0.11 0.00	30.10 0.06 0.00	25.18 -0.03 0.00
GLENDALE_27_KV_LOAD 356172	25.68 1.22 0.00	23.00 1.28 0.00	20.57 1.15 0.00	20.12 1.19 0.00	21.84 1.08 0.00	22.51 1.05 0.00	24.05 1.12 0.00	23.13 1.08 0.00	22.25 1.18 0.00	20.51 1.20 0.00	21.00 1.24 0.00	20.26 1.22 0.00	20.43 1.28 0.00	19.44 1.25 0.00	20.19 1.30 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.47 1.38 0.00	34.31 1.48 0.00	40.71 1.64 0.00	42.92 1.61 0.00	37.64 1.41 0.00	31.15 1.11 0.00	26.14 0.93 0.00
GLENWOOD_IC_1_G5 23712	25.84 1.37 -0.02	33.81 1.41 -10.68	24.39 1.28 -3.69	24.01 1.27 -3.82	25.36 1.27 -3.33	24.96 1.27 -2.23	26.19 1.33 -1.94	25.40 1.23 -2.12	24.66 1.29 -2.30	24.28 1.24 -3.73	25.01 1.28 -3.97	24.44 1.22 -4.17	24.57 1.28 -4.14	32.17 1.25 -12.73	32.95 1.30 -12.76	38.03 1.38 -16.65	37.37 1.39 -14.23	43.03 1.51 -15.43	50.36 1.67 -15.85	54.83 1.88 -13.89	59.25 1.98 -15.96	53.16 1.70 -15.24	43.91 1.44 -12.43	39.78 1.21 -13.36
GLENWOOD_IC_2_G1 23688	25.68 1.22 0.00	23.29 1.28 -0.29	20.67 1.15 -0.10	20.18 1.15 -0.10	21.97 1.12 -0.09	23.63 1.14 -1.03	25.01 1.19 -0.90	24.15 1.12 -0.98	23.29 1.16 -1.07	20.53 1.12 -0.10	21.03 1.17 -0.11	20.26 1.10 -0.11	20.43 1.17 -0.11	19.68 1.15 -0.35	20.43 1.19 -0.35	21.69 1.24 -0.45	23.38 1.24 -0.39	27.86 1.36 -0.42	34.84 1.58 -0.43	41.21 1.76 -0.38	43.61 1.86 -0.43	38.23 1.59 -0.42	31.64 1.26 -0.34	26.63 1.06 -0.36
GLENWOOD_IC_3_G1 23689	25.68 1.22 0.00	23.29 1.28 -0.29	20.67 1.15 -0.10	20.18 1.15 -0.10	21.97 1.12 -0.09	23.63 1.14 -1.03	25.01 1.19 -0.90	24.15 1.12 -0.98	23.29 1.16 -1.07	20.53 1.12 -0.10	21.03 1.17 -0.11	20.26 1.10 -0.11	20.43 1.17 -0.11	19.68 1.15 -0.35	20.43 1.19 -0.35	21.69 1.24 -0.45	23.38 1.24 -0.39	27.86 1.36 -0.42	34.84 1.58 -0.43	41.21 1.76 -0.38	43.61 1.86 -0.43	38.23 1.59 -0.42	31.64 1.26 -0.34	26.63 1.06 -0.36
GLENWOOD____4 23550	25.84 1.37 -0.02	33.81 1.41 -10.68	24.39 1.28 -3.69	24.01 1.27 -3.82	25.36 1.27 -3.33	24.96 1.27 -2.23	26.19 1.33 -1.94	25.40 1.23 -2.12	24.66 1.29 -2.30	24.28 1.24 -3.73	25.01 1.28 -3.97	24.44 1.22 -4.17	24.57 1.28 -4.14	32.17 1.25 -12.73	32.95 1.30 -12.76	38.03 1.38 -16.65	37.37 1.39 -14.23	43.03 1.51 -15.43	50.42 1.74 -15.85	54.87 1.91 -13.89	59.33 2.07 -15.96	53.20 1.74 -15.24	43.91 1.44 -12.43	39.78 1.21 -13.36
GLENWOOD____5 23614	25.84 1.37 -0.02	33.81 1.41 -10.68	24.39 1.28 -3.69	24.01 1.27 -3.82	25.36 1.27 -3.33	24.96 1.27 -2.23	26.19 1.33 -1.94	25.40 1.23 -2.12	24.66 1.29 -2.30	24.28 1.24 -3.73	25.01 1.28 -3.97	24.44 1.22 -4.17	24.57 1.28 -4.14	32.17 1.25 -12.73	32.95 1.30 -12.76	38.03 1.38 -16.65	37.37 1.39 -14.23	43.03 1.51 -15.43	50.42 1.74 -15.85	54.87 1.91 -13.89	59.33 2.07 -15.96	53.20 1.74 -15.24	43.91 1.44 -12.43	39.78 1.21 -13.36
GLOBAL GREEN_PORT_GT1 23814	26.30 1.84 -0.01	25.39 1.76 -1.91	21.66 1.59 -0.65	21.16 1.57 -0.67	22.94 1.60 -0.58	23.48 1.57 -0.45	24.94 1.63 -0.39	23.93 1.45 -0.43	23.01 1.47 -0.47	21.39 1.43 -0.65	21.76 1.30 -0.70	21.05 1.28 -0.73	21.23 1.36 -0.73	21.79 1.33 -2.28	22.52 1.34 -2.29	24.47 1.62 -2.86	26.01 1.74 -2.52	30.65 2.14 -2.42	38.38 2.69 -2.85	45.01 3.44 -2.50	47.98 3.80 -2.87	42.34 3.37 -2.74	34.65 2.70 -1.91	29.71 2.24 -2.26
GLOBE____DSASP 323697	22.11 -2.35 0.00	19.28 -2.43 0.00	17.48 -1.94 0.00	17.07 -1.85 0.00	18.43 -2.32 0.00	19.04 -2.43 0.00	20.06 -2.87 0.00	19.93 -2.12 0.00	18.98 -2.09 0.00	17.26 -2.05 0.00	17.55 -2.21 0.00	17.04 -2.00 0.00	16.96 -2.18 0.00	16.08 -2.11 0.00	16.75 -2.13 0.00	17.69 -2.30 0.00	19.14 -2.61 0.00	22.91 -3.18 0.00	29.09 -3.74 0.00	34.85 -4.22 0.00	36.85 -4.46 0.00	32.42 -3.80 0.00	27.07 -2.97 0.00	23.34 -1.87 0.00
GOETHSLN____LBMP 323567	25.41 0.95 0.00	22.78 1.06 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.65 0.89 0.00	22.36 0.90 0.00	23.86 0.94 0.00	22.93 0.88 0.00	22.06 0.99 0.00	20.31 1.00 0.00	20.81 1.05 0.00	20.05 1.01 0.00	20.20 1.05 0.00	19.24 1.05 0.00	19.98 1.10 0.00	21.13 1.14 0.00	22.88 1.13 0.00	27.24 1.15 0.00	34.08 1.25 0.00	40.44 1.37 0.00	42.75 1.45 0.01	37.45 1.23 0.00	31.00 0.96 0.00	25.99 0.78 0.00
GOLAH____69_KV_TB 1_2 80279	23.06 -1.39 0.00	20.22 -1.50 0.00	18.22 -1.20 0.00	17.79 -1.14 0.00	19.33 -1.43 0.00	19.98 -1.48 0.00	21.29 -1.63 0.00	20.90 -1.15 0.00	19.91 -1.16 0.00	18.07 -1.24 0.00	18.43 -1.32 0.00	17.82 -1.22 0.00	17.81 -1.34 0.00	16.89 -1.29 0.00	17.57 -1.32 0.00	18.59 -1.40 0.00	20.18 -1.57 0.00	24.24 -1.85 0.00	30.73 -2.10 0.00	36.89 -2.19 0.00	39.00 -2.31 0.00	34.41 -1.81 0.00	28.57 -1.47 0.00	24.30 -0.91 0.00
GOODYEAR_LAKE_HYD 323669	24.92 0.46 0.00	22.11 0.39 0.00	19.83 0.41 0.00	19.32 0.40 0.00	21.15 0.39 0.00	21.89 0.43 0.00	23.34 0.41 0.00	22.45 0.40 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.11 0.36 0.00	19.37 0.32 0.00	19.47 0.33 0.00	18.48 0.29 0.00	19.19 0.30 0.00	20.33 0.34 0.00	22.14 0.39 0.00	26.56 0.47 0.00	33.49 0.66 0.00	39.97 0.90 0.00	42.35 1.03 0.00	37.06 0.83 0.00	30.70 0.66 0.00	25.76 0.55 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.09 -0.37 0.00	21.32 -0.39 0.00	19.15 -0.27 0.00	18.70 -0.23 0.00	20.36 -0.39 0.00	21.08 -0.39 0.00	22.46 -0.46 0.00	21.76 -0.29 0.00	20.82 -0.25 0.00	19.04 -0.27 0.00	19.46 -0.30 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.86 -0.33 0.00	18.57 -0.32 0.00	19.67 -0.32 0.00	21.34 -0.41 0.00	25.62 -0.47 0.00	32.31 -0.53 0.00	38.53 -0.55 0.00	40.82 -0.50 0.00	35.82 -0.40 0.00	29.68 -0.36 0.00	25.03 -0.18 0.00

GOUDEY___7 23579	24.09 -0.37 0.00	21.32 -0.39 0.00	19.15 -0.27 0.00	18.70 -0.23 0.00	20.36 -0.39 0.00	21.08 -0.39 0.00	22.46 -0.46 0.00	21.76 -0.29 0.00	20.82 -0.25 0.00	19.04 -0.27 0.00	19.46 -0.30 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.86 -0.33 0.00	18.57 -0.32 0.00	19.67 -0.32 0.00	21.34 -0.41 0.00	25.62 -0.47 0.00	32.31 -0.53 0.00	38.53 -0.55 0.00	40.82 -0.50 0.00	35.82 -0.40 0.00	29.68 -0.36 0.00	25.03 -0.18 0.00
GOUDEY___8 23580	24.09 -0.37 0.00	21.32 -0.39 0.00	19.15 -0.27 0.00	18.70 -0.23 0.00	20.36 -0.39 0.00	21.08 -0.39 0.00	22.46 -0.46 0.00	21.76 -0.29 0.00	20.82 -0.25 0.00	19.04 -0.27 0.00	19.46 -0.30 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.86 -0.33 0.00	18.57 -0.32 0.00	19.67 -0.32 0.00	21.34 -0.41 0.00	25.62 -0.47 0.00	32.31 -0.53 0.00	38.53 -0.55 0.00	40.82 -0.50 0.00	35.82 -0.40 0.00	29.68 -0.36 0.00	25.03 -0.18 0.00
GOWANUS_GT1_1 24077	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT1_2 24078	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT1_3 24079	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT1_4 24080	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT1_5 24084	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT1_6 24111	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.0																

GOWANUS_GT2_6 24119	25.66 <u>1.20</u> -0.01	23.02 <u>1.30</u> 0.00	20.57 <u>1.15</u> 0.00	20.14 <u>1.21</u> 0.00	21.84 <u>1.08</u> 0.00	22.47 <u>1.01</u> 0.00	24.05 <u>1.12</u> 0.00	23.15 <u>1.10</u> 0.00	22.23 <u>1.16</u> 0.00	20.49 <u>1.18</u> 0.00	21.00 <u>1.25</u> 0.00	20.24 <u>1.20</u> 0.00	20.41 <u>1.26</u> 0.00	19.42 <u>1.24</u> 0.00	20.17 <u>1.29</u> 0.00	21.29 <u>1.30</u> 0.00	23.03 <u>1.28</u> 0.00	27.50 <u>1.41</u> 0.00	34.37 <u>1.54</u> 0.00	40.79 <u>1.72</u> 0.00	42.80 <u>1.49</u> 0.00	37.67 <u>1.45</u> 0.00	31.15 <u>1.11</u> 0.00	26.16 <u>0.96</u> 0.00
GOWANUS_GT2_7 24120	25.66 <u>1.20</u> -0.01	23.02 <u>1.30</u> 0.00	20.57 <u>1.15</u> 0.00	20.14 <u>1.21</u> 0.00	21.84 <u>1.08</u> 0.00	22.47 <u>1.01</u> 0.00	24.05 <u>1.12</u> 0.00	23.15 <u>1.10</u> 0.00	22.23 <u>1.16</u> 0.00	20.49 <u>1.18</u> 0.00	21.00 <u>1.25</u> 0.00	20.24 <u>1.20</u> 0.00	20.41 <u>1.26</u> 0.00	19.42 <u>1.24</u> 0.00	20.17 <u>1.29</u> 0.00	21.29 <u>1.30</u> 0.00	23.03 <u>1.28</u> 0.00	27.50 <u>1.41</u> 0.00	34.37 <u>1.54</u> 0.00	40.79 <u>1.72</u> 0.00	42.80 <u>1.49</u> 0.00	37.67 <u>1.45</u> 0.00	31.15 <u>1.11</u> 0.00	26.16 <u>0.96</u> 0.00
GOWANUS_GT2_8 24121	25.66 <u>1.20</u> -0.01	23.02 <u>1.30</u> 0.00	20.57 <u>1.15</u> 0.00	20.14 <u>1.21</u> 0.00	21.84 <u>1.08</u> 0.00	22.47 <u>1.01</u> 0.00	24.05 <u>1.12</u> 0.00	23.15 <u>1.10</u> 0.00	22.23 <u>1.16</u> 0.00	20.49 <u>1.18</u> 0.00	21.00 <u>1.25</u> 0.00	20.24 <u>1.20</u> 0.00	20.41 <u>1.26</u> 0.00	19.42 <u>1.24</u> 0.00	20.17 <u>1.29</u> 0.00	21.29 <u>1.30</u> 0.00	23.03 <u>1.28</u> 0.00	27.50 <u>1.41</u> 0.00	34.37 <u>1.54</u> 0.00	40.79 <u>1.72</u> 0.00	42.80 <u>1.49</u> 0.00	37.67 <u>1.45</u> 0.00	31.15 <u>1.11</u> 0.00	26.16 <u>0.96</u> 0.00
GOWANUS_GT3_1 24122	25.66 <u>1.20</u> -0.01	23.02 <u>1.30</u> 0.00	20.57 <u>1.15</u> 0.00	20.14 <u>1.21</u> 0.00	21.84 <u>1.08</u> 0.00	22.47 <u>1.01</u> 0.00	24.05 <u>1.12</u> 0.00	23.15 <u>1.10</u> 0.00	22.23 <u>1.16</u> 0.00	20.49 <u>1.18</u> 0.00	21.00 <u>1.25</u> 0.00	20.24 <u>1.20</u> 0.00	20.41 <u>1.26</u> 0.00	19.42 <u>1.24</u> 0.00	20.17 <u>1.29</u> 0.00	21.29 <u>1.30</u> 0.00	23.03 <u>1.28</u> 0.00	27.50 <u>1.41</u> 0.00	34.37 <u>1.54</u> 0.00	40.79 <u>1.72</u> 0.00	42.80 <u>1.49</u> 0.00	37.67 <u>1.45</u> 0.00	31.15 <u>1.11</u> 0.00	26.16 <u>0.96</u> 0.00
GOWANUS_GT3_2 24123	25.66 <u>1.20</u> -0.01	23.02 <u>1.30</u> 0.00	20.57 <u>1.15</u> 0.00	20.14 <u>1.21</u> 0.00	21.84 <u>1.08</u> 0.00	22.47 <u>1.01</u> 0.00	24.05 <u>1.12</u> 0.00	23.15 <u>1.10</u> 0.00	22.23 <u>1.16</u> 0.00	20.49 <u>1.18</u> 0.00	21.00 <u>1.25</u> 0.00	20.24 <u>1.20</u> 0.00	20.41 <u>1.26</u> 0.00	19.42 <u>1.24</u> 0.00	20.17 <u>1.29</u> 0.00	21.29 <u>1.30</u> 0.00	23.03 <u>1.28</u> 0.00	27.50 <u>1.41</u> 0.00	34.37 <u>1.54</u> 0.00	40.79 <u>1.72</u> 0.00	42.80 <u>1.49</u> 0.00	37.67 <u>1.45</u> 0.00	31.15 <u>1.11</u> 0.00	26.16 <u>0.96</u> 0.00
GOWANUS_GT3_3 24124	25.66 <u>1.20</u> -0.01	23.02 <u>1.30</u> 0.00	20.57 <u>1.15</u> 0.00	20.14 <u>1.21</u> 0.00	21.84 <u>1.08</u> 0.00	22.47 <u>1.01</u> 0.00	24.05 <u>1.12</u> 0.00	23.15 <u>1.10</u> 0.00	22.23 <u>1.16</u> 0.00	20.49 <u>1.18</u> 0.00	21.00 <u>1.25</u> 0.00	20.24 <u>1.20</u> 0.00	20.41 <u>1.26</u> 0.00	19.42 <u>1.24</u> 0.00	20.17 <u>1.29</u> 0.00	21.29 <u>1.30</u> 0.00	23.03 <u>1.28</u> 0.00	27.50 <u>1.41</u> 0.00	34.37 <u>1.54</u> 0.00	40.79 <u>1.72</u> 0.00	42.80 <u>1.49</u> 0.00	37.67 <u>1.45</u> 0.00	31.15 <u>1.11</u> 0.00	26.16 <u>0.96</u> 0.00
GOWANUS_GT3_4 24125	25.66 <u>1.20</u> -0.01	23.02 <u>1.</u>																						

GOWANUS_GT4_5 24134	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT4_6 24135	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT4_7 24136	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GOWANUS_GT4_8 24137	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GREATVRV_69_KV_BK1 356245	26.45 1.98 -0.01	26.38 1.91 -2.75	22.10 1.73 -0.95	21.63 1.72 -0.98	23.36 1.74 -0.86	23.87 1.74 -0.67	25.29 1.79 -0.58	24.27 1.59 -0.64	23.38 1.62 -0.69	21.81 1.54 -0.96	22.34 1.56 -1.02	21.60 1.49 -1.07	21.76 1.55 -1.06	22.98 1.51 -3.28	23.77 1.59 -3.29	25.95 1.78 -4.18	27.22 1.83 -3.65	31.89 2.14 -3.66	39.62 2.69 -4.10	45.91 3.24 -3.59	48.91 3.47 -4.13	43.17 3.01 -3.94	35.32 2.37 -2.91	30.49 1.97 -3.32
GREENBSH_115KV_TB3 55895	24.58 0.12 0.00	21.89 0.17 0.00	19.60 0.17 0.00	19.11 0.19 0.00	20.90 0.15 0.00	21.61 0.15 0.00	23.08 0.16 0.00	22.09 0.04 0.00	21.07 0.00 0.00	19.33 0.02 0.00	19.82 0.06 0.00	19.10 0.06 0.00	19.22 0.08 0.00	18.28 0.09 0.00	18.98 0.09 0.00	20.11 0.12 0.00	21.88 0.13 0.00	26.19 0.10 0.00	32.90 0.07 0.00	39.03 -0.04 0.00	41.19 -0.12 0.00	36.08 -0.14 0.00	30.01 -0.03 0.00	25.15 -0.05 0.00
GREENDGE_115KV_TB5 80291	23.72 -0.73 0.00	20.89 -0.83 0.00	18.80 -0.62 0.00	18.38 -0.55 0.00	19.95 -0.81 0.00	20.67 -0.79 0.00	22.05 -0.87 0.00	21.50 -0.55 0.00	20.52 -0.55 0.00	18.71 -0.60 0.00	19.05 -0.71 0.00	18.38 -0.67 0.00	18.40 -0.75 0.00	17.44 -0.75 0.00	18.15 -0.74 0.00	19.23 -0.76 0.00	20.88 -0.87 0.00	25.18 -0.91 0.00	31.88 -0.95 0.00	38.21 -0.86 0.00	40.20 -1.12 0.00	35.61 -0.62 0.00	29.44 -0.60 0.00	24.85 -0.35 0.00
GREENIDGE___3 23582	23.72 -0.73 0.00	20.89 -0.83 0.00	18.80 -0.62 0.00	18.38 -0.55 0.00	19.95 -0.81 0.00	20.67 -0.79 0.00	22.05 -0.87 0.00	21.50 -0.55 0.00	20.52 -0.55 0.00	18.71 -0.60 0.00	19.05 -0.71 0.00	18.38 -0.67 0.00	18.40 -0.75 0.00	17.44 -0.75 0.00	18.15 -0.74 0.00	19.23 -0.76 0.00	20.88 -0.87 0.00	25.18 -0.91 0.00	31.88 -0.95 0.00	38.21 -0.86 0.00	40.20 -1.12 0.00	35.61 -0.62 0.00	29.44 -0.60 0.00	24.85 -0.35 0.00
GREENIDGE___4 23583	23.73 -0.73 0.00	20.89 -0.83 0.00	18.78 -0.64 0.00	18.37 -0.55 0.00	19.95 -0.81 0.00	20.65 -0.82 0.00	22.05 -0.87 0.00	21.43 -0.62 0.00	20.52 -0.55 0.00	18.71 -0.60 0.00	19.05 -0.71 0.00	18.38 -0.67 0.00	18.40 -0.75 0.00	17.44 -0.75 0.00	18.15 -0.74 0.00	19.23 -0.76 0.00	20.88 -0.87 0.00	25.18 -0.91 0.00	31.88 -0.95 0.00	38.21 -0.86 0.00	40.20 -1.11 0.00	35.61 -0.62 0.00	29.44 -0.60 0.00	24.85 -0.35 0.00
GREENLWN_69_KV_BK 3 55738	25.89 1.42 -0.01	25.67 1.48 -2.47	21.61 1.34 -0.85	21.14 1.34 -0.88	22.85 1.33 -0.76	23.38 1.33 -0.59	24.83 1.40 -0.51	23.89 1.28 -0.56	23.01 1.33 -0.61	21.44 1.27 -0.86	21.97 1.30 -0.91	21.24 1.24 -0.96	21.40 1.30 -0.95	22.41 1.27 -2.95	23.17 1.32 -2.96	25.13 1.40 -3.74	26.43 1.41 -3.27	30.90 1.57 -3.25	38.42 1.90 -3.69	44.14 1.84 -3.23	46.92 1.90 -3.71	41.54 1.77 -3.54	34.14 1.53 -2.57	29.46 1.29 -2.97
GREENWD_138_KV_38B11_REV_LBMP_J 345004	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00
GRISSOM___SOLAR 323813	25.31 0.86 0.00	22.50 0.78 0.00	20.14 0.72 0.00	19.62 0.70 0.00	21.44 0.68 0.00	22.26 0.79 0.00	23.63 0.71 0.00	22.60 0.55 0.00	21.45 0.38 0.00	19.64 0.33 0.00	20.06 0.30 0.00	19.31 0.27 0.00	19.42 0.27 0.00	18.42 0.24 0.00	19.17 0.28 0.00	20.35 0.36 0.00	22.21 0.46 0.00	26.74 0.65 0.00	33.88 1.05 0.00	40.52 1.45 0.00	43.01 1.69 0.00	37.63 1.41 0.00	31.21 1.17 0.00	26.09 0.88 0.00
GROVEVILLE___HYD 323602	25.61 1.15 0.00	22.87 1.15 0.00	20.41 0.99 0.00	19.93 1.00 0.00	21.75 1.00 0.00	22.45 0.99 0.00	23.95 1.03 0.00	22.95 0.90 0.00	22.00 0.93 0.00	20.16 0.85 0.00	20.65 0.89 0.00	19.88 0.84 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.75 1.00 0.00	27.26 1.17 0.00	34.21 1.38 0.00	40.64 1.56 0.00	43.13 1.82 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.19 0.98 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.14 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
HAMLTNNY_34_KV_TB 80303	23.65 -0.81 0.00	20.91 -0.80 0.00	18.76 -0.66 0.00	18.32 -0.61 0.00	19.95 -0.81 0.00	20.65 -0.82 0.00	22.07 -0.85 0.00	21.41 -0.64 0.00	20.48 -0.59 0.00	18.73 -0.58 0.00	19.15 -0.61 0.00	18.47 -0.57 0.00	18.53 -0.61 0.00	17.60 -0.58 0.00	18.28 -0.60 0.00	19.39 -0.60 0.00	21.03 -0.72 0.00	25.31 -0.78 0.00	31.88 -0.95 0.00	38.02 -1.05 0.00	40.24 -1.07 0.00	35.35 -0.87 0.00	29.26 -0.78 0.00	24.60 -0.60 0.00

HAMPSHIRE___PAPER_HYD 323593	23.94 -0.51 0.00	21.11 -0.61 0.00	18.92 -0.51 0.00	18.39 -0.53 0.00	20.32 -0.44 0.00	21.05 -0.41 0.00	22.53 -0.39 0.00	21.70 -0.35 0.00	20.71 -0.36 0.00	18.90 -0.41 0.00	19.28 -0.47 0.00	18.53 -0.51 0.00	18.55 -0.59 0.00	17.55 -0.64 0.00	18.19 -0.70 0.00	19.15 -0.84 0.00	21.03 -0.72 0.00	25.39 -0.70 0.00	32.24 -0.59 0.00	38.61 -0.47 0.00	40.98 -0.33 0.00	35.83 -0.40 0.00	29.74 -0.30 0.00	24.90 -0.30 0.00
HARDSCRABBLE_WT_PWR 323673	24.46 0.00 0.00	21.71 0.00 0.00	19.46 0.04 0.00	18.96 0.04 0.00	20.78 0.02 0.00	21.50 0.04 0.00	22.99 0.07 0.00	22.12 0.07 0.00	21.13 0.06 0.00	19.35 0.04 0.00	19.80 0.04 0.00	19.08 0.04 0.00	19.17 0.02 0.00	18.19 0.00 0.00	18.87 -0.02 0.00	19.99 0.00 0.00	21.75 0.00 0.00	26.09 0.00 0.00	32.86 0.03 0.00	39.19 0.12 0.00	41.48 0.17 0.00	36.37 0.15 0.00	30.19 0.15 0.00	25.36 0.15 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.44 0.98 0.00	22.71 1.00 0.00	20.30 0.87 0.00	19.79 0.87 0.00	21.61 0.85 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.82 0.77 0.00	21.89 0.82 0.00	20.08 0.77 0.00	20.57 0.81 0.00	19.82 0.78 0.00	19.97 0.82 0.00	19.00 0.82 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.66 0.91 0.00	27.13 1.04 0.00	33.98 1.15 0.00	40.36 1.29 0.00	42.84 1.53 0.00	37.45 1.23 0.00	30.97 0.93 0.00	26.01 0.81 0.00
HARSNRAD_115KV_TB1 81005	22.31 -2.15 0.00	19.43 -2.28 0.00	17.62 -1.81 0.00	17.22 -1.70 0.00	18.58 -2.18 0.00	19.19 -2.27 0.00	20.31 -2.61 0.00	20.18 -1.87 0.00	19.24 -1.83 0.00	17.46 -1.85 0.00	17.76 -2.00 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.26 -1.93 0.00	16.92 -1.96 0.00	17.89 -2.10 0.00	19.36 -2.39 0.00	23.19 -2.90 0.00	29.48 -3.35 0.00	35.40 -3.67 0.00	37.47 -3.84 0.00	32.96 -3.26 0.00	27.49 -2.55 0.00	23.67 -1.54 0.00
HARZA MOOSE___RIVER 24016	24.26 -0.20 0.00	21.48 -0.24 0.00	19.29 -0.14 0.00	18.77 -0.15 0.00	20.59 -0.17 0.00	21.35 -0.11 0.00	22.90 -0.02 0.00	22.05 0.00 0.00	21.05 -0.02 0.00	19.21 -0.10 0.00	19.64 -0.12 0.00	18.89 -0.15 0.00	18.90 -0.25 0.00	17.88 -0.31 0.00	18.53 -0.36 0.00	19.61 -0.38 0.00	21.40 -0.35 0.00	25.80 -0.29 0.00	32.70 -0.13 0.00	39.07 0.00 0.00	41.48 0.17 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.23 0.03 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.48 -0.57 0.00	20.54 -0.53 0.00	18.81 -0.50 0.00	19.24 -0.51 0.00	18.55 -0.50 0.00	18.63 -0.52 0.00	17.69 -0.49 0.00	18.38 -0.51 0.00	19.47 -0.52 0.00	21.14 -0.61 0.00	25.41 -0.68 0.00	31.94 -0.89 0.00	38.02 -1.05 0.00	40.24 -1.07 0.00	35.35 -0.87 0.00	29.32 -0.72 0.00	24.62 -0.58 0.00
HELLGATE_13_KV_LD 55870	25.66 1.20 0.00	22.97 1.26 0.00	20.55 1.13 0.00	20.12 1.19 0.00	21.82 1.06 0.00	22.51 1.05 0.00	24.05 1.12 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.51 1.20 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.46 1.27 0.00	20.21 1.32 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.47 1.38 0.00	34.28 1.44 0.00	40.68 1.60 0.00	42.84 1.53 0.00	37.60 1.38 0.00	31.12 1.08 0.00	26.11 0.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	25.66 1.20 0.00	22.97 1.26 0.00	20.55 1.13 0.00	20.12 1.19 0.00	21.82 1.06 0.00	22.51 1.05 0.00	24.05 1.12 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.51 1.20 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.46 1.27 0.00	20.21 1.32 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.47 1.38 0.00	34.28 1.44 0.00	40.68 1.60 0.00	42.84 1.53 0.00	37.60 1.38 0.00	31.12 1.08 0.00	26.11 0.91 0.00
HEMPSTEAD____ 23647	25.87 1.39 -0.01	33.82 1.43 -10.67	24.53 1.30 -3.81	24.17 1.30 -3.94	25.49 1.29 -3.44	25.35 1.29 -2.60	26.56 1.38 -2.26	25.82 1.30 -2.47	25.06 1.31 -2.68	24.41 1.25 -3.85	25.16 1.30 -4.10	24.59 1.24 -4.31	24.70 1.28 -4.27	32.15 1.25 -12.71	32.94 1.30 -12.75	37.99 1.36 -16.64	37.33 1.37 -14.21	42.99 1.49 -15.41	50.43 1.77 -15.83	54.93 1.99 -13.87	59.36 2.11 -15.94	53.22 1.77 -15.22	43.89 1.44 -12.41	39.78 1.23 -13.34
HICKLING___1 23621	23.82 -0.64 0.00	20.98 -0.74 0.00	18.92 -0.50 0.00	18.49 -0.44 0.00	20.05 -0.71 0.00	20.75 -0.71 0.00	22.10 -0.83 0.00	21.54 -0.51 0.00	20.59 -0.48 0.00	18.79 -0.52 0.00	19.15 -0.61 0.00	18.47 -0.57 0.00	18.48 -0.67 0.00	17.53 -0.65 0.00	18.25 -0.64 0.00	19.31 -0.68 0.00	20.92 -0.83 0.00	25.15 -0.94 0.00	31.88 -0.95 0.00	38.21 -0.86 0.00	40.53 -0.78 0.00	35.61 -0.62 0.00	29.50 -0.54 0.00	24.98 -0.23 0.00
HICKLING___2 23622	23.82 -0.64 0.00	20.98 -0.74 0.00	18.92 -0.50 0.00	18.49 -0.44 0.00	20.05 -0.71 0.00	20.75 -0.71 0.00	22.10 -0.83 0.00	21.54 -0.51 0.00	20.59 -0.48 0.00	18.79 -0.52 0.00	19.15 -0.61 0.00	18.47 -0.57 0.00	18.48 -0.67 0.00	17.53 -0.65 0.00	18.25 -0.64 0.00	19.31 -0.68 0.00	20.92 -0.83 0.00	25.15 -0.94 0.00	31.88 -0.95 0.00	38.21 -0.86 0.00	40.53 -0.78 0.00	35.61 -0.62 0.00	29.50 -0.54 0.00	24.98 -0.23 0.00
HIGH FALLS___HY 23754	25.68 1.22 0.00	22.93 1.22 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.82 1.06 0.00	22.53 1.07 0.00	24.02 1.10 0.00	23.04 0.99 0.00	22.08 1.01 0.00	20.24 0.93 0.00	20.71 0.95 0.00	19.94 0.90 0.00	20.09 0.94 0.00	19.11 0.93 0.00	19.85 0.96 0.00	21.03 1.04 0.00	22.79 1.04 0.00	27.34 1.25 0.00	34.31 1.48 0.00	40.79 1.72 0.00	43.42 2.11 0.00	37.89 1.67 0.00	31.30 1.26 0.00	26.29 1.08 0.00
HIGH_RIVER___SOLAR 323847	25.02 0.56 0.00	22.24 0.52 0.00	19.91 0.49 0.00	19.42 0.49 0.00	21.24 0.48 0.00	22.00 0.54 0.00	23.40 0.48 0.00	22.36 0.31 0.00	21.20 0.13 0.00	19.39 0.08 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.22 0.04 0.00	18.96 0.08 0.00	20.09 0.10 0.00	21.92 0.17 0.00	26.43 0.34 0.00	33.49 0.66 0.00	39.97 0.90 0.00	42.30 0.99 0.00	37.06 0.83 0.00	30.76 0.72 0.00	25.73 0.53 0.00
HILLBURN___GT 23639	25.46 1.00 0.00	22.74 1.02 0.00	20.34 0.91 0.00	19.83 0.91 0.00	21.65 0.89 0.00	22.34 0.88 0.00	23.84 0.92 0.00	22.89 0.84 0.00	21.93 0.86 0.00	20.16 0.85 0.00	20.65 0.89 0.00	19.90 0.86 0.00	20.07 0.92 0.00	19.09 0.91 0.00	19.83 0.94 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.18 1.10 0.00	34.01 1.18 0.00	40.36 1.29 0.00	42.76 1.45 0.00	37.46 1.23 0.00	30.97 0.93 0.00	25.99 0.78 0.00
HILLSIDE_115KV_TB1 80332	23.60 -0.86 0.00	20.82 -0.89 0.00	18.76 -0.66 0.00	18.32 -0.61 0.00	19.89 -0.87 0.00	20.60 -0.86 0.00	21.91 -1.01 0.00	21.32 -0.73 0.00	20.40 -0.67 0.00	18.63 -0.68 0.00	18.99 -0.77 0.00	18.34 -0.70 0.00	18.36 -0.79 0.00	17.40 -0.78 0.00	18.11 -0.77 0.00	19.17 -0.82 0.00	20.77 -0.98 0.00	24.91 -1.17 0.00	31.52 -1.31 0.00	37.71 -1.37 0.00	39.95 -1.36 0.00	35.10 -1.12 0.00	29.08 -0.96 0.00	24.62 -0.58 0.00

