

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/09/2025

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	29.86	28.24	23.66	23.96	25.59	27.44	30.29	34.56	36.02	32.51	32.03	36.99	40.63	40.03	40.70	27.34	54.89	33.53	29.79	30.62	36.67	27.26	24.66	23.35
24138	1.42	1.58	1.43	1.42	1.53	1.52	1.62	2.02	2.43	2.19	2.17	2.36	2.76	2.76	3.12	2.41	2.89	2.82	2.28	2.13	2.52	1.78	1.65	1.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-22.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.95	28.31	23.71	24.01	25.64	27.50	30.35	34.59	36.04	32.51	32.02	36.95	40.57	39.97	40.66	27.31	54.83	33.51	29.80	30.66	36.74	27.30	24.70	23.39
24260	1.50	1.64	1.47	1.46	1.58	1.57	1.68	2.04	2.45	2.19	2.16	2.33	2.70	2.71	3.07	2.38	2.86	2.79	2.30	2.17	2.59	1.83	1.69	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-22.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.95	28.31	23.71	24.01	25.64	27.50	30.35	34.59	36.04	32.51	32.02	36.95	40.57	39.97	40.66	27.31	54.83	33.51	29.80	30.66	36.74	27.30	24.70	23.39
24261	1.50	1.64	1.47	1.46	1.58	1.57	1.68	2.04	2.45	2.19	2.16	2.33	2.70	2.71	3.07	2.38	2.86	2.79	2.30	2.17	2.59	1.83	1.69	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-22.73	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.10	28.37	23.70	24.08	25.75	27.67	30.41	34.56	35.78	32.20	31.67	36.56	39.55	38.87	39.57	26.38	28.52	32.80	29.63	30.51	36.60	27.31	24.62	23.29
24011	1.66	1.71	1.46	1.54	1.69	1.74	1.73	2.02	2.18	1.87	1.82	1.93	1.68	1.61	1.99	1.46	1.85	2.09	2.12	2.02	2.45	1.84	1.61	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.30	28.57	23.84	24.21	25.92	27.88	30.59	34.77	36.02	32.36	31.83	36.71	39.72	39.03	39.79	26.56	28.75	33.10	29.90	30.76	36.86	27.51	24.78	23.45
23798	1.85	1.91	1.60	1.67	1.86	1.96	1.92	2.22	2.43	2.04	1.98	2.08	1.85	1.76	2.21	1.64	2.07	2.38	2.40	2.27	2.71	2.03	1.77	1.67
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.10	28.37	23.70	24.08	25.75	27.67	30.41	34.56	35.78	32.														

ALBANY___2 23572	28.54 0.10 0.00	26.92 0.25 0.00	22.66 0.43 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.36 0.00	33.75 0.16 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.07 -0.20 0.00	37.76 0.18 0.00	25.22 0.30 0.00	27.00 0.39 2.63	31.07 0.35 0.00	27.80 0.30 0.00	28.60 0.10 0.00	34.42 0.26 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.14 0.35 0.00
ALBANY___3 23573	28.54 0.10 0.00	26.92 0.25 0.00	22.66 0.43 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.36 0.00	33.75 0.16 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.07 -0.20 0.00	37.76 0.18 0.00	25.22 0.30 0.00	27.00 0.39 2.63	31.07 0.35 0.00	27.80 0.30 0.00	28.60 0.10 0.00	34.42 0.26 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.14 0.35 0.00
ALBANY___4 23574	28.54 0.10 0.00	26.92 0.25 0.00	22.66 0.43 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.36 0.00	33.75 0.16 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.07 -0.20 0.00	37.76 0.18 0.00	25.22 0.30 0.00	27.00 0.39 2.63	31.07 0.35 0.00	27.80 0.30 0.00	28.60 0.10 0.00	34.42 0.26 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.14 0.35 0.00
ALBANY___LFGE 323615	28.78 0.34 0.00	27.13 0.47 0.00	22.83 0.59 0.00	23.34 0.80 0.00	24.89 0.83 0.00	26.57 0.64 0.00	29.22 0.54 0.00	33.19 0.64 0.00	34.11 0.51 0.00	30.73 0.41 0.00	30.20 0.34 0.00	34.93 0.30 0.00	38.09 0.22 0.00	37.49 0.23 0.00	38.18 0.60 0.00	25.48 0.56 0.00	27.30 0.71 2.64	31.41 0.69 0.00	28.12 0.61 0.00	28.94 0.45 0.00	34.83 0.67 0.00	26.00 0.52 0.00	23.54 0.53 0.00	22.33 0.55 0.00
ALCOA_PA_115KV_PL-6C 55860	28.78 0.34 0.00	26.80 0.14 0.00	22.17 -0.06 0.00	22.42 -0.13 0.00	23.91 -0.16 0.00	25.91 -0.02 0.00	28.82 0.14 0.00	32.71 0.17 0.00	34.51 -0.06 -0.97	32.49 0.02 -2.15	29.60 -0.26 0.00	34.93 0.30 0.00	38.19 0.31 0.00	37.43 0.17 0.00	37.70 0.12 0.00	24.86 -0.06 0.00	29.10 -0.13 0.00	30.71 -0.01 0.00	27.53 0.03 0.00	28.55 0.06 0.00	34.27 0.12 0.00	25.58 0.10 0.00	23.01 0.00 0.00	21.63 -0.15 0.00
ALCOA_RYNLDS___DRP 24188	28.78 0.34 0.00	26.80 0.14 0.00	22.17 -0.06 0.00	22.42 -0.13 0.00	23.91 -0.16 0.00	25.91 -0.02 0.00	28.82 0.14 0.00	32.71 0.17 0.00	34.51 -0.06 -0.97	32.49 0.02 -2.15	29.60 -0.26 0.00	34.93 0.30 0.00	38.19 0.31 0.00	37.43 0.17 0.00	37.70 0.12 0.00	24.86 -0.06 0.00	29.10 -0.13 0.00	30.71 -0.01 0.00	27.53 0.03 0.00	28.55 0.06 0.00	34.27 0.12 0.00	25.58 0.10 0.00	23.01 0.00 0.00	21.63 -0.15 0.00
ALCOA___DSASP 323711	28.78 0.34 0.00	26.80 0.14 0.00	22.17 -0.06 0.00	22.42 -0.13 0.00	23.91 -0.16 0.00	25.91 -0.02 0.00	28.82 0.14 0.00	32.71 0.17 0.00	34.51 -0.06 -0.97	32.49 0.02 -2.15	29.60 -0.26 0.00	34.93 0.30 0.00	38.19 0.31 0.00	37.43 0.17 0.00	37.70 0.12 0.00	24.86 -0.07 0.00	29.10 -0.13 0.00	30.71 -0.01 0.00	27.53 0.03 0.00	28.55 0.06 0.00	34.28 0.12 0.00	25.58 0.10 0.00	23.01 0.00 0.00	21.63 -0.15 0.00
ALLEGHENY___COGEN 23514	28.70 0.25 0.00	26.92 0.26 0.00	22.36 0.12 0.00	22.63 0.09 0.00	24.22 0.16 0.00	26.38 0.45 0.00	29.26 0.59 0.00	33.00 0.46 0.00	37.77 -0.11 -4.29	34.35 -0.44 -4.46	29.46 -0.39 0.00	33.74 -0.88 0.00	37.31 -0.57 0.00	41.15 -0.33 -4.20	41.70 -1.18 -5.29	30.22 -1.48 -6.78	27.51 -1.72 0.00	29.58 -1.14 0.00	26.85 -0.66 0.00	28.22 -0.27 0.00	33.59 -0.56 0.00	25.21 -0.26 0.00	23.20 0.19 0.00	21.96 0.18 0.00
ALTAMONT_115KV_TB 2 55880	28.76 0.32 0.00	27.12 0.45 0.00	22.79 0.55 0.00	23.23 0.69 0.00	24.78 0.72 0.00	26.48 0.55 0.00	29.14 0.46 0.00	33.11 0.57 0.00	34.21 0.62 0.00	30.84 0.51 0.00	30.33 0.47 0.00	35.09 0.46 0.00	38.31 0.44 0.00	37.64 0.38 0.00	38.24 0.66 0.00	25.50 0.58 0.00	27.43 0.73 2.53	31.45 0.73 0.00	28.18 0.68 0.00	29.08 0.59 0.00	34.93 0.78 0.00	26.04 0.57 0.00	23.55 0.54 0.00	22.33 0.54 0.00
ALTONA_WT_PWR 323606	28.67 0.23 0.00	26.71 0.05 0.00	22.09 -0.14 0.00	22.27 -0.28 0.00	23.70 -0.36 0.00	25.58 -0.35 0.00	28.33 -0.35 0.00	32.15 -0.40 0.00	13.55 -0.79 19.25	-12.76 -0.63 42.46	29.54 -0.32 0.00	34.61 -0.02 0.00	37.85 -0.02 0.00	36.89 -0.38 0.00	37.33 -0.25 0.00	24.80 -0.13 0.00	29.10 -0.13 0.00	30.84 0.12 0.00	27.65 0.15 0.00	28.53 0.04 0.00	34.12 -0.03 0.00	25.46 -0.02 0.00	22.90 -0.11 0.00	21.46 -0.33 0.00
AMERICAN_REF_FUEL 24010	27.15 -1.29 0.00	25.42 -1.24 0.00	21.02 -1.22 0.00	21.30 -1.25 0.00	22.73 -1.34 0.00	24.70 -1.23 0.00	27.32 -1.36 0.00	30.62 -1.92 0.00	30.79 -1.88 0.93	27.84 -1.51 0.97	28.37 -1.49 0.00	32.50 -2.12 0.00	35.81 -2.06 0.00	34.55 -1.81 0.91	33.27 -3.17 1.14	20.81 -2.72 1.39	26.33 -2.90 0.00	27.67 -3.05 0.00	24.79 -2.72 0.00	26.73 -1.76 0.00	31.74 -2.41 0.00	24.01 -1.46 0.00	21.78 -1.23 0.00	20.69 -1.09 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.22 -0.23 0.00	26.37 -0.29 0.00	21.81 -0.43 0.00	21.99 -0.55 0.00	23.44 -0.63 0.00	25.46 -0.47 0.00	28.27 -0.41 0.00	31.82 -0.73 0.00	32.67 -0.46 0.46	29.49 -0.36 0.48	29.68 -0.17 0.00	34.17 -0.46 0.00	37.04 -0.84 0.00	36.86 0.04 0.45	35.80 -1.21 0.57	23.11 -1.17 0.64	28.18 -1.06 0.00	29.66 -1.06 0.00	26.38 -1.12 0.00	27.78 -0.71 0.00	33.12 -1.04 0.00	24.51 -0.97 0.00	22.13 -0.88 0.00	21.03 -0.75 0.00
ARTHUR KILL_GT_1 23520	29.82 1.38 0.00	28.03 1.36 0.00	23.39 1.16 0.00	23.67 1.13 0.00	25.28 1.22 0.00	27.16 1.23 0.00	30.07 1.39 -0.01	34.23 1.69 0.00	35.65 2.06 0.00	32.20 1.88 0.00	31.83 1.97 0.00	36.69 2.06 0.00	40.21 2.33 -0.01	39.65 2.38 -0.01	40.40 2.81 -0.01	27.08 2.14 -0.02	54.61 2.64 -22.74	33.28 2.56 0.00	29.66 2.16 0.00	30.54 2.05 0.00	36.66 2.51 0.00	27.23 1.76 0.00	24.64 1.63 0.00	23.31 1.53 0.00
ARTHUR_KILL_2 23512	29.75 1.30 0.00	27.96 1.29 0.00	23.34 1.10 0.00	23.61 1.07 0.00	25.21 1.15 0.00	27.08 1.15 0.00	29.99 1.31 -0.01	34.13 1.59 0.00	35.55 1.96 0.00	32.10 1.78 0.00	31.74 1.88 0.00	36.59 1.96 0.00	40.10 2.22 -0.01	39.55 2.27 -0.01	40.29 2.70 -0.01	27.03 2.08 -0.02	54.52 2.55 -22.74	33.19 2.47 0.00	29.58 2.08 0.00	30.45 1.96 0.00	36.55 2.40 0.00	27.15 1.68 0.00	24.57 1.56 0.00	23.25 1.47 0.00
ARTHUR_KILL_3 23513	29.64 1.20 0.00	28.03 1.36 0.00	23.48 1.25 0.00	23.78 1.23 0.00	25.40 1.33 0.00	27.24 1.31 0.00	30.02 1.35 0.00	34.19 1.65 0.00	35.65 2.05 0.00	32.14 1.82 0.00	31.64 1.79 0.00	36.51 1.89 0.00	40.09 2.21 0.00	39.53 2.26 0.00	40.22 2.64 0.00	27.04 2.10 -0.02	54.51 2.53 -22.75	33.17 2.45 0.00	29.50 2.00 0.00	30.34 1.85 0.00	36.37 2.22 0.00	27.02 1.55 0.00	24.47 1.46 0.00	23.17 1.38 0.00

ARTHUR_KILL_COGEN 323718	29.82 1.38 0.00	28.03 1.36 0.00	23.39 1.16 0.00	23.67 1.13 0.00	25.27 1.21 0.00	27.16 1.23 0.00	30.07 1.39 -0.01	34.23 1.69 0.00	35.65 2.06 0.00	32.20 1.88 0.00	31.83 1.97 0.00	36.69 2.06 0.00	40.21 2.32 -0.01	39.65 2.38 -0.01	40.40 2.81 -0.01	27.10 2.16 -0.02	54.61 2.64 -22.74	33.28 2.56 0.00	29.66 2.16 0.00	30.54 2.05 0.00	36.66 2.51 0.00	27.23 1.76 0.00	24.64 1.63 0.00	23.31 1.53 0.00
ASHOKAN____ 23654	29.93 1.48 0.00	28.18 1.51 0.00	23.64 1.40 0.00	24.03 1.48 0.00	25.65 1.59 0.00	27.50 1.57 0.00	30.18 1.50 0.00	34.45 1.91 0.00	35.69 2.09 0.00	32.22 1.90 0.00	31.74 1.89 0.00	36.65 2.02 0.00	40.01 2.14 0.00	39.41 2.15 0.00	39.96 2.38 0.00	26.75 1.82 0.00	35.82 2.47 -4.12	32.95 2.23 0.00	29.55 2.05 0.00	30.48 1.99 0.00	36.58 2.43 0.00	27.22 1.74 0.00	24.56 1.55 0.00	23.20 1.42 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.65 1.21 0.00	27.99 1.33 0.00	23.47 1.24 0.00	23.75 1.20 0.00	25.38 1.31 0.00	27.20 1.27 0.00	30.03 1.35 -0.01	34.20 1.66 0.00	35.65 2.06 0.00	32.16 1.84 0.00	31.66 1.80 0.00	36.48 1.86 0.00	40.06 2.18 -0.01	39.47 2.20 0.00	40.13 2.55 0.00	26.97 2.04 -0.01	54.46 2.50 -22.72	33.10 2.39 0.00	29.51 2.00 0.00	30.33 1.84 0.00	36.46 2.31 0.00	27.10 1.63 0.00	24.51 1.50 0.00	23.21 1.43 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.65 1.21 0.00	27.99 1.33 0.00	23.47 1.24 0.00	23.75 1.21 0.00	25.38 1.31 0.00	27.20 1.27 0.00	30.03 1.35 -0.01	34.20 1.66 0.00	35.65 2.06 0.00	32.16 1.84 0.00	31.66 1.80 0.00	36.48 1.86 0.00	40.06 2.18 -0.01	39.47 2.20 0.00	40.13 2.55 0.00	26.97 2.04 -0.01	54.46 2.50 -22.72	33.10 2.39 0.00	29.51 2.00 0.00	30.33 1.84 0.00	36.46 2.31 0.00	27.10 1.63 0.00	24.51 1.50 0.00	23.21 1.43 0.00
ASTORIA_GT2_1 24094	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 0.00	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT2_2 24095	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT2_3 24096	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT2_4 24097	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT3_1 24098	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT3_2 24099	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT3_3 24100	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT3_4 24101	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT4_1 24102	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT4_2 24103	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT4_3 24104	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00

ASTORIA_GT4_4 24105	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.32 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.68 0.00	35.67 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.08 2.20 -0.01	39.49 2.22 -0.01	40.16 2.58 0.00	27.00 2.07 -0.01	54.47 2.51 -22.72	33.12 2.41 0.00	29.52 2.01 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.52 1.51 0.00	23.23 1.44 0.00
ASTORIA_GT_1 23523	29.72 1.27 0.00	28.04 1.38 0.00	23.51 1.28 0.00	23.79 1.24 0.00	25.42 1.36 0.00	27.25 1.32 0.00	30.10 1.42 -0.01	34.28 1.74 0.00	35.74 2.14 0.00	32.24 1.92 0.00	31.73 1.88 0.00	36.57 1.94 0.00	40.16 2.28 -0.01	39.56 2.29 -0.01	40.24 2.65 0.00	27.05 2.12 -0.01	54.53 2.57 -22.72	33.18 2.47 0.00	29.57 2.07 0.00	30.40 1.91 0.00	36.54 2.39 0.00	27.16 1.69 0.00	24.56 1.55 0.00	23.26 1.48 0.00
ASTORIA_GT_10 24110	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.35 2.02 0.00	31.80 1.95 0.00	36.74 2.12 0.00	40.40 2.52 -0.01	39.82 2.54 -0.01	40.50 2.90 -0.01	27.22 2.27 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.43 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.27 1.48 0.00
ASTORIA_GT_11 24225	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.35 2.02 0.00	31.80 1.95 0.00	36.74 2.12 0.00	40.40 2.52 -0.01	39.82 2.54 -0.01	40.50 2.90 -0.01	27.22 2.27 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.43 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.27 1.48 0.00
ASTORIA_GT_12 24226	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.35 2.02 0.00	31.80 1.95 0.00	36.74 2.12 0.00	40.40 2.52 -0.01	39.82 2.54 -0.01	40.50 2.90 -0.01	27.22 2.27 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.43 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.27 1.48 0.00
ASTORIA_GT_13 24227	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.35 2.02 0.00	31.80 1.95 0.00	36.74 2.12 0.00	40.40 2.52 -0.01	39.82 2.54 -0.01	40.50 2.90 -0.01	27.22 2.27 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.43 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.27 1.48 0.00
ASTORIA_GT_5 24106	29.72 1.27 0.00	28.04 1.38 0.00	23.51 1.28 0.00	23.79 1.24 0.00	25.42 1.36 0.00	27.25 1.32 0.00	30.10 1.42 -0.01	34.28 1.74 0.00	35.74 2.14 0.00	32.24 1.92 0.00	31.73 1.88 0.00	36.57 1.94 0.00	40.16 2.28 -0.01	39.56 2.29 -0.01	40.24 2.65 0.00	27.05 2.12 -0.01	54.53 2.57 -22.72	33.18 2.47 0.00	29.57 2.07 0.00	30.40 1.91 0.00	36.54 2.39 0.00	27.16 1.69 0.00	24.56 1.55 0.00	23.26 1.48 0.00
ASTORIA_GT_7 24107	29.72 1.27 0.00	28.04 1.38 0.00	23.51 1.28 0.00	23.79 1.24 0.00	25.42 1.36 0.00	27.25 1.32 0.00	30.10 1.42 -0.01	34.28 1.74 0.00	35.74 2.14 0.00	32.24 1.92 0.00	31.73 1.88 0.00	36.57 1.94 0.00	40.16 2.28 -0.01	39.56 2.29 -0.01	40.24 2.65 0.00	27.05 2.12 -0.01	54.53 2.57 -22.72	33.18 2.47 0.00	29.57 2.07 0.00	30.40 1.91 0.00	36.54 2.39 0.00	27.16 1.69 0.00	24.56 1.55 0.00	23.26 1.48 0.00
ASTORIA_GT_8 24108	29.72 1.27 0.00	28.04 1.38 0.00	23.51 1.28 0.00	23.79 1.24 0.00	25.42 1.36 0.00	27.25 1.32 0.00	30.10 1.42 -0.01	34.28 1.74 0.00	35.74 2.14 0.00	32.24 1.92 0.00	31.73 1.88 0.00	36.57 1.94 0.00	40.16 2.28 -0.01	39.56 2.29 -0.01	40.24 2.65 0.00	27.05 2.12 -0.01	54.53 2.57 -22.72	33.18 2.47 0.00	29.57 2.07 0.00	30.40 1.91 0.00	36.54 2.39 0.00	27.16 1.69 0.00	24.56 1.55 0.00	23.26 1.48 0.00
ASTORIA___2 24149	29.67 1.22 0.00	28.00 1.34 0.00	23.49 1.25 0.00	23.76 1.22 0.00	25.39 1.33 0.00	27.21 1.29 0.00	30.05 1.37 -0.01	34.22 1.67 0.00	35.66 2.07 0.00	32.18 1.86 0.00	31.68 1.82 0.00	36.51 1.88 0.00	40.07 2.20 -0.01	39.49 2.22 0.00	40.15 2.57 0.00	26.98 2.05 -0.01	54.47 2.52 -22.72	33.12 2.40 0.00	29.52 2.02 0.00	30.35 1.86 0.00	36.48 2.33 0.00	27.12 1.64 0.00	24.53 1.52 0.00	23.23 1.44 0.00
ASTORIA___3 23516	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.89 0.00	35.88 2.29 0.00	32.34 2.01 0.00	31.80 1.95 0.00	36.75 2.12 0.00	40.40 2.52 -0.01	39.82 2.55 -0.01	40.49 2.90 -0.01	27.22 2.28 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.42 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.57 1.56 0.00	23.27 1.48 0.00
ASTORIA___4 23517	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.35 2.02 0.00	31.80 1.95 0.00	36.74 2.12 0.00	40.40 2.52 -0.01	39.82 2.54 -0.01	40.50 2.90 -0.01	27.22 2.27 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.43 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.27 1.48 0.00
ASTORIA___5 23518	29.78 1.34 0.00	28.16 1.50 0.00	23.59 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.89 0.00	35.88 2.29 0.00	32.34 2.01 0.00	31.80 1.95 0.00	36.75 2.12 0.00	40.40 2.52 -0.01	39.82 2.55 -0.01	40.49 2.90 -0.01	27.22 2.28 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.42 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.57 1.56 0.00	23.27 1.48 0.00
AST_ENERGY_2_CC3 323677	29.66 1.22 0.00	28.04 1.38 0.00	23.51 1.27 0.00	23.81 1.26 0.00	25.42 1.36 0.00	27.26 1.33 0.00	30.05 1.38 0.00	34.23 1.69 0.00	35.68 2.09 0.00	32.18 1.86 0.00	31.70 1.84 0.00	36.58 1.95 0.00	40.15 2.28 0.00	39.57 2.30 0.00	40.26 2.68 0.00	27.07 2.14 -0.01	54.54 2.56 -22.75	33.20 2.49 0.00	29.53 2.02 0.00	30.38 1.88 0.00	36.40 2.25 0.00	27.05 1.57 0.00	24.50 1.49 0.00	23.21 1.42 0.00
AST_ENERGY_2_CC4 323678	29.66 1.22 0.00	28.04 1.38 0.00	23.51 1.27 0.00	23.81 1.26 0.00	25.42 1.36 0.00	27.26 1.33 0.00	30.05 1.38 0.00	34.23 1.69 0.00	35.68 2.09 0.00	32.18 1.86 0.00	31.70 1.84 0.00	36.58 1.95 0.00	40.15 2.28 0.00	39.57 2.30 0.00	40.26 2.68 0.00	27.07 2.14 -0.01	54.54 2.56 -22.75	33.20 2.49 0.00	29.53 2.02 0.00	30.38 1.88 0.00	36.40 2.25 0.00	27.05 1.57 0.00	24.50 1.49 0.00	23.21 1.42 0.00

ATHENS_STG_1 23668	28.86 0.42 0.00	27.26 0.60 0.00	22.90 0.67 0.00	23.29 0.75 0.00	24.86 0.80 0.00	26.52 0.59 0.00	29.17 0.50 0.00	33.17 0.63 0.00	34.36 0.77 0.00	30.97 0.65 0.00	30.47 0.61 0.00	35.24 0.61 0.00	38.53 0.65 0.00	37.91 0.64 0.00	38.51 0.93 0.00	25.76 0.84 0.00	26.28 1.02 3.97	31.69 0.98 0.00	28.35 0.84 0.00	29.23 0.74 0.00	35.11 0.96 0.00	26.15 0.67 0.00	23.65 0.64 0.00	22.42 0.63 0.00
ATHENS_STG_2 23670	28.86 0.42 0.00	27.26 0.60 0.00	22.90 0.67 0.00	23.29 0.75 0.00	24.86 0.80 0.00	26.52 0.59 0.00	29.17 0.50 0.00	33.17 0.63 0.00	34.36 0.77 0.00	30.97 0.65 0.00	30.47 0.61 0.00	35.24 0.61 0.00	38.53 0.65 0.00	37.91 0.64 0.00	38.51 0.93 0.00	25.76 0.84 0.00	26.28 1.02 3.97	31.69 0.98 0.00	28.35 0.84 0.00	29.23 0.74 0.00	35.11 0.96 0.00	26.15 0.67 0.00	23.65 0.64 0.00	22.42 0.63 0.00
ATHENS_STG_3 23677	28.86 0.42 0.00	27.26 0.60 0.00	22.90 0.67 0.00	23.29 0.75 0.00	24.86 0.80 0.00	26.52 0.59 0.00	29.17 0.50 0.00	33.17 0.63 0.00	34.36 0.77 0.00	30.97 0.65 0.00	30.47 0.61 0.00	35.24 0.61 0.00	38.53 0.65 0.00	37.91 0.64 0.00	38.51 0.93 0.00	25.76 0.84 0.00	26.28 1.02 3.97	31.69 0.98 0.00	28.35 0.84 0.00	29.23 0.74 0.00	35.11 0.96 0.00	26.15 0.67 0.00	23.65 0.64 0.00	22.42 0.63 0.00
AUBURN___LFGE 323710	28.32 -0.12 0.00	26.58 -0.08 0.00	22.20 -0.04 0.00	22.50 -0.05 0.00	24.03 -0.03 0.00	25.87 -0.06 0.00	28.57 -0.11 0.00	32.39 -0.15 0.00	33.48 -0.11 0.00	30.17 -0.16 0.00	29.60 -0.25 0.00	33.91 -0.71 0.00	37.13 -0.75 0.00	36.75 -0.52 -0.01	36.78 -0.80 0.00	24.60 -0.64 -0.31	28.77 -0.47 0.00	30.32 -0.39 0.00	27.15 -0.36 0.00	28.32 -0.17 0.00	33.78 -0.37 0.00	25.25 -0.22 0.00	22.81 -0.20 0.00	21.63 -0.15 0.00
BABYLON_RES_REC 323704	29.66 1.22 0.00	27.93 1.27 0.00	23.42 1.19 0.00	23.67 1.12 0.00	25.25 1.19 0.00	27.07 1.14 0.00	29.87 1.20 0.00	34.00 1.46 0.00	35.40 1.81 0.00	31.81 1.49 0.00	31.74 1.88 0.00	36.34 1.71 0.00	39.95 2.07 0.00	39.44 2.18 0.00	40.08 2.50 0.00	27.27 2.34 -0.01	54.49 2.56 -22.69	33.00 2.28 0.00	29.31 1.81 0.00	30.18 1.69 0.00	36.14 1.99 0.00	26.81 1.34 0.00	24.44 1.43 0.00	23.07 1.29 0.00
BALL_HILL_WT_PWR 323825	27.93 -0.51 0.00	26.18 -0.48 0.00	21.71 -0.52 0.00	21.96 -0.58 0.00	23.46 -0.60 0.00	25.45 -0.47 0.00	28.21 -0.47 0.00	31.71 -0.84 0.00	32.26 -0.64 0.69	29.17 -0.43 0.72	29.51 -0.34 0.00	33.84 -0.79 0.00	37.08 -0.79 0.00	36.28 -0.32 0.67	35.06 -1.67 0.85	22.37 -1.55 1.00	27.80 -1.43 0.00	29.20 -1.52 0.00	26.02 -1.48 0.00	27.68 -0.81 0.00	32.88 -1.27 0.00	24.68 -0.80 0.00	22.34 -0.67 0.00	21.22 -0.56 0.00
BARON_WINDS___WT_PWR 323822	27.55 -0.90 0.00	25.87 -0.79 0.00	21.58 -0.66 0.00	21.81 -0.73 0.00	23.35 -0.72 0.00	25.35 -0.58 0.00	28.06 -0.61 0.00	31.69 -0.85 0.00	22.80 -1.00 9.80	19.01 -1.11 10.20	28.93 -0.92 0.00	32.79 -1.84 0.00	36.04 -1.84 0.00	26.18 -1.48 9.60	23.39 -2.08 12.11	7.91 -1.73 15.29	27.68 -1.55 0.00	29.43 -1.28 0.00	26.25 -1.26 0.00	27.48 -1.02 0.00	32.66 -1.49 0.00	24.53 -0.94 0.00	22.08 -0.93 0.00	20.87 -0.91 0.00
BARRETT_IC_1 23704	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_10 23701	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_11 23702	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_12 23703	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_2 23705	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_3 23706	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_4 23707	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_5 23708	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00

BARRETT_IC_6 23709	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_7 23710	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.18 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.76 1.89 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.12 1.61 0.00	29.99 1.50 0.00	35.92 1.78 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.00 1.22 0.00
BARRETT_IC_8 23711	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT_IC_9 23700	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT___1 23545	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BARRETT___2 23546	29.56 1.11 0.00	27.87 1.20 0.00	23.36 1.12 0.00	23.63 1.09 0.00	25.22 1.16 0.00	27.04 1.12 0.00	29.75 1.08 0.00	33.78 1.24 0.00	35.17 1.58 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.12 1.49 0.00	39.74 1.87 0.00	43.23 2.02 -3.94	54.81 2.35 -14.87	27.04 2.10 -0.02	54.21 2.29 -22.69	32.75 2.03 0.00	29.11 1.61 0.00	29.99 1.49 0.00	35.92 1.77 0.00	26.71 1.24 0.00	24.35 1.34 0.00	23.01 1.22 0.00
BATAVIA___115KV_TB1 55881	28.28 -0.17 0.00	26.50 -0.16 0.00	21.95 -0.28 0.00	22.24 -0.31 0.00	23.75 -0.32 0.00	25.81 -0.11 0.00	28.65 -0.02 0.00	32.26 -0.28 0.00	32.59 -0.28 0.72	29.17 -0.40 0.75	29.32 -0.53 0.00	33.71 -0.91 0.00	37.28 -0.59 0.00	36.41 -0.11 0.75	35.56 -1.07 0.95	22.33 -1.52 1.08	27.75 -1.49 0.00	29.54 -1.18 0.00	26.60 -0.91 0.00	28.34 -0.15 0.00	33.64 -0.51 0.00	25.33 -0.15 0.00	22.91 -0.11 0.00	21.67 -0.12 0.00
BAYONEEC___CTG1 323682	29.73 1.28 0.00	28.11 1.45 0.00	23.55 1.31 0.00	23.85 1.31 0.00	25.47 1.41 0.00	27.32 1.39 0.00	30.11 1.43 0.00	34.3																

BAYONEEC___CTG8 323689	29.73 1.28 0.00	28.11 1.45 0.00	23.55 1.31 0.00	23.85 1.31 0.00	25.47 1.41 0.00	27.32 1.39 0.00	30.11 1.43 0.00	34.30 1.75 0.00	35.74 2.15 0.00	32.24 1.92 0.00	31.75 1.90 0.00	36.64 2.01 0.00	40.22 2.35 0.00	39.63 2.37 0.00	40.33 2.75 0.00	27.10 2.17 -0.01	54.60 2.62 -22.75	33.26 2.54 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.22 1.44 0.00
BAYONEEC___CTG9 323749	29.73 1.28 0.00	28.11 1.45 0.00	23.55 1.31 0.00	23.85 1.31 0.00	25.47 1.41 0.00	27.32 1.39 0.00	30.11 1.43 0.00	34.30 1.75 0.00	35.74 2.15 0.00	32.24 1.92 0.00	31.75 1.90 0.00	36.64 2.01 0.00	40.22 2.35 0.00	39.63 2.37 0.00	40.33 2.75 0.00	27.10 2.17 -0.01	54.60 2.62 -22.75	33.26 2.54 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.22 1.44 0.00
BEACON___LESR 323632	28.83 0.39 0.00	27.21 0.55 0.00	22.92 0.68 0.00	23.43 0.89 0.00	25.01 0.95 0.00	26.71 0.78 0.00	29.40 0.72 0.00	33.36 0.82 0.00	34.30 0.71 0.00	30.94 0.61 0.00	30.38 0.53 0.00	35.15 0.52 0.00	38.28 0.41 0.00	37.76 0.50 0.00	38.45 0.87 0.00	25.64 0.71 0.00	27.58 0.96 2.62	31.67 0.96 0.00	28.27 0.77 0.00	29.22 0.72 0.00	35.03 0.87 0.00	26.18 0.71 0.00	23.67 0.66 0.00	22.49 0.71 0.00
BEAVER RIVER___HYD 24048	28.94 0.49 0.00	26.82 0.16 0.00	22.27 0.03 0.00	22.32 -0.22 0.00	23.60 -0.46 0.00	25.40 -0.52 0.00	28.21 -0.47 0.00	32.16 -0.38 0.00	34.63 -0.32 -1.36	33.08 -0.24 -3.00	29.38 -0.47 0.00	33.91 -0.72 0.00	36.93 -0.95 0.00	36.24 -1.03 0.00	36.72 -0.86 0.00	24.19 -0.73 0.00	29.25 0.02 0.00	31.56 0.84 0.00	28.14 0.63 0.00	28.71 0.21 0.00	34.32 0.17 0.00	25.60 0.13 0.00	23.70 0.69 0.00	22.01 0.23 0.00
BEEBEE_GT_13 23619	28.05 -0.39 0.00	26.33 -0.33 0.00	21.87 -0.37 0.00	22.16 -0.38 0.00	23.66 -0.41 0.00	25.60 -0.32 0.00	28.31 -0.36 0.00	32.00 -0.54 0.00	33.18 -0.41 0.00	30.04 -0.28 0.00	29.55 -0.31 0.00	34.08 -0.54 0.00	37.57 -0.30 0.00	37.21 -0.05 0.00	36.79 -0.79 0.00	23.91 -1.02 0.00	28.22 -1.01 0.00	29.80 -0.92 0.00	26.70 -0.80 0.00	28.17 -0.32 0.00	33.51 -0.64 0.00	25.14 -0.34 0.00	22.73 -0.28 0.00	21.50 -0.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.05 1.61 0.00	28.30 1.63 0.00	23.65 1.42 0.00	23.93 1.38 0.00	25.56 1.49 0.00	27.45 1.52 0.00	30.35 1.67 -0.01	34.58 2.04 0.00	36.06 2.46 0.00	32.53 2.21 0.00	32.08 2.22 0.00	37.01 2.38 0.00	40.63 2.75 -0.01	40.06 2.78 -0.01	40.77 3.18 -0.01	27.36 2.42 -0.02	54.90 2.93 -22.74	33.56 2.84 0.00	29.88 2.37 0.00	30.74 2.25 0.00	36.89 2.74 0.00	27.40 1.92 0.00	24.79 1.78 0.00	23.45 1.67 0.00
BETHLEHEM___GRP 23843	28.54 0.10 0.00	26.92 0.25 0.00	22.66 0.43 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.36 0.00	33.75 0.16 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.07 -0.20 0.00	37.76 0.18 0.00	25.22 0.30 0.00	27.00 0.39 2.63	31.07 0.35 0.00	27.80 0.30 0.00	28.60 0.10 0.00	34.42 0.26 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.14 0.35 0.00
BETHLEHEM___GS1 323560	28.54 0.10 0.00	26.92 0.26 0.00	22.66 0.42 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.35 0.00	33.75 0.15 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.06 -0.21 0.00	37.76 0.18 0.00	25.22 0.30 0.00	26.99 0.39 2.63	31.07 0.35 0.00	27.80 0.29 0.00	28.60 0.10 0.00	34.42 0.27 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.13 0.35 0.00
BETHLEHEM___GS2 323561	28.54 0.10 0.00	26.92 0.26 0.00	22.66 0.42 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.35 0.00	33.75 0.15 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.06 -0.21 0.00	37.76 0.18 0.00	25.22 0.30 0.00	26.99 0.39 2.63	31.07 0.35 0.00	27.80 0.29 0.00	28.60 0.10 0.00	34.42 0.27 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.13 0.35 0.00
BETHLEHEM___GS3 323562	28.54 0.10 0.00	26.92 0.26 0.00	22.66 0.42 0.00	23.18 0.64 0.00	24.71 0.65 0.00	26.37 0.44 0.00	28.97 0.29 0.00	32.90 0.35 0.00	33.75 0.15 0.00	30.40 0.07 0.00	29.85 -0.01 0.00	34.52 -0.11 0.00	37.66 -0.22 0.00	37.06 -0.21 0.00	37.76 0.18 0.00	25.22 0.30 0.00	26.99 0.39 2.63	31.07 0.35 0.00	27.80 0.29 0.00	28.60 0.10 0.00	34.42 0.27 0.00	25.72 0.24 0.00	23.31 0.30 0.00	22.13 0.35 0.00
BETHLEHEM___STEEL 23779	27.85 -0.60 0.00	26.13 -0.53 0.00	21.65 -0.59 0.00	21.91 -0.63 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.14 -0.54 0.00	31.63 -0.92 0.00	32.14 -0.73 0.73	29.16 -0.41 0.76	29.50 -0.36 0.00	33.82 -0.81 0.00	37.17 -0.70 0.00	36.18 -0.37 0.71	34.91 -1.78 0.90	22.18 -1.67 1.06	27.63 -1.60 0.00	29.00 -1.72 0.00	25.92 -1.59 0.00	27.72 -0.77 0.00	32.90 -1.25 0.00	24.80 -0.68 0.00	22.45 -0.56 0.00	21.29 -0.50 0.00
BETHLHEM_115KV_TB1 79974	28.58 0.13 0.00	26.95 0.28 0.00	22.68 0.45 0.00	23.19 0.64 0.00	24.72 0.66 0.00	26.38 0.46 0.00	29.00 0.32 0.00	32.94 0.40 0.00	33.84 0.25 0.00	30.48 0.16 0.00	29.95 0.10 0.00	34.64 0.01 0.00	37.79 -0.08 0.00	37.20 -0.07 0.00	37.87 0.29 0.00	25.30 0.37 0.00	27.09 0.47 2.62	31.15 0.43 0.00	27.88 0.37 0.00	28.70 0.20 0.00	34.52 0.37 0.00	25.79 0.31 0.00	23.36 0.35 0.00	22.17 0.39 0.00
BETHPAGE_CC_5 323564	29.68 1.24 0.00	27.98 1.31 0.00	23.45 1.21 0.00	23.71 1.16 0.00	25.27 1.20 0.00	27.06 1.13 0.00	29.84 1.17 0.00	33.96 1.42 0.00	35.33 1.74 0.00	31.74 1.42 0.00	31.61 1.75 0.00	36.17 1.54 0.00	39.80 1.92 0.00	39.39 2.02 -0.10	40.31 2.33 -0.39	27.11 2.18 -0.01	54.29 2.37 -22.69	32.80 2.09 0.00	29.13 1.63 0.00	30.02 1.52 0.00	35.95 1.80 0.00	26.69 1.21 0.00	24.37 1.37 0.00	23.04 1.26 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	27.93 -0.51 0.00	26.20 -0.46 0.00	21.71 -0.53 0.00	21.98 -0.57 0.00	23.48 -0.58 0.00	25.48 -0.44 0.00	28.23 -0.45 0.00	31.74 -0.81 0.00	32.30 -0.61 0.67	29.33 -0.29 0.70	29.62 -0.24 0.00	33.94 -0.68 0.00	37.32 -0.55 0.00	36.36 -0.25 0.66	35.11 -1.64 0.83	22.37 -1.57 0.98	27.76 -1.47 0.00	29.14 -1.58 0.00	26.03 -1.47 0.00	27.83 -0.67 0.00	33.00 -1.15 0.00	24.88 -0.60 0.00	22.51 -0.50 0.00	21.35 -0.44 0.00
BINGHAMTON___COGEN 23790	28.37 -0.07 0.00	26.67 0.00 0.00	22.35 0.11 0.00	22.65 0.10 0.00	24.20 0.14 0.00	25.99 0.06 0.00	28.74 0.07 0.00	32.56 0.02 0.00	33.73 0.13 0.00	30.37 0.04 0.00	29.88 0.03 0.00	33.75 -0.87 0.00	37.06 -0.82 0.00	36.85 -0.43 -0.01	36.68 -0.90 0.00	24.54 -0.84 -0.46	28.69 -0.55 0.00	30.11 -0.61 0.00	26.84 -0.66 0.00	28.12 -0.37 0.00	33.45 -0.71 0.00	25.11 -0.36 0.00	22.74 -0.27 0.00	21.64 -0.14 0.00