HISHELDN_WT_PWR 323625	22.70 -1.76 0.00	19.87 -1.85 0.00	17.93 -1.50 0.00	17.56 -1.36 0.00	18.97 -1.79 0.00	19.59 -1.87 0.00	20.79 -2.13 0.00	20.37 -1.68 0.00	19.55 -1.52 0.00	17.80 -1.51 0.00	18.10 -1.66 0.00	17.52 -1.52 0.00	17.46 -1.69 0.00	16.53 -1.65 0.00	17.23 -1.66 0.00	18.21 -1.78 0.00	19.66 -2.09 0.00	23.58 -2.50 0.00	30.04 -2.79 0.00	36.18 -2.89 0.00	38.38 -2.93 0.00	33.76 -2.46 0.00	28.12 -1.92 0.00	24.10 -1.11 0.00
HOLTSVILLE_IC_1 23690	26.15 1.69 -0.01	25.25 1.67 -1.87	21.59 1.53 -0.63	21.11 1.53 -0.65	22.86 1.54 -0.57	23.43 1.52 -0.44	24.84 1.54 -0.38	23.86 1.39 -0.42	22.89 1.37 -0.46	21.26 1.31 -0.64	21.78 1.34 -0.68	21.01 1.26 -0.71	21.18 1.32 -0.71	21.72 1.31 -2.23	22.48 1.36 -2.23	24.32 1.54 -2.79	25.76 1.54 -2.46	30.25 1.80 -2.36	37.85 2.23 -2.79	44.25 2.73 -2.44	47.05 2.93 -2.81	41.44 2.53 -2.68	33.90 2.01 -1.85	29.07 1.66 -2.21
HOLTSVILLE_IC_10 23699	26.25 1.78 -0.01	25.55 1.76 -2.08	21.74 1.61 -0.71	21.26 1.61 -0.73	23.02 1.62 -0.64	23.54 1.59 -0.50	24.96 1.60 -0.43	23.95 1.43 -0.47	23.01 1.43 -0.51	21.39 1.37 -0.71	21.90 1.38 -0.76	21.16 1.31 -0.80	21.32 1.38 -0.79	22.01 1.35 -2.48	22.77 1.40 -2.49	24.73 1.62 -3.12	26.13 1.63 -2.75	30.69 1.93 -2.67	38.33 2.40 -3.10	44.76 2.97 -2.72	47.61 3.18 -3.12	41.96 2.75 -2.98	34.33 2.19 -2.10	29.47 1.79 -2.47
HOLTSVILLE_IC_2 23691	26.15 1.69 -0.01	25.25 1.67 -1.87	21.59 1.53 -0.63	21.11 1.53 -0.65	22.86 1.54 -0.57	23.43 1.52 -0.44	24.84 1.54 -0.38	23.86 1.39 -0.42	22.89 1.37 -0.46	21.26 1.31 -0.64	21.78 1.34 -0.68	21.01 1.26 -0.71	21.18 1.32 -0.71	21.72 1.31 -2.23	22.48 1.36 -2.23	24.32 1.54 -2.79	25.76 1.54 -2.46	30.25 1.80 -2.36	37.85 2.23 -2.79	44.25 2.73 -2.44	47.05 2.93 -2.81	41.44 2.53 -2.68	33.90 2.01 -1.85	29.07 1.66 -2.21
HOLTSVILLE_IC_3 23692	26.15 1.69 -0.01	25.25 1.67 -1.87	21.59 1.53 -0.63	21.11 1.53 -0.65	22.86 1.54 -0.57	23.43 1.52 -0.44	24.84 1.54 -0.38	23.86 1.39 -0.42	22.89 1.37 -0.46	21.26 1.31 -0.64	21.78 1.34 -0.68	21.01 1.26 -0.71	21.18 1.32 -0.71	21.72 1.31 -2.23	22.48 1.36 -2.23	24.32 1.54 -2.79	25.76 1.54 -2.46	30.25 1.80 -2.36	37.85 2.23 -2.79	44.25 2.73 -2.44	47.05 2.93 -2.81	41.44 2.53 -2.68	33.90 2.01 -1.85	29.07 1.66 -2.21
HOLTSVILLE_IC_4 23693	26.15 1.69 -0.01	25.25 1.67 -1.87	21.59 1.53 -0.63	21.11 1.53 -0.65	22.86 1.54 -0.57	23.43 1.52 -0.44	24.84 1.54 -0.38	23.86 1.39 -0.42	22.89 1.37 -0.46	21.26 1.31 -0.64	21.78 1.34 -0.68	21.01 1.26 -0.71	21.18 1.32 -0.71	21.72 1.31 -2.23	22.48 1.36 -2.23	24.32 1.54 -2.79	25.76 1.54 -2.46	30.25 1.80 -2.36	37.85 2.23 -2.79	44.25 2.73 -2.44	47.05 2.93 -2.81	41.44 2.53 -2.68	33.90 2.01 -1.85	29.07 1.66 -2.21
HOLTSVILLE_IC_5 23694	26.15 1.69 -0.01	25.25 1.67 -1.87	21.59 1.53 -0.63	21.11 1.53 -0.65	22.86 1.54 -0.57	23.43 1.52 -0.44	24.84 1.54 -0.38	23.86 1.39 -0.42	22.89 1.37 -0.46	21.26 1.31 -0.64	21.78 1.34 -0.68	21.01 1.26 -0.71	21.18 1.32 -0.71	21.72 1.31 -2.23	22.48 1.36 -2.23	24.32 1.54 -2.79	25.76 1.54 -2.46	30.25 1.80 -2.36	37.85 2.23 -2.79	44.25 2.73 -2.44	47.05 2.93 -2.81	41.44 2.53 -2.68	33.90 2.01 -1.85	29.07 1.66 -2.21
HOLTSVILLE_IC_6 23695	26.25 1.78 -0.01	25.55 1.76 -2.08	21.74 1.61 -0.71	21.26 1.61 -0.73	23.02 1.62 -0.64	23.54 1.59 -0.50	24.96 1.60 -0.43	23.95 1.43 -0.47	23.01 1.43 -0.51	21.39 1.37 -0.71	21.90 1.38 -0.76	21.16 1.31 -0.80	21.32 1.38 -0.79	22.01 1.35 -2.48	22.77 1.40 -2.49	24.73 1.62 -3.12	26.13 1.63 -2.75	30.69 1.93 -2.67	38.33 2.40 -3.10	44.76 2.97 -2.72	47.61 3.18 -3.12	41.96 2.75 -2.98	34.33 2.19 -2.10	29.47 1.79 -2.47
HOLTSVILLE_IC_7 23696	26.25 1.78 -0.01	25.55 1.76 -2.08	21.74 1.61 -0.71	21.26 1.61 -0.73	23.02 1.62 -0.64	23.54 1.59 -0.50	24.96 1.60 -0.43	23.95 1.43 -0.47	23.01 1.43 -0.51	21.39 1.37 -0.71	21.90 1.38 -0.76	21.16 1.31 -0.80	21.32 1.38 -0.79	22.01 1.35 -2.48	22.77 1.40 -2.49	24.73 1.62 -3.12	26.13 1.63 -2.75	30.69 1.93 -2.67	38.33 2.40 -3.10	44.76 2.97 -2.72	47.61 3.18 -3.12	41.96 2.75 -2.98	34.33 2.19 -2.10	29.47 1.79 -2.47
HOLTSVILLE_IC_8 23697	26.25 1.78 -0.01	25.55 1.76 -2.08	21.74 1.61 -0.71	21.26 1.61 -0.73	23.02 1.62 -0.64	23.54 1.59 -0.50	24.96 1.60 -0.43	23.95 1.43 -0.47	23.01 1.43 -0.51	21.39 1.37 -0.71	21.90 1.38 -0.76	21.16 1.31 -0.80	21.32 1.38 -0.79	22.01 1.35 -2.48	22.77 1.40 -2.49	24.73 1.62 -3.12	26.13 1.63 -2.75	30.69 1.93 -2.67	38.33 2.40 -3.10	44.76 2.97 -2.72	47.61 3.18 -3.12	41.96 2.75 -2.98	34.33 2.19 -2.10	29.47 1.79 -2.47
HOLTSVILLE_IC_9 23698	26.25 1.78 -0.01	25.55 1.76 -2.08	21.74 1.61 -0.71	21.26 1.61 -0.73	23.02 1.62 -0.64	23.54 1.59 -0.50	24.96 1.60 -0.43	23.95 1.43 -0.47	23.01 1.43 -0.51	21.39 1.37 -0.71	21.90 1.38 -0.76	21.16 1.31 -0.80	21.32 1.38 -0.79	22.01 1.35 -2.48	22.77 1.40 -2.49	24.73 1.62 -3.12	26.13 1.63 -2.75	30.69 1.93 -2.67	38.33 2.40 -3.10	44.76 2.97 -2.72	47.61 3.18 -3.12	41.96 2.75 -2.98	34.33 2.19 -2.10	29.47 1.79 -2.47
HOMER_HL_115KV_TB2 355744	23.06 -1.39 0.00	20.22 -1.50 0.00	18.32 -1.11 0.00	17.92 -1.00 0.00	19.33 -1.43 0.00	19.98 -1.48 0.00	21.18 -1.74 0.00	20.82 -1.23 0.00	19.91 -1.16 0.00	18.15 -1.16 0.00	18.43 -1.32 0.00	17.84 -1.20 0.00	17.77 -1.38 0.00	16.82 -1.36 0.00	17.53 -1.36 0.00	18.51 -1.48 0.00	20.01 -1.74 0.00	23.92 -2.17 0.00	30.40 -2.43 0.00	36.57 -2.50 0.00	38.83 -2.48 0.00	34.12 -2.10 0.00	28.33 -1.71 0.00	24.35 -0.86 0.00
HOWARD_WT_PWR 323690	23.11 -1.35 0.00	20.30 -1.41 0.00	18.32 -1.11 0.00	17.94 -0.98 0.00	19.43 -1.33 0.00	20.13 -1.33 0.00	21.43 -1.49 0.00	20.90 -1.15 0.00	20.04 -1.03 0.00	18.23 -1.08 0.00	18.53 -1.23 0.00	17.88 -1.16 0.00	17.86 -1.28 0.00	16.93 -1.25 0.00	17.64 -1.25 0.00	18.67 -1.32 0.00	20.21 -1.54 0.00	24.34 -1.75 0.00	31.03 -1.81 0.00	37.43 -1.64 0.00	39.79 -1.53 0.00	35.03 -1.19 0.00	29.02 -1.02 0.00	24.67 -0.53 0.00
HQ_GEN_CEDARS 23644	24.75 0.29 0.00	21.78 0.07 0.00	19.44 0.02 0.00	18.91 -0.02 0.00	21.03 0.27 0.00	21.74 0.28 0.00	23.20 0.28 0.00	22.36 0.31 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.11 0.00	18.28 0.09 0.00	18.96 0.08 0.00	19.87 -0.12 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.29 0.46 0.00	39.74 0.66 0.00	42.06 0.74 0.00	36.84 0.62 0.00	30.58 0.54 0.00	25.61 0.40 0.00
HQ_GEN_CEDARS_PROXY 323590	24.75 0.29 0.00	21.78 0.07 0.00	19.44 0.02 0.00	18.91 -0.02 0.00	21.03 0.27 0.00	21.74 0.28 0.00	23.20 0.28 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.12 0.00	18.28 0.09 0.00	18.96 0.08 0.00	19.87 -0.12 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.29 0.46 0.00	39.74 0.66 0.00	42.06 0.74 0.00	36.84 0.62 0.00	30.58 0.54 0.00	25.61 0.40 0.00

HQ_GEN_IMPORT 323601	24.53 0.07 0.00	21.76 0.04 0.00	19.42 0.00 0.00	18.91 -0.02 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.14 0.09 0.00	21.16 0.08 0.00	19.37 0.06 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.20 0.02 0.00	18.91 0.02 0.00	19.99 0.00 0.00	21.79 0.04 0.00	26.17 0.08 0.00	32.96 0.13 0.00	39.23 0.16 0.00	41.52 0.21 0.00	36.41 0.18 0.00	30.19 0.15 0.00	25.31 0.10 0.00
HQ_GEN_WHEEL 23651	24.53 0.07 0.00	21.76 0.04 0.00	19.42 0.00 0.00	18.91 -0.02 0.00	20.82 0.06 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.14 0.09 0.00	21.16 0.08 0.00	19.37 0.06 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.20 0.02 0.00	18.91 0.02 0.00	19.99 0.00 0.00	21.79 0.04 0.00	26.17 0.08 0.00	32.96 0.13 0.00	39.23 0.16 0.00	41.52 0.21 0.00	36.41 0.18 0.00	30.19 0.15 0.00	25.31 0.10 0.00
HUDSON AVE_GT_3 23810	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.51 1.05 0.00	24.02 1.10 0.00	23.09 1.04 0.00	22.19 1.12 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.15 1.10 0.00	20.32 1.17 0.00	19.35 1.16 0.00	20.10 1.21 0.00	21.25 1.26 0.00	23.01 1.26 0.00	27.45 1.36 0.00	34.37 1.54 0.00	40.75 1.68 0.00	43.13 1.82 0.00	37.74 1.52 0.00	31.24 1.20 0.00	26.19 0.98 0.00
HUDSON AVE_GT_4 23540	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.51 1.05 0.00	24.02 1.10 0.00	23.09 1.04 0.00	22.19 1.12 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.15 1.10 0.00	20.32 1.17 0.00	19.35 1.16 0.00	20.10 1.21 0.00	21.25 1.26 0.00	23.01 1.26 0.00	27.45 1.36 0.00	34.37 1.54 0.00	40.75 1.68 0.00	43.13 1.82 0.00	37.74 1.52 0.00	31.24 1.20 0.00	26.19 0.98 0.00
HUDSON AVE_GT_5 23657	25.61 1.15 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.51 1.05 0.00	24.02 1.10 0.00	23.09 1.04 0.00	22.19 1.12 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.15 1.10 0.00	20.32 1.17 0.00	19.35 1.16 0.00	20.10 1.21 0.00	21.25 1.26 0.00	23.01 1.26 0.00	27.45 1.36 0.00	34.37 1.54 0.00	40.75 1.68 0.00	43.13 1.82 0.00	37.74 1.52 0.00	31.24 1.20 0.00	26.19 0.98 0.00
HUDSON_AVE_10 24168	25.51 1.05 0.00	22.81 1.11 0.01	20.40 0.99 0.01	19.92 1.00 0.01	21.68 0.93 0.01	22.39 0.94 0.02	23.89 0.99 0.02	22.95 0.90 0.00	22.08 1.01 0.00	20.33 1.02 0.00	20.83 1.07 0.00	20.05 1.01 0.00	20.22 1.07 0.00	19.26 1.07 0.00	20.00 1.11 0.00	21.21 1.16 -0.06	22.93 1.15 -0.03	27.41 1.20 -0.12	34.18 1.35 0.00	40.54 1.48 0.02	42.88 1.57 0.00	37.56 1.34 0.00	31.16 1.02 -0.10	26.07 0.83 -0.03
HUDSON___115KV_TB 4 355613	25.00 0.54 0.00	22.26 0.54 0.00	19.89 0.47 0.00	19.42 0.49 0.00	21.24 0.48 0.00	21.98 0.52 0.00	23.45 0.53 0.00	22.40 0.35 0.00	21.32 0.25 0.00	19.48 0.17 0.00	19.98 0.22 0.00	19.23 0.19 0.00	19.34 0.19 0.00	18.37 0.18 0.00	19.10 0.21 0.00	20.25 0.26 0.00	22.03 0.28 0.00	26.51 0.42 0.00	33.39 0.56 0.00	39.70 0.63 0.00	42.06 0.74 0.00	36.80 0.58 0.00	30.55 0.51 0.00	25.63 0.43 0.00
HUNTER MOUNT___DRP 323613	25.14 0.68 0.00	22.37 0.65 0.00	19.99 0.56 0.00	19.49 0.57 0.00	21.34 0.58 0.00	22.08 0.62 0.00	23.54 0.62 0.00	22.49 0.44 0.00	21.37 0.29 0.00	19.50 0.19 0.00	20.00 0.24 0.00	19.23 0.19 0.00	19.34 0.19 0.00	18.37 0.18 0.00	19.08 0.19 0.00	20.25 0.26 0.00	22.05 0.30 0.00	26.56 0.47 0.00	33.49 0.66 0.00	39.85 0.78 0.00	42.30 0.99 0.00	36.98 0.76 0.00	30.70 0.66 0.00	25.78 0.58 0.00
HUNTINGTON_RES_REC 323705	26.03 1.57 -0.01	25.45 1.58 -2.16	21.59 1.44 -0.73	21.12 1.44 -0.76	22.85 1.43 -0.66	23.39 1.42 -0.51	24.83 1.47 -0.44	23.88 1.35 -0.49	22.93 1.33 -0.53	21.34 1.29 -0.74	21.85 1.30 -0.79	21.11 1.24 -0.83	21.27 1.30 -0.82	22.05 1.29 -2.57	22.81 1.34 -2.58	24.71 1.48 -3.24	26.10 1.50 -2.85	30.59 1.72 -2.78	38.18 2.13 -3.21	44.23 2.34 -2.82	47.03 2.48 -3.24	41.52 2.21 -3.09	34.07 1.83 -2.20	29.29 1.51 -2.57
HUNTLEY___63 23557	22.48 -1.98 0.00	19.61 -2.11 0.00	17.77 -1.65 0.00	17.37 -1.55 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.42 -2.50 0.00	20.31 -1.74 0.00	19.34 -1.73 0.00	17.59 -1.72 0.00	17.86 -1.90 0.00	17.35 -1.69 0.00	17.25 -1.90 0.00	16.33 -1.85 0.00	17.04 -1.85 0.00	17.99 -2.00 0.00	19.47 -2.28 0.00	23.32 -2.77 0.00	29.65 -3.18 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.84 -1.36 0.00
HUNTLEY___64 23558	22.48 -1.98 0.00	19.61 -2.11 0.00	17.77 -1.65 0.00	17.37 -1.55 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.42 -2.50 0.00	20.31 -1.74 0.00	19.34 -1.73 0.00	17.59 -1.72 0.00	17.86 -1.90 0.00	17.35 -1.69 0.00	17.25 -1.90 0.00	16.33 -1.85 0.00	17.04 -1.85 0.00	17.99 -2.00 0.00	19.47 -2.28 0.00	23.32 -2.77 0.00	29.65 -3.18 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.84 -1.36 0.00
HUNTLEY___65 23559	22.48 -1.98 0.00	19.61 -2.11 0.00	17.77 -1.65 0.00	17.37 -1.55 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.42 -2.50 0.00	20.31 -1.74 0.00	19.34 -1.73 0.00	17.59 -1.72 0.00	17.86 -1.90 0.00	17.35 -1.69 0.00	17.25 -1.90 0.00	16.33 -1.85 0.00	17.04 -1.85 0.00	17.99 -2.00 0.00	19.47 -2.28 0.00	23.32 -2.77 0.00	29.65 -3.18 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.84 -1.36 0.00
HUNTLEY___66 23560	22.48 -1.98 0.00	19.61 -2.11 0.00	17.77 -1.65 0.00	17.37 -1.55 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.42 -2.50 0.00	20.31 -1.74 0.00	19.34 -1.73 0.00	17.59 -1.72 0.00	17.86 -1.90 0.00	17.35 -1.69 0.00	17.25 -1.90 0.00	16.33 -1.85 0.00	17.04 -1.85 0.00	17.99 -2.00 0.00	19.47 -2.28 0.00	23.32 -2.77 0.00	29.65 -3.18 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.84 -1.36 0.00
HUNTLEY___67 23561	22.45 -2.01 0.00	19.61 -2.11 0.00	17.75 -1.67 0.00	17.35 -1.57 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.49 -2.43 0.00	20.33 -1.72 0.00	19.38 -1.69 0.00	17.61 -1.70 0.00	17.90 -1.86 0.00	17.39 -1.66 0.00	17.29 -1.86 0.00	16.38 -1.80 0.00	17.08 -1.81 0.00	18.03 -1.96 0.00	19.51 -2.24 0.00	23.35 -2.74 0.00	29.68 -3.15 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.82 -1.39 0.00
HUNTLEY___68 23562	22.45 -2.01 0.00	19.61 -2.11 0.00	17.75 -1.67 0.00	17.35 -1.57 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.49 -2.43 0.00	20.33 -1.72 0.00	19.38 -1.69 0.00	17.61 -1.70 0.00	17.90 -1.86 0.00	17.39 -1.66 0.00	17.29 -1.86 0.00	16.38 -1.80 0.00	17.08 -1.81 0.00	18.03 -1.96 0.00	19.51 -2.24 0.00	23.35 -2.74 0.00	29.68 -3.15 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.82 -1.39 0.00



HYLAND___LFGE 323620	23.99 -0.47 0.00	20.93 -0.78 0.00	18.84 -0.58 0.00	18.43 -0.49 0.00	19.99 -0.77 0.00	20.65 -0.82 0.00	22.07 -0.85 0.00	21.46 -0.59 0.00	20.35 -0.72 0.00	18.33 -0.98 0.00	18.51 -1.24 0.00	17.81 -1.24 0.00	17.71 -1.44 0.00	16.77 -1.42 0.00	17.55 -1.34 0.00	18.61 -1.38 0.00	20.31 -1.44 0.00	24.68 -1.41 0.00	31.81 -1.02 0.00	38.84 -0.23 0.00	41.27 -0.04 0.00	36.51 0.29 0.00	30.04 0.00 0.00	25.38 0.18 0.00
INDECK___CORINTH 23802	25.26 0.81 0.00	22.45 0.74 0.00	20.12 0.70 0.00	19.62 0.70 0.00	21.44 0.68 0.00	22.26 0.79 0.00	23.59 0.67 0.00	22.58 0.53 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.11 0.36 0.00	19.39 0.34 0.00	19.49 0.35 0.00	18.51 0.33 0.00	19.23 0.34 0.00	20.43 0.44 0.00	22.29 0.54 0.00	26.79 0.70 0.00	33.81 0.98 0.00	40.24 1.17 0.00	42.63 1.32 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.86 0.65 0.00
INDECK___ILION 23567	24.48 0.02 0.00	21.74 0.02 0.00	19.46 0.04 0.00	18.96 0.04 0.00	20.78 0.02 0.00	21.50 0.04 0.00	22.97 0.05 0.00	22.09 0.04 0.00	21.11 0.04 0.00	19.35 0.04 0.00	19.80 0.04 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.20 0.02 0.00	18.89 0.00 0.00	20.01 0.02 0.00	21.77 0.02 0.00	26.11 0.03 0.00	32.90 0.07 0.00	39.15 0.08 0.00	41.44 0.12 0.00	36.33 0.11 0.00	30.13 0.09 0.00	25.31 0.10 0.00
INDECK___OLEAN 23982	23.07 -1.39 0.00	20.22 -1.50 0.00	18.28 -1.15 0.00	17.92 -1.00 0.00	19.33 -1.43 0.00	19.96 -1.50 0.00	21.18 -1.74 0.00	20.75 -1.30 0.00	19.91 -1.16 0.00	18.15 -1.16 0.00	18.43 -1.32 0.00	17.84 -1.20 0.00	17.77 -1.38 0.00	16.82 -1.36 0.00	17.53 -1.36 0.00	18.51 -1.48 0.00	20.01 -1.74 0.00	23.92 -2.17 0.00	30.40 -2.43 0.00	36.57 -2.50 0.00	38.84 -2.48 0.00	34.12 -2.10 0.00	28.36 -1.68 0.00	24.35 -0.86 0.00
INDECK___OSWEGO 23783	23.33 -1.12 0.00	20.65 -1.06 0.00	18.53 -0.89 0.00	18.07 -0.85 0.00	19.72 -1.04 0.00	20.39 -1.07 0.00	21.80 -1.12 0.00	21.08 -0.97 0.00	20.17 -0.91 0.00	18.46 -0.85 0.00	18.89 -0.87 0.00	18.21 -0.84 0.00	18.29 -0.86 0.00	17.35 -0.84 0.00	18.02 -0.87 0.00	19.09 -0.90 0.00	20.73 -1.02 0.00	24.92 -1.17 0.00	31.39 -1.44 0.00	37.39 -1.68 0.00	39.58 -1.73 0.00	34.74 -1.49 0.00	28.81 -1.23 0.00	24.20 -1.01 0.00
INDECK___YERKES 23781	22.50 -1.96 0.00	19.63 -2.08 0.00	17.73 -1.69 0.00	17.39 -1.53 0.00	18.74 -2.01 0.00	19.32 -2.15 0.00	20.42 -2.50 0.00	20.18 -1.87 0.00	19.36 -1.71 0.00	17.59 -1.72 0.00	17.88 -1.88 0.00	17.35 -1.69 0.00	17.25 -1.90 0.00	16.35 -1.84 0.00	17.04 -1.85 0.00	18.01 -1.98 0.00	19.47 -2.28 0.00	23.32 -2.77 0.00	29.65 -3.18 0.00	35.63 -3.44 0.00	37.76 -3.55 0.00	33.18 -3.04 0.00	27.70 -2.34 0.00	23.87 -1.34 0.00
INDIAN POINT_GT_1 24139	25.44 0.98 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.63 0.87 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.84 0.79 0.00	21.93 0.86 0.00	20.16 0.85 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.18 1.10 0.00	34.05 1.21 0.00	40.40 1.33 0.00	42.80 1.49 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.01 0.81 0.00
INDIAN POINT_GT_2 23659	25.44 0.98 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.63 0.87 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.84 0.79 0.00	21.93 0.86 0.00	20.16 0.85 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.18 1.10 0.00	34.05 1.21 0.00	40.40 1.33 0.00	42.80 1.49 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.01 0.81 0.00
INDIAN POINT_GT_3 24019	25.44 0.98 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.63 0.87 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.84 0.79 0.00	21.93 0.86 0.00	20.16 0.85 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.18 1.10 0.00	34.05 1.21 0.00	40.40 1.33 0.00	42.80 1.49 0.00	37.45 1.23 0.00	31.00 0.96 0.00	26.01 0.81 0.00
INDIAN POINT___2 23530	25.41 0.95 0.00	22.71 1.00 0.00	20.32 0.89 0.00	19.81 0.89 0.00	21.61 0.85 0.00	22.30 0.84 0.00	23.82 0.89 0.00	22.87 0.82 0.00	21.91 0.84 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.13 1.04 0.00	34.01 1.18 0.00	40.36 1.29 0.00	42.72 1.41 0.00	37.42 1.19 0.00	30.97 0.93 0.00	25.99 0.78 0.00
INDIAN POINT___3 23531	25.41 0.95 0.00	22.71 1.00 0.00	20.32 0.89 0.00	19.81 0.89 0.00	21.61 0.85 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.84 0.79 0.00	21.91 0.84 0.00	20.16 0.85 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.16 1.07 0.00	34.01 1.18 0.00	40.40 1.33 0.00	42.76 1.45 0.00	37.42 1.20 0.00	31.00 0.96 0.00	25.99 0.78 0.00
INGHAM_C_115KV_TB7 356103	24.56 0.10 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.09 0.00	20.86 0.10 0.00	21.59 0.13 0.00	23.06 0.14 0.00	22.18 0.13 0.00	21.20 0.13 0.00	19.41 0.10 0.00	19.86 0.10 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.93 0.04 0.00	20.07 0.08 0.00	21.79 0.04 0.00	26.17 0.08 0.00	32.96 0.13 0.00	39.31 0.23 0.00	41.60 0.29 0.00	36.51 0.29 0.00	30.28 0.24 0.00	25.46 0.25 0.00
IP CORINTH___1 23988	25.27 0.81 0.00	22.45 0.74 0.00	20.12 0.70 0.00	19.62 0.70 0.00	21.44 0.69 0.00	22.26 0.79 0.00	23.59 0.66 0.00	22.58 0.53 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.11 0.36 0.00	19.39 0.34 0.00	19.49 0.34 0.00	18.51 0.33 0.00	19.23 0.34 0.00	20.43 0.44 0.00	22.29 0.54 0.00	26.79 0.70 0.00	33.82 0.98 0.00	40.25 1.17 0.00	42.63 1.32 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.86 0.66 0.00
IP___TICONDEROGA 23804	25.93 1.47 0.00	23.02 1.30 0.00	20.63 1.20 0.00	20.12 1.19 0.00	21.94 1.18 0.00	22.86 1.40 0.00	24.16 1.24 0.00	23.09 1.04 0.00	21.89 0.82 0.00	19.97 0.66 0.00	20.41 0.65 0.00	19.63 0.59 0.00	19.76 0.61 0.00	18.75 0.56 0.00	19.47 0.59 0.00	20.77 0.78 0.00	22.73 0.98 0.00	27.37 1.28 0.00	34.77 1.94 0.00	41.50 2.42 0.00	44.08 2.77 0.00	38.51 2.28 0.00	31.93 1.89 0.00	26.67 1.46 0.00
ISLIP_RES_REC 323679	26.35 1.88 -0.01	25.76 1.82 -2.22	21.85 1.67 -0.76	21.35 1.65 -0.78	23.10 1.66 -0.68	23.65 1.65 -0.53	25.06 1.67 -0.46	24.05 1.50 -0.50	23.09 1.47 -0.55	21.48 1.41 -0.76	22.01 1.44 -0.81	21.25 1.35 -0.86	21.41 1.42 -0.85	22.23 1.40 -2.65	23.00 1.45 -2.65	25.01 1.68 -3.34	26.40 1.72 -2.93	31.00 2.04 -2.88	38.67 2.53 -3.31	45.10 3.13 -2.90	47.99 3.34 -3.33	42.30 2.90 -3.18	34.62 2.31 -2.27	29.75 1.89 -2.65

JAMAICA__27_KV_LOAD 355505	25.61 1.15 0.00	22.84 1.13 0.01	20.44 1.03 0.01	19.94 1.02 0.01	21.70 0.95 0.01	22.41 0.97 0.02	23.91 1.01 0.02	22.98 0.93 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.87 1.11 0.00	20.11 1.07 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.29 1.22 -0.08	22.98 1.20 -0.03	27.50 1.23 -0.18	34.24 1.41 0.00	40.58 1.52 0.02	42.97 1.65 0.00	37.60 1.38 0.00	31.25 1.05 -0.16	26.15 0.88 -0.06
JANIS__SOLAR 323808	24.73 0.27 0.00	21.85 0.13 0.00	19.64 0.21 0.00	19.17 0.25 0.00	20.88 0.13 0.00	21.65 0.19 0.00	23.13 0.21 0.00	22.36 0.31 0.00	21.34 0.27 0.00	19.41 0.10 0.00	19.76 0.00 0.00	18.97 -0.08 0.00	19.01 -0.13 0.00	17.99 -0.20 0.00	18.66 -0.23 0.00	19.83 -0.16 0.00	21.66 -0.09 0.00	26.25 0.16 0.00	33.35 0.52 0.00	40.01 0.94 0.00	42.51 1.20 0.00	37.20 0.98 0.00	30.76 0.72 0.00	25.83 0.63 0.00
JARVIS____ 23743	24.39 -0.07 0.00	21.67 -0.04 0.00	19.40 -0.02 0.00	18.91 -0.02 0.00	20.72 -0.04 0.00	21.42 -0.04 0.00	22.88 -0.05 0.00	22.01 -0.04 0.00	21.01 -0.06 0.00	19.25 -0.06 0.00	19.72 -0.04 0.00	19.01 -0.04 0.00	19.11 -0.04 0.00	18.15 -0.04 0.00	18.85 -0.04 0.00	19.95 -0.04 0.00	21.71 -0.04 0.00	26.04 -0.05 0.00	32.77 -0.07 0.00	39.00 -0.08 0.00	41.23 -0.08 0.00	36.12 -0.11 0.00	29.95 -0.09 0.00	25.13 -0.08 0.00
JENNISON____1 23625	24.90 0.44 0.00	22.06 0.35 0.00	19.83 0.41 0.00	19.32 0.40 0.00	21.07 0.31 0.00	21.87 0.41 0.00	23.31 0.39 0.00	22.51 0.46 0.00	21.53 0.46 0.00	19.66 0.35 0.00	20.09 0.34 0.00	19.33 0.29 0.00	19.43 0.29 0.00	18.40 0.22 0.00	19.10 0.21 0.00	20.27 0.28 0.00	22.08 0.33 0.00	26.56 0.47 0.00	33.59 0.76 0.00	40.09 1.02 0.00	42.55 1.24 0.00	37.20 0.98 0.00	30.82 0.78 0.00	25.91 0.71 0.00
JENNISON____2 23626	24.90 0.44 0.00	22.06 0.35 0.00	19.83 0.41 0.00	19.32 0.40 0.00	21.07 0.31 0.00	21.87 0.41 0.00	23.31 0.39 0.00	22.51 0.46 0.00	21.53 0.46 0.00	19.66 0.35 0.00	20.09 0.34 0.00	19.33 0.29 0.00	19.43 0.29 0.00	18.40 0.22 0.00	19.10 0.21 0.00	20.27 0.28 0.00	22.08 0.33 0.00	26.56 0.47 0.00	33.59 0.76 0.00	40.09 1.02 0.00	42.55 1.24 0.00	37.20 0.98 0.00	30.82 0.78 0.00	25.91 0.71 0.00
JERICOHO_RISE_WT_PWR 323719	24.68 0.22 0.00	21.82 0.11 0.00	19.48 0.06 0.00	18.94 0.02 0.00	20.92 0.17 0.00	21.63 0.17 0.00	23.13 0.21 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.50 0.19 0.00	19.90 0.14 0.00	19.12 0.08 0.00	19.21 0.06 0.00	18.22 0.04 0.00	18.95 0.06 0.00	19.97 -0.02 0.00	21.88 0.13 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.62 0.00	41.97 0.66 0.00	36.80 0.58 0.00	30.49 0.45 0.00	25.51 0.30 0.00
KATONAH__115KV_46KV_TB4 355592	25.53 1.08 0.00	22.84 1.13 0.00	20.39 0.97 0.00	19.91 0.98 0.00	21.71 0.95 0.00	22.41 0.94 0.00	23.91 0.99 0.00	22.95 0.90 0.00	22.02 0.95 0.00	20.22 0.91 0.00	20.67 0.91 0.00	19.88 0.84 0.00	20.09 0.94 0.00	19.11 0.93 0.00	19.85 0.96 0.00	21.03 1.04 0.00	22.84 1.09 0.00	27.32 1.23 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.05 1.74 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.14 0.93 0.00
KCE_NY_1 323755	25.22 0.76 0.00	22.43 0.72 0.00	20.08 0.66 0.00	19.59 0.66 0.00	21.40 0.64 0.00	22.19 0.73 0.00	23.61 0.69 0.00	22.62 0.57 0.00	21.51 0.44 0.00	19.70 0.39 0.00	20.19 0.43 0.00	19.46 0.42 0.00	19.57 0.42 0.00	18.58 0.40 0.00	19.30 0.42 0.00	20.51 0.52 0.00	22.34 0.59 0.00	26.82 0.73 0.00	33.85 1.02 0.00	40.24 1.17 0.00	42.55 1.24 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.89 0.68 0.00
KCE_NY_6_ESR 323823	22.67 -1.78 0.00	19.80 -1.91 0.00	17.91 -1.51 0.00	17.54 -1.38 0.00	18.93 -1.83 0.00	19.51 -1.95 0.00	20.68 -2.25 0.00	20.37 -1.68 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.42 -1.72 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.19 -1.80 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00
KEDC_PORT_JEFF_GT2 24210	26.20 1.74 -0.01	25.43 1.72 -2.00	21.67 1.57 -0.68	21.20 1.57 -0.70	22.95 1.58 -0.61	23.48 1.55 -0.48	24.89 1.56 -0.41	23.85 1.35 -0.45	22.91 1.35 -0.49	21.29 1.29 -0.69	21.79 1.30 -0.73	21.05 1.24 -0.77	21.21 1.30 -0.76	21.85 1.27 -2.39	22.60 1.32 -2.39	24.55 1.56 -3.00	25.96 1.57 -2.64	30.50 1.85 -2.56	38.08 2.26 -2.99	44.58 2.89 -2.62	47.42 3.10 -3.01	41.78 2.68 -2.87	34.19 2.13 -2.01	29.34 1.76 -2.38
KEDC_PORT_JEFF_GT3 24211	26.20 1.74 -0.01	25.43 1.72 -2.00	21.67 1.57 -0.68	21.20 1.57 -0.70	22.95 1.58 -0.61	23.48 1.55 -0.48	24.89 1.56 -0.41	23.85 1.35 -0.45	22.91 1.35 -0.49	21.29 1.29 -0.69	21.79 1.30 -0.73	21.05 1.24 -0.77	21.21 1.30 -0.76	21.85 1.27 -2.39	22.60 1.32 -2.39	24.55 1.56 -3.00	25.96 1.57 -2.64	30.50 1.85 -2.56	38.08 2.26 -2.99	44.58 2.89 -2.62	47.42 3.10 -3.01	41.78 2.68 -2.87	34.19 2.13 -2.01	29.34 1.76 -2.38
KEDC_GLWD_GT4 24219	25.84 1.37 -0.02	33.81 1.41 -10.68	24.39 1.28 -3.69	24.01 1.27 -3.82	25.36 1.27 -3.33	24.96 1.27 -2.23	26.22 1.35 -1.94	25.45 1.28 -2.12	24.66 1.29 -2.30	24.28 1.24 -3.73	25.01 1.28 -3.97	24.44 1.22 -4.17	24.57 1.28 -4.14	32.17 1.25 -12.73	32.95 1.30 -12.76	38.01 1.36 -16.65	37.37 1.39 -14.23	43.03 1.51 -15.43	50.36 1.67 -15.85	54.83 1.88 -13.89	59.25 1.98 -15.96	53.17 1.70 -15.24	43.91 1.44 -12.43	39.78 1.21 -13.36
KEDC_GLWD_GT5 24220	25.84 1.37 -0.02	33.81 1.41 -10.68	24.39 1.28 -3.69	24.01 1.27 -3.82	25.36 1.27 -3.33	24.96 1.27 -2.23	26.22 1.35 -1.94	25.45 1.28 -2.12	24.66 1.29 -2.30	24.28 1.24 -3.73	25.01 1.28 -3.97	24.44 1.22 -4.17	24.57 1.28 -4.14	32.17 1.25 -12.73	32.95 1.30 -12.76	38.01 1.36 -16.65	37.37 1.39 -14.23	43.03 1.51 -15.43	50.36 1.67 -15.85	54.83 1.88 -13.89	59.25 1.98 -15.96	53.17 1.70 -15.24	43.91 1.44 -12.43	39.78 1.21 -13.36
KENSICO____ 23655	25.49 1.03 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.69 0.93 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.91 0.86 0.00	22.00 0.93 0.00	20.24 0.93 0.00	20.71 0.95 0.00	19.96 0.91 0.00	20.12 0.98 0.00	19.15 0.96 0.00	19.89 1.00 0.00	21.07 1.08 0.00	22.84 1.09 0.00	27.26 1.17 0.00	34.14 1.31 0.00	40.52 1.45 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.06 0.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.66 1.20 0.00	22.91 1.19 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.80 1.04 0.00	22.51 1.05 0.00	24.00 1.08 0.00	23.00 0.95 0.00	22.04 0.97 0.00	20.18 0.87 0.00	20.67 0.91 0.00	19.88 0.84 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.29 1.20 0.00	34.28 1.44 0.00	40.75 1.68 0.00	43.34 2.02 0.00	37.85 1.63 0.00	31.27 1.23 0.00	26.29 1.08 0.00