BIXINCNT_115KV_LOAD 355685	28.15 -0.30 0.00	26.45 -0.21 0.00	21.90 -0.33 0.00	22.11 -0.43 0.00	23.72 -0.34 0.00	25.81 -0.12 0.00	28.61 -0.06 0.00	32.09 -0.45 0.00	32.93 -0.30 0.36	30.01 0.07 0.38	30.03 0.17 0.00	34.18 -0.45 0.00	37.69 -0.18 0.00	36.91 -0.01 0.35	35.70 -1.43 0.45	23.28 -1.16 0.49	28.30 -0.93 0.00	29.73 -0.98 0.00	26.40 -1.11 0.00	27.99 -0.50 0.00	32.99 -1.16 0.00	24.79 -0.69 0.00	22.37 -0.64 0.00	21.29 -0.49 0.00
BLACK RIVER___HYD 24047	29.15 0.70 0.00	26.99 0.33 0.00	22.37 0.14 0.00	22.44 -0.11 0.00	23.68 -0.38 0.00	25.51 -0.42 0.00	28.32 -0.35 0.00	32.28 -0.26 0.00	34.40 -0.13 -0.94	32.31 -0.09 -2.07	29.62 -0.24 0.00	33.97 -0.66 0.00	36.79 -1.09 0.00	36.00 -1.27 0.00	36.68 -0.90 0.00	24.15 -0.77 0.00	29.61 0.38 0.00	32.16 1.44 0.00	28.42 0.92 0.00	29.06 0.56 0.00	34.65 0.50 0.00	25.88 0.40 0.00	23.91 0.90 0.00	22.16 0.38 0.00
BLACKRVR_115KV_TB2 79977	29.15 0.70 0.00	26.99 0.33 0.00	22.37 0.14 0.00	22.44 -0.11 0.00	23.68 -0.38 0.00	25.51 -0.42 0.00	28.32 -0.35 0.00	32.28 -0.26 0.00	34.40 -0.13 -0.94	32.31 -0.09 -2.07	29.62 -0.24 0.00	33.97 -0.66 0.00	36.79 -1.08 0.00	36.00 -1.27 0.00	36.68 -0.90 0.00	24.15 -0.77 0.00	29.61 0.38 0.00	32.16 1.44 0.00	28.42 0.92 0.00	29.06 0.56 0.00	34.65 0.50 0.00	25.88 0.40 0.00	23.91 0.90 0.00	22.16 0.38 0.00
BLDWN_LI_69_KV_BK4 356085	29.76 1.32 0.00	28.04 1.37 0.00	23.50 1.26 0.00	23.76 1.21 0.00	25.36 1.29 0.00	27.20 1.27 0.00	29.95 1.28 0.00	34.06 1.52 0.00	35.45 1.86 0.00	31.88 1.56 0.00	31.72 1.87 0.00	36.36 1.73 0.00	40.05 2.17 0.00	40.60 2.26 -1.07	44.23 2.60 -4.05	27.22 2.28 -0.01	54.44 2.52 -22.69	33.01 2.30 0.00	29.35 1.85 0.00	30.27 1.78 0.00	36.26 2.11 0.00	26.93 1.45 0.00	24.52 1.51 0.00	23.14 1.36 0.00
BLISS_WT_PWR 323608	28.11 -0.34 0.00	26.42 -0.24 0.00	21.85 -0.38 0.00	22.04 -0.50 0.00	23.67 -0.39 0.00	25.78 -0.15 0.00	28.58 -0.09 0.00	32.03 -0.51 0.00	32.86 -0.37 0.36	29.99 0.04 0.38	30.01 0.15 0.00	34.11 -0.52 0.00	37.66 -0.21 0.00	36.82 -0.10 0.35	35.59 -1.54 0.45	23.29 -1.15 0.49	28.31 -0.92 0.00	29.75 -0.97 0.00	26.38 -1.13 0.00	27.96 -0.54 0.00	32.88 -1.27 0.00	24.69 -0.79 0.00	22.23 -0.78 0.00	21.19 -0.59 0.00
BLUESTONE___WT_PWR 323821	27.73 -0.71 0.00	25.95 -0.71 0.00	21.71 -0.53 0.00	22.02 -0.53 0.00	23.45 -0.61 0.00	25.34 -0.59 0.00	28.28 -0.40 0.00	32.75 0.21 0.00	34.50 0.91 0.00	31.07 0.75 0.00	30.65 0.79 0.00	35.08 0.45 0.00	38.57 0.69 0.00	38.14 0.87 0.00	37.84 0.26 0.00	25.36 0.05 -0.39	30.56 0.45 -0.88	31.11 0.40 0.00	27.69 0.19 0.00	28.72 0.23 0.00	34.04 -0.11 0.00	25.36 -0.11 0.00	23.17 0.16 0.00	21.87 0.09 0.00
BLUE_CIRC_CHEM_DRP 24182	28.82 0.38 0.00	27.17 0.51 0.00	22.87 0.63 0.00	23.35 0.80 0.00	24.91 0.84 0.00	26.58 0.66 0.00	29.23 0.56 0.00	33.20 0.66 0.00	34.18 0.59 0.00	30.81 0.49 0.00	30.27 0.41 0.00	35.01 0.38 0.00	38.20 0.33 0.00	37.57 0.30 0.00	38.16 0.58 0.00	25.44 0.51 0.00	28.29 0.70 1.64	31.37 0.65 0.00	28.15 0.65 0.00	29.05 0.56 0.00	34.93 0.78 0.00	26.06 0.58 0.00	23.57 0.56 0.00	22.36 0.58 0.00
BOC_GAS_DRP 24189	28.65 0.20 0.00	27.01 0.35 0.00	22.71 0.48 0.00	23.17 0.63 0.00	24.71 0.65 0.00	26.40 0.47 0.00	29.03 0.36 0.00	32.98 0.44 0.00	34.08 0.49 0.00	30.73 0.41 0.00	30.22 0.36 0.00	34.96 0.33 0.00	38.19 0.32 0.00	37.58 0.31 0.00	38.15 0.57 0.00	25.47 0.55 0.00	27.36 0.68 2.55	31.36 0.64 0.00	28.08 0.57 0.00	28.96 0.47 0.00	34.79 0.64 0.00	25.94 0.47 0.00	23.47 0.46 0.00	22.25 0.47 0.00
BOONVILLE_115KV_TB1 79983	28.95 0.50 0.00	27.00 0.34 0.00	22.50 0.27 0.00	22.71 0.16 0.00	24.15 0.09 0.00	25.98 0.05 0.00	28.79 0.11 0.00	32.78 0.23 0.00	34.37 0.29 -0.48	31.67 0.27 -1.07	30.07 0.21 0.00	34.64 0.02 0.00	37.87 0.00 0.00	37.26 -0.01 0.00	37.62 0.04 0.00	24.88 -0.04 0.00	29.60 0.37 0.00	31.42 0.71 0.00	28.20 0.69 0.00	29.05 0.55 0.00	34.76 0.61 0.00	25.90 0.43 0.00	23.66 0.65 0.00	22.19 0.41 0.00
BORALEX_4TH_BRANCH 23824	29.73 1.29 0.00	28.14 1.48 0.00	23.39 1.16 0.00	23.72 1.18 0.00	25.32 1.26 0.00	27.06 1.13 0.00	29.57 0.90 0.00	33.65 1.11 0.00	34.80 1.20 0.00	31.25 0.93 0.00	30.57 0.71 0.00	35.24 0.61 0.00	38.35 0.47 0.00	37.71 0.44 0.00	38.65 1.07 0.00	25.90 0.98 0.00	27.13 1.13 3.22	31.95 1.23 0.00	28.75 1.25 0.00	29.56 1.07 0.00	35.69 1.54 0.00	26.58 1.10 0.00	24.01 1.00 0.00	22.81 1.03 0.00
BOWLINE___1 23526	29.59 1.15 0.00	27.93 1.27 0.00	23.38 1.15 0.00	23.70 1.15 0.00	25.30 1.24 0.00	27.15 1.22 0.00	29.90 1.23 0.00	34.03 1.48 0.00	35.42 1.82 0.00	31.93 1.60 0.00	31.46 1.61 0.00	36.31 1.68 0.00	39.83 1.95 0.00	39.28 2.01 0.00	39.96 2.38 0.00	26.81 1.87 -0.01	52.91 2.30 -21.38	32.95 2.23 0.00	29.37 1.86 0.00	30.24 1.75 0.00	36.24 2.09 0.00	26.92 1.45 0.00	24.38 1.37 0.00	23.07 1.29 0.00
BOWLINE___2 23595	29.59 1.15 0.00	27.93 1.27 0.00	23.38 1.15 0.00	23.70 1.15 0.00	25.30 1.24 0.00	27.15 1.22 0.00	29.90 1.23 0.00	34.03 1.48 0.00	35.42 1.83 0.00	31.93 1.60 0.00	31.46 1.61 0.00	36.31 1.68 0.00	39.83 1.95 0.00	39.28 2.01 0.00	39.96 2.38 0.00	26.81 1.87 -0.01	52.92 2.30 -21.39	32.95 2.23 0.00	29.37 1.86 0.00	30.24 1.75 0.00	36.24 2.09 0.00	26.93 1.45 0.00	24.38 1.37 0.00	23.07 1.29 0.00
BRADY___115KV_TB2 356060	29.06 0.62 0.00	27.05 0.38 0.00	22.35 0.12 0.00	22.64 0.09 0.00	24.14 0.08 0.00	26.27 0.34 0.00	29.28 0.61 0.00	33.16 0.62 0.00	35.75 0.27 -1.88	34.74 0.26 -4.15	29.81 -0.04 0.00	35.01 0.38 0.00	38.27 0.39 0.00	37.47 0.20 0.00	37.77 0.18 0.00	24.92 -0.01 0.00	29.27 0.04 0.00	31.13 0.41 0.00	27.97 0.47 0.00	28.85 0.35 0.00	34.77 0.62 0.00	25.96 0.48 0.00	23.37 0.36 0.00	21.90 0.12 0.00
BRANSCOMB___SOLAR 323811	29.66 1.21 0.00	27.97 1.31 0.00	23.37 1.14 0.00	23.77 1.23 0.00	25.39 1.33 0.00	27.23 1.30 0.00	29.91 1.24 0.00	34.00 1.45 0.00	35.15 1.55 0.00	31.63 1.30 0.00	31.06 1.21 0.00	35.90 1.27 0.00	39.03 1.15 0.00	38.34 1.07 0.00	39.04 1.46 0.00	26.04 1.12 0.00	28.01 1.41 2.63	32.26 1.55 0.00	29.06 1.56 0.00	29.94 1.45 0.00	35.99 1.83 0.00	26.83 1.36 0.00	24.21 1.20 0.00	22.93 1.15 0.00
BRDGHMPT_69_KV_BK1 55812	29.56 1.12 0.00	27.61 0.94 0.00	23.12 0.88 0.00	23.30 0.75 0.00	25.02 0.95 0.00	26.72 0.79 0.00	29.67 1.00 0.00	34.12 1.57 0.00	35.44 1.85 0.00	31.85 1.53 0.00	31.87 2.02 0.00	36.40 1.78 0.00	40.11 2.23 0.00	39.28 2.21 0.19	39.57 2.70 0.71	27.54 2.61 -0.01	54.86 2.93 -22.69	33.46 2.74 0.00	29.73 2.23 0.00	30.70 2.21 0.00	36.55 2.40 0.00	26.82 1.35 0.00	24.59 1.58 0.00	23.23 1.44 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	29.69 1.25 0.00	27.93 1.27 0.00	23.44 1.20 0.00	23.67 1.12 0.00	25.26 1.20 0.00	27.09 1.16 0.00	29.90 1.23 0.00	34.03 1.49 0.00	35.43 1.83 0.00	31.80 1.48 0.00	31.78 1.92 0.00	36.40 1.78 0.00	40.04 2.17 0.00	39.37 2.26 0.16	39.55 2.57 0.60	27.38 2.44 -0.01	54.53 2.61 -22.69	33.03 2.31 0.00	29.38 1.88 0.00	30.25 1.76 0.00	36.24 2.08 0.00	26.84 1.37 0.00	24.47 1.46 0.00	23.11 1.33 0.00
BRISTLHL_115KV_TB1 79998	27.91 -0.54 0.00	26.19 -0.47 0.00	21.85 -0.38 0.00	22.16 -0.39 0.00	23.64 -0.42 0.00	25.40 -0.52 0.00	28.02 -0.65 0.00	31.79 -0.75 0.00	32.90 -0.70 0.00	29.68 -0.64 0.00	29.19 -0.67 0.00	33.56 -1.06 0.00	36.73 -1.15 0.00	36.28 -0.99 0.00	36.46 -1.12 0.00	24.15 -0.78 0.00	28.52 -0.71 0.00	29.99 -0.72 0.00	26.83 -0.67 0.00	27.89 -0.60 0.00	33.30 -0.85 0.00	24.88 -0.59 0.00	22.49 -0.52 0.00	21.33 -0.46 0.00
BROOKHAVEN___DRP 24191	29.43 0.98 0.00	27.49 0.83 0.00	23.07 0.84 0.00	23.29 0.74 0.00	24.87 0.81 0.00	26.65 0.72 0.00	29.46 0.78 0.00	33.59 1.05 0.00	34.97 1.37 0.00	31.44 1.11 0.00	31.40 1.54 0.00	35.89 1.26 0.00	39.52 1.64 0.00	38.80 1.72 0.19	38.95 2.08 0.72	27.07 2.13 -0.01	54.25 2.33 -22.69	32.74 2.03 0.00	29.09 1.58 0.00	29.96 1.47 0.00	35.83 1.68 0.00	26.50 1.03 0.00	24.19 1.18 0.00	22.82 1.04 0.00
BROOKLYN_NAVY_YARD 23515	29.68 1.24 0.00	28.06 1.40 0.00	23.53 1.29 0.00	23.82 1.27 0.00	25.45 1.39 0.00	27.29 1.36 0.00	30.05 1.38 0.00	34.24 1.69 0.00	35.68 2.09 0.00	32.17 1.84 0.00	31.67 1.82 0.00	36.57 1.94 0.00	40.16 2.29 0.00	39.59 2.32 0.00	40.25 2.67 0.00	27.04 2.11 -0.01	54.48 2.51 -22.73	33.15 2.44 0.00	29.48 1.98 0.01	30.33 1.84 0.01	36.34 2.20 0.01	27.01 1.54 0.00	24.44 1.44 0.01	23.16 1.38 0.00
BROOKLYN___ARMY_DRP 323595	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
BROOME_2_LFGE 323671	28.37 -0.07 0.00	26.66 0.00 0.00	22.35 0.11 0.00	22.65 0.10 0.00	24.20 0.14 0.00	25.99 0.06 0.00	28.74 0.07 0.00	32.56 0.02 0.00	33.73 0.13 0.00	30.37 0.04 0.00	29.88 0.03 0.00	33.75 -0.87 0.00	37.05 -0.82 0.00	36.85 -0.43 -0.01	36.68 -0.90 0.00	24.54 -0.85 -0.46	28.69 -0.54 0.00	30.12 -0.60 0.00	26.84 -0.67 0.00	28.12 -0.37 0.00	33.45 -0.71 0.00	25.11 -0.36 0.00	22.74 -0.27 0.00	21.64 -0.14 0.00
BROOME___LFGE 323600	28.37 -0.07 0.00	26.66 0.00 0.00	22.35 0.11 0.00	22.65 0.10 0.00	24.20 0.14 0.00	25.99 0.06 0.00	28.74 0.07 0.00	32.56 0.02 0.00	33.73 0.13 0.00	30.37 0.04 0.00	29.88 0.03 0.00	33.75 -0.87 0.00	37.05 -0.82 0.00	36.85 -0.43 -0.01	36.68 -0.90 0.00	24.54 -0.85 -0.46	28.69 -0.54 0.00	30.12 -0.60 0.00	26.84 -0.67 0.00	28.12 -0.37 0.00	33.45 -0.71 0.00	25.11 -0.36 0.00	22.74 -0.27 0.00	21.64 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	28.86 0.42 0.00	26.79 0.13 0.00	22.20 -0.03 0.00	22.32 -0.22 0.00	23.65 -0.41 0.00	25.43 -0.49 0.00	28.28 -0.40 0.00	32.24 -0.30 0.00	35.74 -0.33 -2.47	35.52 -0.26 -5.46	29.30 -0.55 0.00	34.15 -0.48 0.00	37.13 -0.75 0.00	36.44 -0.83 0.00	36.64 -0.94 0.00	24.15 -0.77 0.00	28.98 -0.26 0.00	31.14 0.42 0.00	27.82 0.31 0.00	28.45 -0.04 0.00	34.08 -0.07 0.00	25.43 -0.05 0.00	23.48 0.47 0.00	21.84 0.06 0.00
BROWNSV1_27_KV_LOAD 356125	30.04 1.60 0.00	28.36 1.70 0.00	23.74 1.51 0.00	24.04 1.50 0.00	25.68 1.62 0.00	27.55 1.62 0.00	30.38 1.70 0.00	34.63 2.09 0.00	36.09 2.50 0.00	32.55 2.23 0.00	32.07 2.21 0.00	37.00 2.37 0.00	40.62 2.75 0.00	40.04 2.77 0.00	40.73 3.15 0.00	27.36 2.43 -0.01	54.90 2.92 -22.75	33.57 2.86 0.00	29.85 2.35 0.00	30.73 2.24 0.00	36.82 2.67 0.00	27.37 1.89 0.00	24.76 1.75 0.00	23.44 1.66 0.00
BURROWS___LYONSDAL 23803	28.89 0.45 0.00	26.89 0.23 0.00	22.40 0.16 0.00	22.55 0.00 0.00	23.93 -0.13 0.00	25.75 -0.18 0.00	28.55 -0.13 0.00	32.52 -0.03 0.00	34.28 0.03 -0.66	31.82 0.05 -1.45	29.82 -0.04 0.00	34.36 -0.26 0.00	37.55 -0.32 0.00	36.94 -0.33 0.00	37.35 -0.23 0.00	24.68 -0.25 0.00	29.46 0.23 0.00	31.40 0.69 0.00	28.15 0.64 0.00	28.89 0.40 0.00	34.57 0.42 0.00	25.77 0.30 0.00	23.64 0.63 0.00	22.11 0.33 0.00
CAITHNESS_CC_1 323624	29.42 0.97 0.00	27.53 0.86 0.00	23.11 0.87 0.00	23.32 0.78 0.00	24.90 0.83 0.00	26.68 0.76 0.00	29.48 0.81 0.00	33.61 1.07 0.00	34.99 1.40 0.00	31.45 1.12 0.00	31.41 1.55 0.00	35.90 1.28 0.00	39.51 1.64 0.00	38.81 1.74 0.19	38.96 2.10 0.72	27.07 2.13 -0.01	54.25 2.33 -22.69	32.74 2.02 0.00	29.08 1.58 0.00	29.95 1.45 0.00	35.83 1.69 0.00	26.51 1.04 0.00	24.21 1.19 0.00	22.83 1.05 0.00
CALPINE BETH_PAGE_GT4 24209	29.67 1.23 0.00	27.97 1.31 0.00	23.44 1.21 0.00	23.71 1.16 0.00	25.28 1.21 0.00	27.09 1.16 0.00	29.86 1.18 0.00	33.97 1.43 0.00	35.36 1.77 0.00	31.78 1.46 0.00	31.63 1.77 0.00	36.15 1.52 0.00	39.80 1.92 0.00	39.50 2.00 -0.23	40.78 2.33 -0.87	27.09 2.15 -0.01	54.28 2.36 -22.69	32.81 2.09 0.00	29.13 1.63 0.00	30.03 1.54 0.00	35.97 1.81 0.00	26.70 1.22 0.00	24.40 1.39 0.00	23.06 1.28 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.67 1.23 0.00	27.97 1.30 0.00	23.44 1.21 0.00	23.71 1.16 0.00	25.28 1.21 0.00	27.09 1.16 0.00	29.86 1.18 0.00	33.97 1.43 0.00	35.36 1.76 0.00	31.78 1.46 0.00	31.63 1.77 0.00	36.15 1.52 0.00	39.78 1.91 0.00	39.50 2.00 -0.23	40.77 2.32 -0.87	27.08 2.15 -0.01	54.28 2.36 -22.69	32.81 2.09 0.00	29.13 1.63 0.00	30.03 1.54 0.00	35.96 1.81 0.00	26.70 1.22 0.00	24.40 1.39 0.00	23.06 1.28 0.00
CALPINE_BP_GT1 23823	29.67 1.23 0.00	27.97 1.30 0.00	23.44 1.21 0.00	23.71 1.16 0.00	25.28 1.21 0.00	27.09 1.16 0.00	29.86 1.18 0.00	33.97 1.43 0.00	35.36 1.76 0.00	31.78 1.46 0.00	31.63 1.77 0.00	36.15 1.52 0.00	39.78 1.91 0.00	39.50 2.00 -0.23	40.77 2.32 -0.87	27.08 2.15 -0.01	54.28 2.36 -22.69	32.81 2.09 0.00	29.13 1.63 0.00	30.03 1.54 0.00	35.96 1.81 0.00	26.70 1.22 0.00	24.40 1.39 0.00	23.06 1.28 0.00
CALSPAN___DRP 24200	27.85 -0.60 0.00	26.13 -0.53 0.00	21.65 -0.59 0.00	21.91 -0.63 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.14 -0.54 0.00	31.63 -0.92 0.00	32.14 -0.73 0.73	29.16 -0.41 0.76	29.50 -0.36 0.00	33.82 -0.81 0.00	37.17 -0.70 0.00	36.18 -0.37 0.71	34.91 -1.78 0.90	22.18 -1.67 1.06	27.63 -1.60 0.00	29.00 -1.72 0.00	25.92 -1.59 0.00	27.72 -0.77 0.00	32.90 -1.25 0.00	24.80 -0.68 0.00	22.45 -0.56 0.00	21.29 -0.50 0.00

CALVERTON___SOLAR 323806	29.44 0.99 0.00	27.48 0.82 0.00	23.05 0.82 0.00	23.26 0.72 0.00	24.85 0.79 0.00	26.63 0.70 0.00	29.45 0.77 0.00	33.61 1.07 0.00	34.97 1.38 0.00	31.45 1.13 0.00	31.41 1.56 0.00	35.90 1.27 0.00	39.52 1.65 0.00	38.81 1.73 0.19	38.97 2.11 0.71	27.09 2.16 -0.01	54.28 2.36 -22.69	32.79 2.07 0.00	29.13 1.63 0.00	30.01 1.52 0.00	35.89 1.74 0.00	26.52 1.04 0.00	24.21 1.20 0.00	22.83 1.05 0.00
CANDIGU_WT_PWR 323617	27.55 -0.90 0.00	25.87 -0.79 0.00	21.58 -0.66 0.00	21.81 -0.73 0.00	23.35 -0.72 0.00	25.35 -0.58 0.00	28.06 -0.61 0.00	31.69 -0.85 0.00	22.80 -1.00 9.80	19.01 -1.11 10.20	28.93 -0.92 0.00	32.79 -1.84 0.00	36.04 -1.84 0.00	26.18 -1.48 9.60	23.39 -2.08 12.11	7.91 -1.73 15.29	27.68 -1.55 0.00	29.43 -1.28 0.00	26.25 -1.26 0.00	27.48 -1.02 0.00	32.66 -1.49 0.00	24.53 -0.94 0.00	22.08 -0.93 0.00	20.87 -0.91 0.00
CARR STREET_E_SYR 24060	28.23 -0.22 0.00	26.50 -0.16 0.00	22.15 -0.09 0.00	22.46 -0.09 0.00	23.98 -0.09 0.00	25.76 -0.17 0.00	28.43 -0.25 0.00	32.27 -0.27 0.00	33.40 -0.20 0.00	30.12 -0.20 0.00	29.63 -0.22 0.00	33.93 -0.69 0.00	37.17 -0.70 0.00	36.76 -0.50 0.00	36.88 -0.71 0.00	24.36 -0.56 0.00	28.81 -0.42 0.00	30.30 -0.41 0.00	27.10 -0.41 0.00	28.20 -0.29 0.00	33.64 -0.51 0.00	25.15 -0.32 0.00	22.74 -0.27 0.00	21.58 -0.20 0.00
CARTHAGE___PAPER 23857	29.20 0.76 0.00	27.04 0.38 0.00	22.48 0.24 0.00	22.49 -0.06 0.00	23.76 -0.31 0.00	25.59 -0.33 0.00	28.43 -0.24 0.00	32.41 -0.13 0.00	34.69 -0.01 -1.10	32.78 0.03 -2.43	29.59 -0.26 0.00	34.07 -0.56 0.00	37.00 -0.88 0.00	36.26 -1.01 0.00	36.85 -0.73 0.00	24.26 -0.67 0.00	29.55 0.32 0.00	32.03 1.31 0.00	28.49 0.98 0.00	29.04 0.55 0.00	34.69 0.54 0.00	25.88 0.41 0.00	23.94 0.93 0.00	22.19 0.41 0.00
CASSADAGA_WT_PWR 323784	28.40 -0.04 0.00	26.53 -0.13 0.00	21.97 -0.26 0.00	22.18 -0.37 0.00	23.61 -0.46 0.00	25.64 -0.29 0.00	28.55 -0.12 0.00	32.08 -0.46 0.00	33.06 -0.12 0.41	29.82 -0.07 0.42	29.97 0.11 0.00	34.48 -0.14 0.00	37.40 -0.47 0.00	37.23 0.36 0.40	36.29 -0.79 0.50	23.46 -0.90 0.56	28.44 -0.79 0.00	29.98 -0.74 0.00	26.64 -0.86 0.00	27.91 -0.58 0.00	33.39 -0.76 0.00	24.62 -0.86 0.00	22.25 -0.76 0.00	21.16 -0.63 0.00
CE_DUNWOOD___DRP 24194	29.69 1.24 0.00	28.04 1.37 0.00	23.48 1.25 0.00	23.79 1.24 0.00	25.41 1.34 0.00	27.24 1.31 0.00	30.01 1.33 0.00	34.16 1.62 0.00	35.56 1.97 0.00	32.06 1.74 0.00	31.59 1.73 0.00	36.45 1.83 0.00	40.00 2.13 0.00	39.42 2.15 0.00	40.10 2.51 0.00	26.93 1.99 -0.01	54.88 2.42 -23.23	33.06 2.34 0.00	29.44 1.94 0.00	30.30 1.81 0.00	36.32 2.17 0.00	26.99 1.52 0.00	24.44 1.43 0.00	23.13 1.35 0.00
CE_MILLWOOD___DRP 24193	29.65 1.21 0.00	27.99 1.33 0.00	23.44 1.21 0.00	23.76 1.21 0.00	25.37 1.31 0.00	27.20 1.28 0.00	29.96 1.29 0.00	34.12 1.57 0.00	35.51 1.92 0.00	32.01 1.68 0.00	31.54 1.68 0.00	36.39 1.77 0.00	39.93 2.06 0.00	39.35 2.09 0.00	40.02 2.44 0.00	26.88 1.94 -0.01	55.12 2.36 -23.52	33.00 2.28 0.00	29.39 1.89 0.00	30.27 1.78 0.00	36.28 2.13 0.00	26.96 1.49 0.00	24.40 1.39 0.00	23.10 1.32 0.00
CE_NYC2_DRP 24202	29.80 1.36 0.00	28.17 1.50 0.00	23.59 1.36 0.00	23.89 1.34 0.00	25.52 1.46 0.00	27.38 1.45 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.36 2.04 0.00	31.83 1.98 0.00	36.76 2.14 0.00	40.40 2.53 -0.01	39.82 2.55 -0.01	40.50 2.91 -0.01	27.22 2.28 -0.02	54.70 2.73 -22.74	33.32 2.60 0.00	29.63 2.12 0.00	30.46 1.96 0.00	36.53 2.38 0.00	27.16 1.68 0.00	24.58 1.57 0.00	23.28 1.49 0.00
CE_NYC_DRP 24195	29.78 1.33 0.00	28.15 1.48 0.00	23.58 1.34 0.00	23.88 1.34 0.00	25.50 1.44 0.00	27.35 1.43 0.00	30.15 1.48 0.00	34.34 1.80 0.00	35.80 2.21 0.00	32.29 1.96 0.00	31.80 1.95 0.00	36.70 2.08 0.00	40.29 2.41 0.00	39.70 2.44 0.00	40.38 2.80 0.00	27.14 2.21 -0.01	54.64 2.65 -22.75	33.30 2.58 0.00	29.62 2.11 0.00	30.47 1.98 0.00	36.51 2.36 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.26 1.47 0.00
CHAFFEE___LFGE 323603	27.99 -0.45 0.00	26.28 -0.39 0.00	21.78 -0.45 0.00	22.05 -0.49 0.00	23.56 -0.50 0.00	25.57 -0.36 0.00	28.33 -0.35 0.00	31.94 -0.60 0.00	32.66 -0.39 0.54	29.65 -0.11 0.56	29.79 -0.07 0.00	34.15 -0.47 0.00	37.58 -0.29 0.00	36.76 0.02 0.53	35.52 -1.40 0.67	22.70 -1.45 0.77	27.83 -1.40 0.00	29.23 -1.49 0.00	26.11 -1.39 0.00	27.93 -0.57 0.00	33.14 -1.01 0.00	24.97 -0.50 0.00	22.58 -0.43 0.00	21.41 -0.37 0.00
CHATEAUG_35_KV_LOAD 355732	28.59 0.15 0.00	26.62 -0.04 0.00	22.01 -0.23 0.00	22.20 -0.35 0.00	23.62 -0.44 0.00	25.56 -0.37 0.00	28.34 -0.34 0.00	32.15 -0.39 0.00	11.82 -0.81 20.97	-16.53 -0.61 46.25	29.54 -0.32 0.00	34.61 -0.01 0.00	37.81 -0.06 0.00	36.80 -0.47 0.00	37.22 -0.36 0.00	24.70 -0.22 0.00	28.97 -0.26 0.00	30.67 -0.05 0.00	27.53 0.03 0.00	28.42 -0.07 0.00	34.04 -0.11 0.00	25.38 -0.09 0.00	22.86 -0.15 0.00	21.45 -0.33 0.00
CHATEAUG_WT_PWR 323614	28.58 0.14 0.00	26.62 -0.04 0.00	22.02 -0.22 0.00	22.22 -0.32 0.00	23.64 -0.42 0.00	25.54 -0.39 0.00	28.30 -0.38 0.00	32.09 -0.45 0.00	13.55 -0.82 19.22	-12.68 -0.62 42.38	29.52 -0.34 0.00	34.58 -0.04 0.00	37.79 -0.08 0.00	36.80 -0.46 0.00	37.23 -0.35 0.00	24.72 -0.20 0.00	29.00 -0.23 0.00	30.69 -0.03 0.00	27.52 0.02 0.00	28.40 -0.10 0.00	34.00 -0.15 0.00	25.34 -0.14 0.00	22.83 -0.18 0.00	21.41 -0.37 0.00
CHAT_HIGH_FALL_HYD 323578	28.59 0.15 0.00	26.62 -0.04 0.00	22.01 -0.23 0.00	22.20 -0.35 0.00	23.62 -0.44 0.00	25.56 -0.37 0.00	28.34 -0.34 0.00	32.15 -0.39 0.00	11.82 -0.81 20.97	-16.53 -0.61 46.25	29.54 -0.32 0.00	34.61 -0.01 0.00	37.81 -0.06 0.00	36.80 -0.47 0.00	37.22 -0.36 0.00	24.70 -0.22 0.00	28.97 -0.26 0.00	30.67 -0.05 0.00	27.53 0.03 0.00	28.42 -0.07 0.00	34.04 -0.11 0.00	25.38 -0.09 0.00	22.86 -0.15 0.00	21.45 -0.33 0.00
CHAUTAUQUA___LFGE 323629	28.16 -0.28 0.00	26.35 -0.31 0.00	21.86 -0.38 0.00	22.08 -0.46 0.00	23.57 -0.49 0.00	25.57 -0.36 0.00	28.38 -0.29 0.00	31.92 -0.62 0.00	32.63 -0.39 0.58	29.45 -0.27 0.60	29.72 -0.13 0.00	34.13 -0.50 0.00	37.25 -0.63 0.00	36.73 0.02 0.56	35.51 -1.36 0.71	22.82 -1.28 0.83	28.14 -1.10 0.00	29.56 -1.16 0.00	26.31 -1.20 0.00	27.85 -0.64 0.00	33.12 -1.04 0.00	24.72 -0.75 0.00	22.37 -0.64 0.00	21.24 -0.54 0.00
CHERRYST_13_KV_LD 356241	29.85 1.41 0.00	28.22 1.55 0.00	23.64 1.41 0.00	23.94 1.39 0.00	25.57 1.51 0.00	27.43 1.50 0.00	30.25 1.58 0.00	34.47 1.92 0.00	35.92 2.33 0.00	32.41 2.08 0.00	31.92 2.06 0.00	36.84 2.22 0.00	40.44 2.57 0.00	39.85 2.59 0.00	40.53 2.95 0.00	27.23 2.30 -0.01	54.75 2.77 -22.75	33.42 2.70 0.00	29.72 2.21 0.00	30.56 2.07 0.00	36.61 2.46 0.00	27.21 1.73 0.00	24.62 1.61 0.00	23.31 1.53 0.00