KIAC_JFK_GT1 23816	25.49 1.03 0.00	22.75 1.04 0.01	20.33 0.91 0.01	19.84 0.93 0.01	21.62 0.87 0.01	22.30 0.86 0.02	23.82 0.92 0.02	22.89 0.84 0.00	22.02 0.95 0.00	20.29 0.98 0.00	20.77 1.01 0.00	20.01 0.97 0.00	20.16 1.01 0.00	19.22 1.04 0.00	19.95 1.06 0.00	21.19 1.12 -0.08	22.89 1.11 -0.03	27.37 1.10 -0.18	34.08 1.25 0.00	40.23 1.17 0.02	42.55 1.24 0.00	37.42 1.20 0.00	31.10 0.90 -0.16	26.02 0.76 -0.06
KIAC_JFK_GT2 23817	25.49 1.03 0.00	22.75 1.04 0.01	20.33 0.91 0.01	19.84 0.93 0.01	21.62 0.87 0.01	22.30 0.86 0.02	23.82 0.92 0.02	22.89 0.84 0.00	22.02 0.95 0.00	20.29 0.98 0.00	20.77 1.01 0.00	20.01 0.97 0.00	20.16 1.01 0.00	19.22 1.04 0.00	19.95 1.06 0.00	21.19 1.12 -0.08	22.89 1.11 -0.03	27.37 1.10 -0.18	34.08 1.25 0.00	40.23 1.17 0.02	42.55 1.24 0.00	37.42 1.20 0.00	31.10 0.90 -0.16	26.02 0.76 -0.06
KIAC_JFK____ 323774	25.49 1.03 0.00	22.75 1.04 0.01	20.33 0.91 0.01	19.84 0.93 0.01	21.62 0.87 0.01	22.31 0.86 0.02	23.82 0.92 0.02	22.93 0.88 0.00	22.02 0.95 0.00	20.29 0.98 0.00	20.79 1.03 0.00	20.01 0.97 0.00	20.16 1.01 0.00	19.22 1.04 0.00	19.95 1.06 0.00	21.19 1.12 -0.08	22.89 1.11 -0.03	27.37 1.10 -0.18	34.08 1.25 0.00	40.23 1.17 0.02	42.55 1.24 0.00	37.42 1.19 0.00	31.10 0.90 -0.16	26.02 0.76 -0.06
KINTIGH__24_KV_GSU 356498	22.55 -1.91 0.00	19.72 -2.00 0.00	17.79 -1.63 0.00	17.41 -1.51 0.00	18.85 -1.91 0.00	19.44 -2.02 0.00	20.68 -2.25 0.00	20.31 -1.74 0.00	19.49 -1.58 0.00	17.73 -1.58 0.00	18.06 -1.70 0.00	17.52 -1.52 0.00	17.48 -1.67 0.00	16.57 -1.62 0.00	17.25 -1.64 0.00	18.25 -1.74 0.00	19.75 -2.00 0.00	23.66 -2.43 0.00	29.97 -2.86 0.00	35.91 -3.16 0.00	37.97 -3.34 0.00	33.40 -2.83 0.00	27.82 -2.22 0.00	23.82 -1.39 0.00
KINTIGH____ 23543	22.55 -1.91 0.00	19.72 -2.00 0.00	17.83 -1.59 0.00	17.41 -1.51 0.00	18.85 -1.91 0.00	19.49 -1.97 0.00	20.68 -2.25 0.00	20.44 -1.61 0.00	19.49 -1.58 0.00	17.73 -1.58 0.00	18.06 -1.70 0.00	17.52 -1.52 0.00	17.48 -1.67 0.00	16.57 -1.62 0.00	17.25 -1.64 0.00	18.25 -1.74 0.00	19.75 -2.00 0.00	23.66 -2.43 0.00	29.97 -2.86 0.00	35.91 -3.16 0.00	37.97 -3.35 0.00	33.40 -2.83 0.00	27.82 -2.22 0.00	23.82 -1.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	25.02 0.56 0.00	22.15 0.43 0.00	19.75 0.33 0.00	19.21 0.28 0.00	21.21 0.46 0.00	21.93 0.47 0.00	23.43 0.50 0.00	22.62 0.57 0.00	21.62 0.55 0.00	19.79 0.48 0.00	20.17 0.41 0.00	19.39 0.34 0.00	19.45 0.31 0.00	18.46 0.27 0.00	19.19 0.30 0.00	20.23 0.24 0.00	22.18 0.43 0.00	26.72 0.63 0.00	33.82 0.98 0.00	40.36 1.29 0.00	42.72 1.40 0.00	37.42 1.20 0.00	31.00 0.96 0.00	25.91 0.71 0.00
LACHUTE____HYDRO 323717	25.93 1.47 0.00	23.02 1.30 0.00	20.63 1.20 0.00	20.12 1.19 0.00	21.94 1.18 0.00	22.86 1.39 0.00	24.16 1.24 0.00	23.09 1.04 0.00	21.89 0.82 0.00	19.97 0.66 0.00	20.41 0.65 0.00	19.63 0.59 0.00	19.76 0.61 0.00	18.75 0.56 0.00	19.47 0.59 0.00	20.77 0.78 0.00	22.73 0.98 0.00	27.37 1.28 0.00	34.77 1.94 0.00	41.50 2.42 0.00	44.08 2.77 0.00	38.51 2.28 0.00	31.93 1.89 0.00	26.67 1.46 0.00
LAWRNCV_115KV_TB1 80681	24.39 -0.07 0.00	21.45 -0.26 0.00	19.17 -0.25 0.00	18.64 -0.28 0.00	20.74 -0.02 0.00	21.44 -0.02 0.00	22.88 -0.05 0.00	22.05 0.00 0.00	21.05 -0.02 0.00	19.25 -0.06 0.00	19.62 -0.14 0.00	18.87 -0.17 0.00	18.94 -0.21 0.00	17.95 -0.24 0.00	18.62 -0.26 0.00	19.51 -0.48 0.00	21.53 -0.22 0.00	25.91 -0.18 0.00	32.83 0.00 0.00	39.23 0.16 0.00	41.56 0.25 0.00	36.40 0.18 0.00	30.19 0.15 0.00	25.26 0.05 0.00
LEDERLE____ 23769	25.53 1.08 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.69 0.93 0.00	22.41 0.94 0.00	23.91 0.99 0.00	22.91 0.86 0.00	22.00 0.93 0.00	20.20 0.89 0.00	20.71 0.95 0.00	19.94 0.90 0.00	20.10 0.96 0.00	19.13 0.95 0.00	19.87 0.98 0.00	21.05 1.06 0.00	22.81 1.07 0.00	27.24 1.15 0.00	34.11 1.28 0.00	40.52 1.45 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.09 0.88 0.00
LIGHTHSE_115KV_TB6 355974	23.72 -0.73 0.00	20.98 -0.74 0.00	18.82 -0.60 0.00	18.36 -0.57 0.00	20.05 -0.71 0.00	20.73 -0.73 0.00	22.14 -0.78 0.00	21.41 -0.64 0.00	20.44 -0.63 0.00	18.67 -0.64 0.00	19.11 -0.65 0.00	18.43 -0.61 0.00	18.50 -0.65 0.00	17.53 -0.65 0.00	18.19 -0.70 0.00	19.23 -0.76 0.00	20.90 -0.85 0.00	25.20 -0.89 0.00	31.88 -0.95 0.00	38.06 -1.02 0.00	40.45 -0.87 0.00	35.50 -0.72 0.00	29.41 -0.63 0.00	24.65 -0.55 0.00
LINDEN COGEN____ 23786	25.41 0.95 0.00	22.78 1.06 0.00	20.37 0.95 0.00	19.89 0.96 0.00	21.65 0.89 0.00	22.34 0.88 0.00	23.86 0.94 0.00	22.98 0.93 0.00	22.06 0.99 0.00	20.31 1.00 0.00	20.81 1.05 0.00	20.03 0.99 0.00	20.20 1.05 0.00	19.24 1.05 0.00	19.96 1.08 0.00	21.11 1.12 0.00	22.86 1.11 0.00	27.24 1.15 0.00	34.08 1.25 0.00	40.40 1.33 0.00	42.71 1.41 0.01	37.46 1.23 0.00	30.97 0.93 0.00	25.96 0.76 0.00
LINDHRST_69_KV_BK1 356055	26.35 1.88 -0.01	29.47 1.85 -5.91	23.14 1.65 -2.07	22.71 1.65 -2.14	24.29 1.66 -1.87	24.62 1.67 -1.49	25.96 1.74 -1.29	25.05 1.59 -1.41	24.23 1.62 -1.53	22.95 1.54 -2.09	23.57 1.58 -2.23	22.89 1.50 -2.34	23.04 1.57 -2.32	26.75 1.53 -7.04	27.54 1.59 -7.06	30.84 1.72 -9.13	31.38 1.78 -7.85	36.43 2.03 -8.31	44.13 2.53 -8.77	49.69 2.93 -7.69	53.29 3.14 -8.83	47.38 2.72 -8.44	38.83 2.13 -6.66	34.30 1.79 -7.30
LIPA_MISC_IPP 23656	26.20 1.74 -0.01	25.31 1.69 -1.90	21.64 1.57 -0.64	21.16 1.57 -0.66	22.92 1.58 -0.58	23.46 1.55 -0.45	24.87 1.56 -0.39	23.84 1.37 -0.43	22.92 1.39 -0.46	21.29 1.33 -0.65	21.77 1.32 -0.69	21.03 1.26 -0.73	21.19 1.32 -0.72	21.76 1.31 -2.27	22.52 1.36 -2.27	24.39 1.56 -2.84	25.84 1.59 -2.51	30.37 1.88 -2.41	37.96 2.30 -2.84	44.41 2.85 -2.48	47.27 3.10 -2.85	41.63 2.68 -2.73	34.06 2.13 -1.89	29.22 1.76 -2.25
LISF____SOLAR 323691	26.25 1.78 -0.01	25.39 1.74 -1.94	21.69 1.61 -0.66	21.19 1.59 -0.68	22.95 1.60 -0.59	23.49 1.57 -0.46	24.93 1.60 -0.40	23.92 1.43 -0.44	22.96 1.41 -0.47	21.32 1.35 -0.66	21.81 1.34 -0.71	21.06 1.28 -0.74	21.22 1.34 -0.74	21.82 1.33 -2.31	22.57 1.36 -2.32	24.47 1.58 -2.90	25.92 1.61 -2.56	30.45 1.90 -2.46	38.09 2.37 -2.89	44.54 2.93 -2.53	47.41 3.18 -2.91	41.76 2.75 -2.78	34.17 2.19 -1.94	29.32 1.82 -2.30
LITTLE FALLS____HYD 24013	24.56 0.10 0.00	21.80 0.09 0.00	19.52 0.10 0.00	19.02 0.09 0.00	20.86 0.10 0.00	21.59 0.13 0.00	23.06 0.14 0.00	22.18 0.13 0.00	21.20 0.13 0.00	19.41 0.10 0.00	19.86 0.10 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.93 0.04 0.00	20.07 0.08 0.00	21.79 0.04 0.00	26.17 0.08 0.00	32.96 0.13 0.00	39.31 0.23 0.00	41.60 0.29 0.00	36.51 0.29 0.00	30.28 0.24 0.00	25.46 0.25 0.00

LITTLRIV_115KV_TB1 356100	24.65 0.20 0.00	21.67 -0.04 0.00	19.38 -0.04 0.00	18.83 -0.09 0.00	20.94 0.19 0.00	21.68 0.21 0.00	23.11 0.18 0.00	22.25 0.20 0.00	21.20 0.13 0.00	19.37 0.06 0.00	19.72 -0.04 0.00	18.95 -0.10 0.00	19.01 -0.13 0.00	18.00 -0.18 0.00	18.66 -0.23 0.00	19.57 -0.42 0.00	21.62 -0.13 0.00	26.09 0.00 0.00	33.16 0.33 0.00	39.74 0.66 0.00	42.14 0.83 0.00	36.88 0.65 0.00	30.58 0.54 0.00	25.58 0.38 0.00
LI_NEWBRDGE___DRP 323616	25.81 1.35 -0.01	23.60 1.43 -0.45	20.87 1.32 -0.12	20.38 1.32 -0.13	22.18 1.31 -0.11	22.87 1.33 -0.08	24.39 1.40 -0.07	23.40 1.28 -0.08	22.48 1.33 -0.08	20.69 1.26 -0.13	21.18 1.28 -0.13	20.40 1.22 -0.14	20.57 1.28 -0.14	19.98 1.25 -0.54	20.71 1.28 -0.54	21.88 1.34 -0.55	23.65 1.33 -0.57	27.79 1.46 -0.24	35.26 1.74 -0.69	41.63 1.95 -0.60	44.03 2.02 -0.69	38.62 1.74 -0.66	31.59 1.41 -0.14	26.82 1.21 -0.41
LOCKPORT_115KV_TB60_63_64 80432	22.28 -2.18 0.00	19.41 -2.30 0.00	17.60 -1.83 0.00	17.20 -1.72 0.00	18.56 -2.20 0.00	19.17 -2.30 0.00	20.29 -2.64 0.00	20.15 -1.90 0.00	19.22 -1.85 0.00	17.44 -1.87 0.00	17.74 -2.02 0.00	17.21 -1.83 0.00	17.12 -2.03 0.00	16.22 -1.96 0.00	16.91 -1.98 0.00	17.87 -2.12 0.00	19.33 -2.41 0.00	23.17 -2.92 0.00	29.45 -3.38 0.00	35.40 -3.67 0.00	37.43 -3.88 0.00	32.96 -3.26 0.00	27.49 -2.55 0.00	23.67 -1.54 0.00
LOCKPORT___CC1 323769	22.31 -2.15 0.00	19.43 -2.28 0.00	17.58 -1.85 0.00	17.22 -1.70 0.00	18.58 -2.18 0.00	19.17 -2.30 0.00	20.31 -2.61 0.00	20.02 -2.03 0.00	19.24 -1.83 0.00	17.46 -1.85 0.00	17.76 -1.99 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.24 -1.95 0.00	16.92 -1.96 0.00	17.89 -2.10 0.00	19.36 -2.39 0.00	23.19 -2.90 0.00	29.48 -3.35 0.00	35.40 -3.67 0.00	37.47 -3.84 0.00	32.96 -3.26 0.00	27.49 -2.55 0.00	23.67 -1.54 0.00
LOCKPORT___CC2 323770	22.31 -2.15 0.00	19.43 -2.28 0.00	17.58 -1.85 0.00	17.22 -1.70 0.00	18.58 -2.18 0.00	19.17 -2.30 0.00	20.31 -2.61 0.00	20.02 -2.03 0.00	19.24 -1.83 0.00	17.46 -1.85 0.00	17.76 -1.99 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.24 -1.95 0.00	16.92 -1.96 0.00	17.89 -2.10 0.00	19.36 -2.39 0.00	23.19 -2.90 0.00	29.48 -3.35 0.00	35.40 -3.67 0.00	37.47 -3.84 0.00	32.96 -3.26 0.00	27.49 -2.55 0.00	23.67 -1.54 0.00
LOCKPORT___CC3 323771	22.31 -2.15 0.00	19.43 -2.28 0.00	17.58 -1.85 0.00	17.22 -1.70 0.00	18.58 -2.18 0.00	19.17 -2.30 0.00	20.31 -2.61 0.00	20.02 -2.03 0.00	19.24 -1.83 0.00	17.46 -1.85 0.00	17.76 -1.99 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.24 -1.95 0.00	16.92 -1.96 0.00	17.89 -2.10 0.00	19.36 -2.39 0.00	23.19 -2.90 0.00	29.48 -3.35 0.00	35.40 -3.67 0.00	37.47 -3.84 0.00	32.96 -3.26 0.00	27.49 -2.55 0.00	23.67 -1.54 0.00
LOCUSVLY_69_KV_BK2 55797	25.96 1.49 -0.01	31.88 1.52 -8.64	23.79 1.38 -2.99	23.40 1.38 -3.09	24.83 1.37 -2.70	24.69 1.37 -1.85	25.98 1.44 -1.61	25.15 1.35 -1.76	24.37 1.39 -1.91	23.67 1.33 -3.02	24.36 1.38 -3.22	23.74 1.31 -3.38	23.88 1.38 -3.35	29.83 1.35 -10.30	30.62 1.40 -10.33	34.91 1.48 -13.44	34.75 1.50 -11.51	40.14 1.67 -12.38	47.63 1.97 -12.83	52.46 2.15 -11.24	56.50 2.27 -12.92	50.52 1.96 -12.34	41.61 1.62 -9.95	37.34 1.36 -10.77
LONG_LAKE_PHOENIX 24014	23.43 -1.03 0.00	20.74 -0.98 0.00	18.59 -0.84 0.00	18.15 -0.78 0.00	19.78 -0.98 0.00	20.47 -0.99 0.00	21.89 -1.03 0.00	21.19 -0.86 0.00	20.27 -0.80 0.00	18.56 -0.75 0.00	18.99 -0.77 0.00	18.30 -0.74 0.00	18.38 -0.77 0.00	17.44 -0.75 0.00	18.11 -0.77 0.00	19.19 -0.80 0.00	20.84 -0.91 0.00	25.07 -1.02 0.00	31.55 -1.28 0.00	37.55 -1.52 0.00	39.78 -1.53 0.00	34.92 -1.30 0.00	28.93 -1.11 0.00	24.30 -0.91 0.00
LOVETT___3 23632	25.39 0.93 0.00	22.69 0.98 0.00	20.30 0.87 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.82 0.77 0.00	21.89 0.82 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.13 1.04 0.00	33.98 1.15 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.38 1.16 0.00	30.94 0.90 0.00	25.96 0.76 0.00
LOVETT___4 23642	25.39 0.93 0.00	22.69 0.98 0.00	20.30 0.87 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.82 0.77 0.00	21.89 0.82 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.13 1.04 0.00	33.98 1.15 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.38 1.16 0.00	30.94 0.90 0.00	25.96 0.76 0.00
LOVETT___5 23593	25.39 0.93 0.00	22.69 0.98 0.00	20.30 0.87 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.82 0.77 0.00	21.89 0.82 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.13 1.04 0.00	33.98 1.15 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.38 1.16 0.00	30.94 0.90 0.00	25.96 0.76 0.00
LOWER RAQUET___HYD 24057	24.29 -0.17 0.00	21.37 -0.35 0.00	19.09 -0.33 0.00	18.55 -0.38 0.00	20.63 -0.12 0.00	21.33 -0.13 0.00	22.79 -0.14 0.00	21.94 -0.11 0.00	20.94 -0.13 0.00	19.15 -0.16 0.00	19.52 -0.24 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.84 -0.35 0.00	18.51 -0.38 0.00	19.39 -0.60 0.00	21.40 -0.35 0.00	25.78 -0.31 0.00	32.67 -0.16 0.00	39.07 0.00 0.00	41.40 0.08 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.15 -0.05 0.00
LOWER___HUDSON 24059	24.95 0.49 0.00	22.19 0.48 0.00	19.87 0.45 0.00	19.38 0.45 0.00	21.17 0.41 0.00	21.91 0.45 0.00	23.40 0.48 0.00	22.42 0.37 0.00	21.32 0.25 0.00	19.56 0.25 0.00	20.07 0.32 0.00	19.35 0.30 0.00	19.47 0.33 0.00	18.51 0.33 0.00	19.21 0.32 0.00	20.37 0.38 0.00	22.16 0.41 0.00	26.61 0.52 0.00	33.49 0.66 0.00	39.81 0.74 0.00	41.93 0.62 0.00	36.77 0.54 0.00	30.52 0.48 0.00	25.53 0.33 0.00
LOWVILLE_115KV_TB2 356335	24.07 -0.39 0.00	21.28 -0.43 0.00	19.11 -0.31 0.00	18.60 -0.32 0.00	20.45 -0.31 0.00	21.23 -0.24 0.00	22.81 -0.11 0.00	21.96 -0.09 0.00	20.94 -0.13 0.00	19.10 -0.21 0.00	19.50 -0.26 0.00	18.74 -0.30 0.00	18.67 -0.48 0.00	17.64 -0.55 0.00	18.28 -0.60 0.00	19.33 -0.66 0.00	21.14 -0.61 0.00	25.51 -0.57 0.00	32.44 -0.39 0.00	38.84 -0.23 0.00	41.27 -0.04 0.00	36.08 -0.14 0.00	29.92 -0.12 0.00	25.10 -0.10 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.22 0.76 0.00	22.43 0.72 0.00	20.08 0.66 0.00	19.59 0.66 0.00	21.40 0.64 0.00	22.17 0.71 0.00	23.61 0.69 0.00	22.60 0.55 0.00	21.51 0.44 0.00	19.70 0.39 0.00	20.17 0.41 0.00	19.44 0.40 0.00	19.57 0.42 0.00	18.59 0.40 0.00	19.30 0.42 0.00	20.49 0.50 0.00	22.34 0.59 0.00	26.82 0.73 0.00	33.82 0.98 0.00	40.25 1.17 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.91 0.87 0.00	25.86 0.66 0.00

LUTHERNY_35_KV_BK2 355980	25.22 0.76 0.00	22.43 0.72 0.00	20.08 0.66 0.00	19.59 0.66 0.00	21.40 0.64 0.00	22.17 0.71 0.00	23.63 0.71 0.00	22.60 0.55 0.00	21.51 0.44 0.00	19.70 0.39 0.00	20.19 0.43 0.00	19.46 0.42 0.00	19.57 0.42 0.00	18.59 0.40 0.00	19.30 0.42 0.00	20.51 0.52 0.00	22.34 0.59 0.00	26.82 0.73 0.00	33.85 1.02 0.00	40.25 1.17 0.00	42.55 1.24 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.89 0.68 0.00
LWR___OSWEGATCHIE_HYD 23850	23.94 -0.51 0.00	21.11 -0.61 0.00	18.92 -0.50 0.00	18.39 -0.53 0.00	20.32 -0.44 0.00	21.05 -0.41 0.00	22.53 -0.39 0.00	21.72 -0.33 0.00	20.71 -0.36 0.00	18.90 -0.41 0.00	19.28 -0.47 0.00	18.53 -0.51 0.00	18.55 -0.59 0.00	17.55 -0.64 0.00	18.19 -0.70 0.00	19.15 -0.84 0.00	21.03 -0.72 0.00	25.38 -0.70 0.00	32.24 -0.59 0.00	38.60 -0.47 0.00	40.98 -0.33 0.00	35.82 -0.40 0.00	29.74 -0.30 0.00	24.90 -0.30 0.00
LYONS_FALL_HYD 23570	24.26 -0.20 0.00	21.48 -0.24 0.00	19.29 -0.14 0.00	18.77 -0.15 0.00	20.59 -0.17 0.00	21.35 -0.11 0.00	22.90 -0.02 0.00	22.05 0.00 0.00	21.05 -0.02 0.00	19.21 -0.10 0.00	19.64 -0.12 0.00	18.89 -0.15 0.00	18.90 -0.25 0.00	17.88 -0.31 0.00	18.53 -0.36 0.00	19.61 -0.38 0.00	21.40 -0.35 0.00	25.80 -0.29 0.00	32.70 -0.13 0.00	39.07 0.00 0.00	41.48 0.17 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.23 0.03 0.00
MADISON___COUNTY_LFGE 323628	24.56 0.10 0.00	21.76 0.04 0.00	19.54 0.12 0.00	19.02 0.09 0.00	20.80 0.04 0.00	21.57 0.11 0.00	23.04 0.11 0.00	22.20 0.15 0.00	21.22 0.15 0.00	19.39 0.08 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.17 -0.02 0.00	18.87 -0.02 0.00	19.99 0.00 0.00	21.77 0.02 0.00	26.19 0.10 0.00	33.09 0.26 0.00	39.50 0.43 0.00	41.85 0.54 0.00	36.66 0.43 0.00	30.40 0.36 0.00	25.48 0.28 0.00
MALONE___115KV_TB1 356076	24.85 0.39 0.00	21.95 0.24 0.00	19.60 0.17 0.00	19.06 0.13 0.00	21.09 0.33 0.00	21.81 0.34 0.00	23.31 0.39 0.00	22.51 0.46 0.00	21.49 0.42 0.00	19.68 0.37 0.00	20.04 0.28 0.00	19.25 0.21 0.00	19.32 0.17 0.00	18.33 0.15 0.00	19.02 0.13 0.00	20.03 0.04 0.00	21.99 0.24 0.00	26.48 0.39 0.00	33.55 0.72 0.00	40.13 1.05 0.00	42.43 1.12 0.00	37.20 0.98 0.00	30.79 0.75 0.00	25.73 0.53 0.00
MAPLEWOD_115KV_TB3 80458	24.80 0.34 0.00	22.08 0.37 0.00	19.75 0.33 0.00	19.26 0.34 0.00	21.07 0.31 0.00	21.78 0.32 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.24 0.17 0.00	19.48 0.17 0.00	19.98 0.22 0.00	19.25 0.21 0.00	19.38 0.23 0.00	18.42 0.24 0.00	19.13 0.25 0.00	20.29 0.30 0.00	22.08 0.33 0.00	26.45 0.37 0.00	33.26 0.43 0.00	39.46 0.39 0.00	41.64 0.33 0.00	36.48 0.25 0.00	30.31 0.27 0.00	25.41 0.20 0.00
MAPLE_RIDGE_WT_1 323574	24.19 -0.27 0.00	21.48 -0.24 0.00	19.23 -0.19 0.00	18.73 -0.19 0.00	20.59 -0.17 0.00	21.31 -0.15 0.00	22.79 -0.14 0.00	21.94 -0.11 0.00	20.97 -0.10 0.00	19.21 -0.10 0.00	19.64 -0.12 0.00	18.93 -0.11 0.00	19.01 -0.13 0.00	18.04 -0.15 0.00	18.74 -0.15 0.00	19.81 -0.18 0.00	21.57 -0.17 0.00	25.91 -0.18 0.00	32.63 -0.20 0.00	38.84 -0.23 0.00	41.07 -0.25 0.00	35.97 -0.25 0.00	29.83 -0.21 0.00	25.05 -0.15 0.00
MAPLE_RIDGE_WT_2 323611	24.19 -0.27 0.00	21.48 -0.24 0.00	19.23 -0.19 0.00	18.73 -0.19 0.00	20.59 -0.17 0.00	21.31 -0.15 0.00	22.79 -0.14 0.00	21.94 -0.11 0.00	20.97 -0.10 0.00	19.21 -0.10 0.00	19.64 -0.12 0.00	18.93 -0.11 0.00	19.01 -0.13 0.00	18.04 -0.15 0.00	18.74 -0.15 0.00	19.81 -0.18 0.00	21.57 -0.17 0.00	25.91 -0.18 0.00	32.63 -0.20 0.00	38.84 -0.23 0.00	41.07 -0.25 0.00	35.97 -0.25 0.00	29.83 -0.21 0.00	25.05 -0.15 0.00
MARBLE_RIVER_WT_PWR 323696	24.70 0.24 0.00	21.85 0.13 0.00	19.50 0.08 0.00	18.96 0.04 0.00	20.94 0.19 0.00	21.65 0.19 0.00	23.15 0.23 0.00	22.32 0.27 0.00	21.32 0.25 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.16 0.11 0.00	19.24 0.10 0.00	18.26 0.07 0.00	18.96 0.08 0.00	20.01 0.02 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.29 0.46 0.00	39.74 0.66 0.00	42.01 0.70 0.00	36.84 0.62 0.00	30.52 0.48 0.00	25.56 0.35 0.00
MARSHVLE_115KV_TB1 80742	25.24 0.78 0.00	22.41 0.69 0.00	20.08 0.66 0.00	19.57 0.64 0.00	21.38 0.62 0.00	22.15 0.69 0.00	23.52 0.60 0.00	22.47 0.42 0.00	21.30 0.23 0.00	19.46 0.15 0.00	19.90 0.14 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.98 0.09 0.00	20.15 0.16 0.00	21.99 0.24 0.00	26.53 0.44 0.00	33.72 0.89 0.00	40.40 1.33 0.00	42.97 1.65 0.00	37.64 1.41 0.00	31.18 1.14 0.00	26.06 0.86 0.00
MARSH_HILL_WT_PWR 323713	23.11 -1.35 0.00	20.32 -1.39 0.00	18.32 -1.11 0.00	17.94 -0.98 0.00	19.43 -1.33 0.00	20.13 -1.33 0.00	21.43 -1.49 0.00	20.90 -1.15 0.00	20.04 -1.03 0.00	18.23 -1.08 0.00	18.53 -1.23 0.00	17.88 -1.16 0.00	17.86 -1.28 0.00	16.93 -1.25 0.00	17.64 -1.25 0.00	18.67 -1.32 0.00	20.18 -1.57 0.00	24.31 -1.77 0.00	31.03 -1.81 0.00	37.43 -1.64 0.00	39.74 -1.57 0.00	34.99 -1.23 0.00	29.02 -1.02 0.00	24.67 -0.53 0.00
MCINTYRE_115KV_TB2 80467	24.92 0.46 0.00	21.91 0.20 0.00	19.60 0.17 0.00	19.04 0.11 0.00	21.17 0.42 0.00	21.91 0.45 0.00	23.36 0.44 0.00	22.47 0.42 0.00	21.39 0.32 0.00	19.50 0.19 0.00	19.88 0.12 0.00	19.08 0.04 0.00	19.13 -0.02 0.00	18.11 -0.07 0.00	18.79 -0.09 0.00	19.71 -0.28 0.00	21.79 0.04 0.00	26.32 0.23 0.00	33.49 0.66 0.00	40.17 1.09 0.00	42.59 1.28 0.00	37.27 1.05 0.00	30.91 0.87 0.00	25.86 0.66 0.00
MECO_____69_KV_BK1 80468	25.58 1.13 0.00	22.71 1.00 0.00	20.35 0.93 0.00	19.81 0.89 0.00	21.63 0.87 0.00	22.47 1.01 0.00	23.86 0.94 0.00	22.78 0.73 0.00	21.60 0.53 0.00	19.73 0.42 0.00	20.15 0.40 0.00	19.40 0.36 0.00	19.49 0.34 0.00	18.51 0.33 0.00	19.25 0.36 0.00	20.45 0.46 0.00	22.34 0.59 0.00	26.95 0.86 0.00	34.24 1.41 0.00	40.95 1.88 0.00	43.54 2.23 0.00	38.07 1.85 0.00	31.57 1.53 0.00	26.39 1.18 0.00
MENANDS___115KV_TB5 355628	24.70 0.24 0.00	22.00 0.28 0.00	19.69 0.27 0.00	19.21 0.28 0.00	20.99 0.23 0.00	21.70 0.24 0.00	23.20 0.28 0.00	22.20 0.15 0.00	21.15 0.08 0.00	19.43 0.12 0.00	19.92 0.16 0.00	19.21 0.17 0.00	19.34 0.19 0.00	18.37 0.18 0.00	19.08 0.19 0.00	20.23 0.24 0.00	21.99 0.24 0.00	26.35 0.26 0.00	33.09 0.26 0.00	39.27 0.20 0.00	41.40 0.08 0.00	36.30 0.07 0.00	30.19 0.15 0.00	25.28 0.08 0.00
MG INDUSTRY___DRP 24185	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.05 0.29 0.00	21.76 0.30 0.00	23.24 0.32 0.00	22.25 0.20 0.00	21.20 0.13 0.00	19.43 0.12 0.00	19.90 0.14 0.00	19.20 0.15 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.06 0.17 0.00	20.19 0.20 0.00	21.97 0.22 0.00	26.32 0.23 0.00	33.13 0.30 0.00	39.35 0.27 0.00	41.56 0.25 0.00	36.44 0.22 0.00	30.28 0.24 0.00	25.41 0.20 0.00

MID___OSWEGATCHIE_HYD 23849	23.94 -0.51 0.00	21.11 -0.61 0.00	18.92 -0.50 0.00	18.39 -0.53 0.00	20.32 -0.44 0.00	21.05 -0.41 0.00	22.53 -0.39 0.00	21.72 -0.33 0.00	20.71 -0.36 0.00	18.90 -0.41 0.00	19.28 -0.47 0.00	18.53 -0.51 0.00	18.55 -0.59 0.00	17.55 -0.64 0.00	18.19 -0.70 0.00	19.15 -0.84 0.00	21.03 -0.72 0.00	25.38 -0.70 0.00	32.24 -0.59 0.00	38.60 -0.47 0.00	40.98 -0.33 0.00	35.82 -0.40 0.00	29.74 -0.30 0.00	24.90 -0.30 0.00
MID___RAQUETTE_HYD 23851	24.29 -0.17 0.00	21.37 -0.35 0.00	19.09 -0.33 0.00	18.55 -0.38 0.00	20.63 -0.12 0.00	21.33 -0.13 0.00	22.78 -0.14 0.00	21.96 -0.09 0.00	20.94 -0.13 0.00	19.16 -0.15 0.00	19.52 -0.24 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.84 -0.35 0.00	18.51 -0.38 0.00	19.39 -0.60 0.00	21.40 -0.35 0.00	25.78 -0.31 0.00	32.67 -0.16 0.00	39.07 0.00 0.00	41.40 0.08 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.15 -0.05 0.00
MILLIKEN___1 23584	24.24 -0.22 0.00	21.45 -0.26 0.00	19.27 -0.16 0.00	18.79 -0.13 0.00	20.47 -0.29 0.00	21.20 -0.26 0.00	22.65 -0.28 0.00	21.94 -0.11 0.00	20.99 -0.08 0.00	19.16 -0.15 0.00	19.56 -0.20 0.00	18.83 -0.21 0.00	18.88 -0.27 0.00	17.91 -0.27 0.00	18.61 -0.28 0.00	19.73 -0.26 0.00	21.44 -0.30 0.00	25.88 -0.21 0.00	32.70 -0.13 0.00	39.03 -0.04 0.00	41.35 0.04 0.00	36.30 0.07 0.00	30.04 0.00 0.00	25.20 0.00 0.00
MILLIKEN___2 23585	24.24 -0.22 0.00	21.45 -0.26 0.00	19.27 -0.16 0.00	18.79 -0.13 0.00	20.47 -0.29 0.00	21.20 -0.26 0.00	22.65 -0.28 0.00	21.94 -0.11 0.00	20.99 -0.08 0.00	19.16 -0.15 0.00	19.56 -0.20 0.00	18.83 -0.21 0.00	18.88 -0.27 0.00	17.91 -0.27 0.00	18.61 -0.28 0.00	19.73 -0.26 0.00	21.44 -0.30 0.00	25.88 -0.21 0.00	32.70 -0.13 0.00	39.03 -0.04 0.00	41.35 0.04 0.00	36.30 0.07 0.00	30.04 0.00 0.00	25.20 0.00 0.00
MILLIKEN___DIESEL 23629	24.24 -0.22 0.00	21.45 -0.26 0.00	19.27 -0.16 0.00	18.79 -0.13 0.00	20.47 -0.29 0.00	21.20 -0.26 0.00	22.65 -0.28 0.00	21.94 -0.11 0.00	20.99 -0.08 0.00	19.16 -0.15 0.00	19.56 -0.20 0.00	18.83 -0.21 0.00	18.88 -0.27 0.00	17.91 -0.27 0.00	18.61 -0.28 0.00	19.73 -0.26 0.00	21.44 -0.30 0.00	25.88 -0.21 0.00	32.70 -0.13 0.00	39.03 -0.04 0.00	41.35 0.04 0.00	36.30 0.07 0.00	30.04 0.00 0.00	25.20 0.00 0.00
MILLSEAT___LFGE 323607	22.82 -1.64 0.00	19.87 -1.85 0.00	17.93 -1.50 0.00	17.54 -1.38 0.00	18.97 -1.79 0.00	19.57 -1.89 0.00	20.81 -2.11 0.00	20.48 -1.57 0.00	19.68 -1.39 0.00	17.84 -1.47 0.00	18.14 -1.62 0.00	17.60 -1.45 0.00	17.52 -1.63 0.00	16.60 -1.58 0.00	17.28 -1.61 0.00	18.31 -1.68 0.00	19.86 -1.89 0.00	23.85 -2.24 0.00	30.30 -2.53 0.00	36.49 -2.58 0.00	38.63 -2.68 0.00	34.09 -2.14 0.00	28.27 -1.77 0.00	24.20 -1.01 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.46 1.00 0.00	22.76 1.04 0.00	20.34 0.91 0.00	19.85 0.93 0.00	21.65 0.89 0.00	22.34 0.88 0.00	23.86 0.94 0.00	22.87 0.82 0.00	21.96 0.88 0.00	20.18 0.87 0.00	20.67 0.91 0.00	19.90 0.86 0.00	20.07 0.92 0.00	19.11 0.93 0.00	19.85 0.96 0.00	21.01 1.02 0.00	22.77 1.02 0.00	27.21 1.12 0.00	34.11 1.28 0.00	40.48 1.41 0.00	42.84 1.53 0.00	37.49 1.27 0.00	31.03 0.99 0.00	26.04 0.83 0.00
MILLWOOD_13_KV_LOAD 356217	25.49 1.03 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.87 0.95 0.00	21.67 0.91 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.91 0.86 0.00	21.98 0.91 0.00	20.20 0.89 0.00	20.67 0.91 0.00	19.90 0.86 0.00	20.09 0.94 0.00	19.11 0.93 0.00	19.85 0.96 0.00	21.03 1.04 0.00	22.81 1.07 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.52 1.45 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.06 0.86 0.00
MODEL_CITY_ENERGY 24167	22.09 -2.37 0.00	19.24 -2.48 0.00	17.40 -2.02 0.00	17.03 -1.89 0.00	18.39 -2.37 0.00	18.97 -2.49 0.00	20.10 -2.82 0.00	19.82 -2.23 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.59 -2.17 0.00	17.06 -1.98 0.00	16.98 -2.16 0.00	16.09 -2.09 0.00	16.77 -2.12 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.19 -3.65 0.00	35.01 -4.06 0.00	37.06 -4.25 0.00	32.60 -3.62 0.00	27.18 -2.85 0.00	23.44 -1.77 0.00
MODERN_LFGE___ 323580	22.09 -2.37 0.00	19.24 -2.48 0.00	17.40 -2.02 0.00	17.03 -1.89 0.00	18.39 -2.37 0.00	18.97 -2.49 0.00	20.10 -2.82 0.00	19.82 -2.23 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.59 -2.17 0.00	17.06 -1.98 0.00	16.98 -2.16 0.00	16.09 -2.09 0.00	16.77 -2.12 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.19 -3.65 0.00	35.01 -4.06 0.00	37.06 -4.25 0.00	32.60 -3.62 0.00	27.18 -2.85 0.00	23.44 -1.77 0.00
MOHAWK_PAPER___DRP 24187	24.80 0.34 0.00	22.08 0.37 0.00	19.75 0.33 0.00	19.26 0.34 0.00	21.07 0.31 0.00	21.78 0.32 0.00	23.29 0.37 0.00	22.29 0.24 0.00	21.24 0.17 0.00	19.48 0.17 0.00	19.98 0.22 0.00	19.25 0.21 0.00	19.38 0.23 0.00	18.42 0.24 0.00	19.13 0.25 0.00	20.29 0.30 0.00	22.08 0.33 0.00	26.45 0.37 0.00	33.26 0.43 0.00	39.46 0.39 0.00	41.64 0.33 0.00	36.48 0.25 0.00	30.31 0.27 0.00	25.41 0.20 0.00
MOHICAN___35_KV_115KV_LD 80490	25.36 0.90 0.00	22.54 0.83 0.00	20.18 0.76 0.00	19.70 0.78 0.00	21.51 0.75 0.00	22.32 0.86 0.00	23.68 0.76 0.00	22.67 0.62 0.00	21.56 0.48 0.00	19.72 0.41 0.00	20.19 0.43 0.00	19.44 0.40 0.00	19.55 0.40 0.00	18.57 0.38 0.00	19.29 0.40 0.00	20.51 0.52 0.00	22.38 0.63 0.00	26.90 0.81 0.00	33.98 1.15 0.00	40.44 1.37 0.00	42.80 1.49 0.00	37.45 1.23 0.00	31.06 1.02 0.00	25.96 0.76 0.00
MONGAUP___HYD 23641	25.41 0.95 0.00	22.67 0.95 0.00	20.22 0.80 0.00	19.74 0.81 0.00	21.57 0.81 0.00	22.28 0.82 0.00	23.77 0.85 0.00	22.78 0.73 0.00	21.74 0.67 0.00	19.91 0.60 0.00	20.37 0.61 0.00	19.61 0.57 0.00	19.72 0.57 0.00	18.77 0.58 0.00	19.51 0.62 0.00	20.65 0.66 0.00	22.44 0.70 0.00	26.95 0.86 0.00	33.88 1.05 0.00	40.32 1.25 0.00	42.92 1.61 0.00	37.49 1.27 0.00	30.97 0.93 0.00	26.04 0.83 0.00
MONTAUK___DIESEL 23721	26.13 1.66 -0.01	25.21 1.59 -1.91	21.51 1.44 -0.65	21.03 1.44 -0.67	22.77 1.43 -0.58	23.35 1.44 -0.45	24.76 1.44 -0.39	23.74 1.26 -0.43	22.84 1.31 -0.47	21.26 1.29 -0.65	21.56 1.11 -0.70	20.88 1.10 -0.73	21.10 1.23 -0.73	21.65 1.18 -2.28	22.35 1.17 -2.29	24.31 1.46 -2.86	25.86 1.59 -2.52	30.47 1.96 -2.42	38.18 2.50 -2.85	44.78 3.20 -2.50	47.82 3.64 -2.87	42.19 3.22 -2.74	34.53 2.58 -1.91	29.66 2.19 -2.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.97 -1.49 0.00	20.11 -1.61 0.00	18.24 -1.18 0.00	17.81 -1.12 0.00	19.18 -1.58 0.00	19.87 -1.59 0.00	21.07 -1.86 0.00	20.88 -1.17 0.00	19.95 -1.12 0.00	18.13 -1.18 0.00	18.36 -1.40 0.00	17.77 -1.28 0.00	17.62 -1.53 0.00	16.68 -1.51 0.00	17.38 -1.51 0.00	18.29 -1.70 0.00	19.79 -1.96 0.00	23.74 -2.35 0.00	30.30 -2.53 0.00	36.69 -2.38 0.00	39.04 -2.27 0.00	34.34 -1.88 0.00	28.63 -1.41 0.00	24.62 -0.58 0.00

MORRIS_RIDGE___SOLAR 323848	23.02 -1.44 0.00	20.22 -1.50 0.00	18.22 -1.20 0.00	17.85 -1.08 0.00	19.30 -1.45 0.00	19.96 -1.50 0.00	21.20 -1.72 0.00	20.68 -1.37 0.00	19.81 -1.26 0.00	18.03 -1.28 0.00	18.34 -1.42 0.00	17.73 -1.31 0.00	17.69 -1.46 0.00	16.75 -1.44 0.00	17.47 -1.42 0.00	18.47 -1.52 0.00	19.94 -1.80 0.00	24.00 -2.09 0.00	30.57 -2.26 0.00	36.81 -2.27 0.00	39.08 -2.23 0.00	34.41 -1.81 0.00	28.57 -1.47 0.00	24.37 -0.83 0.00
MORTIMER_115KV_TB3 55949	23.14 -1.32 0.00	20.26 -1.45 0.00	18.24 -1.18 0.00	17.81 -1.12 0.00	19.35 -1.41 0.00	20.00 -1.46 0.00	21.32 -1.60 0.00	20.93 -1.12 0.00	20.00 -1.07 0.00	18.21 -1.10 0.00	18.59 -1.17 0.00	18.00 -1.05 0.00	18.02 -1.13 0.00	17.09 -1.09 0.00	17.76 -1.13 0.00	18.81 -1.18 0.00	20.42 -1.33 0.00	24.50 -1.59 0.00	30.96 -1.87 0.00	37.12 -1.95 0.00	39.21 -2.11 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.30 -0.91 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.58 1.13 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.12 1.05 0.00	20.35 1.04 0.00	20.85 1.09 0.00	20.07 1.03 0.00	20.26 1.11 0.00	19.28 1.09 0.00	20.02 1.13 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.37 1.28 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.14 0.93 0.00
MUNSVILLE_WIND_PWR 323609	25.31 0.86 0.00	22.37 0.65 0.00	20.14 0.72 0.00	19.60 0.68 0.00	21.38 0.62 0.00	22.26 0.79 0.00	23.72 0.80 0.00	22.93 0.88 0.00	21.93 0.86 0.00	19.95 0.64 0.00	20.35 0.59 0.00	19.54 0.49 0.00	19.63 0.48 0.00	18.53 0.34 0.00	19.19 0.30 0.00	20.41 0.42 0.00	22.31 0.56 0.00	26.98 0.89 0.00	34.31 1.48 0.00	41.14 2.07 0.00	43.75 2.44 0.00	38.14 1.92 0.00	31.63 1.59 0.00	26.56 1.36 0.00
N SALMON___HYD 24042	24.85 0.39 0.00	21.95 0.24 0.00	19.60 0.17 0.00	19.06 0.13 0.00	21.09 0.33 0.00	21.80 0.34 0.00	23.31 0.39 0.00	22.49 0.44 0.00	21.49 0.42 0.00	19.68 0.37 0.00	20.04 0.28 0.00	19.25 0.21 0.00	19.32 0.17 0.00	18.33 0.14 0.00	19.02 0.13 0.00	20.03 0.04 0.00	21.99 0.24 0.00	26.48 0.39 0.00	33.55 0.72 0.00	40.13 1.06 0.00	42.43 1.12 0.00	37.20 0.98 0.00	30.79 0.75 0.00	25.73 0.53 0.00
N.AKRON___115KV_KNAPP 355671	22.77 -1.69 0.00	19.83 -1.89 0.00	17.93 -1.50 0.00	17.52 -1.40 0.00	18.93 -1.83 0.00	19.55 -1.91 0.00	20.77 -2.15 0.00	20.59 -1.46 0.00	19.64 -1.43 0.00	17.80 -1.51 0.00	18.10 -1.66 0.00	17.56 -1.49 0.00	17.48 -1.67 0.00	16.57 -1.62 0.00	17.25 -1.64 0.00	18.25 -1.74 0.00	19.79 -1.96 0.00	23.77 -2.32 0.00	30.20 -2.63 0.00	36.38 -2.70 0.00	38.46 -2.85 0.00	33.94 -2.28 0.00	28.18 -1.86 0.00	24.15 -1.06 0.00
N.E_GEN_SANDY PD 24062	25.00 0.54 0.00	22.26 0.54 0.00	19.93 0.50 0.00	19.42 0.49 0.00	21.24 0.48 0.00	21.96 0.49 0.00	23.50 0.57 0.00	22.49 0.44 0.00	21.34 0.27 0.00	19.60 0.29 0.00	20.13 0.37 0.00	19.44 0.40 0.00	19.55 0.40 0.00	18.60 0.42 0.00	19.30 0.42 0.00	20.42 0.46 0.03	22.24 0.50 0.01	30.60 0.63 -3.89	35.10 0.76 -1.51	40.40 0.82 -0.50	41.89 0.58 0.00	36.77 0.54 0.00	30.43 0.48 0.08	25.45 0.28 0.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.44 0.98 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.63 0.87 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.84 0.79 0.00	21.91 0.84 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.16 1.07 0.00	34.01 1.18 0.00	40.36 1.29 0.00	42.76 1.45 0.00	37.45 1.23 0.00	30.97 0.93 0.00	25.99 0.78 0.00
N.QUEENS_27_KV_LOAD 356247	25.53 1.08 0.00	22.95 1.24 0.00	20.55 1.13 0.00	20.10 1.17 0.00	21.80 1.04 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.09 1.04 0.00	22.25 1.16 -0.02	20.50 1.18 -0.02	21.00 1.23 -0.02	20.26 1.20 -0.02	20.43 1.26 -0.02	19.44 1.24 -0.02	20.19 1.28 -0.02	21.35 1.28 -0.07	23.04 1.26 -0.03	27.50 1.25 -0.16	34.14 1.31 0.00	40.48 1.41 0.00	42.63 1.32 0.00	37.42 1.20 0.00	31.18 0.99 -0.15	26.02 0.76 -0.06
N.TROY___115KV_TB1 355778	24.95 0.49 0.00	22.19 0.48 0.00	19.87 0.45 0.00	19.38 0.45 0.00	21.17 0.42 0.00	21.91 0.45 0.00	23.43 0.50 0.00	22.40 0.35 0.00	21.32 0.25 0.00	19.56 0.25 0.00	20.07 0.32 0.00	19.35 0.30 0.00	19.47 0.33 0.00	18.51 0.33 0.00	19.21 0.32 0.00	20.37 0.38 0.00	22.16 0.41 0.00	26.61 0.52 0.00	33.49 0.66 0.00	39.82 0.74 0.00	41.93 0.62 0.00	36.77 0.54 0.00	30.52 0.48 0.00	25.53 0.33 0.00
NARROWS_GT1_1 24228	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT1_2 24229	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT1_3 24230	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT1_4 24231	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT1_5 24232	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00

NARROWS_GT1_6 24233	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT1_7 24234	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT1_8 24235	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_1 24236	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_2 24237	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_3 24238	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_4 24239	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_5 24240	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_6 24241	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_7 24242	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NARROWS_GT2_8 24243	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.14 0.68 0.00	22.37 0.65 0.00	19.99 0.56 0.00	19.49 0.57 0.00	21.34 0.58 0.00	22.08 0.62 0.00	23.54 0.62 0.00	22.49 0.44 0.00	21.37 0.29 0.00	19.50 0.19 0.00	20.00 0.24 0.00	19.23 0.19 0.00	19.34 0.19 0.00	18.37 0.18 0.00	19.08 0.19 0.00	20.25 0.26 0.00	22.05 0.30 0.00	26.56 0.47 0.00	33.49 0.66 0.00	39.85 0.78 0.00	42.30 0.99 0.00	36.98 0.76 0.00	30.70 0.66 0.00	25.78 0.58 0.00
NCHELSEA_115KV_TR2 355582	25.56 1.10 0.00	22.84 1.13 0.00	20.39 0.97 0.00	19.91 0.98 0.00	21.73 0.98 0.00	22.43 0.97 0.00	23.93 1.01 0.00	22.93 0.88 0.00	21.98 0.91 0.00	20.16 0.85 0.00	20.63 0.87 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.04 0.85 0.00	19.80 0.91 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.24 1.15 0.00	34.18 1.35 0.00	40.60 1.52 0.00	43.09 1.78 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NEG CAPITAL___MECHNVIL 23645	25.24 0.78 0.00	22.45 0.74 0.00	20.10 0.68 0.00	19.60 0.68 0.00	21.40 0.64 0.00	22.19 0.73 0.00	23.63 0.71 0.00	22.65 0.60 0.00	21.53 0.46 0.00	19.73 0.42 0.00	20.23 0.47 0.00	19.50 0.46 0.00	19.61 0.46 0.00	18.62 0.44 0.00	19.34 0.45 0.00	20.53 0.54 0.00	22.38 0.63 0.00	26.87 0.78 0.00	33.88 1.05 0.00	40.32 1.25 0.00	42.59 1.28 0.00	37.31 1.09 0.00	30.94 0.90 0.00	25.89 0.68 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.87 -1.59 0.00	20.06 -1.65 0.00	18.04 -1.38 0.00	17.62 -1.31 0.00	19.16 -1.60 0.00	19.79 -1.67 0.00	21.13 -1.79 0.00	20.64 -1.41 0.00	19.81 -1.26 0.00	18.06 -1.25 0.00	18.43 -1.32 0.00	17.84 -1.20 0.00	17.86 -1.28 0.00	16.95 -1.24 0.00	17.62 -1.27 0.00	18.69 -1.30 0.00	20.27 -1.48 0.00	24.34 -1.75 0.00	30.73 -2.10 0.00	36.77 -2.31 0.00	38.88 -2.44 0.00	34.23 -1.99 0.00	28.33 -1.71 0.00	23.97 -1.23 0.00



NEG CENTRAL___DRP 24199	23.68 -0.78 0.00	20.89 -0.83 0.00	18.76 -0.66 0.00	18.32 -0.61 0.00	19.93 -0.83 0.00	20.65 -0.82 0.00	22.05 -0.87 0.00	21.43 -0.62 0.00	20.48 -0.59 0.00	18.71 -0.60 0.00	19.09 -0.67 0.00	18.41 -0.63 0.00	18.46 -0.69 0.00	17.51 -0.67 0.00	18.21 -0.68 0.00	19.29 -0.70 0.00	20.94 -0.80 0.00	25.23 -0.86 0.00	31.88 -0.95 0.00	38.10 -0.98 0.00	40.24 -1.07 0.00	35.46 -0.76 0.00	29.32 -0.72 0.00	24.68 -0.53 0.00
NEG CENTRAL___INDECK 23768	23.75 -0.71 0.00	20.76 -0.95 0.00	18.68 -0.74 0.00	18.28 -0.64 0.00	19.82 -0.93 0.00	20.50 -0.97 0.00	21.89 -1.03 0.00	21.34 -0.71 0.00	20.35 -0.72 0.00	18.44 -0.87 0.00	18.73 -1.03 0.00	18.07 -0.97 0.00	18.02 -1.13 0.00	17.06 -1.13 0.00	17.81 -1.08 0.00	18.87 -1.12 0.00	20.51 -1.24 0.00	24.79 -1.30 0.00	31.68 -1.15 0.00	38.37 -0.70 0.00	40.73 -0.58 0.00	35.93 -0.29 0.00	29.65 -0.39 0.00	25.10 -0.10 0.00
NEG CENTRAL___SENECA 23627	23.72 -0.73 0.00	20.89 -0.83 0.00	18.80 -0.62 0.00	18.36 -0.57 0.00	19.95 -0.81 0.00	20.65 -0.82 0.00	22.05 -0.87 0.00	21.48 -0.57 0.00	20.54 -0.53 0.00	18.73 -0.58 0.00	19.09 -0.67 0.00	18.41 -0.63 0.00	18.44 -0.71 0.00	17.49 -0.69 0.00	18.19 -0.70 0.00	19.27 -0.72 0.00	20.92 -0.83 0.00	25.23 -0.86 0.00	31.91 -0.92 0.00	38.21 -0.86 0.00	40.32 -0.99 0.00	35.57 -0.65 0.00	29.41 -0.63 0.00	24.80 -0.40 0.00
NEG CENTRAL___STATE_STREET 24147	23.75 -0.71 0.00	21.00 -0.72 0.00	18.84 -0.58 0.00	18.38 -0.55 0.00	20.03 -0.73 0.00	20.73 -0.73 0.00	22.17 -0.76 0.00	21.50 -0.55 0.00	20.59 -0.48 0.00	18.83 -0.48 0.00	19.23 -0.53 0.00	18.55 -0.50 0.00	18.61 -0.54 0.00	17.66 -0.53 0.00	18.34 -0.55 0.00	19.45 -0.54 0.00	21.12 -0.63 0.00	25.44 -0.65 0.00	32.08 -0.76 0.00	38.29 -0.78 0.00	40.53 -0.78 0.00	35.61 -0.62 0.00	29.44 -0.60 0.00	24.73 -0.48 0.00
NEG MILLWOOD___DRP 24198	25.63 1.17 0.00	22.91 1.19 0.00	20.45 1.03 0.00	19.95 1.02 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.00 0.95 0.00	22.06 0.99 0.00	20.24 0.93 0.00	20.65 0.89 0.00	19.88 0.84 0.00	20.07 0.92 0.00	19.11 0.93 0.00	19.83 0.94 0.00	21.03 1.04 0.00	22.84 1.09 0.00	27.37 1.28 0.00	34.37 1.54 0.00	40.79 1.72 0.00	43.21 1.90 0.00	37.78 1.56 0.00	31.27 1.23 0.00	26.24 1.03 0.00
NEG NORTH_FLCN_SEA 23793	24.97 0.51 0.00	22.08 0.37 0.00	19.71 0.29 0.00	19.17 0.25 0.00	21.17 0.42 0.00	21.89 0.43 0.00	23.38 0.46 0.00	22.58 0.53 0.00	21.58 0.51 0.00	19.73 0.42 0.00	20.13 0.38 0.00	19.35 0.30 0.00	19.43 0.29 0.00	18.44 0.25 0.00	19.15 0.26 0.00	20.21 0.22 0.00	22.14 0.39 0.00	26.64 0.55 0.00	33.68 0.85 0.00	40.21 1.13 0.00	42.51 1.20 0.00	37.27 1.05 0.00	30.88 0.84 0.00	25.83 0.63 0.00
NEG NORTH_KES_CHATEGAY 23792	24.73 0.27 0.00	21.89 0.17 0.00	19.52 0.10 0.00	18.98 0.06 0.00	20.99 0.23 0.00	21.70 0.24 0.00	23.17 0.25 0.00	22.36 0.31 0.00	21.34 0.27 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.14 0.10 0.00	19.22 0.08 0.00	18.24 0.05 0.00	18.95 0.06 0.00	19.97 -0.02 0.00	21.90 0.15 0.00	26.35 0.26 0.00	33.36 0.53 0.00	39.82 0.74 0.00	42.10 0.78 0.00	36.91 0.69 0.00	30.58 0.54 0.00	25.58 0.38 0.00
NEG NORTH___ALICE_FALLS 23915	25.02 0.56 0.00	22.15 0.43 0.00	19.75 0.33 0.00	19.21 0.28 0.00	21.21 0.46 0.00	21.93 0.47 0.00	23.43 0.50 0.00	22.62 0.57 0.00	21.62 0.55 0.00	19.79 0.48 0.00	20.17 0.41 0.00	19.39 0.34 0.00	19.45 0.31 0.00	18.46 0.27 0.00	19.19 0.30 0.00	20.23 0.24 0.00	22.18 0.43 0.00	26.72 0.63 0.00	33.82 0.98 0.00	40.36 1.29 0.00	42.72 1.40 0.00	37.42 1.20 0.00	31.00 0.96 0.00	25.91 0.71 0.00
NEG NORTH___LWR_SARANAC 23913	25.02 0.56 0.00	22.15 0.43 0.00	19.75 0.33 0.00	19.21 0.28 0.00	21.21 0.46 0.00	21.93 0.47 0.00	23.43 0.50 0.00	22.62 0.57 0.00	21.62 0.55 0.00	19.79 0.48 0.00	20.17 0.41 0.00	19.39 0.34 0.00	19.45 0.31 0.00	18.46 0.27 0.00	19.19 0.30 0.00	20.23 0.24 0.00	22.18 0.43 0.00	26.72 0.63 0.00	33.82 0.98 0.00	40.36 1.29 0.00	42.72 1.40 0.00	37.42 1.20 0.00	31.00 0.96 0.00	25.91 0.71 0.00
NEG NORTH___PLATTSBURG 23628	25.02 0.56 0.00	22.15 0.43 0.00	19.75 0.33 0.00	19.21 0.28 0.00	21.21 0.46 0.00	21.93 0.47 0.00	23.43 0.50 0.00	22.62 0.57 0.00	21.62 0.55 0.00	19.79 0.48 0.00	20.17 0.42 0.00	19.39 0.34 0.00	19.45 0.31 0.00	18.46 0.27 0.00	19.19 0.30 0.00	20.23 0.24 0.00	22.18 0.43 0.00	26.71 0.63 0.00	33.81 0.98 0.00	40.36 1.29 0.00	42.72 1.41 0.00	37.42 1.19 0.00	31.00 0.96 0.00	25.91 0.70 0.00
NEG WEST_LEA_LOCKPORT 23791	22.31 -2.15 0.00	19.43 -2.28 0.00	17.62 -1.81 0.00	17.22 -1.70 0.00	18.58 -2.18 0.00	19.19 -2.27 0.00	20.31 -2.61 0.00	20.18 -1.87 0.00	19.24 -1.83 0.00	17.46 -1.85 0.00	17.76 -2.00 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.26 -1.93 0.00	16.92 -1.96 0.00	17.89 -2.10 0.00	19.36 -2.39 0.00	23.19 -2.90 0.00	29.48 -3.35 0.00	35.40 -3.67 0.00	37.47 -3.84 0.00	32.96 -3.26 0.00	27.49 -2.55 0.00	23.67 -1.54 0.00
NEG WEST___LANCASTR 23811	22.82 -1.64 0.00	19.98 -1.74 0.00	18.10 -1.32 0.00	17.69 -1.23 0.00	19.10 -1.66 0.00	19.72 -1.74 0.00	20.88 -2.04 0.00	20.59 -1.46 0.00	19.66 -1.41 0.00	17.92 -1.39 0.00	18.20 -1.56 0.00	17.65 -1.39 0.00	17.56 -1.59 0.00	16.64 -1.55 0.00	17.34 -1.55 0.00	18.31 -1.68 0.00	19.79 -1.96 0.00	23.69 -2.40 0.00	30.11 -2.72 0.00	36.18 -2.89 0.00	38.38 -2.93 0.00	33.72 -2.50 0.00	28.06 -1.98 0.00	24.15 -1.06 0.00
NEG_PENN_ALLEGHNY 23528	24.09 -0.37 0.00	21.30 -0.41 0.00	19.13 -0.29 0.00	18.68 -0.25 0.00	20.34 -0.41 0.00	21.05 -0.41 0.00	22.46 -0.46 0.00	21.74 -0.31 0.00	20.82 -0.25 0.00	19.06 -0.25 0.00	19.46 -0.30 0.00	18.78 -0.27 0.00	18.84 -0.31 0.00	17.88 -0.31 0.00	18.59 -0.30 0.00	19.67 -0.32 0.00	21.33 -0.41 0.00	25.62 -0.47 0.00	32.30 -0.53 0.00	38.56 -0.51 0.00	40.86 -0.45 0.00	35.83 -0.40 0.00	29.68 -0.36 0.00	25.00 -0.20 0.00
NEG___GEN_MONROE 24207	23.06 -1.39 0.00	20.22 -1.50 0.00	18.22 -1.20 0.00	17.79 -1.14 0.00	19.33 -1.43 0.00	19.98 -1.48 0.00	21.29 -1.63 0.00	20.90 -1.15 0.00	19.91 -1.16 0.00	18.07 -1.24 0.00	18.43 -1.32 0.00	17.82 -1.22 0.00	17.81 -1.34 0.00	16.89 -1.29 0.00	17.57 -1.32 0.00	18.59 -1.40 0.00	20.18 -1.57 0.00	24.24 -1.85 0.00	30.73 -2.10 0.00	36.89 -2.19 0.00	39.00 -2.31 0.00	34.41 -1.81 0.00	28.57 -1.47 0.00	24.30 -0.91 0.00
NEPA___ENERGY 23901	23.04 -1.42 0.00	20.17 -1.54 0.00	18.28 -1.15 0.00	17.86 -1.06 0.00	19.28 -1.47 0.00	19.96 -1.50 0.00	21.13 -1.79 0.00	20.86 -1.19 0.00	19.93 -1.14 0.00	18.15 -1.16 0.00	18.43 -1.32 0.00	17.86 -1.18 0.00	17.79 -1.36 0.00	16.86 -1.33 0.00	17.55 -1.34 0.00	18.53 -1.46 0.00	20.05 -1.70 0.00	23.98 -2.11 0.00	30.47 -2.36 0.00	36.61 -2.46 0.00	38.83 -2.48 0.00	34.12 -2.10 0.00	28.39 -1.65 0.00	24.37 -0.83 0.00

NEVERSINK___HYD 23608	25.61 1.15 0.00	22.84 1.13 0.00	20.39 0.97 0.00	19.91 0.98 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.95 1.03 0.00	23.00 0.95 0.00	22.00 0.93 0.00	20.12 0.81 0.00	20.63 0.87 0.00	19.84 0.80 0.00	19.97 0.82 0.00	18.98 0.80 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.68 0.93 0.00	27.18 1.10 0.00	34.18 1.35 0.00	40.68 1.60 0.00	43.25 1.94 0.00	37.78 1.56 0.00	31.21 1.17 0.00	26.24 1.03 0.00
NEWKRMKL_115KV_TB1 55635	24.61 0.15 0.00	21.91 0.20 0.00	19.62 0.19 0.00	19.13 0.21 0.00	20.90 0.15 0.00	21.63 0.17 0.00	23.11 0.18 0.00	22.12 0.07 0.00	21.09 0.02 0.00	19.35 0.04 0.00	19.84 0.08 0.00	19.12 0.08 0.00	19.24 0.10 0.00	18.29 0.11 0.00	19.00 0.11 0.00	20.13 0.14 0.00	21.90 0.15 0.00	26.25 0.16 0.00	32.96 0.13 0.00	39.07 0.00 0.00	41.23 -0.08 0.00	36.15 -0.07 0.00	30.07 0.03 0.00	25.20 0.00 0.00
NEWTON___FALLS_HYD 23847	23.94 -0.51 0.00	21.11 -0.61 0.00	18.92 -0.50 0.00	18.39 -0.53 0.00	20.32 -0.44 0.00	21.05 -0.41 0.00	22.53 -0.39 0.00	21.72 -0.33 0.00	20.71 -0.36 0.00	18.90 -0.41 0.00	19.28 -0.47 0.00	18.53 -0.51 0.00	18.55 -0.59 0.00	17.55 -0.64 0.00	18.19 -0.70 0.00	19.15 -0.84 0.00	21.03 -0.72 0.00	25.38 -0.70 0.00	32.24 -0.59 0.00	38.60 -0.47 0.00	40.98 -0.33 0.00	35.82 -0.40 0.00	29.74 -0.30 0.00	24.90 -0.30 0.00
NGRID_A1_DSASP 323792	22.16 -2.30 0.00	19.33 -2.39 0.00	17.48 -1.94 0.00	17.11 -1.82 0.00	18.45 -2.30 0.00	19.06 -2.40 0.00	20.10 -2.82 0.00	19.82 -2.23 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.61 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.75 -2.24 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.98 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
NGRID_A2_DSASP 323793	22.16 -2.30 0.00	19.33 -2.39 0.00	17.48 -1.94 0.00	17.11 -1.82 0.00	18.45 -2.30 0.00	19.06 -2.40 0.00	20.10 -2.82 0.00	19.82 -2.23 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.61 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.75 -2.24 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.98 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
NGRID_A4_DSASP 323807	22.16 -2.30 0.00	19.33 -2.39 0.00	17.48 -1.94 0.00	17.11 -1.82 0.00	18.45 -2.30 0.00	19.06 -2.40 0.00	20.10 -2.82 0.00	19.82 -2.23 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.61 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.75 -2.24 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.98 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 0.00 0.00
NIAGARA_115E_LBMP 323715	21.96 -2.50 0.00	19.13 -2.58 0.00	17.31 -2.12 0.00	16.96 -1.97 0.00	18.29 -2.47 0.00	18.86 -2.60 0.00	19.99 -2.93 0.00	19.74 -2.31 0.00	18.94 -2.13 0.00	17.21 -2.10 0.00	17.49 -2.27 0.00	16.99 -2.06 0.00	16.91 -2.24 0.00	16.02 -2.16 0.00	16.68 -2.21 0.00	17.65 -2.34 0.00	19.07 -2.68 0.00	22.83 -3.26 0.00	29.02 -3.81 0.00	34.82 -4.26 0.00	36.81 -4.50 0.00	32.38 -3.84 0.00	27.04 -3.00 0.00	23.31 -1.89 0.00
NIAGARA_115W_LBMP 323714	22.11 -2.35 0.00	19.28 -2.43 0.00	17.44 -1.98 0.00	17.07 -1.85 0.00	18.43 -2.32 0.00	19.01 -2.45 0.00	20.03 -2.89 0.00	19.78 -2.27 0.00	18.98 -2.09 0.00	17.26 -2.05 0.00	17.55 -2.21 0.00	17.04 -2.00 0.00	16.96 -2.18 0.00	16.08 -2.11 0.00	16.73 -2.15 0.00	17.71 -2.28 0.00	19.14 -2.61 0.00	22.91 -3.18 0.00	29.09 -3.74 0.00	34.85 -4.22 0.00	36.85 -4.46 0.00	32.42 -3.80 0.00	27.06 -2.97 0.00	23.34 -1.86 0.00
NIAGARA_230_LBMP 323716	22.26 -2.20 0.00	19.41 -2.30 0.00	17.56 -1.86 0.00	17.18 -1.74 0.00	18.56 -2.20 0.00	19.14 -2.32 0.00	20.31 -2.61 0.00	20.00 -2.05 0.00	19.22 -1.85 0.00	17.46 -1.85 0.00	17.76 -1.99 0.00	17.25 -1.79 0.00	17.18 -1.97 0.00	16.28 -1.91 0.00	16.94 -1.95 0.00	17.93 -2.06 0.00	19.38 -2.37 0.00	23.19 -2.90 0.00	29.45 -3.38 0.00	35.28 -3.79 0.00	37.31 -4.01 0.00	32.78 -3.44 0.00	27.40 -2.64 0.00	23.59 -1.61 0.00
NIAGARA___115KV_198_GIBSON 55903	22.11 -2.35 0.00	19.28 -2.43 0.00	17.48 -1.94 0.00	17.07 -1.85 0.00	18.43 -2.32 0.00	19.04 -2.43 0.00	20.06 -2.87 0.00	19.93 -2.12 0.00	18.98 -2.09 0.00	17.26 -2.05 0.00	17.55 -2.21 0.00	17.04 -2.00 0.00	16.96 -2.18 0.00	16.08 -2.11 0.00	16.75 -2.13 0.00	17.69 -2.30 0.00	19.14 -2.61 0.00	22.91 -3.18 0.00	29.09 -3.74 0.00	34.85 -4.22 0.00	36.85 -4.46 0.00	32.42 -3.80 0.00	27.07 -2.97 0.00	23.34 -1.87 0.00
NIAGARA____ 23760	22.26 -2.20 0.00	19.41 -2.30 0.00	17.56 -1.86 0.00	17.18 -1.74 0.00	18.56 -2.20 0.00	19.14 -2.32 0.00	20.31 -2.61 0.00	20.00 -2.05 0.00	19.22 -1.85 0.00	17.46 -1.85 0.00	17.76 -1.99 0.00	17.25 -1.79 0.00	17.18 -1.97 0.00	16.28 -1.91 0.00	16.94 -1.95 0.00	17.93 -2.06 0.00	19.38 -2.37 0.00	23.19 -2.90 0.00	29.45 -3.38 0.00	35.28 -3.79 0.00	37.31 -4.01 0.00	32.78 -3.44 0.00	27.40 -2.64 0.00	23.59 -1.61 0.00
NINE_MILE_1 23575	23.26 -1.20 0.00	20.58 -1.13 0.00	18.47 -0.95 0.00	18.02 -0.91 0.00	19.68 -1.08 0.00	20.34 -1.12 0.00	21.75 -1.17 0.00	21.04 -1.01 0.00	20.12 -0.95 0.00	18.42 -0.89 0.00	18.83 -0.93 0.00	18.17 -0.88 0.00	18.25 -0.90 0.00	17.31 -0.87 0.00	17.98 -0.91 0.00	19.05 -0.94 0.00	20.71 -1.04 0.00	24.86 -1.23 0.00	31.29 -1.54 0.00	37.24 -1.84 0.00	39.41 -1.90 0.00	34.59 -1.63 0.00	28.69 -1.35 0.00	24.12 -1.08 0.00
NINE_MILE_2 23744	23.29 -1.17 0.00	20.61 -1.11 0.00	18.47 -0.95 0.00	18.02 -0.91 0.00	19.68 -1.08 0.00	20.34 -1.12 0.00	21.75 -1.17 0.00	21.04 -1.01 0.00	20.12 -0.95 0.00	18.42 -0.89 0.00	18.83 -0.93 0.00	18.17 -0.88 0.00	18.25 -0.90 0.00	17.31 -0.87 0.00	17.98 -0.91 0.00	19.05 -0.94 0.00	20.71 -1.04 0.00	24.86 -1.23 0.00	31.29 -1.54 0.00	37.28 -1.80 0.00	39.41 -1.90 0.00	34.59 -1.63 0.00	28.69 -1.35 0.00	24.12 -1.08 0.00
NM_CAPITAL___DRP 24208	24.65 0.20 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.97 0.21 0.00	21.68 0.21 0.00	23.15 0.23 0.00	22.16 0.11 0.00	21.13 0.06 0.00	19.39 0.08 0.00	19.88 0.12 0.00	19.18 0.13 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.04 0.15 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.19 0.12 0.00	41.31 0.00 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.23 0.03 0.00
NM_CENTRAL___DRP 24181	23.77 -0.68 0.00	21.04 -0.67 0.00	18.88 -0.54 0.00	18.43 -0.49 0.00	20.09 -0.66 0.00	20.80 -0.67 0.00	22.21 -0.71 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	31.98 -0.85 0.00	38.06 -1.02 0.00	40.28 -1.03 0.00	35.43 -0.80 0.00	29.38 -0.66 0.00	24.68 -0.53 0.00