CHESTROR_138KV_BK263 355645	29.42 0.97 0.00	27.75 1.08 0.00	23.24 1.01 0.00	23.55 1.01 0.00	25.16 1.09 0.00	26.97 1.05 0.00	29.72 1.04 0.00	33.81 1.26 0.00	35.16 1.57 0.00	31.70 1.38 0.00	31.23 1.38 0.00	36.07 1.45 0.00	39.53 1.66 0.00	38.93 1.66 0.00	39.59 2.00 0.00	26.52 1.59 -0.01	49.34 1.95 -18.15	32.62 1.91 0.00	29.11 1.61 0.00	30.00 1.51 0.00	35.98 1.82 0.00	26.75 1.27 0.00	24.20 1.19 0.00	22.90 1.12 0.00
CH_MIDHUDSON___DRP 24192	29.57 1.13 0.00	27.92 1.26 0.00	23.40 1.16 0.00	23.73 1.18 0.00	25.35 1.29 0.00	27.15 1.22 0.00	29.87 1.20 0.00	34.02 1.48 0.00	35.36 1.77 0.00	31.88 1.55 0.00	31.38 1.53 0.00	36.21 1.59 0.00	39.68 1.80 0.00	39.07 1.80 0.00	39.75 2.17 0.00	26.65 1.72 0.00	38.53 2.10 -7.19	32.77 2.05 0.00	29.27 1.76 0.00	30.16 1.66 0.00	36.17 2.02 0.00	26.89 1.41 0.00	24.31 1.30 0.00	23.01 1.23 0.00
CH_MISC_IPPS 23765	29.75 1.31 0.00	28.07 1.41 0.00	23.52 1.28 0.00	23.84 1.29 0.00	25.46 1.40 0.00	27.30 1.37 0.00	30.06 1.39 0.00	34.24 1.70 0.00	35.61 2.01 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	39.99 2.11 0.00	39.39 2.12 0.00	40.05 2.47 0.00	26.85 1.92 -0.01	43.82 2.35 -12.23	33.03 2.31 0.00	29.48 1.98 0.00	30.39 1.90 0.00	36.44 2.28 0.00	27.08 1.61 0.00	24.48 1.47 0.00	23.15 1.37 0.00
CH_RES_BVR_FALLS 23983	28.32 -0.12 0.00	26.49 -0.17 0.00	22.03 -0.21 0.00	22.22 -0.33 0.00	23.68 -0.39 0.00	25.51 -0.42 0.00	28.27 -0.41 0.00	32.12 -0.42 0.00	32.59 -0.48 0.53	28.80 -0.36 1.16	29.51 -0.34 0.00	34.38 -0.24 0.00	37.59 -0.28 0.00	36.92 -0.35 0.00	37.28 -0.30 0.00	24.69 -0.23 0.00	28.95 -0.28 0.00	30.49 -0.23 0.00	27.32 -0.18 0.00	28.31 -0.18 0.00	33.93 -0.22 0.00	25.26 -0.21 0.00	22.85 -0.16 0.00	21.57 -0.22 0.00
CH_RES_NIAGARA 23895	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.42 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.88 0.00	30.70 -1.94 0.95	27.78 -1.54 0.99	28.38 -1.47 0.00	32.54 -2.09 0.00	35.79 -2.08 0.00	34.43 -1.91 0.93	33.13 -3.28 1.18	20.63 -2.86 1.43	26.16 -3.07 0.00	27.47 -3.25 0.00	24.59 -2.91 0.00	26.58 -1.91 0.00	31.68 -2.47 0.00	23.95 -1.53 0.00	21.69 -1.32 0.00	20.56 -1.22 0.00
CH_RES_SYRACUSE 23985	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.08 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.66 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.18 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
CLINTON_WT_PWR 323605	28.58 0.14 0.00	26.62 -0.04 0.00	22.02 -0.22 0.00	22.22 -0.32 0.00	23.64 -0.42 0.00	25.54 -0.39 0.00	28.30 -0.38 0.00	32.09 -0.45 0.00	13.55 -0.82 19.22	-12.68 -0.62 42.38	29.52 -0.34 0.00	34.58 -0.04 0.00	37.79 -0.08 0.00	36.80 -0.46 0.00	37.23 -0.35 0.00	24.72 -0.20 0.00	29.00 -0.23 0.00	30.69 -0.03 0.00	27.52 0.02 0.00	28.40 -0.10 0.00	34.00 -0.15 0.00	25.34 -0.14 0.00	22.83 -0.18 0.00	21.41 -0.37 0.00
CLINTON___LFGE 323618	28.89 0.45 0.00	26.91 0.25 0.00	22.25 0.01 0.00	22.44 -0.10 0.00	23.89 -0.17 0.00	25.80 -0.12 0.00	28.61 -0.07 0.00	32.65 0.11 0.00	13.06 -0.22 20.31	-14.72 -0.25 44.79	30.12 0.26 0.00	35.25 0.62 0.00	38.48 0.61 0.00	37.31 0.04 0.00	37.75 0.16 0.00	24.97 0.05 0.00	29.39 0.16 0.00	31.14 0.42 0.00	27.99 0.48 0.00	29.04 0.55 0.00	34.78 0.63 0.00	25.91 0.44 0.00	23.28 0.27 0.00	21.80 0.01 0.00
COBBLENY_34_KV_TB1 80064	27.99 -0.45 0.00	26.28 -0.39 0.00	21.78 -0.45 0.00	22.05 -0.49 0.00	23.56 -0.50 0.00	25.58 -0.35 0.00	28.33 -0.35 0.00	31.94 -0.61 0.00	32.65 -0.40 0.54	29.65 -0.12 0.56	29.78 -0.07 0.00	34.15 -0.47 0.00	37.56 -0.31 0.00	36.75 0.01 0.53	35.51 -1.41 0.67	22.70 -1.45 0.77	27.82 -1.41 0.00	29.22 -1.50 0.00	26.11 -1.39 0.00	27.92 -0.58 0.00	33.14 -1.01 0.00	24.97 -0.51 0.00	22.59 -0.41 0.00	21.41 -0.37 0.00
COFFEEN___115KV_TB3 355620	29.30 0.85 0.00	27.14 0.48 0.00	22.50 0.26 0.00	22.57 0.03 0.00	23.85 -0.21 0.00	25.69 -0.24 0.00	28.54 -0.14 0.00	32.52 -0.02 0.00	34.61 0.11 -0.91	32.44 0.11 -2.01	29.82 -0.03 0.00	34.13 -0.50 0.00	36.86 -1.02 0.00	36.00 -1.27 0.00	36.74 -0.84 0.00	24.20 -0.73 0.00	29.80 0.57 0.00	32.43 1.71 0.00	28.58 1.08 0.00	29.29 0.80 0.00	34.94 0.79 0.00	26.09 0.61 0.00	24.06 1.05 0.00	22.29 0.51 0.00
COLDSPRG_115KV_BK1 355956	28.69 0.25 0.00	26.91 0.25 0.00	22.37 0.13 0.00	22.62 0.07 0.00	24.15 0.09 0.00	26.23 0.30 0.00	29.16 0.49 0.00	32.82 0.27 0.00	34.17 0.57 0.00	30.92 0.59 0.00	30.58 0.73 0.00	35.03 0.40 0.00	38.29 0.42 0.00	38.29 1.03 0.00	37.27 -0.31 0.00	24.27 -0.65 0.00	28.83 -0.40 0.00	30.34 -0.37 0.00	26.98 -0.52 0.00	28.47 -0.03 0.00	33.85 -0.30 0.00	25.24 -0.23 0.00	22.90 -0.11 0.00	21.75 -0.04 0.00
COLONIE_LFGE___ 323577	29.17 0.73 0.00	27.55 0.89 0.00	23.04 0.80 0.00	23.45 0.91 0.00	25.03 0.97 0.00	26.78 0.85 0.00	29.39 0.71 0.00	33.42 0.88 0.00	34.51 0.92 0.00	31.06 0.74 0.00	30.49 0.63 0.00	35.22 0.59 0.00	38.36 0.49 0.00	37.73 0.46 0.00	38.47 0.89 0.00	25.69 0.77 0.00	27.39 0.95 2.79	31.71 0.99 0.00	28.48 0.98 0.00	29.34 0.84 0.00	35.30 1.15 0.00	26.31 0.83 0.00	23.78 0.77 0.00	22.56 0.78 0.00
COOPERNY_115KV_TB1 80082	29.09 0.64 0.00	27.41 0.75 0.00	22.96 0.72 0.00	23.28 0.73 0.00	24.85 0.79 0.00	26.65 0.72 0.00	29.38 0.71 0.00	33.45 0.91 0.00	34.76 1.16 0.00	31.34 1.01 0.00	30.90 1.05 0.00	35.76 1.14 0.00	39.18 1.31 0.00	38.58 1.31 0.00	39.07 1.49 0.00	26.10 1.18 -0.01	42.34 1.44 -11.67	32.12 1.40 0.00	28.67 1.17 0.00	29.59 1.10 0.00	35.48 1.33 0.00	26.40 0.92 0.00	23.88 0.87 0.00	22.58 0.80 0.00
COPENHAGEN_WT_PWR 323753	28.94 0.50 0.00	26.76 0.09 0.00	22.15 -0.08 0.00	22.20 -0.34 0.00	23.38 -0.68 0.00	25.17 -0.75 0.00	27.92 -0.76 0.00	31.83 -0.72 0.00	33.88 -0.57 -0.86	31.78 -0.45 -1.90	29.32 -0.53 0.00	33.66 -0.97 0.00	36.51 -1.37 0.00	35.74 -1.53 0.00	36.45 -1.14 0.00	23.99 -0.93 0.00	29.41 0.18 0.00	31.90 1.18 0.00	28.19 0.68 0.00	28.74 0.25 0.00	34.23 0.08 0.00	25.60 0.12 0.00	23.73 0.72 0.00	21.96 0.18 0.00
CORNELL_____ 23752	28.75 0.31 0.00	26.98 0.32 0.00	22.56 0.32 0.00	22.86 0.32 0.00	24.42 0.36 0.00	26.28 0.35 0.00	29.08 0.41 0.00	32.99 0.45 0.00	34.53 0.55 -0.38	31.08 0.35 -0.40	30.08 0.23 0.00	34.04 -0.58 0.00	37.19 -0.68 0.00	37.25 -0.40 -0.38	37.31 -0.75 -0.47	24.96 -0.68 -0.71	28.89 -0.34 0.00	30.37 -0.35 0.00	27.27 -0.24 0.00	28.61 0.12 0.00	34.11 -0.04 0.00	25.53 0.05 0.00	23.05 0.04 0.00	21.91 0.13 0.00

CORONA__69_KV_TB1 355595	29.81 1.37 0.00	28.11 1.45 0.00	23.55 1.32 0.00	23.83 1.28 0.00	25.44 1.37 0.00	27.28 1.35 0.00	30.05 1.37 0.00	34.16 1.62 0.00	35.59 1.99 0.00	32.02 1.69 0.00	31.81 1.95 0.00	36.52 1.89 0.00	40.17 2.30 0.00	42.27 2.40 -2.61	50.15 2.71 -9.86	27.25 2.31 -0.02	54.52 2.60 -22.69	33.12 2.41 0.00	29.46 1.95 0.00	30.34 1.85 0.00	36.35 2.20 0.00	27.01 1.54 0.00	24.56 1.55 0.00	23.21 1.42 0.00
CORTLAND__115KV_TB3 80093	28.59 0.14 0.00	26.85 0.18 0.00	22.45 0.21 0.00	22.76 0.22 0.00	24.30 0.24 0.00	26.12 0.19 0.00	28.89 0.21 0.00	32.79 0.24 0.00	33.95 0.36 0.00	30.55 0.22 0.00	30.04 0.18 0.00	34.07 -0.56 0.00	37.30 -0.57 0.00	36.98 -0.30 -0.01	36.98 -0.60 0.00	24.71 -0.58 -0.37	28.94 -0.30 0.00	30.40 -0.32 0.00	27.23 -0.27 0.00	28.49 0.00 0.00	33.97 -0.19 0.00	25.42 -0.05 0.00	22.98 -0.03 0.00	21.84 0.06 0.00
COXSACKIE__GT 23611	29.71 1.27 0.00	27.94 1.27 0.00	23.46 1.23 0.00	23.95 1.41 0.00	25.56 1.49 0.00	27.32 1.39 0.00	30.06 1.39 0.00	34.34 1.80 0.00	35.22 1.62 0.00	31.71 1.38 0.00	31.21 1.35 0.00	36.08 1.45 0.00	39.11 1.24 0.00	38.62 1.35 0.00	39.20 1.62 0.00	25.98 1.05 0.00	31.64 1.46 -0.95	32.14 1.42 0.00	29.07 1.56 0.00	29.98 1.49 0.00	36.10 1.95 0.00	26.94 1.46 0.00	24.30 1.29 0.00	22.99 1.20 0.00
CPV_VALLEY__CC1 323721	29.19 0.75 0.00	27.53 0.87 0.00	23.07 0.83 0.00	23.39 0.85 0.00	24.97 0.91 0.00	26.78 0.85 0.00	29.49 0.81 0.00	33.54 1.00 0.00	34.87 1.28 0.00	31.44 1.11 0.00	30.97 1.12 0.00	35.80 1.17 0.00	39.23 1.35 0.00	38.64 1.37 0.00	39.26 1.68 0.00	26.31 1.38 -0.01	46.50 1.69 -15.58	32.35 1.63 0.00	28.87 1.36 0.00	29.76 1.26 0.00	35.68 1.53 0.00	26.52 1.05 0.00	24.00 0.99 0.00	22.71 0.93 0.00
CPV_VALLEY__CC2 323722	29.19 0.75 0.00	27.53 0.87 0.00	23.07 0.83 0.00	23.39 0.85 0.00	24.97 0.91 0.00	26.78 0.85 0.00	29.49 0.81 0.00	33.54 1.00 0.00	34.87 1.28 0.00	31.44 1.11 0.00	30.97 1.12 0.00	35.80 1.17 0.00	39.23 1.35 0.00	38.64 1.37 0.00	39.26 1.68 0.00	26.31 1.38 -0.01	46.50 1.69 -15.58	32.35 1.63 0.00	28.87 1.36 0.00	29.76 1.26 0.00	35.68 1.53 0.00	26.52 1.05 0.00	24.00 0.99 0.00	22.71 0.93 0.00
CRESCENT__HYD 24018	29.17 0.73 0.00	27.55 0.89 0.00	23.04 0.80 0.00	23.45 0.91 0.00	25.03 0.97 0.00	26.78 0.85 0.00	29.39 0.71 0.00	33.42 0.88 0.00	34.51 0.92 0.00	31.06 0.74 0.00	30.49 0.63 0.00	35.22 0.59 0.00	38.36 0.49 0.00	37.73 0.46 0.00	38.47 0.89 0.00	25.69 0.77 0.00	27.39 0.95 2.79	31.71 0.99 0.00	28.48 0.98 0.00	29.34 0.84 0.00	35.30 1.15 0.00	26.31 0.83 0.00	23.78 0.77 0.00	22.56 0.00 0.00
CRICKET__VALLEY_CC1 323756	29.31 0.87 0.00	27.70 1.04 0.00	23.20 0.96 0.00	23.53 0.98 0.00	25.15 1.09 0.00	26.92 0.99 0.00	29.53 0.86 0.00	33.59 1.05 0.00	34.89 1.30 0.00	31.41 1.09 0.00	30.89 1.03 0.00	35.61 0.98 0.00	38.96 1.09 0.00	38.35 1.08 0.00	39.10 1.52 0.00	26.26 1.35 0.00	23.84 1.65 7.04	32.30 1.59 0.00	28.89 1.38 0.00	29.76 1.26 0.00	35.70 1.55 0.00	26.55 1.07 0.00	24.01 1.00 0.00	22.76 0.97 0.00
CRICKET__VALLEY_CC2 323757	29.31 0.87 0.00	27.70 1.04 0.00	23.20 0.96 0.00	23.53 0.98 0.00	25.15 1.09 0.00	26.92 0.99 0.00	29.53 0.86 0.00	33.59 1.05 0.00	34.89 1.30 0.00	31.41 1.09 0.00	30.89 1.03 0.00	35.61 0.98 0.00	38.96 1.09 0.00	38.35 1.08 0.00	39.10 1.52 0.00	26.26 1.35 0.00	23.84 1.65 7.04	32.30 1.59 0.00	28.89 1.38 0.00	29.76 1.26 0.00	35.70 1.55 0.00	26.55 1.07 0.00	24.01 1.00 0.00	22.76 0.97 0.00
CRICKET__VALLEY_CC3 323758	29.31 0.87 0.00	27.70 1.04 0.00	23.20 0.96 0.00	23.53 0.98 0.00	25.15 1.09 0.00	26.92 0.99 0.00	29.53 0.86 0.00	33.59 1.05 0.00	34.89 1.30 0.00	31.41 1.09 0.00	30.89 1.03 0.00	35.61 0.98 0.00	38.96 1.09 0.00	38.35 1.08 0.00	39.10 1.52 0.00	26.26 1.35 0.00	23.84 1.65 7.04	32.30 1.59 0.00	28.89 1.38 0.00	29.76 1.26 0.00	35.70 1.55 0.00	26.55 1.07 0.00	24.01 1.00 0.00	22.76 0.97 0.00
CRUCIBLE_METL_DRP 24180	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.09 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.67 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.17 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
DAHOWA__HYDRO 323763	29.80 1.36 0.00	28.10 1.43 0.00	23.48 1.24 0.00	23.87 1.32 0.00	25.51 1.44 0.00	27.36 1.44 0.00	30.07 1.39 0.00	34.18 1.63 0.00	35.34 1.75 0.00	31.80 1.47 0.00	31.25 1.39 0.00	36.08 1.45 0.00	39.19 1.32 0.00	38.52 1.25 0.00	39.22 1.64 0.00	26.16 1.23 0.00	28.18 1.56 2.60	32.44 1.72 0.00	29.24 1.74 0.00	30.13 1.64 0.00	36.19 2.04 0.00	26.99 1.52 0.00	24.35 1.34 0.00	23.06 1.28 0.00
DANC__LFGE 323619	28.60 0.15 0.00	26.59 -0.07 0.00	22.09 -0.14 0.00	22.24 -0.30 0.00	23.55 -0.51 0.00	25.32 -0.61 0.00	28.02 -0.65 0.00	31.89 -0.65 0.00	33.63 -0.55 -0.58	31.14 -0.47 -1.28	29.33 -0.53 0.00	33.68 -0.95 0.00	36.65 -1.22 0.00	35.99 -1.28 0.00	36.48 -1.10 0.00	24.05 -0.87 0.00	29.08 -0.15 0.00	31.22 0.51 0.00	27.71 0.20 0.00	28.47 -0.03 0.00	33.94 -0.21 0.00	25.39 -0.09 0.00	23.31 0.30 0.00	21.77 -0.02 0.00
DANSKAMMER__1 23586	29.75 1.31 0.00	28.07 1.41 0.00	23.52 1.28 0.00	23.84 1.29 0.00	25.46 1.40 0.00	27.30 1.37 0.00	30.06 1.39 0.00	34.24 1.70 0.00	35.61 2.01 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	39.99 2.11 0.00	39.39 2.12 0.00	40.05 2.47 0.00	26.85 1.92 -0.01	43.82 2.35 -12.23	33.03 2.31 0.00	29.48 1.98 0.00	30.39 1.90 0.00	36.44 2.28 0.00	27.08 1.61 0.00	24.48 1.47 0.00	23.15 1.37 0.00
DANSKAMMER__2 23589	29.75 1.31 0.00	28.07 1.41 0.00	23.52 1.28 0.00	23.84 1.29 0.00	25.46 1.40 0.00	27.30 1.37 0.00	30.06 1.39 0.00	34.24 1.70 0.00	35.61 2.01 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	39.99 2.11 0.00	39.39 2.12 0.00	40.05 2.47 0.00	26.85 1.92 -0.01	43.82 2.35 -12.23	33.03 2.31 0.00	29.48 1.98 0.00	30.39 1.90 0.00	36.44 2.28 0.00	27.08 1.61 0.00	24.48 1.47 0.00	23.15 1.37 0.00
DANSKAMMER__3 23590	29.75 1.31 0.00	28.07 1.41 0.00	23.52 1.28 0.00	23.84 1.29 0.00	25.46 1.40 0.00	27.30 1.37 0.00	30.06 1.39 0.00	34.24 1.70 0.00	35.61 2.01 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	39.99 2.11 0.00	39.39 2.12 0.00	40.05 2.47 0.00	26.85 1.92 -0.01	43.82 2.35 -12.23	33.03 2.31 0.00	29.48 1.98 0.00	30.39 1.90 0.00	36.44 2.28 0.00	27.08 1.61 0.00	24.48 1.47 0.00	23.15 1.37 0.00