NM_FRONTIER___DRP 24179	22.11 -2.35 0.00	19.28 -2.43 0.00	17.48 -1.94 0.00	17.07 -1.85 0.00	18.43 -2.32 0.00	19.04 -2.43 0.00	20.06 -2.87 0.00	19.93 -2.12 0.00	18.98 -2.09 0.00	17.26 -2.05 0.00	17.55 -2.21 0.00	17.04 -2.00 0.00	16.96 -2.18 0.00	16.08 -2.11 0.00	16.75 -2.13 0.00	17.69 -2.30 0.00	19.14 -2.61 0.00	22.91 -3.18 0.00	29.09 -3.74 0.00	34.85 -4.22 0.00	36.85 -4.46 0.00	32.42 -3.80 0.00	27.07 -2.97 0.00	23.34 -1.87 0.00
NM_ST_REGIS___HYD 24053	24.43 -0.02 0.00	21.52 -0.20 0.00	19.23 -0.19 0.00	18.70 -0.23 0.00	20.76 0.00 0.00	21.48 0.02 0.00	22.95 0.02 0.00	22.12 0.07 0.00	21.11 0.04 0.00	19.31 0.00 0.00	19.66 -0.10 0.00	18.91 -0.13 0.00	18.98 -0.17 0.00	17.97 -0.22 0.00	18.66 -0.23 0.00	19.57 -0.42 0.00	21.57 -0.17 0.00	25.98 -0.10 0.00	32.93 0.10 0.00	39.39 0.31 0.00	41.73 0.41 0.00	36.55 0.33 0.00	30.28 0.24 0.00	25.33 0.13 0.00
NORTHPORT___1 23551	26.08 1.61 -0.01	24.92 1.65 -1.55	21.46 1.52 -0.52	20.97 1.51 -0.54	22.74 1.51 -0.47	23.32 1.50 -0.36	24.80 1.56 -0.31	23.85 1.45 -0.34	22.88 1.43 -0.37	21.20 1.37 -0.52	21.74 1.42 -0.56	20.96 1.33 -0.59	21.13 1.40 -0.58	21.40 1.36 -1.85	22.16 1.42 -1.86	23.83 1.54 -2.30	25.34 1.54 -2.05	29.77 1.77 -1.91	37.32 2.17 -2.32	43.65 2.54 -2.03	46.30 2.65 -2.34	40.74 2.28 -2.23	33.36 1.83 -1.49	28.56 1.54 -1.81
NORTHPORT___2 23552	26.08 1.61 -0.01	24.92 1.65 -1.55	21.46 1.52 -0.52	20.97 1.51 -0.54	22.74 1.51 -0.47	23.32 1.50 -0.36	24.80 1.56 -0.31	23.85 1.45 -0.34	22.88 1.43 -0.37	21.20 1.37 -0.52	21.74 1.42 -0.56	20.96 1.33 -0.59	21.13 1.40 -0.58	21.40 1.36 -1.85	22.16 1.42 -1.86	23.83 1.54 -2.30	25.34 1.54 -2.05	29.77 1.77 -1.91	37.32 2.17 -2.32	43.65 2.54 -2.03	46.30 2.65 -2.34	40.74 2.28 -2.23	33.36 1.83 -1.49	28.56 1.54 -1.81
NORTHPORT___3 23553	25.81 1.34 -0.01	24.85 1.41 -1.72	21.30 1.30 -0.58	20.83 1.30 -0.60	22.57 1.29 -0.52	23.14 1.29 -0.39	24.62 1.35 -0.34	23.68 1.26 -0.37	22.74 1.26 -0.41	21.11 1.22 -0.58	21.65 1.27 -0.62	20.88 1.18 -0.65	21.04 1.24 -0.65	21.46 1.22 -2.06	22.22 1.27 -2.06	23.89 1.34 -2.56	25.37 1.35 -2.27	29.72 1.49 -2.14	37.21 1.80 -2.57	42.97 1.64 -2.26	45.60 1.69 -2.59	40.33 1.63 -2.47	33.16 1.44 -1.68	28.46 1.23 -2.02
NORTHPORT___4 23650	25.81 1.34 -0.01	24.85 1.41 -1.72	21.30 1.30 -0.58	20.83 1.30 -0.60	22.57 1.29 -0.52	23.14 1.29 -0.39	24.62 1.35 -0.34	23.68 1.26 -0.37	22.74 1.26 -0.41	21.11 1.22 -0.58	21.65 1.27 -0.62	20.88 1.18 -0.65	21.04 1.24 -0.65	21.46 1.22 -2.06	22.22 1.27 -2.06	23.89 1.34 -2.56	25.37 1.35 -2.27	29.72 1.49 -2.14	37.21 1.80 -2.57	42.97 1.64 -2.26	45.60 1.69 -2.59	40.33 1.63 -2.47	33.16 1.44 -1.68	28.46 1.23 -2.02
NORTHPORT___IC 23718	26.11 1.64 -0.01	24.92 1.65 -1.55	21.45 1.51 -0.52	20.97 1.51 -0.54	22.74 1.52 -0.47	23.32 1.50 -0.36	24.79 1.56 -0.31	23.80 1.41 -0.34	22.88 1.43 -0.37	21.20 1.37 -0.52	21.72 1.40 -0.56	20.96 1.33 -0.59	21.13 1.40 -0.58	21.40 1.36 -1.85	22.16 1.42 -1.86	23.83 1.54 -2.30	25.34 1.54 -2.05	29.77 1.77 -1.91	37.32 2.17 -2.32	43.65 2.54 -2.03	46.29 2.64 -2.34	40.74 2.28 -2.23	33.36 1.83 -1.49	28.56 1.54 -1.81
NORTH___COUNTRY_ESR 323785	24.68 0.22 0.00	21.82 0.11 0.00	19.48 0.06 0.00	18.94 0.02 0.00	20.92 0.17 0.00	21.63 0.17 0.00	23.13 0.21 0.00	22.29 0.24 0.00	21.30 0.23 0.00	19.50 0.19 0.00	19.90 0.14 0.00	19.12 0.08 0.00	19.21 0.06 0.00	18.22 0.04 0.00	18.95 0.06 0.00	19.97 -0.02 0.00	21.88 0.13 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.62 0.00	41.97 0.66 0.00	36.80 0.58 0.00	30.49 0.45 0.00	25.51 0.30 0.00
NPX_GEN_1385_PROXY 323591	26.08 1.61 -0.01	24.92 1.65 -1.55	21.46 1.52 -0.52	20.97 1.51 -0.54	22.74 1.51 -0.47	23.32 1.50 -0.36	24.80 1.56 -0.31	23.87 1.48 -0.34	22.81 1.37 -0.37	21.15 1.31 -0.52	21.76 1.44 -0.56	21.00 1.37 -0.59	21.17 1.44 -0.58	21.44 1.40 -1.85	22.20 1.45 -1.86	23.87 1.58 -2.30	25.34 1.54 -2.05	29.82 1.83 -1.91	37.39 2.23 -2.32	43.61 2.50 -2.03	46.21 2.56 -2.34	40.28 2.17 -1.88	33.30 1.77 -1.49	28.51 1.49 -1.81
NPX_GEN_CSC 323557	26.25 1.78 -0.01	25.37 1.76 -1.90	21.68 1.61 -0.64	21.20 1.61 -0.67	22.96 1.62 -0.58	23.50 1.59 -0.45	24.92 1.60 -0.39	23.93 1.45 -0.43	22.97 1.43 -0.46	21.33 1.37 -0.65	21.81 1.36 -0.69	21.07 1.30 -0.73	21.23 1.36 -0.72	21.80 1.35 -2.27	22.56 1.40 -2.27	24.43 1.60 -2.84	25.91 1.65 -2.51	30.45 1.96 -2.41	38.10 2.43 -2.84	44.57 3.01 -2.49	47.43 3.26 -2.86	41.78 2.83 -2.73	34.19 2.25 -1.89	29.29 1.84 -2.25
NSINS_S_GLNS_FALLS 23858	25.34 0.88 0.00	22.54 0.83 0.00	20.18 0.76 0.00	19.70 0.78 0.00	21.51 0.75 0.00	22.32 0.86 0.00	23.68 0.76 0.00	22.65 0.60 0.00	21.56 0.48 0.00	19.72 0.41 0.00	20.19 0.43 0.00	19.44 0.40 0.00	19.55 0.40 0.00	18.57 0.38 0.00	19.29 0.40 0.00	20.51 0.52 0.00	22.38 0.63 0.00	26.87 0.78 0.00	33.95 1.12 0.00	40.40 1.33 0.00	42.80 1.49 0.00	37.42 1.20 0.00	31.06 1.02 0.00	25.96 0.76 0.00
NUCOR_STEEL___DRP 24197	23.82 -0.64 0.00	21.06 -0.65 0.00	18.90 -0.52 0.00	18.45 -0.47 0.00	20.09 -0.66 0.00	20.80 -0.67 0.00	22.23 -0.69 0.00	21.56 -0.49 0.00	20.63 -0.44 0.00	18.87 -0.44 0.00	19.28 -0.47 0.00	18.59 -0.46 0.00	18.65 -0.50 0.00	17.69 -0.49 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.49 -0.60 0.00	32.11 -0.72 0.00	38.29 -0.78 0.00	40.57 -0.74 0.00	35.64 -0.58 0.00	29.47 -0.57 0.00	24.75 -0.45 0.00
NUMBER_THREE_WT_PWR 323818	24.02 -0.44 0.00	21.24 -0.48 0.00	19.09 -0.33 0.00	18.56 -0.36 0.00	20.40 -0.35 0.00	21.18 -0.28 0.00	22.76 -0.16 0.00	21.92 -0.13 0.00	20.92 -0.15 0.00	19.08 -0.23 0.00	19.48 -0.28 0.00	18.72 -0.32 0.00	18.65 -0.50 0.00	17.60 -0.58 0.00	18.25 -0.64 0.00	19.29 -0.70 0.00	21.10 -0.65 0.00	25.46 -0.63 0.00	32.37 -0.46 0.00	38.76 -0.31 0.00	41.19 -0.12 0.00	36.01 -0.22 0.00	29.89 -0.15 0.00	25.05 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	24.46 0.00 0.00	21.71 0.00 0.00	19.42 0.00 0.00	18.92 0.00 0.00	20.76 0.00 0.00	21.46 0.00 0.00	22.92 0.00 0.00	22.05 0.00 0.00	21.07 0.00 0.00	19.31 0.00 0.00	19.76 0.00 0.00	19.04 0.00 0.00	19.15 0.00 0.00	18.19 0.00 0.00	18.89 0.00 0.00	19.99 0.00 0.00	21.75 0.00 0.00	26.09 0.00 0.00	32.83 0.00 0.00	39.07 0.00 0.00	41.31 0.00 0.00	36.22 0.00 0.00	30.04 0.00 0.00	25.20 0.00 0.00
NYPA_BRENTWD____GT 24164	26.30 1.84 -0.01	25.94 1.80 -2.42	21.90 1.65 -0.83	21.43 1.65 -0.86	23.15 1.64 -0.75	23.70 1.65 -0.58	25.13 1.70 -0.51	24.17 1.57 -0.55	23.21 1.54 -0.60	21.61 1.47 -0.84	22.15 1.50 -0.89	21.41 1.43 -0.94	21.57 1.49 -0.93	22.53 1.46 -2.89	23.29 1.51 -2.89	25.33 1.68 -3.66	26.67 1.72 -3.20	31.25 1.98 -3.18	38.90 2.46 -3.61	45.17 2.93 -3.16	48.08 3.14 -3.63	42.41 2.72 -3.47	34.72 2.16 -2.51	29.90 1.79 -2.90

NYPA_GOWANUS____GT5 24156	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NYPA_GOWANUS____GT6 24157	25.66 1.20 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.15 1.10 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.25 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.16 0.96 0.00
NYPA_HARLEM__RVR__GT1 24160	25.31 0.86 0.01	22.91 1.19 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.75 1.00 0.00	22.40 0.94 0.01	23.95 1.03 0.01	23.08 1.04 0.01	22.19 1.09 -0.02	20.45 1.12 -0.02	20.97 1.19 -0.02	20.21 1.14 -0.02	20.38 1.21 -0.02	19.38 1.20 0.01	20.11 1.23 0.01	21.21 1.22 0.01	22.94 1.20 0.01	27.28 1.20 0.01	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	30.93 0.90 0.01	25.93 0.73 0.01
NYPA_HARLEM__RVR__GT2 24161	25.31 0.86 0.01	22.91 1.19 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.75 1.00 0.00	22.40 0.94 0.01	23.95 1.03 0.01	23.08 1.04 0.01	22.19 1.09 -0.02	20.45 1.12 -0.02	20.97 1.19 -0.02	20.21 1.14 -0.02	20.38 1.21 -0.02	19.38 1.20 0.01	20.11 1.23 0.01	21.21 1.22 0.01	22.94 1.20 0.01	27.28 1.20 0.01	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	30.93 0.90 0.01	25.93 0.73 0.01
NYPA_KENT____GT 24152	25.61 1.15 0.00	22.97 1.26 0.00	20.55 1.13 0.00	20.10 1.17 0.00	21.82 1.06 0.00	22.47 1.01 0.00	24.05 1.12 0.00	23.13 1.08 0.00	22.21 1.14 0.00	20.47 1.16 0.00	20.98 1.23 0.00	20.22 1.18 0.00	20.39 1.24 0.00	19.40 1.22 0.00	20.15 1.27 0.00	21.25 1.26 0.00	23.01 1.26 0.00	27.44 1.36 0.00	34.31 1.48 0.00	40.71 1.64 0.00	42.80 1.49 0.00	37.63 1.41 0.00	31.12 1.08 0.00	26.14 0.93 0.00
NYPA_POUCH1____GT 24155	25.71 1.25 -0.01	23.06 1.35 0.00	20.63 1.20 0.00	20.17 1.25 0.00	21.88 1.12 0.00	22.51 1.05 0.00	24.09 1.17 0.00	23.17 1.12 0.00	22.23 1.16 0.00	20.51 1.20 0.00	21.02 1.27 0.00	20.24 1.20 0.00	20.43 1.28 0.00	19.42 1.24 0.00	20.17 1.29 0.00	21.29 1.30 0.00	23.05 1.30 0.00	27.55 1.46 0.00	34.41 1.58 0.00	40.83 1.76 0.00	42.76 1.45 0.00	37.74 1.52 0.00	31.21 1.17 0.00	26.21 1.01 0.00
NYPA_VERNON____GT2 24162	25.56 1.10 0.00	22.95 1.24 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.80 1.04 0.00	22.45 0.99 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.19 1.12 0.00	20.45 1.14 0.00	20.96 1.21 0.00	20.19 1.14 0.00	20.37 1.23 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.39 1.30 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.80 1.49 0.00	37.56 1.34 0.00	31.06 1.02 0.00	26.09 0.88 0.00
NYPA_VERNON____GT3 24163	25.56 1.10 0.00	22.95 1.24 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.80 1.04 0.00	22.45 0.99 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.19 1.12 0.00	20.45 1.14 0.00	20.96 1.21 0.00	20.19 1.14 0.00	20.37 1.23 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.39 1.30 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.80 1.49 0.00	37.56 1.34 0.00	31.06 1.02 0.00	26.09 0.88 0.00
NYPA__ASTORIA_CC1 323568	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.43 0.97 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.52 1.45 0.00	42.67 1.36 0.00	37.46 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
NYPA__ASTORIA_CC2 323569	25.51 1.05 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.43 0.97 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.52 1.45 0.00	42.67 1.36 0.00	37.46 1.23 0.00	31.00 0.96 0.00	26.04 0.83 0.00
NYPA__HOLTSVILL 23794	26.15 1.69 -0.01	25.25 1.67 -1.87	21.59 1.53 -0.63	21.11 1.53 -0.65	22.86 1.54 -0.57	23.43 1.52 -0.44	24.84 1.54 -0.38	23.86 1.39 -0.42	22.89 1.37 -0.46	21.26 1.31 -0.64	21.78 1.34 -0.68	21.01 1.26 -0.71	21.18 1.32 -0.71	21.72 1.31 -2.23	22.48 1.36 -2.23	24.32 1.54 -2.79	25.76 1.54 -2.46	30.25 1.80 -2.36	37.85 2.23 -2.79	44.25 2.73 -2.44	47.05 2.93 -2.81	41.44 2.53 -2.68	33.90 2.01 -1.85	29.07 1.66 -2.21
NYPA__HELLGATE_GT1 24158	25.31 0.86 0.01	22.91 1.19 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.75 1.00 0.00	22.40 0.94 0.01	23.95 1.03 0.01	23.08 1.04 0.01	22.16 1.09 0.01	20.42 1.12 0.01	20.94 1.19 0.01	20.18 1.14 0.01	20.35 1.21 0.01	19.41 1.20 -0.02	20.14 1.23 -0.02	21.24 1.22 -0.02	22.97 1.20 -0.02	27.28 1.20 0.01	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	30.93 0.90 0.01	25.93 0.73 0.01
NYPA__HELLGATE_GT2 24159	25.31 0.86 0.01	22.91 1.19 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.75 1.00 0.00	22.40 0.94 0.01	23.95 1.03 0.01	23.08 1.04 0.01	22.16 1.09 0.01	20.42 1.12 0.01	20.94 1.19 0.01	20.18 1.14 0.01	20.35 1.21 0.01	19.41 1.20 -0.02	20.14 1.23 -0.02	21.24 1.22 -0.02	22.97 1.20 -0.02	27.28 1.20 0.01	34.07 1.25 0.01	40.39 1.33 0.01	42.54 1.24 0.01	37.34 1.12 0.01	30.93 0.90 0.01	25.93 0.73 0.01
NYS_BARGE__HYD 23848	22.28 -2.18 0.00	19.41 -2.30 0.00	17.56 -1.86 0.00	17.20 -1.72 0.00	18.56 -2.20 0.00	19.12 -2.34 0.00	20.29 -2.64 0.00	20.00 -2.05 0.00	19.22 -1.85 0.00	17.44 -1.87 0.00	17.74 -2.02 0.00	17.21 -1.83 0.00	17.12 -2.03 0.00	16.22 -1.96 0.00	16.91 -1.98 0.00	17.87 -2.12 0.00	19.33 -2.41 0.00	23.17 -2.92 0.00	29.45 -3.38 0.00	35.40 -3.67 0.00	37.43 -3.89 0.00	32.93 -3.30 0.00	27.46 -2.58 0.00	23.67 -1.54 0.00
OAK ORCHARD__HYD 24046	23.14 -1.32 0.00	20.26 -1.45 0.00	18.22 -1.20 0.00	17.81 -1.12 0.00	19.35 -1.41 0.00	19.98 -1.48 0.00	21.32 -1.61 0.00	20.84 -1.21 0.00	20.00 -1.07 0.00	18.21 -1.10 0.00	18.59 -1.17 0.00	18.00 -1.05 0.00	18.02 -1.13 0.00	17.09 -1.09 0.00	17.76 -1.13 0.00	18.83 -1.16 0.00	20.42 -1.33 0.00	24.50 -1.59 0.00	30.96 -1.87 0.00	37.12 -1.95 0.00	39.21 -2.11 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.30 -0.91 0.00

OAKDALE___35_KV_LOAD 356122	24.07 -0.39 0.00	21.28 -0.43 0.00	19.11 -0.31 0.00	18.66 -0.26 0.00	20.34 -0.42 0.00	21.05 -0.41 0.00	22.44 -0.48 0.00	21.72 -0.33 0.00	20.78 -0.29 0.00	19.02 -0.29 0.00	19.42 -0.34 0.00	18.74 -0.30 0.00	18.80 -0.34 0.00	17.84 -0.35 0.00	18.55 -0.34 0.00	19.63 -0.36 0.00	21.31 -0.43 0.00	25.57 -0.52 0.00	32.24 -0.59 0.00	38.49 -0.59 0.00	40.73 -0.58 0.00	35.75 -0.47 0.00	29.62 -0.42 0.00	24.98 -0.23 0.00
OCC_CHEM___DRP 24175	22.16 -2.30 0.00	19.33 -2.39 0.00	17.52 -1.90 0.00	17.11 -1.82 0.00	18.47 -2.28 0.00	19.08 -2.38 0.00	20.10 -2.82 0.00	20.00 -2.05 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.60 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.97 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
OH_GEN_PROXY 24063	22.31 -2.15 0.00	19.46 -2.26 0.00	17.58 -1.85 0.00	17.22 -1.70 0.00	18.60 -2.16 0.00	19.19 -2.28 0.00	20.36 -2.57 0.00	20.04 -2.01 0.00	19.26 -1.81 0.00	17.49 -1.82 0.00	17.82 -1.94 0.00	17.29 -1.75 0.00	17.23 -1.91 0.00	16.33 -1.86 0.00	17.00 -1.89 0.00	17.97 -2.02 0.00	19.44 -2.31 0.00	23.27 -2.82 0.00	29.52 -3.31 0.00	35.40 -3.67 0.00	37.39 -3.93 0.00	32.89 -3.33 0.00	27.46 -2.58 0.00	23.62 -1.59 0.00
OLIN_CORP_DRP 24177	22.01 -2.45 0.00	19.20 -2.52 0.00	17.38 -2.04 0.00	16.99 -1.93 0.00	18.33 -2.43 0.00	18.95 -2.51 0.00	20.06 -2.87 0.00	19.93 -2.12 0.00	18.98 -2.09 0.00	17.24 -2.07 0.00	17.55 -2.21 0.00	17.02 -2.02 0.00	16.95 -2.20 0.00	16.06 -2.13 0.00	16.74 -2.15 0.00	17.67 -2.32 0.00	19.12 -2.63 0.00	22.88 -3.21 0.00	29.09 -3.74 0.00	34.89 -4.18 0.00	36.89 -4.42 0.00	32.46 -3.77 0.00	27.10 -2.94 0.00	23.36 -1.84 0.00
OLIN_CORP_DSASP 323712	22.16 -2.30 0.00	19.33 -2.39 0.00	17.48 -1.94 0.00	17.11 -1.82 0.00	18.45 -2.30 0.00	19.06 -2.40 0.00	20.10 -2.82 0.00	19.82 -2.23 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.61 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.75 -2.24 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.98 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
ONEIDA_HERK_LFGE 323681	24.41 -0.05 0.00	21.63 -0.09 0.00	19.40 -0.02 0.00	18.89 -0.04 0.00	20.72 -0.04 0.00	21.48 0.02 0.00	22.99 0.07 0.00	22.14 0.09 0.00	21.13 0.06 0.00	19.33 0.02 0.00	19.76 0.00 0.00	19.01 -0.04 0.00	19.05 -0.10 0.00	18.02 -0.16 0.00	18.70 -0.19 0.00	19.81 -0.18 0.00	21.60 -0.15 0.00	26.01 -0.08 0.00	32.90 0.07 0.00	39.27 0.20 0.00	41.64 0.33 0.00	36.44 0.22 0.00	30.22 0.18 0.00	25.36 0.15 0.00
ONEIDA___115KV_TB4 55905	24.56 0.10 0.00	21.76 0.04 0.00	19.54 0.12 0.00	19.02 0.09 0.00	20.80 0.04 0.00	21.57 0.11 0.00	23.04 0.11 0.00	22.20 0.15 0.00	21.22 0.15 0.00	19.39 0.08 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.17 -0.02 0.00	18.87 -0.02 0.00	19.99 0.00 0.00	21.77 0.02 0.00	26.19 0.10 0.00	33.09 0.26 0.00	39.50 0.43 0.00	41.85 0.54 0.00	36.66 0.43 0.00	30.40 0.36 0.00	25.48 0.28 0.00
ONONDAGA_REF_OCCRA 23987	23.85 -0.61 0.00	21.11 -0.61 0.00	18.94 -0.49 0.00	18.49 -0.44 0.00	20.16 -0.60 0.00	20.86 -0.60 0.00	22.28 -0.64 0.00	21.56 -0.49 0.00	20.65 -0.42 0.00	18.89 -0.42 0.00	19.32 -0.43 0.00	18.62 -0.42 0.00	18.71 -0.44 0.00	17.75 -0.44 0.00	18.44 -0.45 0.00	19.55 -0.44 0.00	21.21 -0.54 0.00	25.51 -0.57 0.00	32.11 -0.72 0.00	38.21 -0.86 0.00	40.49 -0.83 0.00	35.57 -0.65 0.00	29.47 -0.57 0.00	24.75 -0.45 0.00
ONONDAGA___COGEN 23986	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.14 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
ONTARIO___LFGE 23819	23.73 -0.73 0.00	20.89 -0.83 0.00	18.78 -0.64 0.00	18.36 -0.57 0.00	19.95 -0.81 0.00	20.65 -0.82 0.00	22.05 -0.87 0.00	21.43 -0.62 0.00	20.52 -0.55 0.00	18.73 -0.58 0.00	19.09 -0.67 0.00	18.42 -0.63 0.00	18.44 -0.71 0.00	17.49 -0.69 0.00	18.19 -0.70 0.00	19.29 -0.70 0.00	20.92 -0.83 0.00	25.23 -0.86 0.00	31.91 -0.92 0.00	38.21 -0.86 0.00	40.32 -0.99 0.00	35.57 -0.65 0.00	29.41 -0.63 0.00	24.80 -0.40 0.00
ORANGEVILLE_WT_PWR 323706	22.77 -1.69 0.00	19.93 -1.78 0.00	17.99 -1.44 0.00	17.62 -1.31 0.00	19.06 -1.70 0.00	19.68 -1.78 0.00	20.88 -2.04 0.00	20.44 -1.61 0.00	19.60 -1.48 0.00	17.84 -1.47 0.00	18.16 -1.60 0.00	17.58 -1.47 0.00	17.50 -1.65 0.00	16.58 -1.60 0.00	17.28 -1.61 0.00	18.25 -1.74 0.00	19.70 -2.05 0.00	23.66 -2.43 0.00	30.14 -2.69 0.00	36.34 -2.74 0.00	38.55 -2.77 0.00	33.94 -2.28 0.00	28.24 -1.80 0.00	24.17 -1.03 0.00
ORANGEVILLE___ESR 323794	22.77 -1.69 0.00	19.93 -1.78 0.00	17.99 -1.44 0.00	17.62 -1.31 0.00	19.06 -1.70 0.00	19.68 -1.78 0.00	20.88 -2.04 0.00	20.44 -1.61 0.00	19.60 -1.48 0.00	17.84 -1.47 0.00	18.16 -1.60 0.00	17.58 -1.47 0.00	17.50 -1.65 0.00	16.58 -1.60 0.00	17.28 -1.61 0.00	18.25 -1.74 0.00	19.70 -2.05 0.00	23.66 -2.43 0.00	30.14 -2.69 0.00	36.34 -2.74 0.00	38.55 -2.77 0.00	33.94 -2.28 0.00	28.24 -1.80 0.00	24.17 -1.03 0.00
OSWEGATCHIE___HYD 24044	23.94 -0.51 0.00	21.11 -0.61 0.00	18.92 -0.51 0.00	18.39 -0.53 0.00	20.32 -0.44 0.00	21.05 -0.41 0.00	22.53 -0.39 0.00	21.70 -0.35 0.00	20.71 -0.36 0.00	18.90 -0.41 0.00	19.28 -0.47 0.00	18.53 -0.51 0.00	18.55 -0.59 0.00	17.55 -0.64 0.00	18.19 -0.70 0.00	19.15 -0.84 0.00	21.03 -0.72 0.00	25.39 -0.70 0.00	32.24 -0.59 0.00	38.61 -0.47 0.00	40.98 -0.33 0.00	35.83 -0.40 0.00	29.74 -0.30 0.00	24.90 -0.30 0.00
OSWEGO___5 23606	23.36 -1.10 0.00	20.67 -1.04 0.00	18.53 -0.89 0.00	18.09 -0.83 0.00	19.74 -1.02 0.00	20.41 -1.05 0.00	21.82 -1.10 0.00	21.10 -0.95 0.00	20.21 -0.86 0.00	18.48 -0.83 0.00	18.91 -0.85 0.00	18.22 -0.82 0.00	18.31 -0.84 0.00	17.39 -0.80 0.00	18.06 -0.83 0.00	19.13 -0.86 0.00	20.77 -0.98 0.00	24.97 -1.12 0.00	31.42 -1.41 0.00	37.39 -1.68 0.00	39.58 -1.73 0.00	34.77 -1.45 0.00	28.81 -1.23 0.00	24.22 -0.98 0.00
OSWEGO___6 23613	23.36 -1.10 0.00	20.67 -1.04 0.00	18.53 -0.89 0.00	18.09 -0.83 0.00	19.74 -1.02 0.00	20.41 -1.05 0.00	21.82 -1.10 0.00	21.10 -0.95 0.00	20.21 -0.86 0.00	18.48 -0.83 0.00	18.91 -0.85 0.00	18.22 -0.82 0.00	18.31 -0.84 0.00	17.39 -0.80 0.00	18.06 -0.83 0.00	19.13 -0.86 0.00	20.77 -0.98 0.00	24.97 -1.12 0.00	31.42 -1.41 0.00	37.39 -1.68 0.00	39.58 -1.73 0.00	34.77 -1.45 0.00	28.81 -1.23 0.00	24.22 -0.98 0.00

OUTOKUMPU-AB___DRP 24206	22.48 -1.98 0.00	19.61 -2.11 0.00	17.77 -1.65 0.00	17.37 -1.55 0.00	18.72 -2.03 0.00	19.36 -2.10 0.00	20.42 -2.50 0.00	20.31 -1.74 0.00	19.34 -1.73 0.00	17.59 -1.72 0.00	17.86 -1.90 0.00	17.35 -1.69 0.00	17.25 -1.90 0.00	16.33 -1.85 0.00	17.04 -1.85 0.00	17.99 -2.00 0.00	19.47 -2.28 0.00	23.32 -2.77 0.00	29.65 -3.18 0.00	35.63 -3.44 0.00	37.72 -3.59 0.00	33.14 -3.08 0.00	27.67 -2.37 0.00	23.84 -1.36 0.00
OXBOW___BTM 323836	22.35 -2.10 0.00	19.48 -2.24 0.00	17.62 -1.81 0.00	17.26 -1.67 0.00	18.62 -2.14 0.00	19.19 -2.28 0.00	20.29 -2.64 0.00	20.02 -2.03 0.00	19.22 -1.85 0.00	17.46 -1.85 0.00	17.74 -2.02 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.24 -1.95 0.00	16.92 -1.96 0.00	17.89 -2.10 0.00	19.33 -2.41 0.00	23.17 -2.92 0.00	29.42 -3.42 0.00	35.32 -3.75 0.00	37.39 -3.93 0.00	32.86 -3.37 0.00	27.46 -2.58 0.00	23.67 -1.54 0.00
OXBOW___ 24026	22.36 -2.10 0.00	19.48 -2.24 0.00	17.67 -1.75 0.00	17.26 -1.67 0.00	18.62 -2.14 0.00	19.23 -2.23 0.00	20.29 -2.64 0.00	20.18 -1.87 0.00	19.22 -1.85 0.00	17.46 -1.85 0.00	17.74 -2.02 0.00	17.23 -1.81 0.00	17.14 -2.01 0.00	16.24 -1.95 0.00	16.92 -1.96 0.00	17.87 -2.12 0.00	19.33 -2.41 0.00	23.17 -2.92 0.00	29.42 -3.41 0.00	35.32 -3.75 0.00	37.39 -3.92 0.00	32.85 -3.37 0.00	27.46 -2.58 0.00	23.67 -1.54 0.00
OXY_CHEM_DSASP 323612	22.16 -2.30 0.00	19.33 -2.39 0.00	17.52 -1.90 0.00	17.11 -1.82 0.00	18.47 -2.28 0.00	19.08 -2.38 0.00	20.10 -2.82 0.00	20.00 -2.05 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.60 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.97 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
OZONE_PARK_ESR 323760	25.73 1.27 0.00	23.02 1.30 0.00	20.59 1.17 0.00	20.10 1.17 0.00	21.88 1.12 0.00	22.60 1.14 0.00	24.11 1.19 0.00	23.17 1.12 0.00	22.27 1.20 0.00	20.51 1.20 0.00	21.00 1.24 0.00	20.22 1.18 0.00	20.39 1.24 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.33 1.34 0.00	23.10 1.35 0.00	27.58 1.49 0.00	34.54 1.71 0.00	40.95 1.88 0.00	43.34 2.02 0.00	37.93 1.70 0.00	31.36 1.32 0.00	26.31 1.11 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	22.16 -2.30 0.00	19.33 -2.39 0.00	17.52 -1.90 0.00	17.11 -1.82 0.00	18.47 -2.28 0.00	19.08 -2.38 0.00	20.10 -2.82 0.00	20.00 -2.05 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.60 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.97 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
PACKARD___115KV_DUPONT_184 80571	22.16 -2.30 0.00	19.33 -2.39 0.00	17.52 -1.90 0.00	17.11 -1.82 0.00	18.47 -2.28 0.00	19.08 -2.38 0.00	20.10 -2.82 0.00	20.00 -2.05 0.00	19.05 -2.02 0.00	17.30 -2.01 0.00	17.60 -2.15 0.00	17.10 -1.94 0.00	17.00 -2.14 0.00	16.11 -2.07 0.00	16.79 -2.10 0.00	17.73 -2.26 0.00	19.18 -2.57 0.00	22.96 -3.13 0.00	29.15 -3.68 0.00	34.97 -4.10 0.00	36.97 -4.34 0.00	32.49 -3.73 0.00	27.16 -2.88 0.00	23.42 -1.79 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.51 1.05 0.00	22.87 1.15 0.00	20.45 1.03 0.00	20.00 1.08 0.00	21.69 0.93 0.00	22.36 0.90 0.00	23.89 0.96 0.00	22.95 0.90 0.00	22.08 1.01 0.00	20.35 1.04 0.00	20.87 1.11 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.13 1.14 0.00	22.88 1.13 0.00	27.26 1.17 0.00	34.05 1.21 0.00	40.36 1.29 0.00	42.55 1.24 0.00	37.35 1.12 0.00	30.88 0.84 0.00	25.94 0.73 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	25.68 1.22 0.00	23.02 1.30 0.00	20.61 1.18 0.00	20.17 1.25 0.00	21.86 1.10 0.00	22.53 1.07 0.00	24.07 1.15 0.00	23.13 1.08 0.00	22.25 1.18 0.00	20.51 1.20 0.00	20.98 1.23 0.00	20.22 1.18 0.00	20.39 1.24 0.00	19.40 1.22 0.00	20.15 1.27 0.00	21.25 1.26 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.24 1.41 0.00	40.68 1.60 0.00	42.84 1.53 0.00	37.60 1.38 0.00	31.09 1.05 0.00	26.11 0.91 0.00
PATROON___115KV_TB1 80586	24.65 0.20 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.97 0.21 0.00	21.68 0.21 0.00	23.15 0.23 0.00	22.16 0.11 0.00	21.13 0.06 0.00	19.39 0.08 0.00	19.88 0.12 0.00	19.16 0.11 0.00	19.28 0.13 0.00	18.33 0.15 0.00	19.04 0.15 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.15 0.08 0.00	41.35 0.04 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.26 0.05 0.00
PATTRSNVILLE___SOLAR 323815	24.97 0.51 0.00	22.21 0.50 0.00	19.89 0.47 0.00	19.38 0.45 0.00	21.19 0.44 0.00	21.96 0.49 0.00	23.38 0.46 0.00	22.38 0.33 0.00	21.28 0.21 0.00	19.48 0.17 0.00	19.94 0.18 0.00	19.21 0.17 0.00	19.32 0.17 0.00	18.35 0.16 0.00	19.08 0.19 0.00	20.21 0.22 0.00	22.03 0.28 0.00	26.51 0.42 0.00	33.45 0.62 0.00	39.89 0.82 0.00	42.22 0.91 0.00	36.99 0.76 0.00	30.67 0.63 0.00	25.68 0.48 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.77 -1.69 0.00	19.91 -1.80 0.00	18.04 -1.38 0.00	17.64 -1.29 0.00	19.04 -1.72 0.00	19.66 -1.80 0.00	20.81 -2.11 0.00	20.57 -1.48 0.00	19.64 -1.43 0.00	17.86 -1.45 0.00	18.14 -1.62 0.00	17.60 -1.45 0.00	17.50 -1.65 0.00	16.58 -1.60 0.00	17.28 -1.61 0.00	18.25 -1.74 0.00	19.75 -2.00 0.00	23.64 -2.45 0.00	30.07 -2.76 0.00	36.14 -2.93 0.00	38.34 -2.97 0.00	33.69 -2.54 0.00	28.06 -1.98 0.00	24.12 -1.08 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.63 1.17 0.00	22.91 1.19 0.00	20.45 1.03 0.00	19.95 1.02 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.00 0.95 0.00	22.06 0.99 0.00	20.24 0.93 0.00	20.65 0.89 0.00	19.88 0.84 0.00	20.07 0.92 0.00	19.11 0.93 0.00	19.83 0.94 0.00	21.03 1.04 0.00	22.84 1.09 0.00	27.37 1.28 0.00	34.37 1.54 0.00	40.79 1.72 0.00	43.21 1.90 0.00	37.78 1.56 0.00	31.27 1.23 0.00	26.24 1.03 0.00
PEEKSKILL___ 23653	25.44 0.98 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.63 0.87 0.00	22.32 0.86 0.00	23.84 0.92 0.00	22.89 0.84 0.00	21.93 0.86 0.00	20.16 0.85 0.00	20.65 0.89 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.99 1.00 0.00	22.75 1.00 0.00	27.18 1.10 0.00	34.05 1.22 0.00	40.40 1.33 0.00	42.80 1.49 0.00	37.46 1.23 0.00	31.00 0.96 0.00	26.01 0.81 0.00
PGE MADISON___WINDPWR 24146	25.31 0.86 0.00	22.37 0.65 0.00	20.14 0.72 0.00	19.60 0.68 0.00	21.38 0.62 0.00	22.26 0.79 0.00	23.72 0.80 0.00	22.93 0.88 0.00	21.93 0.86 0.00	19.95 0.64 0.00	20.35 0.59 0.00	19.54 0.49 0.00	19.63 0.48 0.00	18.53 0.34 0.00	19.19 0.30 0.00	20.41 0.42 0.00	22.31 0.56 0.00	26.98 0.89 0.00	34.31 1.48 0.00	41.14 2.07 0.00	43.75 2.44 0.00	38.14 1.92 0.00	31.63 1.59 0.00	26.56 1.36 0.00