DANSKAMMER___4 23591	29.75 1.31 0.00	28.07 1.41 0.00	23.52 1.28 0.00	23.84 1.29 0.00	25.46 1.40 0.00	27.30 1.37 0.00	30.06 1.39 0.00	34.24 1.70 0.00	35.61 2.01 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	39.99 2.11 0.00	39.39 2.12 0.00	40.05 2.47 0.00	26.85 1.92 -0.01	43.82 2.35 -12.23	33.03 2.31 0.00	29.48 1.98 0.00	30.39 1.90 0.00	36.44 2.28 0.00	27.08 1.61 0.00	24.48 1.47 0.00	23.15 1.37 0.00
DANSKAMMER___DIESEL 23592	29.75 1.31 0.00	28.07 1.41 0.00	23.51 1.28 0.00	23.84 1.29 0.00	25.46 1.40 0.00	27.29 1.36 0.00	30.07 1.39 0.00	34.24 1.70 0.00	35.61 2.01 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	39.99 2.12 0.00	39.39 2.12 0.00	40.05 2.47 0.00	26.85 1.92 -0.01	43.82 2.35 -12.23	33.03 2.31 0.00	29.48 1.98 0.00	30.39 1.90 0.00	36.44 2.29 0.00	27.08 1.61 0.00	24.48 1.47 0.00	23.15 1.37 0.00
DARBY___SOLAR 323810	29.69 1.25 0.00	28.00 1.34 0.00	23.40 1.16 0.00	23.79 1.25 0.00	25.41 1.35 0.00	27.26 1.33 0.00	29.95 1.27 0.00	34.03 1.49 0.00	35.20 1.60 0.00	31.66 1.34 0.00	31.11 1.26 0.00	35.94 1.32 0.00	39.07 1.19 0.00	38.37 1.11 0.00	39.08 1.50 0.00	26.05 1.13 0.00	28.04 1.44 2.63	32.29 1.58 0.00	29.09 1.59 0.00	29.98 1.49 0.00	36.02 1.87 0.00	26.86 1.38 0.00	24.24 1.23 0.00	22.96 1.18 0.00
DASHVILLE___HYD 23610	29.66 1.22 0.00	27.98 1.32 0.00	23.45 1.22 0.00	23.78 1.24 0.00	25.40 1.33 0.00	27.23 1.30 0.00	29.98 1.31 0.00	34.18 1.64 0.00	35.59 1.99 0.00	32.10 1.77 0.00	31.62 1.76 0.00	36.48 1.85 0.00	40.00 2.13 0.00	39.41 2.14 0.00	40.04 2.46 0.00	26.87 1.94 0.00	41.93 2.42 -10.28	33.02 2.31 0.00	29.46 1.96 0.00	30.36 1.87 0.00	36.39 2.24 0.00	27.04 1.56 0.00	24.44 1.43 0.00	23.12 1.34 0.00
DELAWARE___LFGE 323621	28.90 0.46 0.00	27.20 0.53 0.00	22.82 0.59 0.00	23.14 0.60 0.00	24.70 0.64 0.00	26.44 0.51 0.00	29.22 0.54 0.00	33.20 0.65 0.00	34.49 0.90 0.00	31.16 0.84 0.00	30.73 0.88 0.00	35.76 1.13 0.00	39.15 1.27 0.00	38.44 1.17 0.00	38.60 1.01 0.00	25.81 0.88 0.00	32.05 1.11 -1.70	31.83 1.11 0.00	28.43 0.93 0.00	29.41 0.92 0.00	35.28 1.13 0.00	26.25 0.78 0.00	23.73 0.72 0.00	22.41 0.63 0.00
DERFIELD_115KV_TB7 355931	28.44 0.00 0.00	26.71 0.05 0.00	22.32 0.09 0.00	22.65 0.11 0.00	24.16 0.10 0.00	25.95 0.03 0.00	28.65 -0.02 0.00	32.55 0.00 0.00	33.63 0.03 0.00	30.35 0.03 0.00	29.88 0.02 0.00	34.61 -0.02 0.00	37.84 -0.04 0.00	37.23 -0.04 0.00	37.60 0.02 0.00	24.99 0.07 0.00	29.32 0.09 0.00	30.80 0.08 0.00	27.58 0.08 0.00	28.55 0.06 0.00	34.26 0.11 0.00	25.55 0.08 0.00	23.10 0.09 0.00	21.87 0.09 0.00
DOGLEVILLE___HYD 23807	28.32 -0.12 0.00	26.71 0.05 0.00	22.44 0.21 0.00	22.89 0.34 0.00	24.42 0.36 0.00	26.15 0.22 0.00	28.71 0.04 0.00	32.65 0.11 0.00	33.82 0.23 0.00	30.37 0.05 0.00	29.92 0.07 0.00	34.43 -0.20 0.00	37.18 -0.69 0.00	36.48 -0.79 0.00	36.93 -0.65 0.00	24.88 -0.04 0.00	29.54 0.31 0.00	31.16 0.44 0.00	27.92 0.42 0.00	28.69 0.20 0.00	34.55 0.40 0.00	25.74 0.26 0.00	23.26 0.25 0.00	22.11 0.33 0.00
DUNKIRK__115KV_TB_200 55889	28.12 -0.33 0.00	26.32 -0.34 0.00	21.84 -0.40 0.00	22.07 -0.48 0.00	23.56 -0.50 0.00	25.56 -0.37 0.00	28.36 -0.31 0.00	31.89 -0.65 0.00	32.58 -0.42 0.59	29.41 -0.30 0.62	29.69 -0.16 0.00	34.08 -0.55 0.00	37.22 -0.65 0.00	36.65 -0.04 0.58	35.41 -1.44 0.73	22.74 -1.33 0.85	28.09 -1.15 0.00	29.49 -1.22 0.00	26.25 -1.25 0.00	27.82 -0.67 0.00	33.07 -1.09 0.00	24.73 -0.75 0.00	22.40 -0.61 0.00	21.26 -0.53 0.00
DUNKIRK___1 23563	28.12 -0.33 0.00	26.32 -0.34 0.00	21.84 -0.40 0.00	22.07 -0.48 0.00	23.56 -0.50 0.00	25.56 -0.37 0.00	28.36 -0.31 0.00	31.89 -0.65 0.00	32.58 -0.42 0.59	29.41 -0.30 0.62	29.69 -0.16 0.00	34.08 -0.55 0.00	37.22 -0.65 0.00	36.65 -0.04 0.58	35.41 -1.44 0.73	22.74 -1.33 0.85	28.09 -1.15 0.00	29.49 -1.22 0.00	26.25 -1.25 0.00	27.82 -0.67 0.00	33.07 -1.09 0.00	24.73 -0.75 0.00	22.40 -0.61 0.00	21.26 -0.53 0.00
DUNKIRK___2 23564	28.12 -0.33 0.00	26.32 -0.34 0.00	21.84 -0.40 0.00	22.07 -0.48 0.00	23.56 -0.50 0.00	25.56 -0.37 0.00	28.36 -0.31 0.00	31.89 -0.65 0.00	32.58 -0.42 0.59	29.41 -0.30 0.62	29.69 -0.16 0.00	34.08 -0.55 0.00	37.22 -0.65 0.00	36.65 -0.04 0.58	35.41 -1.44 0.73	22.74 -1.33 0.85	28.09 -1.15 0.00	29.49 -1.22 0.00	26.25 -1.25 0.00	27.82 -0.67 0.00	33.07 -1.09 0.00	24.73 -0.75 0.00	22.40 -0.61 0.00	21.26 -0.53 0.00
DUNKIRK___3 23565	28.00 -0.44 0.00	26.23 -0.43 0.00	21.78 -0.45 0.00	22.02 -0.53 0.00	23.52 -0.54 0.00	25.51 -0.42 0.00	28.29 -0.38 0.00	31.79 -0.75 0.00	32.40 -0.54 0.66	29.27 -0.37 0.68	29.59 -0.27 0.00	33.93 -0.70 0.00	37.15 -0.72 0.00	36.41 -0.22 0.64	35.18 -1.59 0.81	22.50 -1.47 0.95	27.92 -1.32 0.00	29.31 -1.41 0.00	26.11 -1.39 0.00	27.73 -0.76 0.00	32.95 -1.20 0.00	24.71 -0.76 0.00	22.39 -0.62 0.00	21.25 -0.53 0.00
DUNKIRK___4 23566	28.00 -0.44 0.00	26.23 -0.43 0.00	21.78 -0.45 0.00	22.02 -0.53 0.00	23.52 -0.54 0.00	25.51 -0.42 0.00	28.29 -0.38 0.00	31.79 -0.75 0.00	32.40 -0.54 0.66	29.27 -0.37 0.68	29.59 -0.27 0.00	33.93 -0.70 0.00	37.15 -0.72 0.00	36.41 -0.22 0.64	35.18 -1.59 0.81	22.50 -1.47 0.95	27.92 -1.32 0.00	29.31 -1.41 0.00	26.11 -1.39 0.00	27.73 -0.76 0.00	32.95 -1.20 0.00	24.71 -0.76 0.00	22.39 -0.62 0.00	21.25 -0.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.74 1.29 0.00	28.09 1.43 0.00	23.53 1.29 0.00	23.83 1.28 0.00	25.45 1.39 0.00	27.28 1.36 0.00	30.06 1.38 0.00	34.22 1.68 0.00	35.63 2.03 0.00	32.12 1.79 0.00	31.64 1.79 0.00	36.51 1.89 0.00	40.08 2.21 0.00	39.50 2.23 0.00	40.17 2.59 0.00	26.98 2.05 -0.01	54.45 2.48 -22.74	33.11 2.40 0.00	29.48 1.98 0.00	30.34 1.85 0.00	36.36 2.21 0.00	27.03 1.56 0.00	24.47 1.46 0.00	23.17 1.39 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.59 1.15 0.00	27.91 1.25 0.00	23.38 1.14 0.00	23.69 1.15 0.00	25.30 1.24 0.00	27.13 1.21 0.00	29.89 1.22 0.00	34.03 1.49 0.00	35.41 1.82 0.00	31.92 1.60 0.00	31.45 1.59 0.00	36.30 1.68 0.00	39.80 1.92 0.00	39.20 1.93 0.00	39.86 2.28 0.00	26.71 1.78 -0.01	45.62 2.19 -14.20	32.86 2.14 0.00	29.33 1.82 0.00	30.23 1.74 0.00	36.23 2.08 0.00	26.94 1.46 0.00	24.36 1.35 0.00	23.04 1.26 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.71 1.27 0.00	28.05 1.39 0.00	23.52 1.28 0.00	23.81 1.26 0.00	25.43 1.37 0.00	27.28 1.35 0.00	30.14 1.46 -0.01	34.34 1.79 0.00	35.78 2.18 0.00	32.27 1.94 0.00	31.76 1.91 0.00	36.63 2.01 0.00	40.22 2.34 -0.01	39.64 2.36 -0.01	40.33 2.74 -0.01	27.10 2.16 -0.02	54.59 2.62 -22.74	33.22 2.50 0.00	29.60 2.10 0.00	30.46 1.96 0.00	36.58 2.43 0.00	27.18 1.70 0.00	24.58 1.57 0.00	23.28 1.50 0.00

E179THST_13_KV_LOAD 356214	29.84 1.40 0.00	28.17 1.50 0.00	23.61 1.38 0.00	23.90 1.35 0.00	25.53 1.47 0.00	27.38 1.46 0.00	30.27 1.59 -0.01	34.48 1.94 0.00	35.94 2.34 0.00	32.42 2.09 0.00	31.91 2.05 0.00	36.80 2.17 0.00	40.41 2.53 -0.01	39.82 2.55 -0.01	40.51 2.92 -0.01	27.22 2.28 -0.02	54.73 2.77 -22.74	33.37 2.66 0.00	29.74 2.24 0.00	30.60 2.10 0.00	36.75 2.60 0.00	27.30 1.83 0.00	24.69 1.68 0.00	23.38 1.59 0.00
EAST HAMPTON___GT 23717	29.35 0.91 0.00	27.45 0.79 0.00	22.95 0.71 0.00	23.08 0.53 0.00	24.91 0.85 0.00	26.52 0.59 0.00	29.56 0.88 0.00	34.22 1.68 0.00	35.45 1.86 0.00	31.80 1.47 0.00	31.87 2.01 0.00	36.39 1.76 0.00	40.10 2.23 0.00	39.20 2.12 0.19	39.60 2.73 0.71	27.60 2.67 -0.01	54.97 3.05 -22.69	33.65 2.93 0.00	29.91 2.41 0.00	30.94 2.45 0.00	36.70 2.55 0.00	26.77 1.30 0.00	24.68 1.68 0.00	23.31 1.53 0.00
EAST RIVER___6 23660	29.77 1.32 0.00	28.14 1.47 0.00	23.58 1.34 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.42 0.00	30.15 1.48 0.00	34.33 1.79 0.00	35.78 2.19 0.00	32.28 1.96 0.00	31.79 1.94 0.00	36.69 2.07 0.00	40.27 2.40 0.00	39.68 2.42 0.00	40.37 2.79 0.00	27.13 2.20 -0.01	54.63 2.64 -22.75	33.28 2.56 0.00	29.62 2.11 0.00	30.47 1.98 0.00	36.50 2.35 0.00	27.13 1.65 0.00	24.56 1.55 0.00	23.25 1.47 0.00
EAST RIVER___7 23524	29.77 1.32 0.00	28.14 1.47 0.00	23.58 1.34 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.42 0.00	30.15 1.48 0.00	34.33 1.79 0.00	35.78 2.19 0.00	32.28 1.96 0.00	31.79 1.94 0.00	36.69 2.07 0.00	40.27 2.40 0.00	39.68 2.42 0.00	40.37 2.79 0.00	27.13 2.20 -0.01	54.63 2.64 -22.75	33.28 2.56 0.00	29.62 2.11 0.00	30.47 1.98 0.00	36.50 2.35 0.00	27.13 1.65 0.00	24.56 1.55 0.00	23.25 1.47 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.69 1.24 0.00	28.04 1.37 0.00	23.48 1.25 0.00	23.79 1.24 0.00	25.41 1.34 0.00	27.24 1.31 0.00	30.01 1.33 0.00	34.16 1.62 0.00	35.56 1.97 0.00	32.06 1.74 0.00	31.59 1.73 0.00	36.45 1.83 0.00	40.00 2.13 0.00	39.42 2.15 0.00	40.10 2.51 0.00	26.93 1.99 -0.01	54.88 2.42 -23.23	33.06 2.34 0.00	29.44 1.94 0.00	30.30 1.81 0.00	36.32 2.17 0.00	26.99 1.52 0.00	24.44 1.43 0.00	23.13 1.35 0.00
EAST_HAMPTON___DIESEL 23722	29.29 0.85 0.00	27.41 0.75 0.00	22.91 0.68 0.00	23.04 0.49 0.00	24.88 0.82 0.00	26.47 0.54 0.00	29.51 0.84 0.00	34.20 1.65 0.00	35.42 1.82 0.00	31.75 1.43 0.00	31.82 1.97 0.00	36.35 1.72 0.00	40.05 2.18 0.00	39.14 2.07 0.19	39.55 2.68 0.71	27.58 2.65 -0.01	54.95 3.03 -22.69	33.63 2.91 0.00	29.90 2.39 0.00	30.94 2.45 0.00	36.67 2.53 0.00	26.74 1.27 0.00	24.67 1.66 0.00	23.29 1.51 0.00
EAST_POINT___SOLAR 323840	29.92 1.47 0.00	27.89 1.23 0.00	23.29 1.05 0.00	23.46 0.91 0.00	25.12 1.06 0.00	27.01 1.08 0.00	30.15 1.48 0.00	34.30 1.76 0.00	35.18 1.58 0.00	31.86 1.54 0.00	31.49 1.64 0.00	36.33 1.70 0.00	38.57 0.69 0.00	37.72 0.46 0.00	38.22 0.64 0.00	25.31 0.39 0.00	28.59 1.19 1.84	32.42 1.71 0.00	28.76 1.25 0.00	30.09 1.60 0.00	36.28 2.13 0.00	27.02 1.54 0.00	24.17 1.16 0.00	22.80 1.02 0.00
EAST_PULASKI___ESR 323781	28.26 -0.19 0.00	26.43 -0.23 0.00	22.02 -0.21 0.00	22.27 -0.27 0.00	23.70 -0.36 0.00	25.45 -0.48 0.00	28.12 -0.55 0.00	31.95 -0.60 0.00	33.07 -0.53 0.00	29.84 -0.48 0.00	29.33 -0.52 0.00	33.71 -0.92 0.00	36.79 -1.09 0.00	36.24 -1.03 0.00	36.55 -1.04 0.00	24.12 -0.80 0.00	28.79 -0.44 0.00	30.57 -0.15 0.00	27.25 -0.26 0.00	28.20 -0.30 0.00	33.67 -0.48 0.00	25.18 -0.30 0.00	22.89 -0.12 0.00	21.57 -0.21 0.00
EAST_RIVER___1 323558	29.78 1.33 0.00	28.15 1.48 0.00	23.58 1.35 0.00	23.88 1.34 0.00	25.51 1.44 0.00	27.35 1.43 0.00	30.15 1.48 0.00	34.34 1.80 0.00	35.79 2.20 0.00	32.29 1.96 0.00	31.80 1.95 0.00	36.70 2.08 0.00	40.28 2.41 0.00	39.71 2.44 0.00	40.38 2.80 0.00	27.14 2.21 -0.01	54.64 2.66 -22.75	33.29 2.58 0.00	29.62 2.12 0.00	30.47 1.98 0.00	36.51 2.36 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.26 1.47 0.00
EAST_RIVER___2 323559	29.77 1.32 0.00	28.14 1.47 0.00	23.58 1.34 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.42 0.00	30.15 1.48 0.00	34.33 1.79 0.00	35.78 2.19 0.00	32.28 1.96 0.00	31.79 1.94 0.00	36.69 2.07 0.00	40.27 2.40 0.00	39.68 2.42 0.00	40.37 2.79 0.00	27.13 2.20 -0.01	54.63 2.64 -22.75	33.28 2.56 0.00	29.62 2.11 0.00	30.47 1.98 0.00	36.50 2.35 0.00	27.13 1.65 0.00	24.56 1.55 0.00	23.25 1.47 0.00
EAST___DELAWARE_HYD 23607	28.93 0.48 0.00	27.27 0.61 0.00	22.84 0.60 0.00	23.14 0.60 0.00	24.71 0.65 0.00	26.51 0.58 0.00	29.25 0.57 0.00	33.44 0.89 0.00	34.85 1.25 0.00	31.42 1.09 0.00	30.85 1.00 0.00	35.64 1.01 0.00	39.04 1.17 0.00	38.37 1.11 0.00	39.02 1.44 0.00	26.15 1.22 -0.01	42.69 1.53 -11.93	32.20 1.48 0.00	28.73 1.23 0.00	29.63 1.14 0.00	35.53 1.38 0.00	26.39 0.92 0.00	23.85 0.84 0.00	22.53 0.75 0.00
EIGHT_POINT___WT_PWR 323820	27.41 -1.03 0.00	25.81 -0.85 0.00	21.48 -0.75 0.00	21.67 -0.88 0.00	23.22 -0.84 0.00	25.36 -0.57 0.00	28.10 -0.57 0.00	31.78 -0.76 0.00	36.90 -0.98 -4.28	33.67 -1.11 -4.46	28.96 -0.90 0.00	32.84 -1.79 0.00	36.06 -1.81 0.00	40.02 -1.45 -4.20	40.89 -1.98 -5.29	30.07 -1.64 -6.79	27.75 -1.48 0.00	29.68 -1.04 0.00	26.54 -0.97 0.00	27.67 -0.82 0.00	32.78 -1.37 0.00	24.62 -0.86 0.00	22.17 -0.84 0.00	20.87 -0.92 0.00
ELBRIDGE_115KV_TB2 80188	28.04 -0.41 0.00	26.32 -0.34 0.00	21.98 -0.26 0.00	22.28 -0.26 0.00	23.79 -0.27 0.00	25.58 -0.35 0.00	28.21 -0.46 0.00	31.99 -0.55 0.00	33.09 -0.51 0.00	29.84 -0.49 0.00	29.31 -0.55 0.00	33.70 -0.92 0.00	36.90 -0.97 0.00	36.47 -0.80 0.00	36.58 -1.00 0.00	24.18 -0.74 0.00	28.54 -0.69 0.00	30.04 -0.67 0.00	26.90 -0.60 0.00	28.00 -0.49 0.00	33.42 -0.73 0.00	24.99 -0.49 0.00	22.58 -0.43 0.00	21.42 -0.36 0.00
ELEC_TRO_TEK 24086	29.65 1.20 0.00	27.96 1.30 0.00	23.44 1.20 0.00	23.71 1.17 0.00	25.31 1.24 0.00	27.14 1.21 0.00	29.90 1.23 0.00	34.01 1.47 0.00	35.42 1.82 0.00	31.87 1.54 0.00	31.66 1.80 0.00	36.32 1.70 0.00	39.97 2.10 0.00	40.11 2.17 -0.67	42.61 2.50 -2.53	27.12 2.19 -0.01	54.37 2.44 -22.69	32.96 2.24 0.00	29.30 1.80 0.00	30.18 1.69 0.00	36.15 2.00 0.00	26.85 1.37 0.00	24.42 1.41 0.00	23.07 1.28 0.00
ELLENBURG_WT_PWR 323604	28.58 0.14 0.00	26.62 -0.04 0.00	22.02 -0.22 0.00	22.22 -0.32 0.00	23.64 -0.42 0.00	25.54 -0.39 0.00	28.30 -0.38 0.00	32.09 -0.45 0.00	13.55 -0.82 19.22	-12.68 -0.62 42.38	29.52 -0.34 0.00	34.58 -0.04 0.00	37.79 -0.08 0.00	36.80 -0.46 0.00	37.23 -0.35 0.00	24.72 -0.20 0.00	29.00 -0.23 0.00	30.69 -0.03 0.00	27.52 0.02 0.00	28.40 -0.10 0.00	34.00 -0.15 0.00	25.34 -0.14 0.00	22.83 -0.18 0.00	21.41 -0.37 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.72 -0.73 0.00	26.02 -0.64 0.00	21.55 -0.69 0.00	21.82 -0.73 0.00	23.30 -0.77 0.00	25.29 -0.64 0.00	28.00 -0.67 0.00	31.46 -1.09 0.00	31.83 -0.95 0.81	28.84 -0.64 0.85	29.28 -0.58 0.00	33.57 -1.05 0.00	36.90 -0.97 0.00	35.81 -0.66 0.79	34.54 -2.04 1.00	21.85 -1.87 1.20	27.38 -1.85 0.00	28.74 -1.97 0.00	25.69 -1.82 0.00	27.50 -1.00 0.00	32.65 -1.50 0.00	24.61 -0.87 0.00	22.29 -0.72 0.00	21.14 -0.65 0.00
EMPIRE_CC_1 323656	28.49 0.05 0.00	26.94 0.28 0.00	22.66 0.43 0.00	23.29 0.74 0.00	24.81 0.75 0.00	26.48 0.55 0.00	29.03 0.36 0.00	33.02 0.48 0.00	34.06 0.47 0.00	30.66 0.34 0.00	30.09 0.24 0.00	34.76 0.13 0.00	37.89 0.01 0.00	37.24 -0.03 0.00	38.02 0.44 0.00	25.44 0.52 0.00	26.17 0.61 3.68	31.30 0.58 0.00	28.08 0.57 0.00	28.90 0.41 0.00	34.78 0.63 0.00	25.92 0.45 0.00	23.47 0.46 0.00	22.30 0.52 0.00
EMPIRE_CC_2 323658	28.49 0.05 0.00	26.94 0.28 0.00	22.66 0.43 0.00	23.29 0.74 0.00	24.81 0.75 0.00	26.48 0.55 0.00	29.03 0.36 0.00	33.02 0.48 0.00	34.06 0.47 0.00	30.66 0.34 0.00	30.09 0.24 0.00	34.76 0.13 0.00	37.89 0.01 0.00	37.24 -0.03 0.00	38.02 0.44 0.00	25.44 0.52 0.00	26.17 0.61 3.68	31.30 0.58 0.00	28.08 0.57 0.00	28.90 0.41 0.00	34.78 0.63 0.00	25.92 0.45 0.00	23.47 0.46 0.00	22.30 0.52 0.00
ENORWICH_115KV_TB1 80156	29.27 0.82 0.00	27.35 0.69 0.00	22.79 0.56 0.00	23.07 0.53 0.00	24.58 0.52 0.00	26.56 0.63 0.00	29.65 0.98 0.00	33.95 1.41 0.00	35.73 1.90 -0.23	32.10 1.54 -0.24	31.34 1.49 0.00	35.50 0.88 0.00	38.80 0.93 0.00	38.61 1.11 -0.23	38.23 0.36 -0.29	25.61 0.19 -0.49	30.86 0.95 -0.68	31.65 0.93 0.00	28.36 0.85 0.00	29.80 1.31 0.00	35.61 1.46 0.00	26.42 0.95 0.00	23.88 0.87 0.00	22.82 1.04 0.00
ERIE_ST__34_KV_TB1-2 80199	28.07 -0.37 0.00	26.33 -0.33 0.00	21.83 -0.41 0.00	22.10 -0.45 0.00	23.61 -0.45 0.00	25.63 -0.30 0.00	28.40 -0.28 0.00	31.95 -0.60 0.00	32.51 -0.40 0.69	29.49 -0.12 0.72	29.75 -0.11 0.00	34.08 -0.55 0.00	37.51 -0.36 0.00	36.56 -0.04 0.67	35.31 -1.42 0.85	22.45 -1.47 1.00	27.92 -1.31 0.00	29.32 -1.39 0.00	26.20 -1.31 0.00	27.97 -0.52 0.00	33.18 -0.97 0.00	25.00 -0.48 0.00	22.64 -0.37 0.00	21.46 -0.32 0.00
ERIE_WT_PWR 323693	27.87 -0.57 0.00	26.15 -0.51 0.00	21.66 -0.58 0.00	21.93 -0.62 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.15 -0.52 0.00	31.65 -0.90 0.00	32.15 -0.72 0.73	29.17 -0.39 0.76	29.50 -0.36 0.00	33.84 -0.79 0.00	37.19 -0.68 0.00	36.19 -0.37 0.71	34.94 -1.74 0.90	22.20 -1.66 1.06	27.66 -1.57 0.00	29.02 -1.70 0.00	25.94 -1.57 0.00	27.75 -0.74 0.00	32.91 -1.24 0.00	24.82 -0.66 0.00	22.44 -0.57 0.00	21.30 -0.48 0.00
ESPRGFLD_115KV_TB1 80157	29.36 0.91 0.00	27.41 0.75 0.00	22.87 0.64 0.00	23.04 0.49 0.00	24.60 0.54 0.00	26.47 0.55 0.00	29.53 0.85 0.00	33.64 1.10 0.00	34.81 1.21 0.00	31.54 1.22 0.00	31.23 1.37 0.00	36.30 1.67 0.00	39.68 1.81 0.00	38.94 1.68 0.00	38.96 1.38 0.00	25.70 0.78 0.00	29.67 1.09 0.65	31.99 1.28 0.00	28.51 1.00 0.00	29.70 1.20 0.00	35.56 1.41 0.00	26.46 0.98 0.00	23.78 0.77 0.00	22.47 0.68 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.69 0.25 0.00	26.94 0.27 0.00	22.52 0.28 0.00	22.82 0.27 0.00	24.38 0.31 0.00	26.22 0.30 0.00	29.02 0.35 0.00	32.93 0.39 0.00	34.47 0.49 -0.38	31.03 0.30 -0.40	30.06 0.20 0.00	34.03 -0.59 0.00	37.19 -0.68 0.00	37.25 -0.40 -0.38	37.31 -0.75 -0.47	24.96 -0.68 -0.71	28.88 -0.35 0.00	30.37 -0.35 0.00	27.25 -0.26 0.00	28.57 0.08 0.00	34.07 -0.08 0.00	25.50 0.02 0.00	23.03 0.02 0.00	21.89 0.11 0.00
ETNA_____115KV_TB2 80207	28.69 0.25 0.00	26.94 0.27 0.00	22.52 0.28 0.00	22.82 0.27 0.00	24.38 0.31 0.00	26.22 0.30 0.00	29.02 0.35 0.00	32.93 0.39 0.00	34.47 0.49 -0.38	31.03 0.30 -0.40	30.06 0.20 0.00	34.03 -0.59 0.00	37.19 -0.68 0.00	37.25 -0.40 -0.38	37.31 -0.75 -0.47	24.96 -0.68 -0.71	28.88 -0.35 0.00	30.37 -0.35 0.00	27.25 -0.26 0.00	28.57 0.08 0.00	34.07 -0.08 0.00	25.50 0.02 0.00	23.03 0.02 0.00	21.89 0.11 0.00
EUCLID___115KV_TB2 356179	28.14 -0.30 0.00	26.43 -0.24 0.00	22.07 -0.17 0.00	22.38 -0.17 0.00	23.89 -0.18 0.00	25.66 -0.26 0.00	28.33 -0.35 0.00	32.15 -0.40 0.00	33.25 -0.34 0.00	30.00 -0.32 0.00	29.51 -0.34 0.00	33.88 -0.74 0.00	37.09 -0.79 0.00	36.66 -0.61 0.00	36.79 -0.79 0.00	24.33 -0.60 0.00	28.73 -0.50 0.00	30.23 -0.48 0.00	27.04 -0.46 0.00	28.13 -0.36 0.00	33.57 -0.58 0.00	25.10 -0.38 0.00	22.69 -0.32 0.00	21.52 -0.26 0.00
E_CANADA_CAP_HY 24051	29.66 1.22 0.00	27.67 1.01 0.00	23.02 0.78 0.00	23.17 0.62 0.00	24.74 0.68 0.00	26.67 0.74 0.00	29.75 1.07 0.00	33.86 1.31 0.00	34.85 1.26 0.00	31.61 1.28 0.00	31.30 1.44 0.00	36.33 1.70 0.00	39.42 1.55 0.00	38.58 1.31 0.00	38.78 1.20 0.00	25.49 0.57 1.54	28.65 0.96 0.00	32.03 1.32 0.00	28.57 1.07 0.00	29.78 1.28 0.00	35.72 1.57 0.00	26.58 1.10 0.00	23.83 0.82 0.00	22.53 0.75 0.00
E_CANADA_MHWK_HY 24050	28.32 -0.12 0.00	26.71 0.05 0.00	22.44 0.21 0.00	22.89 0.34 0.00	24.42 0.36 0.00	26.15 0.22 0.00	28.71 0.04 0.00	32.65 0.11 0.00	33.82 0.23 0.00	30.37 0.04 0.00	29.92 0.07 0.00	34.43 -0.20 0.00	37.18 -0.70 0.00	36.48 -0.79 0.00	36.93 -0.65 0.00	24.88 -0.04 0.00	29.54 0.31 0.00	31.16 0.44 0.00	27.92 0.42 0.00	28.70 0.20 0.00	34.55 0.40 0.00	25.74 0.26 0.00	23.26 0.25 0.00	22.11 0.33 0.00
E_FISHKILL___LBMP 23776	29.44 1.00 0.00	27.81 1.14 0.00	23.30 1.06 0.00	23.63 1.08 0.00	25.24 1.17 0.00	27.03 1.10 0.00	29.74 1.07 0.00	33.84 1.30 0.00	35.19 1.59 0.00	31.71 1.38 0.00	31.22 1.37 0.00	36.03 1.41 0.00	39.49 1.61 0.00	38.89 1.62 0.00	39.57 1.99 0.00	26.56 1.63 -0.01	49.24 1.98 -18.03	32.63 1.91 0.00	29.12 1.61 0.00	29.98 1.49 0.00	35.96 1.81 0.00	26.74 1.26 0.00	24.19 1.18 0.00	22.91 1.13 0.00
FALCON___SEABRD_CC1 323796	28.86 0.42 0.00	26.89 0.23 0.00	22.23 0.00 0.00	22.43 -0.12 0.00	23.87 -0.19 0.00	25.76 -0.17 0.00	28.52 -0.15 0.00	32.37 -0.18 0.00	13.70 -0.54 19.35	-12.77 -0.42 42.67	29.76 -0.10 0.00	34.85 0.23 0.00	38.12 0.25 0.00	37.15 -0.12 0.00	37.59 0.01 0.00	24.97 0.04 0.00	29.29 0.05 0.00	31.05 0.33 0.00	27.84 0.34 0.00	28.70 0.21 0.00	34.32 0.17 0.00	25.63 0.15 0.00	23.06 0.06 0.00	21.62 -0.16 0.00
FALCON___SEABRD_CC2 323797	28.86 0.42 0.00	26.89 0.23 0.00	22.23 0.00 0.00	22.43 -0.12 0.00	23.87 -0.19 0.00	25.76 -0.17 0.00	28.52 -0.15 0.00	32.37 -0.18 0.00	13.70 -0.54 19.35	-12.77 -0.42 42.67	29.76 -0.10 0.00	34.85 0.23 0.00	38.12 0.25 0.00	37.15 -0.12 0.00	37.59 0.01 0.00	24.97 0.04 0.00	29.29 0.05 0.00	31.05 0.33 0.00	27.84 0.34 0.00	28.70 0.21 0.00	34.32 0.17 0.00	25.63 0.15 0.00	23.06 0.06 0.00	21.62 -0.16 0.00