PIERCEFIELD___HYD 23852	24.29 -0.17 0.00	21.37 -0.35 0.00	19.09 -0.33 0.00	18.55 -0.38 0.00	20.63 -0.12 0.00	21.33 -0.13 0.00	22.78 -0.14 0.00	21.96 -0.09 0.00	20.94 -0.13 0.00	19.16 -0.15 0.00	19.52 -0.24 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.84 -0.35 0.00	18.51 -0.38 0.00	19.39 -0.60 0.00	21.40 -0.35 0.00	25.78 -0.31 0.00	32.67 -0.16 0.00	39.07 0.00 0.00	41.40 0.08 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.15 -0.05 0.00
PINELAWN_CC_1 323563	26.13 1.66 -0.01	27.80 1.67 -4.42	22.43 1.52 -1.49	21.98 1.51 -1.54	23.62 1.51 -1.34	24.00 1.50 -1.03	25.40 1.58 -0.90	24.51 1.48 -0.98	23.59 1.45 -1.07	22.21 1.39 -1.50	22.78 1.42 -1.60	22.06 1.33 -1.68	22.21 1.40 -1.67	24.81 1.36 -5.26	25.58 1.42 -5.28	28.32 1.54 -6.79	29.18 1.57 -5.86	33.98 1.77 -6.12	41.60 2.20 -6.56	47.36 2.54 -5.75	50.65 2.73 -6.61	44.89 2.35 -6.31	36.79 1.86 -4.89	32.19 1.56 -5.42
PJM_GEN_HTTP_PROXY 323702	25.58 1.13 0.00	22.91 1.19 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.77 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.14 1.07 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.39 1.30 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.73 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.16 0.96 0.00
PJM_GEN_KEystone 24065	24.14 -0.32 0.00	21.41 -0.30 0.00	19.23 -0.19 0.00	18.79 -0.13 0.00	20.40 -0.35 0.00	21.08 -0.39 0.00	22.46 -0.46 0.00	21.74 -0.31 0.00	20.84 -0.23 0.00	19.10 -0.21 0.00	19.50 -0.26 0.00	18.83 -0.21 0.00	18.90 -0.25 0.00	17.95 -0.24 0.00	18.68 -0.21 0.00	19.75 -0.24 0.00	21.40 -0.35 0.00	25.54 -0.55 0.00	31.00 -0.66 1.17	37.98 -0.74 0.35	40.09 -0.70 0.52	35.61 -0.62 0.00	29.20 -0.51 0.33	24.98 -0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	25.79 1.32 -0.01	23.58 1.41 -0.45	20.85 1.30 -0.12	20.36 1.30 -0.13	22.18 1.31 -0.11	22.85 1.31 -0.08	24.37 1.38 -0.07	23.43 1.30 -0.08	22.46 1.31 -0.08	20.69 1.25 -0.13	21.18 1.28 -0.13	20.40 1.22 -0.14	20.55 1.26 -0.14	19.96 1.24 -0.54	20.69 1.27 -0.54	21.86 1.32 -0.55	23.65 1.33 -0.57	27.76 1.43 -0.24	35.26 1.74 -0.69	41.63 1.95 -0.60	44.03 2.02 -0.69	38.59 1.70 -0.66	31.56 1.38 -0.14	26.80 1.18 -0.41
PJM_GEN_VFT_PROXY 323633	25.41 0.95 0.00	22.78 1.06 0.00	20.37 0.95 0.00	19.89 0.96 0.00	21.65 0.89 0.00	22.34 0.88 0.00	23.86 0.94 0.00	22.98 0.93 0.00	22.06 0.99 0.00	20.31 1.00 0.00	20.81 1.05 0.00	20.03 0.99 0.00	20.20 1.05 0.00	19.24 1.05 0.00	19.96 1.08 0.00	21.11 1.12 0.00	22.86 1.11 0.00	27.24 1.15 0.00	34.08 1.25 0.00	40.40 1.33 0.00	42.71 1.41 0.01	37.46 1.23 0.00	30.97 0.93 0.00	25.96 0.76 0.00
PLATSBURG_115KV_PMLD1 355749	24.95 0.49 0.00	22.08 0.37 0.00	19.69 0.27 0.00	19.15 0.23 0.00	21.17 0.42 0.00	21.87 0.41 0.00	23.38 0.46 0.00	22.56 0.51 0.00	21.56 0.48 0.00	19.73 0.42 0.00	20.11 0.36 0.00	19.33 0.29 0.00	19.42 0.27 0.00	18.42 0.24 0.00	19.15 0.26 0.00	20.19 0.20 0.00	22.12 0.37 0.00	26.61 0.52 0.00	33.65 0.82 0.00	40.17 1.09 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.85 0.81 0.00	25.83 0.63 0.00
PLEASANTVLY___LBMP 24000	25.34 0.88 0.00	22.63 0.91 0.00	20.24 0.82 0.00	19.74 0.81 0.00	21.55 0.79 0.00	22.26 0.79 0.00	23.75 0.83 0.00	22.76 0.71 0.00	21.83 0.76 0.00	20.06 0.75 0.00	20.55 0.79 0.00	19.79 0.74 0.00	19.95 0.80 0.00	18.99 0.80 0.00	19.72 0.83 0.00	20.87 0.88 0.00	22.64 0.89 0.00	27.05 0.97 0.00	33.91 1.08 0.00	40.28 1.21 0.00	42.59 1.28 0.00	37.31 1.09 0.00	30.91 0.87 0.00	25.91 0.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.49 1.03 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.67 0.91 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.91 0.86 0.00	22.00 0.93 0.00	20.22 0.91 0.00	20.71 0.95 0.00	19.94 0.90 0.00	20.10 0.96 0.00	19.15 0.96 0.00	19.89 1.00 0.00	21.05 1.06 0.00	22.81 1.07 0.00	27.26 1.17 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.09 0.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.49 1.03 0.00	22.80 1.09 0.00	20.37 0.95 0.00	19.89 0.97 0.00	21.67 0.91 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.91 0.86 0.00	22.00 0.93 0.00	20.22 0.91 0.00	20.71 0.95 0.00	19.94 0.90 0.00	20.10 0.96 0.00	19.15 0.96 0.00	19.89 1.00 0.00	21.05 1.06 0.00	22.81 1.07 0.00	27.26 1.17 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.92 1.61 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.09 0.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.49 1.03 0.00	22.76 1.04 0.00	20.34 0.91 0.00	19.85 0.93 0.00	21.67 0.91 0.00	22.38 0.92 0.00	23.89 0.96 0.00	22.87 0.82 0.00	21.91 0.84 0.00	20.10 0.79 0.00	20.59 0.83 0.00	19.82 0.78 0.00	19.97 0.82 0.00	19.00 0.82 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.68 0.94 0.00	27.18 1.10 0.00	34.11 1.28 0.00	40.52 1.45 0.00	42.97 1.65 0.00	37.56 1.34 0.00	31.09 1.05 0.00	26.09 0.88 0.00
POLETTI_____ 23519	25.53 1.08 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.78 1.02 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.04 0.99 0.00	22.15 1.07 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.34 1.25 0.00	34.19 1.38 0.02	40.58 1.52 0.02	42.91 1.61 0.02	37.60 1.38 0.00	31.12 1.08 0.00	26.09 0.88 0.00
POMONA___ESR 323819	25.44 0.98 0.00	22.74 1.02 0.00	20.32 0.89 0.00	19.83 0.91 0.00	21.63 0.87 0.00	22.32 0.86 0.00	23.84 0.92 0.00	22.89 0.84 0.00	21.91 0.84 0.00	20.14 0.83 0.00	20.65 0.89 0.00	19.88 0.84 0.00	20.05 0.90 0.00	19.08 0.89 0.00	19.81 0.93 0.00	20.97 0.98 0.00	22.75 1.00 0.00	27.16 1.07 0.00	34.01 1.18 0.00	40.36 1.29 0.00	42.76 1.45 0.00	37.46 1.23 0.00	30.97 0.93 0.00	25.99 0.78 0.00
PORT_JEFF_3 23555	26.18 1.71 -0.01	25.31 1.69 -1.90	21.62 1.55 -0.64	21.14 1.55 -0.67	22.90 1.56 -0.58	23.44 1.52 -0.45	24.83 1.51 -0.39	23.78 1.30 -0.43	22.82 1.29 -0.46	21.20 1.24 -0.65	21.72 1.27 -0.69	20.95 1.18 -0.73	21.11 1.24 -0.72	21.69 1.24 -2.27	22.45 1.29 -2.27	24.35 1.52 -2.84	25.78 1.52 -2.51	30.27 1.77 -2.41	37.87 2.20 -2.84	44.38 2.81 -2.49	47.18 3.01 -2.86	41.56 2.61 -2.73	34.03 2.10 -1.89	29.19 1.74 -2.25
PORT_JEFF_4 23616	26.18 1.71 -0.01	25.31 1.69 -1.90	21.62 1.55 -0.64	21.14 1.55 -0.67	22.90 1.56 -0.58	23.44 1.52 -0.45	24.83 1.51 -0.39	23.78 1.30 -0.43	22.82 1.29 -0.46	21.20 1.24 -0.65	21.72 1.27 -0.69	20.95 1.18 -0.73	21.11 1.24 -0.72	21.69 1.24 -2.27	22.45 1.29 -2.27	24.35 1.52 -2.84	25.78 1.52 -2.51	30.27 1.77 -2.41	37.87 2.20 -2.84	44.38 2.81 -2.49	47.18 3.01 -2.86	41.56 2.61 -2.73	34.03 2.10 -1.89	29.19 1.74 -2.25

PORT_JEFF_IC 23713	26.20 1.74 -0.01	25.43 1.72 -2.00	21.67 1.57 -0.68	21.20 1.57 -0.70	22.95 1.58 -0.61	23.50 1.57 -0.48	24.89 1.56 -0.41	23.80 1.30 -0.45	22.91 1.35 -0.49	21.29 1.29 -0.69	21.79 1.30 -0.73	21.05 1.24 -0.77	21.21 1.30 -0.76	21.85 1.27 -2.39	22.61 1.32 -2.39	24.55 1.56 -3.00	25.96 1.57 -2.64	30.50 1.85 -2.56	38.08 2.27 -2.99	44.58 2.89 -2.62	47.42 3.10 -3.01	41.78 2.68 -2.87	34.19 2.13 -2.01	29.35 1.76 -2.38
PPL PILGRIM_ST_GT1 24216	26.30 1.84 -0.01	25.94 1.80 -2.42	21.90 1.65 -0.83	21.43 1.65 -0.86	23.15 1.64 -0.75	23.70 1.65 -0.58	25.13 1.70 -0.51	24.17 1.57 -0.55	23.21 1.54 -0.60	21.61 1.47 -0.84	22.15 1.50 -0.89	21.41 1.43 -0.94	21.57 1.49 -0.93	22.53 1.46 -2.89	23.29 1.51 -2.89	25.33 1.68 -3.66	26.67 1.72 -3.20	31.25 1.98 -3.18	38.90 2.46 -3.61	45.17 2.93 -3.16	48.08 3.14 -3.63	42.41 2.72 -3.47	34.72 2.16 -2.51	29.90 1.79 -2.90
PPL PILGRIM_ST_GT2 24217	26.30 1.84 -0.01	25.94 1.80 -2.42	21.90 1.65 -0.83	21.43 1.65 -0.86	23.15 1.64 -0.75	23.70 1.65 -0.58	25.13 1.70 -0.51	24.17 1.57 -0.55	23.21 1.54 -0.60	21.61 1.47 -0.84	22.15 1.50 -0.89	21.41 1.43 -0.94	21.57 1.49 -0.93	22.53 1.46 -2.89	23.29 1.51 -2.89	25.33 1.68 -3.66	26.67 1.72 -3.20	31.25 1.98 -3.18	38.90 2.46 -3.61	45.17 2.93 -3.16	48.08 3.14 -3.63	42.41 2.72 -3.47	34.72 2.16 -2.51	29.90 1.79 -2.90
PPL_SHRM_GT3 24213	26.28 1.81 -0.01	25.42 1.76 -1.95	21.71 1.63 -0.66	21.21 1.61 -0.68	22.97 1.62 -0.60	23.51 1.59 -0.46	24.95 1.63 -0.40	23.94 1.45 -0.44	22.98 1.43 -0.48	21.35 1.37 -0.67	21.83 1.36 -0.71	21.09 1.30 -0.75	21.25 1.36 -0.74	21.84 1.33 -2.32	22.60 1.38 -2.33	24.51 1.60 -2.92	25.95 1.63 -2.57	30.52 1.96 -2.48	38.17 2.43 -2.91	44.67 3.05 -2.55	47.55 3.31 -2.93	41.88 2.86 -2.80	34.27 2.28 -1.95	29.38 1.87 -2.31
PPL_SHRM_GT4 24214	26.28 1.81 -0.01	25.42 1.76 -1.95	21.71 1.63 -0.66	21.21 1.61 -0.68	22.97 1.62 -0.60	23.51 1.59 -0.46	24.95 1.63 -0.40	23.94 1.45 -0.44	22.98 1.43 -0.48	21.35 1.37 -0.67	21.83 1.36 -0.71	21.09 1.30 -0.75	21.25 1.36 -0.74	21.84 1.33 -2.32	22.60 1.38 -2.33	24.51 1.60 -2.92	25.95 1.63 -2.57	30.52 1.96 -2.48	38.17 2.43 -2.91	44.67 3.05 -2.55	47.55 3.31 -2.93	41.88 2.86 -2.80	34.27 2.28 -1.95	29.38 1.87 -2.31
PROJECT___ORANGE 1 24174	23.80 -0.66 0.00	21.06 -0.65 0.00	18.90 -0.52 0.00	18.43 -0.49 0.00	20.09 -0.66 0.00	20.80 -0.67 0.00	22.21 -0.71 0.00	21.52 -0.53 0.00	20.59 -0.48 0.00	18.85 -0.46 0.00	19.26 -0.49 0.00	18.59 -0.46 0.00	18.67 -0.48 0.00	17.73 -0.45 0.00	18.42 -0.47 0.00	19.51 -0.48 0.00	21.16 -0.59 0.00	25.46 -0.63 0.00	32.01 -0.82 0.00	38.06 -1.02 0.00	40.32 -0.99 0.00	35.43 -0.80 0.00	29.38 -0.66 0.00	24.68 -0.53 0.00
PROJECT___ORANGE 2 24166	23.80 -0.66 0.00	21.06 -0.65 0.00	18.90 -0.52 0.00	18.43 -0.49 0.00	20.09 -0.66 0.00	20.80 -0.67 0.00	22.21 -0.71 0.00	21.52 -0.53 0.00	20.59 -0.48 0.00	18.85 -0.46 0.00	19.26 -0.49 0.00	18.59 -0.46 0.00	18.67 -0.48 0.00	17.73 -0.45 0.00	18.42 -0.47 0.00	19.51 -0.48 0.00	21.16 -0.59 0.00	25.46 -0.63 0.00	32.01 -0.82 0.00	38.06 -1.02 0.00	40.32 -0.99 0.00	35.43 -0.80 0.00	29.38 -0.66 0.00	24.68 -0.53 0.00
PUCKETT___SOLAR 323809	24.41 -0.05 0.00	21.61 -0.11 0.00	19.40 -0.02 0.00	18.94 0.02 0.00	20.63 -0.12 0.00	21.38 -0.09 0.00	22.81 -0.11 0.00	22.03 -0.02 0.00	21.07 0.00 0.00	19.25 -0.06 0.00	19.64 -0.12 0.00	18.91 -0.13 0.00	18.97 -0.17 0.00	18.00 -0.18 0.00	18.70 -0.19 0.00	19.83 -0.16 0.00	21.55 -0.20 0.00	25.93 -0.16 0.00	32.77 -0.07 0.00	39.15 0.08 0.00	41.52 0.21 0.00	36.37 0.15 0.00	30.13 0.09 0.00	25.38 0.18 0.00
PYRITES___HYD 24023	24.78 0.32 0.00	21.78 0.07 0.00	19.48 0.06 0.00	18.92 0.00 0.00	21.05 0.29 0.00	21.78 0.32 0.00	23.22 0.30 0.00	22.36 0.31 0.00	21.28 0.21 0.00	19.43 0.12 0.00	19.78 0.02 0.00	19.01 -0.04 0.00	19.05 -0.10 0.00	18.04 -0.15 0.00	18.72 -0.17 0.00	19.61 -0.38 0.00	21.71 -0.04 0.00	26.19 0.10 0.00	33.32 0.49 0.00	39.93 0.86 0.00	42.39 1.07 0.00	37.06 0.83 0.00	30.76 0.72 0.00	25.71 0.50 0.00
QUAKERRD_115KV_BK1 80622	22.80 -1.66 0.00	20.00 -1.72 0.00	17.98 -1.44 0.00	17.56 -1.36 0.00	19.10 -1.66 0.00	19.74 -1.72 0.00	21.07 -1.86 0.00	20.62 -1.43 0.00	19.72 -1.35 0.00	17.98 -1.33 0.00	18.36 -1.40 0.00	17.77 -1.28 0.00	17.79 -1.36 0.00	16.88 -1.31 0.00	17.55 -1.34 0.00	18.59 -1.40 0.00	20.18 -1.57 0.00	24.21 -1.88 0.00	30.57 -2.27 0.00	36.57 -2.50 0.00	38.67 -2.64 0.00	34.05 -2.17 0.00	28.21 -1.83 0.00	23.87 -1.34 0.00
QUENSBRY_115KV_TB8 356137	25.36 0.90 0.00	22.54 0.83 0.00	20.18 0.76 0.00	19.70 0.78 0.00	21.51 0.75 0.00	22.34 0.88 0.00	23.68 0.76 0.00	22.67 0.62 0.00	21.56 0.48 0.00	19.72 0.41 0.00	20.19 0.43 0.00	19.44 0.40 0.00	19.57 0.42 0.00	18.57 0.38 0.00	19.29 0.40 0.00	20.51 0.52 0.00	22.38 0.63 0.00	26.90 0.81 0.00	33.98 1.15 0.00	40.44 1.37 0.00	42.84 1.53 0.00	37.45 1.23 0.00	31.09 1.05 0.00	25.99 0.78 0.00
RAMAPO___LBMP 323565	25.34 0.88 0.00	22.65 0.93 0.00	20.26 0.84 0.00	19.76 0.83 0.00	21.55 0.79 0.00	22.26 0.79 0.00	23.75 0.83 0.00	22.76 0.71 0.00	21.85 0.78 0.00	20.08 0.77 0.00	20.57 0.81 0.00	19.82 0.78 0.00	19.97 0.82 0.00	19.00 0.82 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.66 0.91 0.00	27.05 0.97 0.00	33.88 1.05 0.00	40.25 1.17 0.00	42.59 1.28 0.00	37.31 1.09 0.00	30.88 0.84 0.00	25.91 0.71 0.00
RANKINE____ 23646	22.67 -1.79 0.00	19.80 -1.91 0.00	17.95 -1.48 0.00	17.54 -1.38 0.00	18.91 -1.85 0.00	19.55 -1.91 0.00	20.70 -2.22 0.00	20.51 -1.54 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.44 -1.70 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.17 -1.82 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00
RAVENSWOOD_GT2_1 24244	25.58 1.13 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.87 1.11 0.00	20.09 1.05 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.37 1.28 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00
RAVENSWOOD_GT2_2 24245	25.58 1.13 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.87 1.11 0.00	20.09 1.05 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.37 1.28 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00



RAVENSWOOD_GT2_3 24246	25.58 1.13 0.00	22.91 1.19 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.15 1.07 0.00	20.37 1.06 0.00	20.87 1.11 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.21 1.22 0.00	22.94 1.20 0.00	27.39 1.30 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00
RAVENSWOOD_GT2_4 24247	25.58 1.13 0.00	22.91 1.19 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.15 1.07 0.00	20.37 1.06 0.00	20.87 1.11 0.00	20.11 1.07 0.00	20.28 1.13 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.21 1.22 0.00	22.94 1.20 0.00	27.39 1.30 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00
RAVENSWOOD_GT3_1 24248	25.58 1.13 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.85 1.09 0.00	20.09 1.05 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.37 1.28 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00
RAVENSWOOD_GT3_2 24249	25.58 1.13 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.85 1.09 0.00	20.09 1.05 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.37 1.28 0.00	34.28 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00
RAVENSWOOD_GT3_3 24250	25.61 1.15 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.80 1.04 0.00	22.49 1.03 0.00	24.00 1.08 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.11 1.07 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.42 1.33 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.74 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.16 0.96 0.00
RAVENSWOOD_GT3_4 24251	25.61 1.15 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.00 1.08 0.00	21.80 1.04 0.00	22.49 1.03 0.00	24.00 1.08 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.39 1.08 0.00	20.88 1.13 0.00	20.11 1.07 0.00	20.30 1.15 0.00	19.31 1.13 0.00	20.06 1.17 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.42 1.33 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.05 1.74 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.16 0.96 0.00
RAVENSWOOD_GT_1 23729	25.63 1.17 0.00	22.95 1.24 0.00	20.51 1.09 0.00	20.08 1.15 0.00	21.80 1.04 0.00	22.47 1.01 0.00	24.00 1.08 0.00	23.06 1.01 0.00	22.19 1.12 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.37 1.23 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.39 1.30 0.00	34.24 1.41 0.00	40.64 1.56 0.00	42.80 1.49 0.00	37.56 1.34 0.00	31.06 1.02 0.00	26.09 0.88 0.00
RAVENSWOOD_GT_10 24258	25.58 1.13 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.12 1.05 0.00	20.37 1.														

RAVENSWOOD___1 23533	25.56 1.10 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.43 0.97 0.00	24.00 1.08 0.00	23.11 1.06 0.00	22.19 1.12 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.21 1.38 0.00	40.60 1.52 0.00	42.76 1.45 0.00	37.53 1.30 0.00	31.03 0.99 0.00	26.06 0.86 0.00
RAVENSWOOD___2 23534	25.53 1.07 0.00	22.93 1.22 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.43 0.97 0.00	24.00 1.08 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.45 1.14 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.72 1.41 0.00	37.49 1.27 0.00	31.00 0.96 0.00	26.04 0.83 0.00
RAVENSWOOD___3 23535	25.56 1.10 0.00	22.89 1.17 0.00	20.47 1.05 0.00	19.98 1.06 0.00	21.77 1.02 0.00	22.45 0.99 0.00	24.00 1.08 0.00	23.06 1.01 0.00	22.12 1.05 0.00	20.37 1.06 0.00	20.86 1.11 0.00	20.09 1.05 0.00	20.26 1.11 0.00	19.29 1.11 0.00	20.04 1.15 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.37 1.28 0.00	34.27 1.44 0.00	40.68 1.60 0.00	43.01 1.69 0.00	37.67 1.45 0.00	31.15 1.11 0.00	26.14 0.93 0.00
RAVENSWOOD___4 23820	25.53 1.07 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.77 1.02 0.00	22.40 0.94 0.00	23.98 1.06 0.00	23.09 1.04 0.00	22.17 1.09 0.00	20.43 1.12 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.67 1.36 0.00	37.49 1.27 0.00	31.00 0.96 0.00	26.04 0.83 0.00
RCPL_TRUST___DRP 24196	25.63 1.17 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.51 1.05 0.00	24.02 1.10 0.00	23.06 1.01 0.00	22.17 1.10 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.13 1.09 0.00	20.30 1.15 0.00	19.33 1.15 0.00	20.08 1.19 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.45 1.36 0.00	34.37 1.54 0.00	40.75 1.68 0.00	43.13 1.82 0.00	37.74 1.52 0.00	31.24 1.20 0.00	26.19 0.98 0.00
RED___ROCHESTER 323720	23.26 -1.20 0.00	20.35 -1.37 0.00	18.32 -1.11 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.07 -1.39 0.00	21.43 -1.49 0.00	20.95 -1.10 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.11 -0.93 0.00	18.13 -1.02 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
REGAN___SOLAR 323812	25.49 1.03 0.00	22.63 0.91 0.00	20.28 0.85 0.00	19.76 0.83 0.00	21.57 0.81 0.00	22.38 0.92 0.00	23.79 0.87 0.00	22.73 0.68 0.00	21.56 0.49 0.00	19.72 0.41 0.00	20.13 0.37 0.00	19.39 0.34 0.00	19.49 0.35 0.00	18.49 0.31 0.00	19.25 0.36 0.00	20.43 0.44 0.00	22.31 0.56 0.00	26.90 0.81 0.00	34.11 1.28 0.00	40.79 1.72 0.00	43.30 1.98 0.00	37.89 1.67 0.00	31.42 1.38 0.00	26.26 1.06 0.00
RENSSELAER___COGEN 23796	24.58 0.12 0.00	21.89 0.17 0.00	19.60 0.17 0.00	19.11 0.19 0.00	20.90 0.15 0.00	21.61 0.15 0.00	23.08 0.16 0.00	22.12 0.07 0.00	21.07 0.00 0.00	19.33 0.02 0.00	19.82 0.06 0.00	19.10 0.06 0.00	19.22 0.08 0.00	18.28 0.09 0.00	18.98 0.09 0.00	20.11 0.12 0.00	21.88 0.13 0.00	26.19 0.10 0.00	32.90 0.07 0.00	39.03 -0.04 0.00	41.19 -0.12 0.00	36.08 -0.14 0.00	30.01 -0.03 0.00	25.15 -0.05 0.00
REPUBLIC_115KV_BARTNBK 55605	26.02 1.57 0.00	23.13 1.41 0.00	20.72 1.30 0.00	20.21 1.29 0.00	22.02 1.27 0.00	22.96 1.50 0.00	24.27 1.35 0.00	23.20 1.15 0.00	22.00 0.93 0.00	20.06 0.75 0.00	20.51 0.75 0.00	19.71 0.67 0.00	19.84 0.69 0.00	18.82 0.64 0.00	19.57 0.68 0.00	20.87 0.88 0.00	22.84 1.09 0.00	27.50 1.41 0.00	34.93 2.10 0.00	41.69 2.62 0.00	44.33 3.02 0.00	38.69 2.46 0.00	32.08 2.04 0.00	26.79 1.59 0.00
REVERE_CPPR_DRP 24186	24.68 0.22 0.00	21.87 0.15 0.00	19.64 0.21 0.00	19.11 0.19 0.00	20.92 0.17 0.00	21.70 0.24 0.00	23.17 0.25 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.48 0.17 0.00	19.92 0.16 0.00	19.18 0.13 0.00	19.24 0.10 0.00	18.22 0.04 0.00	18.91 0.02 0.00	20.05 0.06 0.00	21.86 0.11 0.00	26.32 0.23 0.00	33.29 0.46 0.00	39.78 0.70 0.00	42.18 0.87 0.00	36.88 0.65 0.00	30.58 0.54 0.00	25.66 0.45 0.00
REYNLDPA_13_KV_LD 356490	24.73 0.27 0.00	21.87 0.15 0.00	19.54 0.12 0.00	19.00 0.08 0.00	21.01 0.25 0.00	21.70 0.24 0.00	23.15 0.23 0.00	22.31 0.26 0.00	21.32 0.25 0.00	19.52 0.21 0.00	19.92 0.16 0.00	19.18 0.13 0.00	19.26 0.11 0.00	18.28 0.09 0.00	18.98 0.09 0.00	20.01 0.02 0.00	21.90 0.15 0.00	26.30 0.21 0.00	33.19 0.36 0.00	39.62 0.55 0.00	41.89 0.58 0.00	36.73 0.51 0.00	30.46 0.42 0.00	25.53 0.33 0.00
REYNOLDS_115KV_TB3 80639	24.73 0.27 0.00	22.02 0.30 0.00	19.71 0.29 0.00	19.23 0.30 0.00	21.03 0.27 0.00	21.72 0.26 0.00	23.22 0.30 0.00	22.23 0.18 0.00	21.18 0.11 0.00	19.45 0.14 0.00	19.94 0.18 0.00	19.23 0.19 0.00	19.36 0.21 0.00	18.40 0.22 0.00	19.10 0.21 0.00	20.25 0.26 0.00	22.01 0.26 0.00	26.38 0.29 0.00	33.13 0.30 0.00	39.31 0.23 0.00	41.44 0.12 0.00	36.33 0.11 0.00	30.19 0.15 0.00	25.28 0.08 0.00
RIVERBAY____ 323610	25.68 1.22 0.00	23.02 1.30 0.00	20.61 1.18 0.00	20.17 1.25 0.00	21.86 1.10 0.00	22.53 1.07 0.00	24.07 1.15 0.00	23.13 1.08 0.00	22.25 1.18 0.00	20.51 1.20 0.00	20.98 1.23 0.00	20.22 1.18 0.00	20.39 1.24 0.00	19.40 1.22 0.00	20.15 1.27 0.00	21.25 1.26 0.00	22.99 1.24 0.00	27.42 1.33 0.00	34.24 1.41 0.00	40.68 1.60 0.00	42.84 1.53 0.00	37.60 1.38 0.00	31.09 1.05 0.00	26.11 0.91 0.00
RIVERSDE_115KV_TB3 55908	24.65 0.20 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.97 0.21 0.00	21.68 0.21 0.00	23.15 0.23 0.00	22.16 0.11 0.00	21.13 0.06 0.00	19.39 0.08 0.00	19.88 0.12 0.00	19.18 0.13 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.04 0.15 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.19 0.12 0.00	41.31 0.00 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.23 0.03 0.00
ROARING___BROOK_WT_PWR 323790	24.19 -0.27 0.00	21.48 -0.24 0.00	19.23 -0.19 0.00	18.73 -0.19 0.00	20.59 -0.17 0.00	21.31 -0.15 0.00	22.79 -0.14 0.00	21.94 -0.11 0.00	20.97 -0.10 0.00	19.21 -0.10 0.00	19.64 -0.12 0.00	18.93 -0.11 0.00	19.01 -0.13 0.00	18.04 -0.15 0.00	18.74 -0.15 0.00	19.81 -0.18 0.00	21.57 -0.17 0.00	25.91 -0.18 0.00	32.63 -0.20 0.00	38.84 -0.23 0.00	41.07 -0.25 0.00	35.97 -0.25 0.00	29.83 -0.21 0.00	25.05 -0.15 0.00

ROCHESRG_115KV_T4 355643	23.06 -1.39 0.00	20.19 -1.52 0.00	18.20 -1.22 0.00	17.77 -1.15 0.00	19.30 -1.45 0.00	19.94 -1.52 0.00	21.25 -1.67 0.00	20.86 -1.19 0.00	19.93 -1.14 0.00	18.15 -1.16 0.00	18.53 -1.23 0.00	17.94 -1.10 0.00	17.94 -1.21 0.00	17.04 -1.15 0.00	17.70 -1.19 0.00	18.75 -1.24 0.00	20.34 -1.41 0.00	24.42 -1.67 0.00	30.86 -1.97 0.00	36.96 -2.11 0.00	39.04 -2.27 0.00	34.41 -1.81 0.00	28.51 -1.53 0.00	24.22 -0.98 0.00
ROCHESTER_9_IC 23652	23.16 -1.30 0.00	20.28 -1.43 0.00	18.26 -1.17 0.00	17.83 -1.10 0.00	19.37 -1.39 0.00	20.02 -1.44 0.00	21.34 -1.58 0.00	20.97 -1.08 0.00	20.04 -1.03 0.00	18.25 -1.06 0.00	18.61 -1.15 0.00	18.03 -1.01 0.00	18.04 -1.11 0.00	17.13 -1.05 0.00	17.79 -1.10 0.00	18.85 -1.14 0.00	20.47 -1.28 0.00	24.55 -1.54 0.00	31.03 -1.81 0.00	37.20 -1.88 0.00	39.29 -2.02 0.00	34.63 -1.59 0.00	28.69 -1.35 0.00	24.35 -0.86 0.00
ROCKVIEW_13_KV_LD 356306	25.58 1.13 0.00	22.89 1.17 0.00	20.45 1.03 0.00	19.96 1.04 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.00 0.95 0.00	22.08 1.01 0.00	20.31 1.00 0.00	20.81 1.05 0.00	20.05 1.01 0.00	20.22 1.07 0.00	19.24 1.05 0.00	19.98 1.10 0.00	21.17 1.18 0.00	22.92 1.17 0.00	27.37 1.28 0.00	34.31 1.48 0.00	40.71 1.64 0.00	43.09 1.78 0.00	37.71 1.49 0.00	31.24 1.20 0.00	26.16 0.96 0.00
ROME____115KV_TB2 80656	24.68 0.22 0.00	21.87 0.15 0.00	19.64 0.21 0.00	19.11 0.19 0.00	20.92 0.17 0.00	21.70 0.24 0.00	23.17 0.25 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.48 0.17 0.00	19.92 0.16 0.00	19.18 0.13 0.00	19.24 0.10 0.00	18.22 0.04 0.00	18.91 0.02 0.00	20.05 0.06 0.00	21.86 0.11 0.00	26.32 0.23 0.00	33.29 0.46 0.00	39.78 0.70 0.00	42.18 0.87 0.00	36.88 0.65 0.00	30.58 0.54 0.00	25.66 0.45 0.00
ROSETON___1 23587	25.31 0.86 0.00	22.63 0.91 0.00	20.22 0.80 0.00	19.74 0.81 0.00	21.55 0.79 0.00	22.23 0.77 0.00	23.75 0.82 0.00	22.80 0.75 0.00	21.83 0.76 0.00	20.06 0.75 0.00	20.53 0.77 0.00	19.79 0.74 0.00	19.95 0.80 0.00	18.97 0.78 0.00	19.72 0.83 0.00	20.87 0.88 0.00	22.64 0.89 0.00	27.05 0.97 0.00	33.91 1.08 0.00	40.24 1.17 0.00	42.59 1.28 0.00	37.31 1.09 0.00	30.88 0.84 0.00	25.91 0.70 0.00
ROSETON___2 23588	25.31 0.86 0.00	22.63 0.91 0.00	20.22 0.80 0.00	19.74 0.81 0.00	21.55 0.79 0.00	22.23 0.77 0.00	23.75 0.82 0.00	22.80 0.75 0.00	21.83 0.76 0.00	20.06 0.75 0.00	20.53 0.77 0.00	19.79 0.74 0.00	19.95 0.80 0.00	18.97 0.78 0.00	19.72 0.83 0.00	20.87 0.88 0.00	22.64 0.89 0.00	27.05 0.97 0.00	33.91 1.08 0.00	40.24 1.17 0.00	42.59 1.28 0.00	37.31 1.09 0.00	30.88 0.84 0.00	25.91 0.70 0.00
ROTRRDAM_115KV_TB3 80664	24.85 0.39 0.00	22.11 0.39 0.00	19.79 0.37 0.00	19.30 0.38 0.00	21.11 0.35 0.00	21.85 0.39 0.00	23.31 0.39 0.00	22.34 0.29 0.00	21.30 0.23 0.00	19.52 0.21 0.00	20.00 0.24 0.00	19.27 0.23 0.00	19.38 0.23 0.00	18.40 0.22 0.00	19.13 0.25 0.00	20.27 0.28 0.00	22.05 0.30 0.00	26.48 0.39 0.00	33.32 0.49 0.00	39.66 0.59 0.00	41.93 0.62 0.00	36.73 0.51 0.00	30.49 0.45 0.00	25.53 0.33 0.00
RUSSELL___1 23602	23.26 -1.20 0.00	20.35 -1.37 0.00	18.33 -1.09 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.09 -1.37 0.00	21.43 -1.49 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.13 -0.91 0.00	18.13 -1.01 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
RUSSELL___2 23532	23.26 -1.20 0.00	20.35 -1.37 0.00	18.33 -1.09 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.09 -1.37 0.00	21.43 -1.49 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.13 -0.91 0.00	18.13 -1.01 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
RUSSELL___3 23549	23.26 -1.20 0.00	20.35 -1.37 0.00	18.33 -1.09 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.09 -1.37 0.00	21.43 -1.49 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.13 -0.91 0.00	18.13 -1.01 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
RUSSELL___4 23556	23.26 -1.20 0.00	20.35 -1.37 0.00	18.33 -1.09 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.09 -1.37 0.00	21.43 -1.49 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.13 -0.91 0.00	18.13 -1.01 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
RUSSELL___STATION 23914	23.26 -1.20 0.00	20.35 -1.37 0.00	18.33 -1.09 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.09 -1.37 0.00	21.43 -1.49 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.13 -0.91 0.00	18.13 -1.01 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
S SALMON___HYD 24043	23.73 -0.73 0.00	20.98 -0.74 0.00	18.82 -0.60 0.00	18.36 -0.57 0.00	20.05 -0.71 0.00	20.73 -0.73 0.00	22.14 -0.78 0.00	21.39 -0.66 0.00	20.44 -0.63 0.00	18.67 -0.64 0.00	19.11 -0.65 0.00	18.43 -0.61 0.00	18.50 -0.65 0.00	17.53 -0.65 0.00	18.19 -0.70 0.00	19.23 -0.76 0.00	20.90 -0.85 0.00	25.20 -0.89 0.00	31.88 -0.95 0.00	38.06 -1.02 0.00	40.44 -0.87 0.00	35.50 -0.72 0.00	29.41 -0.63 0.00	24.65 -0.55 0.00
S.PERRY__115KV_TB1 80734	23.75 -0.71 0.00	20.76 -0.96 0.00	18.70 -0.72 0.00	18.28 -0.64 0.00	19.84 -0.91 0.00	20.52 -0.94 0.00	21.89 -1.03 0.00	21.43 -0.62 0.00	20.35 -0.72 0.00	18.44 -0.87 0.00	18.73 -1.03 0.00	18.07 -0.97 0.00	18.02 -1.13 0.00	17.06 -1.13 0.00	17.81 -1.08 0.00	18.87 -1.12 0.00	20.51 -1.24 0.00	24.78 -1.30 0.00	31.68 -1.15 0.00	38.37 -0.70 0.00	40.73 -0.58 0.00	35.93 -0.29 0.00	29.65 -0.39 0.00	25.10 -0.10 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.50 -1.96 0.00	19.63 -2.08 0.00	17.79 -1.63 0.00	17.37 -1.55 0.00	18.74 -2.01 0.00	19.38 -2.08 0.00	20.52 -2.41 0.00	20.35 -1.70 0.00	19.41 -1.66 0.00	17.63 -1.68 0.00	17.94 -1.82 0.00	17.41 -1.64 0.00	17.31 -1.84 0.00	16.40 -1.78 0.00	17.09 -1.79 0.00	18.05 -1.94 0.00	19.53 -2.22 0.00	23.40 -2.69 0.00	29.71 -3.12 0.00	35.71 -3.36 0.00	37.80 -3.51 0.00	33.22 -3.01 0.00	27.73 -2.31 0.00	23.87 -1.34 0.00

SAWYER___23_KV_LOAD 55526	22.50 -1.96 0.00	19.63 -2.08 0.00	17.79 -1.63 0.00	17.37 -1.55 0.00	18.74 -2.01 0.00	19.38 -2.08 0.00	20.52 -2.41 0.00	20.35 -1.70 0.00	19.41 -1.66 0.00	17.63 -1.68 0.00	17.94 -1.82 0.00	17.41 -1.64 0.00	17.31 -1.84 0.00	16.40 -1.78 0.00	17.09 -1.79 0.00	18.05 -1.94 0.00	19.53 -2.22 0.00	23.40 -2.69 0.00	29.71 -3.12 0.00	35.71 -3.36 0.00	37.80 -3.51 0.00	33.22 -3.01 0.00	27.73 -2.31 0.00	23.87 -1.34 0.00
SELKIRK___I 23801	24.75 0.29 0.00	22.04 0.33 0.00	19.73 0.31 0.00	19.25 0.32 0.00	21.05 0.29 0.00	21.78 0.32 0.00	23.24 0.32 0.00	22.25 0.20 0.00	21.20 0.13 0.00	19.43 0.12 0.00	19.90 0.14 0.00	19.19 0.15 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.06 0.17 0.00	20.19 0.20 0.00	21.97 0.22 0.00	26.32 0.23 0.00	33.13 0.29 0.00	39.35 0.28 0.00	41.56 0.25 0.00	36.44 0.22 0.00	30.28 0.24 0.00	25.41 0.20 0.00
SELKIRK___II 23799	24.68 0.22 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.99 0.23 0.00	21.70 0.24 0.00	23.18 0.25 0.00	22.21 0.16 0.00	21.16 0.08 0.00	19.41 0.10 0.00	19.90 0.14 0.00	19.18 0.13 0.00	19.30 0.15 0.00	18.35 0.16 0.00	19.06 0.17 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.23 0.16 0.00	41.40 0.08 0.00	36.30 0.07 0.00	30.16 0.12 0.00	25.28 0.08 0.00
SENECA OSWGO___HYD 24041	23.43 -1.03 0.00	20.74 -0.98 0.00	18.59 -0.83 0.00	18.15 -0.78 0.00	19.78 -0.98 0.00	20.47 -0.99 0.00	21.89 -1.03 0.00	21.17 -0.88 0.00	20.27 -0.80 0.00	18.56 -0.75 0.00	18.99 -0.77 0.00	18.30 -0.74 0.00	18.38 -0.77 0.00	17.44 -0.75 0.00	18.11 -0.78 0.00	19.21 -0.78 0.00	20.84 -0.91 0.00	25.07 -1.02 0.00	31.55 -1.28 0.00	37.55 -1.52 0.00	39.79 -1.53 0.00	34.92 -1.30 0.00	28.93 -1.11 0.00	24.30 -0.91 0.00
SENECA___115KV_TB3 355854	22.70 -1.76 0.00	19.83 -1.89 0.00	17.97 -1.46 0.00	17.56 -1.36 0.00	18.93 -1.83 0.00	19.57 -1.89 0.00	20.70 -2.22 0.00	20.53 -1.52 0.00	19.57 -1.50 0.00	17.80 -1.51 0.00	18.08 -1.68 0.00	17.56 -1.49 0.00	17.44 -1.70 0.00	16.53 -1.65 0.00	17.23 -1.66 0.00	18.19 -1.80 0.00	19.68 -2.07 0.00	23.58 -2.50 0.00	29.97 -2.86 0.00	36.06 -3.01 0.00	38.21 -3.10 0.00	33.58 -2.64 0.00	28.00 -2.04 0.00	24.10 -1.11 0.00
SENECA___ENERGY 23797	23.50 -0.95 0.00	20.74 -0.98 0.00	18.63 -0.80 0.00	18.19 -0.74 0.00	19.80 -0.95 0.00	20.47 -0.99 0.00	21.89 -1.03 0.00	21.23 -0.82 0.00	20.35 -0.72 0.00	18.58 -0.73 0.00	18.97 -0.79 0.00	18.30 -0.74 0.00	18.34 -0.80 0.00	17.40 -0.78 0.00	18.10 -0.79 0.00	19.19 -0.80 0.00	20.84 -0.91 0.00	25.07 -1.02 0.00	31.65 -1.18 0.00	37.82 -1.25 0.00	39.95 -1.36 0.00	35.17 -1.05 0.00	29.11 -0.93 0.00	24.50 -0.71 0.00
SHOEMAKER___GT 23640	25.17 0.71 0.00	22.45 0.74 0.00	20.08 0.66 0.00	19.59 0.66 0.00	21.40 0.64 0.00	22.08 0.62 0.00	23.59 0.67 0.00	22.62 0.57 0.00	21.66 0.59 0.00	19.87 0.56 0.00	20.35 0.59 0.00	19.60 0.55 0.00	19.74 0.59 0.00	18.77 0.58 0.00	19.49 0.60 0.00	20.65 0.66 0.00	22.40 0.65 0.00	26.82 0.73 0.00	33.65 0.82 0.00	40.01 0.94 0.00	42.39 1.07 0.00	37.09 0.87 0.00	30.70 0.66 0.00	25.78 0.58 0.00
SHOEMAKR_138KV_BK 111 55601	25.17 0.71 0.00	22.45 0.74 0.00	20.08 0.66 0.00	19.59 0.66 0.00	21.40 0.64 0.00	22.11 0.64 0.00	23.59 0.66 0.00	22.60 0.55 0.00	21.66 0.59 0.00	19.87 0.56 0.00	20.35 0.59 0.00	19.61 0.57 0.00	19.76 0.61 0.00	18.79 0.60 0.00	19.51 0.62 0.00	20.67 0.68 0.00	22.42 0.67 0.00	26.82 0.73 0.00	33.65 0.82 0.00	40.01 0.94 0.00	42.39 1.07 0.00	37.09 0.87 0.00	30.70 0.66 0.00	25.78 0.58 0.00
SHOREHAM_IC_1 23715	26.28 1.81 -0.01	25.42 1.76 -1.95	21.71 1.63 -0.66	21.21 1.61 -0.68	22.97 1.62 -0.60	23.51 1.59 -0.46	24.95 1.63 -0.40	23.94 1.45 -0.44	22.98 1.43 -0.48	21.35 1.37 -0.67	21.83 1.36 -0.71	21.09 1.30 -0.75	21.25 1.36 -0.74	21.84 1.33 -2.32	22.60 1.38 -2.33	24.51 1.60 -2.92	25.95 1.63 -2.57	30.52 1.96 -2.48	38.17 2.43 -2.91	44.67 3.05 -2.55	47.55 3.31 -2.93	41.88 2.86 -2.80	34.27 2.28 -1.95	29.38 1.87 -2.31
SHOREHAM_IC_2 23716	26.28 1.81 -0.01	25.42 1.76 -1.95	21.71 1.63 -0.66	21.22 1.61 -0.68	22.97 1.62 -0.60	23.53 1.61 -0.46	24.93 1.60 -0.40	23.90 1.41 -0.44	22.98 1.43 -0.48	21.35 1.37 -0.67	21.83 1.36 -0.71	21.09 1.29 -0.75	21.25 1.36 -0.74	21.84 1.33 -2.32	22.60 1.38 -2.33	24.51 1.60 -2.92	25.95 1.63 -2.57	30.52 1.96 -2.48	38.17 2.43 -2.91	44.67 3.05 -2.55	47.54 3.31 -2.93	41.84 2.83 -2.80	34.27 2.28 -1.95	29.38 1.87 -2.31
SISSONVILLE____ 23735	24.29 -0.17 0.00	21.37 -0.35 0.00	19.09 -0.33 0.00	18.55 -0.38 0.00	20.63 -0.12 0.00	21.33 -0.13 0.00	22.78 -0.14 0.00	21.96 -0.09 0.00	20.94 -0.13 0.00	19.16 -0.15 0.00	19.52 -0.24 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.84 -0.35 0.00	18.51 -0.38 0.00	19.39 -0.60 0.00	21.40 -0.35 0.00	25.78 -0.31 0.00	32.67 -0.16 0.00	39.07 0.00 0.00	41.40 0.08 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.15 -0.05 0.00
SITHE_IND_GS1 24169	23.29 -1.17 0.00	20.61 -1.11 0.00	18.49 -0.93 0.00	18.03 -0.89 0.00	19.70 -1.06 0.00	20.37 -1.09 0.00	21.78 -1.15 0.00	21.04 -1.01 0.00	20.14 -0.93 0.00	18.42 -0.89 0.00	18.85 -0.91 0.00	18.19 -0.86 0.00	18.25 -0.90 0.00	17.33 -0.85 0.00	18.00 -0.89 0.00	19.07 -0.92 0.00	20.71 -1.04 0.00	24.89 -1.20 0.00	31.32 -1.51 0.00	37.28 -1.80 0.00	39.45 -1.86 0.00	34.63 -1.59 0.00	28.72 -1.32 0.00	24.15 -1.06 0.00
SITHE_IND_GS2 24170	23.29 -1.17 0.00	20.61 -1.11 0.00	18.49 -0.93 0.00	18.03 -0.89 0.00	19.70 -1.06 0.00	20.37 -1.09 0.00	21.78 -1.15 0.00	21.04 -1.01 0.00	20.14 -0.93 0.00	18.42 -0.89 0.00	18.85 -0.91 0.00	18.19 -0.86 0.00	18.25 -0.90 0.00	17.33 -0.85 0.00	18.00 -0.89 0.00	19.07 -0.92 0.00	20.71 -1.04 0.00	24.89 -1.20 0.00	31.32 -1.51 0.00	37.28 -1.80 0.00	39.45 -1.86 0.00	34.63 -1.59 0.00	28.72 -1.32 0.00	24.15 -1.06 0.00
SITHE_IND_GS3 24171	23.29 -1.17 0.00	20.61 -1.11 0.00	18.49 -0.93 0.00	18.03 -0.89 0.00	19.70 -1.06 0.00	20.37 -1.09 0.00	21.78 -1.15 0.00	21.04 -1.01 0.00	20.14 -0.93 0.00	18.42 -0.89 0.00	18.85 -0.91 0.00	18.19 -0.86 0.00	18.25 -0.90 0.00	17.33 -0.85 0.00	18.00 -0.89 0.00	19.07 -0.92 0.00	20.71 -1.04 0.00	24.89 -1.20 0.00	31.32 -1.51 0.00	37.28 -1.80 0.00	39.45 -1.86 0.00	34.63 -1.59 0.00	28.72 -1.32 0.00	24.15 -1.06 0.00
SITHE_IND_GS4 24172	23.29 -1.17 0.00	20.61 -1.11 0.00	18.49 -0.93 0.00	18.03 -0.89 0.00	19.70 -1.06 0.00	20.37 -1.09 0.00	21.78 -1.15 0.00	21.04 -1.01 0.00	20.14 -0.93 0.00	18.42 -0.89 0.00	18.85 -0.91 0.00	18.19 -0.86 0.00	18.25 -0.90 0.00	17.33 -0.85 0.00	18.00 -0.89 0.00	19.07 -0.92 0.00	20.71 -1.04 0.00	24.89 -1.20 0.00	31.32 -1.51 0.00	37.28 -1.80 0.00	39.45 -1.86 0.00	34.63 -1.59 0.00	28.72 -1.32 0.00	24.15 -1.06 0.00

SITHE___BATAVIA 24024	23.11 -1.35 0.00	20.11 -1.61 0.00	18.14 -1.28 0.00	17.75 -1.17 0.00	19.22 -1.54 0.00	19.81 -1.65 0.00	21.11 -1.81 0.00	20.75 -1.30 0.00	19.91 -1.16 0.00	18.06 -1.25 0.00	18.36 -1.40 0.00	17.81 -1.24 0.00	17.73 -1.42 0.00	16.80 -1.38 0.00	17.49 -1.40 0.00	18.55 -1.44 0.00	20.12 -1.63 0.00	24.19 -1.90 0.00	30.73 -2.10 0.00	37.08 -1.99 0.00	39.21 -2.11 0.00	34.63 -1.59 0.00	28.66 -1.38 0.00	24.47 -0.73 0.00
SITHE___INDEPEND 23800	23.28 -1.17 0.00	20.61 -1.11 0.00	18.49 -0.93 0.00	18.03 -0.89 0.00	19.70 -1.06 0.00	20.37 -1.09 0.00	21.78 -1.15 0.00	21.06 -0.99 0.00	20.14 -0.93 0.00	18.42 -0.89 0.00	18.85 -0.91 0.00	18.19 -0.86 0.00	18.25 -0.90 0.00	17.33 -0.85 0.00	18.00 -0.89 0.00	19.07 -0.92 0.00	20.70 -1.04 0.00	24.89 -1.20 0.00	31.32 -1.51 0.00	37.28 -1.80 0.00	39.45 -1.86 0.00	34.63 -1.59 0.00	28.72 -1.32 0.00	24.15 -1.06 0.00
SITHE___MASSENA 23902	24.75 0.29 0.00	21.82 0.11 0.00	19.48 0.06 0.00	18.94 0.02 0.00	21.03 0.27 0.00	21.72 0.26 0.00	23.20 0.28 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.12 0.00	18.28 0.09 0.00	18.98 0.09 0.00	19.91 -0.08 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.62 0.00	42.01 0.70 0.00	36.84 0.62 0.00	30.55 0.51 0.00	25.58 0.38 0.00
SITHE___OGDNSBRG 24021	24.90 0.44 0.00	21.91 0.20 0.00	19.58 0.16 0.00	19.02 0.09 0.00	21.15 0.39 0.00	21.89 0.43 0.00	23.34 0.41 0.00	22.45 0.40 0.00	21.37 0.29 0.00	19.50 0.19 0.00	19.88 0.12 0.00	19.08 0.04 0.00	19.15 0.00 0.00	18.13 -0.05 0.00	18.81 -0.08 0.00	19.73 -0.26 0.00	21.79 0.04 0.00	26.32 0.23 0.00	33.45 0.62 0.00	40.09 1.02 0.00	42.51 1.20 0.00	37.20 0.98 0.00	30.85 0.81 0.00	25.81 0.60 0.00
SITHE___STERLING 23777	24.56 0.10 0.00	21.76 0.04 0.00	19.52 0.10 0.00	19.02 0.10 0.00	20.80 0.04 0.00	21.57 0.11 0.00	23.04 0.12 0.00	22.21 0.16 0.00	21.22 0.15 0.00	19.39 0.08 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.17 -0.02 0.00	18.87 -0.02 0.00	19.99 0.00 0.00	21.77 0.02 0.00	26.19 0.10 0.00	33.09 0.26 0.00	39.50 0.43 0.00	41.85 0.54 0.00	36.66 0.44 0.00	30.40 0.36 0.00	25.48 0.28 0.00
SLEIGHT__34_KV_TB1 80719	23.26 -1.20 0.00	20.43 -1.28 0.00	18.37 -1.05 0.00	17.94 -0.98 0.00	19.51 -1.25 0.00	20.17 -1.29 0.00	21.55 -1.38 0.00	21.08 -0.97 0.00	20.16 -0.91 0.00	18.38 -0.93 0.00	18.77 -0.99 0.00	18.15 -0.90 0.00	18.19 -0.96 0.00	17.26 -0.93 0.00	17.93 -0.96 0.00	19.01 -0.98 0.00	20.64 -1.11 0.00	24.81 -1.28 0.00	31.32 -1.51 0.00	37.47 -1.60 0.00	39.62 -1.69 0.00	34.88 -1.34 0.00	28.84 -1.20 0.00	24.32 -0.88 0.00
SMITHTWN_69_KV_BK 1 55830	26.23 1.76 -0.01	25.53 1.74 -2.08	21.72 1.59 -0.71	21.23 1.57 -0.73	22.97 1.58 -0.64	23.52 1.57 -0.49	24.93 1.58 -0.43	23.91 1.39 -0.47	22.99 1.41 -0.51	21.38 1.35 -0.71	21.90 1.38 -0.76	21.16 1.31 -0.80	21.32 1.38 -0.79	22.01 1.35 -2.48	22.79 1.42 -2.49	24.71 1.60 -3.12	26.13 1.63 -2.75	30.69 1.93 -2.67	38.30 2.36 -3.10	44.64 2.85 -2.72	47.49 3.06 -3.12	41.85 2.64 -2.98	34.28 2.13 -2.11	29.42 1.74 -2.47
SOUTH CAIRO___GT 23612	25.36 0.90 0.00	22.58 0.87 0.00	20.12 0.70 0.00	19.64 0.72 0.00	21.53 0.77 0.00	22.28 0.82 0.00	23.72 0.80 0.00	22.67 0.62 0.00	21.51 0.44 0.00	19.58 0.27 0.00	20.05 0.30 0.00	19.29 0.25 0.00	19.38 0.23 0.00	18.40 0.22 0.00	19.13 0.25 0.00	20.29 0.30 0.00	22.10 0.35 0.00	26.72 0.63 0.00	33.72 0.89 0.00	40.17 1.09 0.00	42.76 1.45 0.00	37.31 1.09 0.00	30.94 0.90 0.00	26.04 0.83 0.00
SOUTH HAMPTN___IC 23720	26.33 1.86 -0.01	25.43 1.80 -1.91	21.72 1.65 -0.65	21.22 1.63 -0.67	22.98 1.64 -0.58	23.54 1.63 -0.45	24.97 1.65 -0.39	23.98 1.50 -0.43	23.01 1.47 -0.47	21.39 1.43 -0.65	21.84 1.38 -0.70	21.09 1.31 -0.73	21.27 1.40 -0.72	21.83 1.36 -2.28	22.59 1.42 -2.29	24.49 1.64 -2.86	25.99 1.72 -2.52	30.57 2.06 -2.42	38.28 2.59 -2.85	44.81 3.24 -2.50	47.74 3.55 -2.87	42.04 3.08 -2.74	34.41 2.46 -1.90	29.51 2.04 -2.26
SOUTHDOW_115KV_TB1 355954	23.24 -1.22 0.00	20.35 -1.37 0.00	18.45 -0.97 0.00	18.03 -0.89 0.00	19.41 -1.35 0.00	20.09 -1.37 0.00	21.27 -1.65 0.00	21.08 -0.97 0.00	20.12 -0.95 0.00	18.31 -1.00 0.00	18.55 -1.21 0.00	17.96 -1.09 0.00	17.83 -1.32 0.00	16.86 -1.33 0.00	17.59 -1.30 0.00	18.51 -1.48 0.00	20.03 -1.72 0.00	24.03 -2.06 0.00	30.63 -2.20 0.00	37.04 -2.03 0.00	39.41 -1.90 0.00	34.63 -1.59 0.00	28.84 -1.20 0.00	24.80 -0.40 0.00
SOUTHOLD_69_KV_BK 2 55809	26.30 1.83 -0.01	25.39 1.76 -1.91	21.66 1.59 -0.65	21.16 1.57 -0.67	22.94 1.60 -0.58	23.50 1.59 -0.45	24.94 1.63 -0.39	23.91 1.43 -0.43	23.01 1.47 -0.47	21.39 1.43 -0.65	21.76 1.30 -0.70	21.05 1.28 -0.73	21.23 1.36 -0.73	21.79 1.33 -2.28	22.52 1.34 -2.29	24.47 1.62 -2.86	26.01 1.74 -2.52	30.65 2.14 -2.42	38.38 2.69 -2.85	45.01 3.44 -2.50	47.99 3.80 -2.87	42.34 3.37 -2.74	34.65 2.70 -1.91	29.71 2.24 -2.26
SOUTHOLD___IC 23719	26.30 1.84 -0.01	25.39 1.76 -1.91	21.66 1.59 -0.65	21.16 1.57 -0.67	22.94 1.60 -0.58	23.48 1.57 -0.45	24.94 1.63 -0.39	23.93 1.45 -0.43	23.01 1.47 -0.47	21.39 1.43 -0.65	21.76 1.30 -0.70	21.05 1.28 -0.73	21.23 1.36 -0.73	21.79 1.33 -2.28	22.52 1.34 -2.29	24.47 1.62 -2.86	26.01 1.74 -2.52	30.65 2.14 -2.42	38.38 2.69 -2.85	45.01 3.44 -2.50	47.98 3.80 -2.87	42.34 3.37 -2.74	34.65 2.70 -1.91	29.71 2.24 -2.26
SOUTH_FORK_WT_PWR 323839	26.08 1.61 -0.01	25.17 1.54 -1.91	21.47 1.40 -0.65	20.97 1.38 -0.67	22.73 1.39 -0.58	23.29 1.37 -0.45	24.74 1.42 -0.39	23.74 1.26 -0.43	22.80 1.26 -0.47	21.22 1.25 -0.65	21.52 1.07 -0.70	20.84 1.07 -0.73	21.06 1.19 -0.73	21.61 1.15 -2.28	22.31 1.13 -2.29	24.25 1.40 -2.86	25.82 1.54 -2.52	30.42 1.90 -2.42	38.11 2.43 -2.85	44.70 3.13 -2.50	47.74 3.55 -2.87	42.15 3.19 -2.74	34.50 2.55 -1.91	29.63 2.17 -2.26
SPIERFLS_115KV_TB 1 80737	25.27 0.81 0.00	22.45 0.74 0.00	20.12 0.70 0.00	19.62 0.70 0.00	21.44 0.69 0.00	22.26 0.79 0.00	23.59 0.66 0.00	22.58 0.53 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.11 0.36 0.00	19.39 0.34 0.00	19.49 0.34 0.00	18.51 0.33 0.00	19.23 0.34 0.00	20.43 0.44 0.00	22.29 0.54 0.00	26.79 0.70 0.00	33.82 0.98 0.00	40.25 1.17 0.00	42.63 1.32 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.86 0.66 0.00
ST LAWRENCE____ 23600	24.46 0.00 0.00	21.65 -0.06 0.00	19.33 -0.10 0.00	18.81 -0.11 0.00	20.78 0.02 0.00	21.46 0.00 0.00	22.92 0.00 0.00	22.07 0.02 0.00	21.09 0.02 0.00	19.31 0.00 0.00	19.74 -0.02 0.00	18.99 -0.06 0.00	19.09 -0.06 0.00	18.11 -0.07 0.00	18.81 -0.08 0.00	19.83 -0.16 0.00	21.71 -0.04 0.00	26.06 -0.03 0.00	32.90 0.07 0.00	39.19 0.12 0.00	41.48 0.17 0.00	36.33 0.11 0.00	30.16 0.12 0.00	25.26 0.05 0.00

STATE_CA_115KV_115_LB 55624	24.65 0.20 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.97 0.21 0.00	21.68 0.21 0.00	23.15 0.23 0.00	22.16 0.11 0.00	21.13 0.06 0.00	19.39 0.08 0.00	19.88 0.12 0.00	19.16 0.11 0.00	19.28 0.13 0.00	18.33 0.15 0.00	19.04 0.15 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.15 0.08 0.00	41.35 0.04 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.26 0.05 0.00
STATE_ST_34_KV_LOAD 55959	23.75 -0.71 0.00	21.00 -0.72 0.00	18.84 -0.58 0.00	18.38 -0.55 0.00	20.03 -0.73 0.00	20.73 -0.73 0.00	22.17 -0.76 0.00	21.50 -0.55 0.00	20.59 -0.48 0.00	18.83 -0.48 0.00	19.23 -0.53 0.00	18.55 -0.50 0.00	18.61 -0.54 0.00	17.66 -0.53 0.00	18.34 -0.55 0.00	19.45 -0.54 0.00	21.12 -0.63 0.00	25.44 -0.65 0.00	32.08 -0.76 0.00	38.29 -0.78 0.00	40.53 -0.78 0.00	35.61 -0.62 0.00	29.44 -0.60 0.00	24.73 -0.48 0.00
STATION_5_MISC_HYD 23604	23.16 -1.30 0.00	20.28 -1.43 0.00	18.26 -1.16 0.00	17.83 -1.10 0.00	19.37 -1.39 0.00	20.00 -1.46 0.00	21.34 -1.58 0.00	20.88 -1.17 0.00	20.04 -1.03 0.00	18.25 -1.06 0.00	18.61 -1.15 0.00	18.03 -1.01 0.00	18.04 -1.11 0.00	17.13 -1.06 0.00	17.79 -1.10 0.00	18.87 -1.12 0.00	20.47 -1.28 0.00	24.55 -1.54 0.00	31.03 -1.81 0.00	37.20 -1.87 0.00	39.29 -2.02 0.00	34.63 -1.59 0.00	28.69 -1.35 0.00	24.35 -0.86 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.36 -1.10 0.00	20.52 -1.19 0.00	18.45 -0.97 0.00	18.02 -0.91 0.00	19.60 -1.16 0.00	20.28 -1.18 0.00	21.66 -1.26 0.00	21.17 -0.88 0.00	20.23 -0.84 0.00	18.44 -0.87 0.00	18.83 -0.93 0.00	18.21 -0.84 0.00	18.23 -0.92 0.00	17.29 -0.89 0.00	17.98 -0.91 0.00	19.05 -0.94 0.00	20.68 -1.07 0.00	24.86 -1.23 0.00	31.39 -1.44 0.00	37.59 -1.48 0.00	39.70 -1.61 0.00	34.99 -1.23 0.00	28.96 -1.08 0.00	24.45 -0.76 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.09 -1.37 0.00	20.22 -1.50 0.00	18.20 -1.22 0.00	17.77 -1.15 0.00	19.30 -1.45 0.00	19.96 -1.50 0.00	21.29 -1.63 0.00	20.88 -1.17 0.00	19.97 -1.10 0.00	18.19 -1.12 0.00	18.57 -1.19 0.00	17.98 -1.07 0.00	18.00 -1.15 0.00	17.08 -1.11 0.00	17.76 -1.13 0.00	18.81 -1.18 0.00	20.40 -1.35 0.00	24.50 -1.59 0.00	30.93 -1.90 0.00	37.04 -2.03 0.00	39.16 -2.15 0.00	34.52 -1.70 0.00	28.57 -1.47 0.00	24.22 -0.98 0.00
STA_56___34_KV_BUS2 355983	23.09 -1.37 0.00	20.22 -1.50 0.00	18.20 -1.22 0.00	17.77 -1.15 0.00	19.30 -1.45 0.00	19.96 -1.50 0.00	21.29 -1.63 0.00	20.88 -1.17 0.00	19.97 -1.10 0.00	18.19 -1.12 0.00	18.57 -1.19 0.00	17.98 -1.07 0.00	18.00 -1.15 0.00	17.08 -1.11 0.00	17.76 -1.13 0.00	18.81 -1.18 0.00	20.40 -1.35 0.00	24.50 -1.59 0.00	30.93 -1.90 0.00	37.04 -2.03 0.00	39.16 -2.15 0.00	34.52 -1.70 0.00	28.57 -1.47 0.00	24.22 -0.98 0.00
STA_67___115KV_BK2 355882	23.11 -1.35 0.00	20.24 -1.48 0.00	18.24 -1.18 0.00	17.81 -1.12 0.00	19.35 -1.41 0.00	19.98 -1.48 0.00	21.32 -1.60 0.00	20.93 -1.12 0.00	20.00 -1.07 0.00	18.21 -1.10 0.00	18.57 -1.19 0.00	18.00 -1.05 0.00	18.00 -1.15 0.00	17.08 -1.11 0.00	17.76 -1.13 0.00	18.81 -1.18 0.00	20.40 -1.35 0.00	24.50 -1.59 0.00	30.96 -1.87 0.00	37.08 -1.99 0.00	39.21 -2.11 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.30 -0.91 0.00
STA_7___115KV_9TRANS 80674	23.26 -1.20 0.00	20.35 -1.37 0.00	18.33 -1.09 0.00	17.88 -1.04 0.00	19.45 -1.31 0.00	20.09 -1.37 0.00	21.43 -1.49 0.00	21.06 -0.99 0.00	20.12 -0.95 0.00	18.33 -0.98 0.00	18.69 -1.07 0.00	18.13 -0.91 0.00	18.13 -1.01 0.00	17.20 -0.98 0.00	17.89 -1.00 0.00	18.95 -1.04 0.00	20.57 -1.17 0.00	24.68 -1.41 0.00	31.19 -1.64 0.00	37.39 -1.68 0.00	39.50 -1.82 0.00	34.85 -1.38 0.00	28.84 -1.20 0.00	24.45 -0.76 0.00
STA_82___115KV_TB1 80780	23.11 -1.35 0.00	20.26 -1.45 0.00	18.24 -1.18 0.00	17.81 -1.12 0.00	19.35 -1.41 0.00	19.98 -1.48 0.00	21.32 -1.60 0.00	20.93 -1.12 0.00	20.00 -1.07 0.00	18.21 -1.10 0.00	18.57 -1.19 0.00	18.00 -1.05 0.00	18.00 -1.15 0.00	17.09 -1.09 0.00	17.76 -1.13 0.00	18.81 -1.18 0.00	20.42 -1.33 0.00	24.50 -1.59 0.00	30.96 -1.87 0.00	37.08 -1.99 0.00	39.21 -2.11 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.30 -0.91 0.00
STEEL___WIND 323596	22.67 -1.78 0.00	19.80 -1.91 0.00	17.91 -1.51 0.00	17.54 -1.38 0.00	18.93 -1.83 0.00	19.51 -1.95 0.00	20.68 -2.25 0.00	20.37 -1.68 0.00	19.55 -1.52 0.00	17.78 -1.53 0.00	18.08 -1.68 0.00	17.54 -1.50 0.00	17.42 -1.72 0.00	16.51 -1.67 0.00	17.21 -1.68 0.00	18.19 -1.80 0.00	19.66 -2.09 0.00	23.56 -2.53 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.17 -3.14 0.00	33.54 -2.68 0.00	27.97 -2.07 0.00	24.07 -1.13 0.00
STEPHTWN_115KV_BK_2 55603	24.80 0.34 0.00	22.08 0.37 0.00	19.75 0.33 0.00	19.26 0.34 0.00	21.05 0.29 0.00	21.78 0.32 0.00	23.27 0.34 0.00	22.27 0.22 0.00	21.24 0.17 0.00	19.48 0.17 0.00	19.98 0.22 0.00	19.25 0.21 0.00	19.38 0.23 0.00	18.40 0.22 0.00	19.12 0.23 0.00	20.27 0.28 0.00	22.05 0.30 0.00	26.43 0.34 0.00	33.22 0.39 0.00	39.42 0.35 0.00	41.60 0.29 0.00	36.48 0.25 0.00	30.34 0.30 0.00	25.41 0.20 0.00
STEUBEN_REC_LFGE 323667	23.26 -1.20 0.00	20.41 -1.30 0.00	18.45 -0.97 0.00	18.03 -0.89 0.00	19.53 -1.22 0.00	20.24 -1.22 0.00	21.55 -1.38 0.00	21.12 -0.93 0.00	20.16 -0.91 0.00	18.34 -0.97 0.00	18.63 -1.13 0.00	18.00 -1.05 0.00	17.96 -1.19 0.00	17.02 -1.16 0.00	17.76 -1.13 0.00	18.77 -1.22 0.00	20.31 -1.44 0.00	24.47 -1.62 0.00	31.22 -1.61 0.00	37.63 -1.45 0.00	39.95 -1.36 0.00	35.21 -1.01 0.00	29.14 -0.90 0.00	24.78 -0.43 0.00
STILLWATER___SOLAR 323814	25.19 0.73 0.00	22.41 0.69 0.00	20.06 0.64 0.00	19.57 0.64 0.00	21.38 0.62 0.00	22.15 0.69 0.00	23.59 0.67 0.00	22.58 0.53 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.15 0.40 0.00	19.40 0.36 0.00	19.53 0.38 0.00	18.55 0.36 0.00	19.27 0.38 0.00	20.45 0.46 0.00	22.29 0.54 0.00	26.77 0.68 0.00	33.78 0.95 0.00	40.21 1.13 0.00	42.47 1.16 0.00	37.20 0.98 0.00	30.88 0.84 0.00	25.83 0.63 0.00
STONY___BROOK 24151	26.23 1.76 -0.01	25.48 1.74 -2.03	21.70 1.59 -0.69	21.23 1.59 -0.71	22.98 1.60 -0.62	23.51 1.57 -0.48	24.92 1.58 -0.42	23.90 1.39 -0.46	22.96 1.39 -0.50	21.34 1.33 -0.70	21.84 1.34 -0.74	21.10 1.28 -0.78	21.26 1.34 -0.77	21.93 1.33 -2.42	22.69 1.38 -2.43	24.64 1.60 -3.04	26.04 1.61 -2.68	30.59 1.90 -2.60	38.23 2.37 -3.03	44.66 2.93 -2.65	47.50 3.14 -3.05	41.85 2.72 -2.91	34.25 2.16 -2.05	29.41 1.79 -2.41
STURGEON_POOL_HYD 23609	25.61 1.15 0.00	22.89 1.17 0.00	20.43 1.01 0.00	19.95 1.02 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	22.98 0.93 0.00	22.04 0.97 0.00	20.22 0.91 0.00	20.71 0.95 0.00	19.94 0.90 0.00	20.09 0.94 0.00	19.11 0.93 0.00	19.87 0.98 0.00	21.03 1.04 0.00	22.79 1.04 0.00	27.29 1.20 0.00	34.21 1.38 0.00	40.64 1.56 0.00	43.13 1.82 0.00	37.71 1.49 0.00	31.18 1.14 0.00	26.19 0.98 0.00

ST_LAW_115_BK7_LBMP 345037	24.48 0.02 0.00	21.65 -0.06 0.00	19.33 -0.10 0.00	18.79 -0.13 0.00	20.78 0.02 0.00	21.48 0.02 0.00	22.95 0.02 0.00	22.07 0.02 0.00	21.09 0.02 0.00	19.33 0.02 0.00	19.74 -0.02 0.00	18.99 -0.06 0.00	19.09 -0.06 0.00	18.11 -0.07 0.00	18.81 -0.08 0.00	19.81 -0.18 0.00	21.68 -0.07 0.00	26.06 -0.03 0.00	32.90 0.07 0.00	39.23 0.16 0.00	41.48 0.17 0.00	36.37 0.15 0.00	30.16 0.12 0.00	25.28 0.08 0.00
ST_LAW_115_BK8_LBMP 345038	24.48 0.02 0.00	21.65 -0.06 0.00	19.33 -0.10 0.00	18.79 -0.13 0.00	20.78 0.02 0.00	21.48 0.02 0.00	22.95 0.02 0.00	22.07 0.02 0.00	21.09 0.02 0.00	19.33 0.02 0.00	19.74 -0.02 0.00	18.99 -0.06 0.00	19.09 -0.06 0.00	18.11 -0.07 0.00	18.81 -0.08 0.00	19.81 -0.18 0.00	21.68 -0.07 0.00	26.06 -0.03 0.00	32.90 0.07 0.00	39.23 0.16 0.00	41.48 0.17 0.00	36.37 0.15 0.00	30.16 0.12 0.00	25.28 0.08 0.00
ST_LAW_230_BK5_LBMP 345035	24.46 0.00 0.00	21.65 -0.06 0.00	19.33 -0.10 0.00	18.81 -0.11 0.00	20.78 0.02 0.00	21.46 0.00 0.00	22.92 0.00 0.00	22.07 0.02 0.00	21.09 0.02 0.00	19.31 0.00 0.00	19.74 -0.02 0.00	18.99 -0.06 0.00	19.09 -0.06 0.00	18.11 -0.07 0.00	18.81 -0.08 0.00	19.83 -0.16 0.00	21.71 -0.04 0.00	26.06 -0.03 0.00	32.90 0.07 0.00	39.19 0.12 0.00	41.48 0.17 0.00	36.33 0.11 0.00	30.16 0.12 0.00	25.26 0.05 0.00
ST_LAW_230_BK6_LBMP 345036	24.46 0.00 0.00	21.65 -0.06 0.00	19.33 -0.10 0.00	18.81 -0.11 0.00	20.78 0.02 0.00	21.46 0.00 0.00	22.92 0.00 0.00	22.07 0.02 0.00	21.09 0.02 0.00	19.31 0.00 0.00	19.74 -0.02 0.00	18.99 -0.06 0.00	19.09 -0.06 0.00	18.11 -0.07 0.00	18.81 -0.08 0.00	19.83 -0.16 0.00	21.71 -0.04 0.00	26.06 -0.03 0.00	32.90 0.07 0.00	39.19 0.12 0.00	41.48 0.17 0.00	36.33 0.11 0.00	30.16 0.12 0.00	25.26 0.05 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.29 0.83 0.00	22.58 0.87 0.00	20.18 0.76 0.00	19.70 0.78 0.00	21.48 0.73 0.00	22.19 0.73 0.00	23.68 0.76 0.00	22.69 0.64 0.00	21.77 0.70 0.00	19.99 0.68 0.00	20.47 0.71 0.00	19.73 0.69 0.00	19.88 0.73 0.00	18.91 0.73 0.00	19.64 0.76 0.00	20.81 0.82 0.00	22.55 0.80 0.00	26.98 0.89 0.00	33.82 0.98 0.00	40.17 1.09 0.00	42.55 1.24 0.00	37.24 1.01 0.00	30.82 0.78 0.00	25.86 0.66 0.00
SWANROAD_115KV_TB1 355699	22.01 -2.45 0.00	19.20 -2.52 0.00	17.40 -2.02 0.00	16.99 -1.93 0.00	18.33 -2.43 0.00	18.95 -2.51 0.00	20.06 -2.87 0.00	19.93 -2.12 0.00	18.98 -2.09 0.00	17.24 -2.07 0.00	17.53 -2.23 0.00	17.02 -2.02 0.00	16.93 -2.22 0.00	16.06 -2.13 0.00	16.72 -2.17 0.00	17.67 -2.32 0.00	19.12 -2.63 0.00	22.88 -3.21 0.00	29.09 -3.74 0.00	34.93 -4.14 0.00	36.93 -4.38 0.00	32.49 -3.73 0.00	27.13 -2.91 0.00	23.36 -1.84 0.00
SYNERGY___BIOGAS 323694	23.11 -1.35 0.00	20.11 -1.61 0.00	18.16 -1.26 0.00	17.75 -1.17 0.00	19.22 -1.54 0.00	19.83 -1.63 0.00	21.11 -1.81 0.00	20.88 -1.17 0.00	19.91 -1.16 0.00	18.05 -1.26 0.00	18.36 -1.40 0.00	17.81 -1.24 0.00	17.73 -1.42 0.00	16.80 -1.38 0.00	17.49 -1.40 0.00	18.53 -1.46 0.00	20.12 -1.63 0.00	24.18 -1.90 0.00	30.73 -2.10 0.00	37.08 -1.99 0.00	39.21 -2.11 0.00	34.63 -1.59 0.00	28.66 -1.38 0.00	24.47 -0.73 0.00
SYRACUSE___ENERGY_ST1 323597	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.14 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
SYRACUSE___ENERGY_ST2 323598	23.75 -0.71 0.00	21.02 -0.69 0.00	18.86 -0.56 0.00	18.41 -0.51 0.00	20.07 -0.69 0.00	20.77 -0.69 0.00	22.19 -0.73 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	32.01 -0.82 0.00	38.14 -0.94 0.00	40.36 -0.95 0.00	35.46 -0.76 0.00	29.38 -0.66 0.00	24.65 -0.55 0.00
SYRACUSE___POWER 24017	23.85 -0.61 0.00	21.11 -0.61 0.00	18.94 -0.49 0.00	18.47 -0.45 0.00	20.14 -0.62 0.00	20.84 -0.62 0.00	22.28 -0.64 0.00	21.56 -0.49 0.00	20.63 -0.44 0.00	18.89 -0.42 0.00	19.30 -0.45 0.00	18.62 -0.42 0.00	18.71 -0.44 0.00	17.75 -0.44 0.00	18.44 -0.45 0.00	19.53 -0.46 0.00	21.21 -0.54 0.00	25.51 -0.57 0.00	32.08 -0.76 0.00	38.21 -0.86 0.00	40.45 -0.87 0.00	35.54 -0.69 0.00	29.44 -0.60 0.00	24.73 -0.48 0.00
TALLMAN__138KV_BK151 55660	25.41 0.95 0.00	22.71 1.00 0.00	20.32 0.89 0.00	19.81 0.89 0.00	21.61 0.85 0.00	22.32 0.86 0.00	23.82 0.89 0.00	22.82 0.77 0.00	21.91 0.84 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.88 0.84 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.81 0.93 0.00	20.97 0.98 0.00	22.73 0.98 0.00	27.13 1.04 0.00	33.98 1.15 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.42 1.20 0.00	30.94 0.90 0.00	25.96 0.76 0.00
TEALLAVE_115KV_TB7 355573	23.77 -0.68 0.00	21.04 -0.67 0.00	18.88 -0.54 0.00	18.43 -0.49 0.00	20.09 -0.66 0.00	20.80 -0.67 0.00	22.21 -0.71 0.00	21.50 -0.55 0.00	20.56 -0.51 0.00	18.83 -0.48 0.00	19.26 -0.49 0.00	18.57 -0.48 0.00	18.65 -0.50 0.00	17.71 -0.47 0.00	18.40 -0.49 0.00	19.49 -0.50 0.00	21.16 -0.59 0.00	25.44 -0.65 0.00	31.98 -0.85 0.00	38.06 -1.02 0.00	40.28 -1.03 0.00	35.43 -0.80 0.00	29.38 -0.66 0.00	24.68 -0.53 0.00
TELGRAPH_34_KV_EAST 80808	22.60 -1.86 0.00	19.70 -2.02 0.00	17.81 -1.61 0.00	17.41 -1.51 0.00	18.81 -1.95 0.00	19.42 -2.04 0.00	20.61 -2.32 0.00	20.44 -1.61 0.00	19.49 -1.58 0.00	17.69 -1.62 0.00	18.00 -1.76 0.00	17.46 -1.58 0.00	17.39 -1.76 0.00	16.48 -1.71 0.00	17.15 -1.74 0.00	18.15 -1.84 0.00	19.66 -2.09 0.00	23.58 -2.50 0.00	29.94 -2.89 0.00	36.03 -3.05 0.00	38.09 -3.22 0.00	33.58 -2.64 0.00	27.91 -2.13 0.00	23.94 -1.26 0.00
TEMPLE___115KV_TB 2 55572	23.80 -0.66 0.00	21.06 -0.65 0.00	18.90 -0.52 0.00	18.43 -0.49 0.00	20.09 -0.66 0.00	20.80 -0.67 0.00	22.21 -0.71 0.00	21.52 -0.53 0.00	20.59 -0.48 0.00	18.85 -0.46 0.00	19.26 -0.49 0.00	18.59 -0.46 0.00	18.67 -0.48 0.00	17.73 -0.45 0.00	18.42 -0.47 0.00	19.51 -0.48 0.00	21.16 -0.59 0.00	25.46 -0.63 0.00	32.01 -0.82 0.00	38.06 -1.02 0.00	40.32 -0.99 0.00	35.43 -0.80 0.00	29.38 -0.66 0.00	24.68 -0.53 0.00
TIANA____69_KV_BK 1 55817	26.35 1.88 -0.01	25.43 1.80 -1.91	21.74 1.67 -0.65	21.24 1.65 -0.67	23.00 1.66 -0.58	23.57 1.65 -0.45	24.99 1.67 -0.39	23.96 1.48 -0.43	23.03 1.50 -0.47	21.39 1.43 -0.65	21.86 1.40 -0.70	21.11 1.33 -0.73	21.29 1.42 -0.73	21.85 1.38 -2.28	22.61 1.44 -2.29	24.51 1.66 -2.86	25.99 1.72 -2.52	30.57 2.06 -2.42	38.28 2.59 -2.85	44.78 3.20 -2.50	47.70 3.51 -2.87	42.01 3.04 -2.74	34.38 2.43 -1.91	29.46 1.99 -2.26

TILDEN___115KV_TB1 80814	23.85 -0.61 0.00	21.11 -0.61 0.00	18.94 -0.49 0.00	18.47 -0.45 0.00	20.14 -0.62 0.00	20.84 -0.62 0.00	22.28 -0.64 0.00	21.56 -0.49 0.00	20.63 -0.44 0.00	18.89 -0.42 0.00	19.30 -0.45 0.00	18.62 -0.42 0.00	18.71 -0.44 0.00	17.75 -0.44 0.00	18.44 -0.45 0.00	19.53 -0.46 0.00	21.21 -0.54 0.00	25.51 -0.57 0.00	32.08 -0.76 0.00	38.21 -0.86 0.00	40.45 -0.87 0.00	35.54 -0.69 0.00	29.44 -0.60 0.00	24.73 -0.48 0.00
TRIGEN___CC 323695	25.87 1.39 -0.02	39.34 1.45 -16.17	26.13 1.34 -5.37	25.84 1.36 -5.56	26.96 1.35 -4.85	26.46 1.35 -3.64	27.52 1.42 -3.17	26.83 1.32 -3.46	26.20 1.37 -3.76	26.05 1.31 -5.43	26.88 1.34 -5.78	26.40 1.28 -6.08	26.49 1.32 -6.02	38.74 1.29 -19.27	39.53 1.32 -19.32	46.58 1.38 -25.21	44.64 1.37 -21.52	50.92 1.49 -23.35	58.58 1.77 -23.98	62.11 2.03 -21.00	67.56 2.11 -24.14	61.05 1.77 -23.05	50.25 1.41 -18.80	46.63 1.21 -20.21
TRINITY___115KV___4 BK 55933	24.61 0.15 0.00	21.91 0.20 0.00	19.60 0.17 0.00	19.13 0.21 0.00	20.92 0.17 0.00	21.63 0.17 0.00	23.11 0.18 0.00	22.12 0.07 0.00	21.07 0.00 0.00	19.35 0.04 0.00	19.84 0.08 0.00	19.12 0.08 0.00	19.24 0.10 0.00	18.29 0.11 0.00	19.00 0.11 0.00	20.13 0.14 0.00	21.90 0.15 0.00	26.25 0.16 0.00	32.96 0.13 0.00	39.07 0.00 0.00	41.23 -0.08 0.00	36.11 -0.11 0.00	30.04 0.00 0.00	25.18 -0.03 0.00
UNION___PROCESSING_DRP 323587	23.14 -1.32 0.00	20.26 -1.45 0.00	18.24 -1.18 0.00	17.81 -1.12 0.00	19.35 -1.41 0.00	20.00 -1.46 0.00	21.32 -1.60 0.00	20.93 -1.12 0.00	20.00 -1.07 0.00	18.21 -1.10 0.00	18.59 -1.17 0.00	18.00 -1.05 0.00	18.02 -1.13 0.00	17.09 -1.09 0.00	17.76 -1.13 0.00	18.81 -1.18 0.00	20.42 -1.33 0.00	24.50 -1.59 0.00	30.96 -1.87 0.00	37.12 -1.95 0.00	39.21 -2.11 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.30 -0.91 0.00
UPPER HUDSON___HYD 24058	25.26 0.81 0.00	22.45 0.74 0.00	20.12 0.70 0.00	19.62 0.70 0.00	21.44 0.68 0.00	22.26 0.79 0.00	23.59 0.67 0.00	22.58 0.53 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.11 0.36 0.00	19.39 0.34 0.00	19.49 0.35 0.00	18.51 0.33 0.00	19.23 0.34 0.00	20.43 0.44 0.00	22.29 0.54 0.00	26.79 0.70 0.00	33.81 0.98 0.00	40.24 1.17 0.00	42.63 1.32 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.86 0.65 0.00
UPPER RAQUET___HYD 24056	24.29 -0.17 0.00	21.37 -0.35 0.00	19.09 -0.33 0.00	18.55 -0.38 0.00	20.63 -0.12 0.00	21.33 -0.13 0.00	22.79 -0.14 0.00	21.94 -0.11 0.00	20.94 -0.13 0.00	19.15 -0.16 0.00	19.52 -0.24 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.84 -0.35 0.00	18.51 -0.38 0.00	19.39 -0.60 0.00	21.40 -0.35 0.00	25.78 -0.31 0.00	32.67 -0.16 0.00	39.07 0.00 0.00	41.40 0.08 0.00	36.26 0.04 0.00	30.07 0.03 0.00	25.15 -0.05 0.00
VALLEY44_115KV_TB2 355964	23.02 -1.44 0.00	20.17 -1.54 0.00	18.28 -1.15 0.00	17.86 -1.06 0.00	19.28 -1.47 0.00	19.94 -1.52 0.00	21.13 -1.79 0.00	20.79 -1.26 0.00	19.87 -1.20 0.00	18.11 -1.20 0.00	18.40 -1.36 0.00	17.82 -1.22 0.00	17.73 -1.42 0.00	16.80 -1.38 0.00	17.51 -1.38 0.00	18.49 -1.50 0.00	19.99 -1.76 0.00	23.90 -2.19 0.00	30.34 -2.50 0.00	36.49 -2.58 0.00	38.71 -2.60 0.00	34.01 -2.21 0.00	28.27 -1.77 0.00	24.27 -0.93 0.00
VALLEY___115KV_TB 1-4 80826	24.48 0.02 0.00	21.74 0.02 0.00	19.46 0.04 0.00	18.96 0.04 0.00	20.80 0.04 0.00	21.53 0.06 0.00	22.99 0.07 0.00	22.12 0.07 0.00	21.13 0.06 0.00	19.35 0.04 0.00	19.82 0.06 0.00	19.10 0.06 0.00	19.19 0.04 0.00	18.20 0.02 0.00	18.89 0.00 0.00	20.03 0.04 0.00	21.77 0.02 0.00	26.11 0.03 0.00	32.90 0.07 0.00	39.19 0.12 0.00	41.48 0.17 0.00	36.37 0.14 0.00	30.19 0.15 0.00	25.36 0.15 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.17 0.71 0.00	22.34 0.63 0.00	20.04 0.62 0.00	19.53 0.61 0.00	21.36 0.60 0.00	22.15 0.69 0.00	23.61 0.69 0.00	22.73 0.68 0.00	21.77 0.70 0.00	19.93 0.62 0.00	20.41 0.65 0.00	19.63 0.59 0.00	19.76 0.61 0.00	18.73 0.55 0.00	19.44 0.55 0.00	20.61 0.62 0.00	22.40 0.65 0.00	26.85 0.76 0.00	33.82 0.98 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.35 1.12 0.00	31.00 0.96 0.00	26.01 0.81 0.00
VISCHER___FERRY HYD 24020	24.95 0.49 0.00	22.19 0.48 0.00	19.87 0.45 0.00	19.38 0.45 0.00	21.17 0.41 0.00	21.91 0.45 0.00	23.40 0.48 0.00	22.42 0.37 0.00	21.32 0.25 0.00	19.56 0.25 0.00	20.07 0.32 0.00	19.35 0.30 0.00	19.47 0.33 0.00	18.51 0.33 0.00	19.21 0.32 0.00	20.37 0.38 0.00	22.16 0.41 0.00	26.61 0.52 0.00	33.49 0.66 0.00	39.81 0.74 0.00	41.93 0.62 0.00	36.77 0.54 0.00	30.52 0.48 0.00	25.53 0.33 0.00
V_A_10_SYNC_DSASP 323832	22.55 -1.91 0.00	19.72 -2.00 0.00	17.79 -1.63 0.00	17.41 -1.51 0.00	18.85 -1.91 0.00	19.44 -2.02 0.00	20.68 -2.25 0.00	20.31 -1.74 0.00	19.49 -1.58 0.00	17.73 -1.58 0.00	18.06 -1.70 0.00	17.52 -1.52 0.00	17.48 -1.67 0.00	16.57 -1.62 0.00	17.25 -1.64 0.00	18.25 -1.74 0.00	19.75 -2.00 0.00	23.66 -2.43 0.00	29.97 -2.86 0.00	35.91 -3.16 0.00	37.97 -3.34 0.00	33.40 -2.83 0.00	27.82 -2.22 0.00	23.82 -1.39 0.00
V_CMM_10_SYNC_DSASP 323787	24.61 0.15 0.00	21.76 0.04 0.00	19.44 0.02 0.00	18.91 -0.02 0.00	20.90 0.15 0.00	21.59 0.13 0.00	23.04 0.12 0.00	22.18 0.13 0.00	21.20 0.13 0.00	19.43 0.12 0.00	19.82 0.06 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.19 0.00 0.00	18.89 0.00 0.00	19.91 -0.08 0.00	21.79 0.04 0.00	26.19 0.10 0.00	33.06 0.23 0.00	39.42 0.35 0.00	41.68 0.37 0.00	36.55 0.33 0.00	30.31 0.27 0.00	25.41 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	24.95 0.49 0.00	22.08 0.37 0.00	19.69 0.27 0.00	19.15 0.23 0.00	21.17 0.41 0.00	21.87 0.41 0.00	23.38 0.46 0.00	22.53 0.48 0.00	21.56 0.49 0.00	19.73 0.42 0.00	20.11 0.36 0.00	19.33 0.29 0.00	19.42 0.27 0.00	18.42 0.24 0.00	19.15 0.26 0.00	20.19 0.20 0.00	22.12 0.37 0.00	26.61 0.52 0.00	33.65 0.82 0.00	40.17 1.09 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.85 0.81 0.00	25.83 0.63 0.00
V_D_10_SYNC_DSASP 323841	24.75 0.29 0.00	21.82 0.11 0.00	19.50 0.08 0.00	18.94 0.02 0.00	21.03 0.27 0.00	21.72 0.26 0.00	23.20 0.28 0.00	22.34 0.29 0.00	21.34 0.27 0.00	19.54 0.23 0.00	19.94 0.18 0.00	19.18 0.13 0.00	19.26 0.12 0.00	18.28 0.09 0.00	18.98 0.09 0.00	19.91 -0.08 0.00	21.90 0.15 0.00	26.32 0.23 0.00	33.26 0.43 0.00	39.70 0.62 0.00	42.01 0.70 0.00	36.84 0.62 0.00	30.55 0.51 0.00	25.58 0.38 0.00
V_E_10_SYNC_DSASP 323830	25.31 0.86 0.00	22.37 0.65 0.00	20.14 0.72 0.00	19.60 0.68 0.00	21.38 0.62 0.00	22.26 0.79 0.00	23.72 0.80 0.00	22.93 0.88 0.00	21.93 0.86 0.00	19.95 0.64 0.00	20.35 0.59 0.00	19.54 0.49 0.00	19.63 0.48 0.00	18.53 0.34 0.00	19.19 0.30 0.00	20.41 0.42 0.00	22.31 0.56 0.00	26.98 0.89 0.00	34.31 1.48 0.00	41.14 2.07 0.00	43.75 2.44 0.00	38.14 1.92 0.00	31.63 1.59 0.00	26.56 1.36 0.00



V_F_30_NSYNC___DSASP 323816	25.22 0.76 0.00	22.43 0.72 0.00	20.08 0.66 0.00	19.59 0.66 0.00	21.40 0.64 0.00	22.17 0.71 0.00	23.61 0.69 0.00	22.60 0.55 0.00	21.51 0.44 0.00	19.70 0.39 0.00	20.17 0.42 0.00	19.44 0.40 0.00	19.57 0.42 0.00	18.58 0.40 0.00	19.30 0.42 0.00	20.49 0.50 0.00	22.34 0.59 0.00	26.82 0.73 0.00	33.81 0.98 0.00	40.24 1.17 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.91 0.87 0.00	25.86 0.65 0.00
V_F_30_SYNC_DSASP 323786	24.65 0.20 0.00	21.98 0.26 0.00	19.66 0.23 0.00	19.17 0.25 0.00	20.97 0.21 0.00	21.68 0.21 0.00	23.15 0.23 0.00	22.16 0.11 0.00	21.13 0.06 0.00	19.39 0.08 0.00	19.88 0.12 0.00	19.16 0.11 0.00	19.28 0.13 0.00	18.33 0.15 0.00	19.04 0.15 0.00	20.19 0.20 0.00	21.94 0.20 0.00	26.30 0.21 0.00	33.03 0.20 0.00	39.15 0.08 0.00	41.35 0.04 0.00	36.22 0.00 0.00	30.13 0.09 0.00	25.26 0.05 0.00
V_XM_10_SYNC_DSASP 323789	24.95 0.49 0.00	22.08 0.37 0.00	19.69 0.27 0.00	19.15 0.23 0.00	21.17 0.41 0.00	21.87 0.41 0.00	23.38 0.46 0.00	22.53 0.48 0.00	21.56 0.49 0.00	19.73 0.42 0.00	20.11 0.36 0.00	19.33 0.29 0.00	19.42 0.27 0.00	18.42 0.24 0.00	19.15 0.26 0.00	20.19 0.20 0.00	22.12 0.37 0.00	26.61 0.52 0.00	33.65 0.82 0.00	40.17 1.09 0.00	42.51 1.20 0.00	37.24 1.01 0.00	30.85 0.81 0.00	25.83 0.63 0.00
W.BABYLN_69_KV_BK1 56697	26.38 1.91 -0.01	28.58 1.87 -5.00	22.86 1.69 -1.75	22.40 1.67 -1.81	24.02 1.68 -1.58	24.40 1.70 -1.25	25.77 1.77 -1.09	24.82 1.59 -1.18	23.98 1.62 -1.29	22.62 1.54 -1.77	23.22 1.58 -1.88	22.51 1.49 -1.98	22.66 1.55 -1.96	25.67 1.53 -5.96	26.45 1.59 -5.97	29.43 1.74 -7.70	30.17 1.78 -6.64	35.12 2.06 -6.97	42.82 2.56 -7.43	48.63 3.05 -6.50	52.05 3.26 -7.47	46.15 2.79 -7.14	37.84 2.22 -5.58	33.20 1.84 -6.15
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.49 1.03 0.00	22.78 1.06 0.00	20.35 0.93 0.00	19.87 0.95 0.00	21.67 0.91 0.00	22.36 0.90 0.00	23.86 0.94 0.00	22.89 0.84 0.00	21.96 0.88 0.00	20.18 0.87 0.00	20.67 0.91 0.00	19.92 0.88 0.00	20.09 0.94 0.00	19.11 0.93 0.00	19.85 0.96 0.00	21.01 1.02 0.00	22.77 1.02 0.00	27.21 1.12 0.00	34.08 1.25 0.00	40.48 1.41 0.00	42.88 1.57 0.00	37.53 1.30 0.00	31.06 1.02 0.00	26.04 0.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.63 1.17 0.00	22.93 1.22 0.00	20.51 1.09 0.00	20.02 1.10 0.00	21.80 1.04 0.00	22.51 1.05 0.00	24.02 1.10 0.00	23.06 1.01 0.00	22.17 1.10 0.00	20.41 1.10 0.00	20.90 1.15 0.00	20.13 1.09 0.00	20.30 1.15 0.00	19.33 1.15 0.00	20.08 1.19 0.00	21.23 1.24 0.00	22.99 1.24 0.00	27.45 1.36 0.00	34.37 1.54 0.00	40.75 1.68 0.00	43.13 1.82 0.00	37.74 1.52 0.00	31.24 1.20 0.00	26.19 0.98 0.00
W50THST__13_KV_LOAD 356117	25.73 1.27 0.00	23.02 1.30 0.00	20.59 1.17 0.00	20.10 1.17 0.00	21.88 1.12 0.00	22.60 1.14 0.00	24.14 1.21 0.00	23.17 1.12 0.00	22.27 1.20 0.00	20.49 1.18 0.00	20.98 1.23 0.00	20.22 1.18 0.00	20.39 1.24 0.00	19.40 1.22 0.00	20.15 1.27 0.00	21.33 1.34 0.00	23.10 1.35 0.00	27.55 1.46 0.00	34.51 1.67 0.00	40.95 1.88 0.00	43.30 1.98 0.00	37.93 1.70 0.00	31.36 1.32 0.00	26.29 1.08 0.00
WADING RIVER_IC_1 23522	26.28 1.81 -0.01	25.37 1.76 -1.90	21.68 1.61 -0.64	21.20 1.61 -0.66	22.96 1.62 -0.58	23.50 1.59 -0.45	24.94 1.63 -0.39	23.93 1.45 -0.43	22.97 1.43 -0.46	21.33 1.37 -0.65	21.83 1.38 -0.69	21.07 1.30 -0.73	21.25 1.38 -0.72	21.80 1.35 -2.27	22.56 1.40 -2.27	24.45 1.62 -2.84	25.91 1.65 -2.51	30.45 1.96 -2.41	38.10 2.43 -2.84	44.57 3.01 -2.49	47.43 3.26 -2.86	41.78 2.83 -2.73	34.19 2.25 -1.89	29.32 1.87 -2.25
WADING RIVER_IC_2 23547	26.28 1.81 -0.01	25.37 1.76 -1.90	21.68 1.61 -0.64	21.20 1.61 -0.66	22.96 1.62 -0.58	23.50 1.59 -0.45	24.94 1.63 -0.39	23.93 1.45 -0.43	22.97 1.43 -0.46	21.33 1.37 -0.65	21.83 1.38 -0.69	21.07 1.30 -0.73	21.25 1.38 -0.72	21.80 1.35 -2.27	22.56 1.40 -2.27	24.45 1.62 -2.84	25.91 1.65 -2.51	30.45 1.96 -2.41	38.10 2.43 -2.84	44.57 3.01 -2.49	47.43 3.26 -2.86	41.78 2.83 -2.73	34.19 2.25 -1.89	29.32 1.87 -2.25
WADING RIVER_IC_3 23601	26.28 1.81 -0.01	25.37 1.76 -1.90	21.68 1.61 -0.64	21.20 1.61 -0.66	22.96 1.62 -0.58	23.50 1.59 -0.45	24.94 1.63 -0.39	23.93 1.45 -0.43	22.97 1.43 -0.46	21.33 1.37 -0.65	21.83 1.38 -0.69	21.07 1.30 -0.73	21.25 1.38 -0.72	21.80 1.35 -2.27	22.56 1.40 -2.27	24.45 1.62 -2.84	25.91 1.65 -2.51	30.45 1.96 -2.41	38.10 2.43 -2.84	44.57 3.01 -2.49	47.43 3.26 -2.86	41.78 2.83 -2.73	34.19 2.25 -1.89	29.32 1.87 -2.25
WALDENNY_12_KV_BK2 80841	22.65 -1.81 0.00	19.78 -1.93 0.00	17.93 -1.50 0.00	17.52 -1.40 0.00	18.89 -1.87 0.00	19.51 -1.95 0.00	20.65 -2.27 0.00	20.48 -1.57 0.00	19.53 -1.54 0.00	17.77 -1.54 0.00	18.04 -1.72 0.00	17.52 -1.52 0.00	17.41 -1.74 0.00	16.49 -1.69 0.00	17.19 -1.70 0.00	18.15 -1.84 0.00	19.64 -2.11 0.00	23.53 -2.56 0.00	29.91 -2.92 0.00	35.99 -3.09 0.00	38.13 -3.18 0.00	33.51 -2.72 0.00	27.94 -2.10 0.00	24.05 -1.16 0.00
WALDEN__HYDRO 24148	25.41 0.95 0.00	22.69 0.98 0.00	20.28 0.85 0.00	19.79 0.87 0.00	21.61 0.85 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.80 0.75 0.00	21.87 0.80 0.00	20.06 0.75 0.00	20.55 0.79 0.00	19.79 0.74 0.00	19.93 0.79 0.00	18.97 0.78 0.00	19.70 0.81 0.00	20.87 0.88 0.00	22.64 0.89 0.00	27.08 0.99 0.00	33.98 1.15 0.00	40.36 1.29 0.00	42.80 1.49 0.00	37.45 1.23 0.00	30.97 0.93 0.00	26.01 0.81 0.00
WARRENSBURG____ 23737	25.27 0.81 0.00	22.45 0.74 0.00	20.12 0.70 0.00	19.62 0.70 0.00	21.44 0.69 0.00	22.26 0.79 0.00	23.59 0.66 0.00	22.58 0.53 0.00	21.47 0.40 0.00	19.66 0.35 0.00	20.11 0.36 0.00	19.39 0.34 0.00	19.49 0.34 0.00	18.51 0.33 0.00	19.23 0.34 0.00	20.43 0.44 0.00	22.29 0.54 0.00	26.79 0.70 0.00	33.82 0.98 0.00	40.25 1.17 0.00	42.63 1.32 0.00	37.27 1.05 0.00	30.94 0.90 0.00	25.86 0.66 0.00
WATERSIDE____6 8 9 23538	25.58 1.13 0.00	22.91 1.19 0.00	20.49 1.07 0.00	20.06 1.14 0.00	21.78 1.02 0.00	22.45 0.99 0.00	23.98 1.05 0.00	23.04 0.99 0.00	22.17 1.10 0.00	20.43 1.12 0.00	20.94 1.19 0.00	20.19 1.14 0.00	20.35 1.21 0.00	19.39 1.20 0.00	20.14 1.25 0.00	21.21 1.22 0.00	22.97 1.22 0.00	27.37 1.28 0.00	34.18 1.35 0.00	40.56 1.48 0.00	42.68 1.36 0.00	37.49 1.27 0.00	31.00 0.96 0.00	26.04 0.83 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.48 0.02 0.00	21.74 0.02 0.00	19.46 0.04 0.00	18.96 0.04 0.00	20.78 0.02 0.00	21.50 0.04 0.00	22.97 0.05 0.00	22.09 0.04 0.00	21.11 0.04 0.00	19.35 0.04 0.00	19.80 0.04 0.00	19.08 0.04 0.00	19.19 0.04 0.00	18.20 0.02 0.00	18.89 0.00 0.00	20.01 0.02 0.00	21.77 0.02 0.00	26.11 0.03 0.00	32.90 0.07 0.00	39.15 0.08 0.00	41.44 0.12 0.00	36.33 0.11 0.00	30.13 0.09 0.00	25.31 0.10 0.00

WDELAWARE___HYD 323627	25.61 1.15 0.00	22.86 1.15 0.00	20.41 0.99 0.00	19.91 0.98 0.00	21.75 1.00 0.00	22.47 1.01 0.00	23.95 1.03 0.00	23.00 0.95 0.00	22.00 0.93 0.00	20.14 0.83 0.00	20.63 0.87 0.00	19.84 0.80 0.00	19.99 0.84 0.00	19.00 0.82 0.00	19.74 0.85 0.00	20.91 0.92 0.00	22.68 0.93 0.00	27.21 1.12 0.00	34.18 1.35 0.00	40.68 1.60 0.00	43.25 1.94 0.00	37.78 1.56 0.00	31.21 1.17 0.00	26.24 1.03 0.00
WEST BABYLON___IC 23714	26.38 1.91 -0.01	28.58 1.87 -5.00	22.86 1.69 -1.75	22.40 1.67 -1.81	24.02 1.68 -1.58	24.40 1.70 -1.25	25.77 1.77 -1.09	24.82 1.59 -1.18	23.98 1.62 -1.29	22.62 1.54 -1.77	23.22 1.58 -1.88	22.51 1.49 -1.98	22.66 1.55 -1.96	25.67 1.53 -5.96	26.45 1.59 -5.97	29.43 1.74 -7.70	30.17 1.78 -6.64	35.12 2.06 -6.97	42.82 2.56 -7.43	48.63 3.05 -6.50	52.05 3.26 -7.47	46.15 2.79 -7.14	37.84 2.22 -5.58	33.20 1.84 -6.15
WEST CANADA___HYD 24049	24.39 -0.07 0.00	21.67 -0.04 0.00	19.40 -0.02 0.00	18.91 -0.02 0.00	20.72 -0.04 0.00	21.42 -0.04 0.00	22.88 -0.05 0.00	22.01 -0.04 0.00	21.01 -0.06 0.00	19.25 -0.06 0.00	19.72 -0.04 0.00	19.01 -0.04 0.00	19.11 -0.04 0.00	18.15 -0.04 0.00	18.85 -0.04 0.00	19.95 -0.04 0.00	21.71 -0.04 0.00	26.04 -0.05 0.00	32.77 -0.07 0.00	39.00 -0.08 0.00	41.23 -0.08 0.00	36.12 -0.11 0.00	29.95 -0.09 0.00	25.13 -0.08 0.00
WESTERN_NY_WIND 24143	23.06 -1.39 0.00	20.09 -1.63 0.00	18.14 -1.28 0.00	17.73 -1.19 0.00	19.20 -1.56 0.00	19.81 -1.65 0.00	21.09 -1.83 0.00	20.86 -1.19 0.00	19.89 -1.18 0.00	18.02 -1.29 0.00	18.32 -1.44 0.00	17.77 -1.28 0.00	17.69 -1.46 0.00	16.78 -1.40 0.00	17.47 -1.42 0.00	18.51 -1.48 0.00	20.10 -1.65 0.00	24.13 -1.96 0.00	30.70 -2.13 0.00	37.00 -2.07 0.00	39.12 -2.19 0.00	34.56 -1.67 0.00	28.63 -1.41 0.00	24.45 -0.76 0.00
WESTOVER___LESR 323668	24.09 -0.37 0.00	21.32 -0.39 0.00	19.15 -0.27 0.00	18.70 -0.23 0.00	20.36 -0.39 0.00	21.08 -0.39 0.00	22.46 -0.46 0.00	21.76 -0.29 0.00	20.82 -0.25 0.00	19.04 -0.27 0.00	19.46 -0.30 0.00	18.76 -0.29 0.00	18.82 -0.33 0.00	17.86 -0.33 0.00	18.57 -0.32 0.00	19.67 -0.32 0.00	21.34 -0.41 0.00	25.62 -0.47 0.00	32.31 -0.53 0.00	38.53 -0.55 0.00	40.82 -0.50 0.00	35.82 -0.40 0.00	29.68 -0.36 0.00	25.03 -0.18 0.00
WETHRSFD_WT_PWR 323626	22.79 -1.66 0.00	19.96 -1.76 0.00	18.01 -1.42 0.00	17.64 -1.29 0.00	19.08 -1.68 0.00	19.70 -1.76 0.00	20.91 -2.02 0.00	20.46 -1.59 0.00	19.62 -1.45 0.00	17.86 -1.45 0.00	18.18 -1.58 0.00	17.58 -1.47 0.00	17.52 -1.63 0.00	16.60 -1.58 0.00	17.30 -1.59 0.00	18.27 -1.72 0.00	19.73 -2.02 0.00	23.69 -2.40 0.00	30.17 -2.66 0.00	36.38 -2.70 0.00	38.58 -2.73 0.00	33.98 -2.25 0.00	28.27 -1.77 0.00	24.17 -1.03 0.00
WHAVSTOR_138KV_BK127 55557	25.39 0.93 0.00	22.69 0.98 0.00	20.30 0.87 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.80 0.75 0.00	21.89 0.82 0.00	20.12 0.81 0.00	20.61 0.85 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.71 0.96 0.00	27.11 1.02 0.00	33.98 1.15 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.38 1.16 0.00	30.94 0.90 0.00	25.96 0.76 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.39 0.93 0.00	22.69 0.98 0.00	20.30 0.87 0.00	19.79 0.87 0.00	21.59 0.83 0.00	22.30 0.84 0.00	23.79 0.87 0.00	22.80 0.75 0.00	21.89 0.82 0.00	20.12 0.81 0.00	20.61 0.85 0.00	19.86 0.82 0.00	20.03 0.88 0.00	19.06 0.87 0.00	19.80 0.91 0.00	20.95 0.96 0.00	22.71 0.96 0.00	27.11 1.02 0.00	33.98 1.15 0.00	40.32 1.25 0.00	42.72 1.40 0.00	37.38 1.16 0.00	30.94 0.90 0.00	25.96 0.76 0.00
WHITEHAL_115KV_TB1 80871	25.71 1.25 0.00	22.84 1.13 0.00	20.45 1.03 0.00	19.95 1.02 0.00	21.78 1.02 0.00	22.64 1.18 0.00	23.98 1.05 0.00	22.93 0.88 0.00	21.77 0.70 0.00	19.87 0.56 0.00	20.33 0.57 0.00	19.56 0.51 0.00	19.68 0.54 0.00	18.68 0.49 0.00	19.42 0.53 0.00	20.67 0.68 0.00	22.60 0.85 0.00	27.21 1.12 0.00	34.47 1.64 0.00	41.10 2.03 0.00	43.63 2.31 0.00	38.11 1.88 0.00	31.60 1.56 0.00	26.39 1.18 0.00
WHITEPLN_13_KV_LOAD 356215	25.63 1.17 0.00	22.93 1.22 0.00	20.49 1.07 0.00	19.98 1.06 0.00	21.78 1.02 0.00	22.47 1.01 0.00	23.98 1.05 0.00	23.02 0.97 0.00	22.10 1.03 0.00	20.31 1.00 0.00	20.81 1.05 0.00	20.05 1.01 0.00	20.22 1.07 0.00	19.26 1.07 0.00	20.00 1.11 0.00	21.19 1.20 0.00	22.94 1.20 0.00	27.42 1.33 0.00	34.37 1.54 0.00	40.83 1.76 0.00	43.25 1.94 0.00	37.82 1.59 0.00	31.30 1.26 0.00	26.24 1.03 0.00
WM_FLOYD_69_KV_BK2 356380	26.28 1.81 -0.01	25.44 1.76 -1.96	21.72 1.63 -0.66	21.24 1.63 -0.69	22.98 1.62 -0.60	23.54 1.61 -0.47	24.93 1.60 -0.40	23.90 1.41 -0.44	22.98 1.43 -0.48	21.35 1.37 -0.67	21.84 1.36 -0.72	21.09 1.29 -0.75	21.25 1.36 -0.75	21.87 1.35 -2.34	22.63 1.40 -2.35	24.53 1.60 -2.94	25.97 1.63 -2.59	30.54 1.96 -2.50	38.19 2.43 -2.93	44.65 3.01 -2.57	47.52 3.26 -2.95	41.86 2.83 -2.82	34.26 2.25 -1.97	29.37 1.84 -2.33
WOODARD__115KV_TB2 355635	23.75 -0.71 0.00	21.02 -0.69 0.00	18.84 -0.58 0.00	18.39 -0.53 0.00	20.05 -0.71 0.00	20.75 -0.71 0.00	22.19 -0.73 0.00	21.48 -0.57 0.00	20.54 -0.53 0.00	18.81 -0.50 0.00	19.24 -0.51 0.00	18.55 -0.50 0.00	18.63 -0.52 0.00	17.69 -0.49 0.00	18.38 -0.51 0.00	19.47 -0.52 0.00	21.14 -0.61 0.00	25.41 -0.68 0.00	31.94 -0.89 0.00	38.02 -1.05 0.00	40.28 -1.03 0.00	35.39 -0.83 0.00	29.32 -0.72 0.00	24.62 -0.58 0.00
WOODMERE_69_KV_BK1 55827	26.16 1.69 -0.01	55.56 1.69 -32.15	31.29 1.55 -10.32	31.15 1.55 -10.68	31.64 1.56 -9.33	31.14 1.59 -8.09	31.64 1.67 -7.04	31.30 1.57 -7.68	31.01 1.60 -8.34	31.27 1.53 -10.43	32.42 1.56 -11.10	32.20 1.49 -11.67	32.24 1.53 -11.56	57.98 1.49 -38.31	58.83 1.53 -38.41	71.88 1.58 -50.31	66.15 1.59 -42.81	74.73 1.75 -46.89	82.61 2.13 -47.64	83.26 2.46 -41.73	91.83 2.56 -47.96	84.20 2.17 -45.80	69.60 1.74 -37.82	67.03 1.46 -40.36
YORK___WARBASSE 23770	25.74 1.27 -0.01	23.02 1.30 0.00	20.57 1.15 0.00	20.14 1.21 0.00	21.84 1.08 0.00	22.49 1.03 0.00	24.02 1.10 0.00	23.11 1.06 0.00	22.23 1.16 0.00	20.49 1.18 0.00	21.00 1.24 0.00	20.24 1.20 0.00	20.41 1.26 0.00	19.42 1.24 0.00	20.17 1.28 0.00	21.29 1.30 0.00	23.03 1.28 0.00	27.50 1.41 0.00	34.37 1.54 0.00	40.79 1.72 0.00	42.80 1.49 0.00	37.67 1.45 0.00	31.18 1.14 0.00	26.16 0.96 0.00