FAR ROCKAWAY___4 23548	29.99 1.55 0.00	28.27 1.61 0.00	23.68 1.44 0.00	23.96 1.41 0.00	25.57 1.51 0.00	27.44 1.51 0.00	30.23 1.56 0.00	34.38 1.84 0.00	35.83 2.23 0.00	32.23 1.91 0.00	32.04 2.19 0.00	36.78 2.15 0.00	40.47 2.60 0.00	42.76 2.70 -2.80	51.16 3.01 -10.57	27.45 2.51 -0.02	54.75 2.83 -22.69	33.37 2.65 0.00	29.67 2.17 0.00	30.57 2.08 0.00	36.61 2.46 0.00	27.20 1.72 0.00	24.73 1.72 0.00	23.35 1.57 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.88 1.43 0.00	28.14 1.48 0.00	23.56 1.33 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.12 1.45 0.00	34.32 1.78 0.00	35.77 2.17 0.00	32.26 1.93 0.00	31.77 1.91 0.00	36.66 2.04 0.00	40.25 2.38 0.00	39.68 2.41 0.00	40.41 2.83 0.00	27.16 2.22 -0.01	54.65 2.67 -22.75	33.32 2.60 0.00	29.63 2.12 0.00	30.48 1.99 0.00	36.53 2.38 0.00	27.15 1.67 0.00	24.56 1.55 0.00	23.27 1.48 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.80 1.36 0.00	28.17 1.51 0.00	23.60 1.36 0.00	23.90 1.35 0.00	25.53 1.46 0.00	27.37 1.44 0.00	30.17 1.50 0.00	34.37 1.83 0.00	35.83 2.23 0.00	32.31 1.99 0.00	31.82 1.97 0.00	36.73 2.10 0.00	40.32 2.44 0.00	39.73 2.46 0.00	40.42 2.83 0.00	27.16 2.22 -0.01	54.66 2.68 -22.75	33.32 2.61 0.00	29.64 2.13 0.00	30.49 2.00 0.00	36.54 2.39 0.00	27.15 1.68 0.00	24.58 1.57 0.00	23.27 1.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.77 1.33 0.00	28.14 1.48 0.00	23.58 1.34 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.35 1.42 0.00	30.15 1.47 0.00	34.35 1.81 0.00	35.80 2.21 0.00	32.29 1.96 0.00	31.80 1.95 0.00	36.70 2.08 0.00	40.29 2.41 0.00	39.70 2.44 0.00	40.39 2.81 0.00	27.14 2.21 -0.01	54.63 2.65 -22.75	33.30 2.58 0.00	29.61 2.11 0.00	30.46 1.97 0.00	36.50 2.35 0.00	27.12 1.65 0.00	24.55 1.55 0.00	23.25 1.47 0.00
FARRAGUT___LBMP 323566	29.75 1.30 0.00	28.12 1.46 0.00	23.56 1.33 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.12 1.45 0.00	34.32 1.78 0.00	35.77 2.17 0.00	32.26 1.93 0.00	31.77 1.91 0.00	36.66 2.04 0.00	40.25 2.38 0.00	39.67 2.40 0.00	40.35 2.77 0.00	27.12 2.18 -0.01	54.61 2.63 -22.75	33.26 2.55 0.00	29.59 2.08 0.00	30.44 1.95 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.24 1.45 0.00
FENNER___WINDPWR 24204	28.79 0.35 0.00	26.98 0.31 0.00	22.50 0.26 0.00	22.81 0.26 0.00	24.30 0.24 0.00	26.16 0.24 0.00	28.96 0.28 0.00	32.93 0.39 0.00	34.10 0.51 0.00	30.71 0.39 0.00	30.23 0.37 0.00	34.62 -0.01 0.00	37.84 -0.03 0.00	37.34 0.07 0.00	37.55 -0.03 0.00	24.78 -0.14 0.00	29.36 0.13 0.00	30.92 0.20 0.00	27.80 0.29 0.00	28.97 0.48 0.00	34.56 0.41 0.00	25.78 0.31 0.00	23.36 0.35 0.00	22.11 0.33 0.00
FIBERTEK___ENERGY 23856	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.09 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.67 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.17 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
FITZPATRICK___ 23598	27.68 -0.77 0.00	25.98 -0.68 0.00	21.69 -0.55 0.00	21.99 -0.56 0.00	23.46 -0.60 0.00	25.21 -0.71 0.00	27.78 -0.89 0.00	31.52 -1.02 0.00	32.58 -1.02 0.00	29.40 -0.93 0.00	28.92 -0.93 0.00	33.35 -1.27 0.00	36.50 -1.37 0.00	36.01 -1.25 0.00	36.17 -1.41 0.00	23.92 -1.00 0.00	28.17 -1.07 0.00	29.62 -1.10 0.00	26.52 -0.98 0.00	27.57 -0.93 0.00	32.95 -1.20 0.00	24.63 -0.85 0.00	22.28 -0.73 0.00	21.14 -0.65 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.80 1.36 0.00	28.12 1.45 0.00	23.55 1.31 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.41 0.00	30.11 1.44 0.00	34.30 1.76 0.00	35.68 2.08 0.00	32.17 1.85 0.00	31.69 1.83 0.00	36.56 1.93 0.00	40.07 2.19 0.00	39.47 2.21 0.00	40.13 2.54 0.00	26.90 1.97 -0.01	44.24 2.42 -12.59	33.10 2.39 0.00	29.55 2.04 0.00	30.46 1.96 0.00	36.52 2.36 0.00	27.14 1.66 0.00	24.53 1.52 0.00	23.20 1.41 0.00
FORT ORANGE___ 23900	28.78 0.33 0.00	27.12 0.46 0.00	22.83 0.59 0.00	23.34 0.80 0.00	24.89 0.83 0.00	26.57 0.64 0.00	29.20 0.53 0.00	33.20 0.66 0.00	34.09 0.50 0.00	30.71 0.39 0.00	30.17 0.31 0.00	34.90 0.27 0.00	38.00 0.13 0.00	37.45 0.19 0.00	38.13 0.54 0.00	25.44 0.52 0.00	27.63 0.68 2.29	31.36 0.64 0.00	28.12 0.61 0.00	28.95 0.46 0.00	34.84 0.69 0.00	26.01 0.54 0.00	23.55 0.54 0.00	22.35 0.56 0.00
FORT_DRUM_COGEN 23780	29.15 0.70 0.00	26.99 0.32 0.00	22.37 0.14 0.00	22.44 -0.11 0.00	23.69 -0.37 0.00	25.51 -0.42 0.00	28.32 -0.35 0.00	32.29 -0.25 0.00	34.43 -0.13 -0.97	32.38 -0.08 -2.14	29.61 -0.24 0.00	33.99 -0.64 0.00	36.81 -1.06 0.00	36.04 -1.23 0.00	36.71 -0.87 0.00	24.17 -0.75 0.00	29.61 0.37 0.00	32.13 1.42 0.00	28.42 0.91 0.00	29.04 0.55 0.00	34.64 0.49 0.00	25.87 0.39 0.00	23.91 0.90 0.00	22.16 0.37 0.00
FOX_HILLS___ESR 323835	29.82 1.38 0.00	28.06 1.40 0.00	23.44 1.21 0.00	23.72 1.18 0.00	25.33 1.27 0.00	27.21 1.28 0.00	30.09 1.40 -0.01	34.26 1.72 0.00	35.69 2.09 0.00	32.22 1.89 0.00	31.82 1.97 0.00	36.70 2.08 0.00	40.24 2.37 -0.01	39.68 2.41 -0.01	40.41 2.82 -0.01	27.11 2.16 -0.02	54.61 2.64 -22.74	33.28 2.56 0.00	29.64 2.14 0.00	30.51 2.02 0.00	36.62 2.47 0.00	27.20 1.72 0.00	24.61 1.60 0.00	23.29 1.51 0.00
FPL_FAR_ROCK_GT1 24212	29.99 1.54 0.00	28.27 1.61 0.00	23.68 1.45 0.00	23.96 1.41 0.00	25.58 1.51 0.00	27.44 1.51 0.00	30.23 1.55 0.00	34.38 1.84 0.00	35.82 2.23 0.00	32.23 1.91 0.00	32.04 2.19 0.00	36.78 2.15 0.00	40.46 2.58 0.00	42.76 2.69 -2.80	51.15 3.00 -10.57	27.45 2.51 -0.02	54.75 2.83 -22.69	33.37 2.65 0.00	29.68 2.17 0.00	30.57 2.07 0.00	36.61 2.46 0.00	27.20 1.72 0.00	24.73 1.72 0.00	23.35 1.57 0.00
FPL_FAR_ROCK_GT2 23815	29.99 1.54 0.00	28.27 1.61 0.00	23.68 1.45 0.00	23.96 1.41 0.00	25.58 1.51 0.00	27.44 1.51 0.00	30.23 1.55 0.00	34.38 1.84 0.00	35.82 2.23 0.00	32.23 1.91 0.00	32.04 2.19 0.00	36.78 2.15 0.00	40.46 2.58 0.00	42.76 2.69 -2.80	51.15 3.00 -10.57	27.45 2.51 -0.02	54.75 2.83 -22.69	33.37 2.65 0.00	29.68 2.17 0.00	30.57 2.07 0.00	36.61 2.46 0.00	27.20 1.72 0.00	24.73 1.72 0.00	23.35 1.57 0.00
FRANKLIN_FALL_HYD 24054	28.84 0.40 0.00	26.83 0.16 0.00	22.18 -0.06 0.00	22.37 -0.18 0.00	23.80 -0.26 0.00	25.80 -0.13 0.00	28.65 -0.02 0.00	32.58 0.04 0.00	48.54 -0.30 -15.24	63.80 -0.13 -33.61	29.97 0.12 0.00	35.02 0.40 0.00	38.13 0.25 0.00	37.15 -0.12 0.00	37.60 0.02 0.00	24.91 -0.01 0.00	29.25 0.02 0.00	30.98 0.26 0.00	27.85 0.35 0.00	28.77 0.28 0.00	34.47 0.32 0.00	25.69 0.21 0.00	23.10 0.09 0.00	21.65 -0.13 0.00



FREEPORT_EQUS_GT1 23764	29.76 1.32 0.00	28.05 1.39 0.00	23.50 1.26 0.00	23.76 1.22 0.00	25.36 1.29 0.00	27.19 1.27 0.00	29.96 1.28 0.00	34.09 1.55 0.00	35.49 1.89 0.00	31.92 1.59 0.00	31.75 1.90 0.00	36.40 1.77 0.00	40.05 2.17 0.00	40.27 2.28 -0.72	42.90 2.61 -2.71	27.23 2.30 -0.01	54.47 2.55 -22.69	33.04 2.33 0.00	29.36 1.86 0.00	30.27 1.78 0.00	36.26 2.11 0.00	26.92 1.44 0.00	24.52 1.51 0.00	23.14 1.36 0.00
FREEPORT___CT2 23818	29.76 1.32 0.00	28.05 1.39 0.00	23.50 1.26 0.00	23.76 1.22 0.00	25.36 1.29 0.00	27.19 1.27 0.00	29.96 1.28 0.00	34.09 1.55 0.00	35.49 1.89 0.00	31.92 1.59 0.00	31.75 1.90 0.00	36.40 1.77 0.00	40.05 2.17 0.00	40.27 2.28 -0.72	42.90 2.61 -2.71	27.23 2.30 -0.01	54.47 2.55 -22.69	33.04 2.33 0.00	29.36 1.86 0.00	30.27 1.78 0.00	36.26 2.11 0.00	26.92 1.44 0.00	24.52 1.51 0.00	23.14 1.36 0.00
FRESHKLS_33_KV_LOAD 356253	29.82 1.38 0.00	28.03 1.36 0.00	23.39 1.16 0.00	23.67 1.13 0.00	25.28 1.22 0.00	27.16 1.23 0.00	30.07 1.39 -0.01	34.23 1.69 0.00	35.65 2.06 0.00	32.20 1.88 0.00	31.83 1.97 0.00	36.69 2.06 0.00	40.21 2.33 -0.01	39.65 2.38 -0.01	40.40 2.81 -0.01	27.08 2.14 -0.02	54.61 2.64 -22.74	33.28 2.56 0.00	29.66 2.16 0.00	30.54 2.05 0.00	36.66 2.51 0.00	27.23 1.76 0.00	24.64 1.63 0.00	23.31 1.53 0.00
FULTON COGEN____ 23766	27.91 -0.54 0.00	26.19 -0.47 0.00	21.85 -0.38 0.00	22.16 -0.39 0.00	23.64 -0.42 0.00	25.40 -0.52 0.00	28.02 -0.65 0.00	31.79 -0.75 0.00	32.90 -0.70 0.00	29.68 -0.64 0.00	29.19 -0.67 0.00	33.56 -1.06 0.00	36.73 -1.15 0.00	36.28 -0.99 0.00	36.46 -1.12 0.00	24.15 -0.78 0.00	28.52 -0.71 0.00	29.99 -0.72 0.00	26.83 -0.67 0.00	27.89 -0.60 0.00	33.30 -0.85 0.00	24.88 -0.59 0.00	22.49 -0.52 0.00	21.33 -0.46 0.00
FULTON___LFGE 323630	29.74 1.29 0.00	27.84 1.18 0.00	23.23 0.99 0.00	23.47 0.93 0.00	25.09 1.02 0.00	26.99 1.06 0.00	30.02 1.35 0.00	34.16 1.61 0.00	35.15 1.56 0.00	31.85 1.52 0.00	31.46 1.61 0.00	36.44 1.82 0.00	39.24 1.36 0.00	38.20 0.93 0.00	38.42 0.84 0.00	25.34 0.41 0.00	28.37 1.05 1.91	32.26 1.54 0.00	28.86 1.36 0.00	30.03 1.54 0.00	36.08 1.93 0.00	26.87 1.39 0.00	24.12 1.11 0.00	22.79 1.00 0.00
G.F.CEMENT___DRP 24184	30.10 1.66 0.00	28.37 1.71 0.00	23.70 1.46 0.00	24.08 1.54 0.00	25.75 1.69 0.00	27.67 1.74 0.00	30.41 1.73 0.00	34.56 2.02 0.00	35.78 2.18 0.00	32.20 1.87 0.00	31.67 1.82 0.00	36.56 1.93 0.00	39.55 1.68 0.00	38.87 1.61 0.00	39.57 1.99 0.00	26.38 1.46 0.00	28.52 1.85 2.56	32.80 2.09 0.00	29.63 2.12 0.00	30.51 2.02 0.00	36.60 2.45 0.00	27.31 1.84 0.00	24.62 1.61 0.00	23.29 1.51 0.00
GARDENVILLE___LBMP 24039	27.73 -0.72 0.00	26.04 -0.62 0.00	21.58 -0.66 0.00	21.84 -0.71 0.00	23.34 -0.73 0.00	25.35 -0.58 0.00	28.05 -0.63 0.00	31.50 -1.04 0.00	31.95 -0.88 0.77	29.01 -0.52 0.80	29.40 -0.45 0.00	33.71 -0.92 0.00	37.04 -0.83 0.00	36.02 -0.50 0.75	34.75 -1.88 0.95	22.05 -1.75 1.13	27.54 -1.70 0.00	28.91 -1.81 0.00	25.83 -1.68 0.00	27.61 -0.88 0.00	32.78 -1.37 0.00	24.70 -0.77 0.00	22.37 -0.64 0.00	21.22 -0.57 0.00
GARDNVLA_35_KV_LD 355827	27.88 -0.56 0.00	26.16 -0.50 0.00	21.67 -0.56 0.00	21.94 -0.61 0.00	23.44 -0.63 0.00	25.43 -0.50 0.00	28.17 -0.50 0.00	31.67 -0.87 0.00	32.20 -0.67 0.71	29.25 -0.34 0.74	29.61 -0.24 0.00	33.95 -0.67 0.00	37.33 -0.55 0.00	36.34 -0.24 0.69	35.06 -1.65 0.87	22.31 -1.58 1.03	27.76 -1.48 0.00	29.13 -1.59 0.00	26.02 -1.48 0.00	27.84 -0.65 0.00	33.03 -1.12 0.00	24.90 -0.57 0.00	22.53 -0.48 0.00	21.36 -0.42 0.00
GELCKHM___115KV_LOAD 80723	28.18 -0.26 0.00	26.46 -0.20 0.00	22.10 -0.14 0.00	22.40 -0.14 0.00	23.92 -0.14 0.00	25.70 -0.23 0.00	28.36 -0.32 0.00	32.18 -0.36 0.00	33.30 -0.30 0.00	30.03 -0.29 0.00	29.54 -0.32 0.00	33.92 -0.70 0.00	37.13 -0.74 0.00	36.70 -0.57 0.00	36.83 -0.75 0.00	24.37 -0.55 0.00	28.78 -0.45 0.00	30.29 -0.43 0.00	27.10 -0.41 0.00	28.18 -0.31 0.00	33.64 -0.51 0.00	25.14 -0.33 0.00	22.73 -0.28 0.00	21.55 -0.23 0.00
GENERAL___MILLS 23808	27.85 -0.60 0.00	26.13 -0.53 0.00	21.65 -0.59 0.00	21.91 -0.63 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.14 -0.54 0.00	31.63 -0.92 0.00	32.14 -0.73 0.73	29.16 -0.41 0.76	29.50 -0.36 0.00	33.82 -0.81 0.00	37.17 -0.70 0.00	36.18 -0.37 0.71	34.91 -1.78 0.90	22.18 -1.67 1.06	27.63 -1.60 0.00	29.00 -1.72 0.00	25.92 -1.59 0.00	27.72 -0.77 0.00	32.90 -1.25 0.00	24.80 -0.68 0.00	22.45 -0.56 0.00	21.29 -0.50 0.00
GE_PLASTICS___DRP 24183	28.68 0.24 0.00	27.04 0.38 0.00	22.75 0.52 0.00	23.23 0.69 0.00	24.78 0.72 0.00	26.46 0.53 0.00	29.09 0.41 0.00	33.05 0.51 0.00	34.07 0.47 0.00	30.71 0.38 0.00	30.18 0.32 0.00	34.91 0.28 0.00	38.11 0.24 0.00	37.51 0.24 0.00	38.12 0.54 0.00	25.45 0.52 0.00	27.48 0.66 2.41	31.34 0.62 0.00	28.07 0.57 0.00	28.94 0.45 0.00	34.78 0.63 0.00	25.95 0.48 0.00	23.48 0.47 0.00	22.27 0.49 0.00
GILBOA___1 23756	28.79 0.35 0.00	27.24 0.58 0.00	22.99 0.75 0.00	23.37 0.82 0.00	24.93 0.87 0.00	26.45 0.52 0.00	29.10 0.43 0.00	33.08 0.54 0.00	34.25 0.65 0.00	30.87 0.55 0.00	30.39 0.53 0.00	35.19 0.57 0.00	38.48 0.60 0.00	37.83 0.57 0.00	38.37 0.79 0.00	25.64 0.72 0.00	28.86 0.84 1.21	31.54 0.82 0.00	28.21 0.71 0.00	29.12 0.63 0.00	35.00 0.85 0.00	26.08 0.61 0.00	23.59 0.58 0.00	22.34 0.56 0.00
GILBOA___2 23757	28.79 0.35 0.00	27.24 0.58 0.00	22.99 0.75 0.00	23.37 0.82 0.00	24.93 0.87 0.00	26.45 0.52 0.00	29.10 0.43 0.00	33.08 0.54 0.00	34.25 0.65 0.00	30.87 0.55 0.00	30.39 0.53 0.00	35.19 0.57 0.00	38.48 0.60 0.00	37.83 0.57 0.00	38.37 0.79 0.00	25.64 0.72 0.00	28.86 0.84 1.21	31.54 0.82 0.00	28.21 0.71 0.00	29.12 0.63 0.00	35.00 0.85 0.00	26.08 0.61 0.00	23.59 0.58 0.00	22.34 0.56 0.00
GILBOA___3 23758	28.79 0.35 0.00	27.24 0.58 0.00	22.99 0.75 0.00	23.37 0.82 0.00	24.93 0.87 0.00	26.45 0.52 0.00	29.10 0.43 0.00	33.08 0.54 0.00	34.25 0.65 0.00	30.87 0.55 0.00	30.39 0.53 0.00	35.19 0.57 0.00	38.48 0.60 0.00	37.83 0.57 0.00	38.37 0.79 0.00	25.64 0.72 0.00	28.86 0.84 1.21	31.54 0.82 0.00	28.21 0.71 0.00	29.12 0.63 0.00	35.00 0.85 0.00	26.08 0.61 0.00	23.59 0.58 0.00	22.34 0.56 0.00
GILBOA___4 23759	28.79 0.35 0.00	27.24 0.58 0.00	22.99 0.75 0.00	23.37 0.82 0.00	24.93 0.87 0.00	26.45 0.52 0.00	29.10 0.43 0.00	33.08 0.54 0.00	34.25 0.65 0.00	30.87 0.55 0.00	30.39 0.53 0.00	35.19 0.57 0.00	38.48 0.60 0.00	37.83 0.57 0.00	38.37 0.79 0.00	25.64 0.72 0.00	28.86 0.84 1.21	31.54 0.82 0.00	28.21 0.71 0.00	29.12 0.63 0.00	35.00 0.85 0.00	26.08 0.61 0.00	23.59 0.58 0.00	22.34 0.56 0.00

GILBOA____ 23599	28.79 0.35 0.00	27.24 0.58 0.00	22.99 0.75 0.00	23.37 0.82 0.00	24.93 0.87 0.00	26.45 0.52 0.00	29.10 0.43 0.00	33.08 0.54 0.00	34.25 0.66 0.00	30.87 0.55 0.00	30.39 0.53 0.00	35.19 0.56 0.00	38.48 0.61 0.00	37.84 0.57 0.00	38.37 0.79 0.00	25.65 0.72 0.00	28.86 0.84 1.21	31.54 0.82 0.00	28.21 0.71 0.00	29.12 0.63 0.00	35.00 0.85 0.00	26.09 0.61 0.00	23.59 0.58 0.00	22.34 0.56 0.00
GINNA____ 23603	26.82 -1.62 0.00	25.17 -1.49 0.00	20.91 -1.32 0.00	21.20 -1.35 0.00	22.63 -1.43 0.00	24.47 -1.46 0.00	27.08 -1.60 0.00	30.64 -1.90 0.00	31.67 -1.93 0.00	28.66 -1.67 0.00	28.19 -1.66 0.00	32.55 -2.08 0.00	35.89 -1.99 0.00	35.50 -1.76 0.00	35.24 -2.34 0.00	22.96 -1.96 0.00	27.10 -2.13 0.00	28.61 -2.11 0.00	25.61 -1.90 0.00	26.93 -1.56 0.00	32.06 -2.09 0.00	24.02 -1.45 0.00	21.69 -1.32 0.00	20.53 -1.26 0.00
GLEN PARK____ 23778	29.24 0.80 0.00	27.09 0.43 0.00	22.45 0.22 0.00	22.53 -0.02 0.00	23.79 -0.27 0.00	25.63 -0.30 0.00	28.47 -0.21 0.00	32.45 -0.09 0.00	34.55 0.04 -0.92	32.39 0.04 -2.03	29.76 -0.10 0.00	34.07 -0.56 0.00	36.83 -1.05 0.00	35.99 -1.28 0.00	36.71 -0.87 0.00	24.17 -0.75 0.00	29.73 0.50 0.00	32.34 1.63 0.00	28.54 1.03 0.00	29.22 0.73 0.00	34.85 0.70 0.00	26.02 0.55 0.00	24.01 1.00 0.00	22.25 0.46 0.00
GLENDALE_27_KV_LOAD 356172	29.92 1.48 0.00	28.27 1.61 0.00	23.67 1.44 0.00	23.97 1.42 0.00	25.60 1.54 0.00	27.48 1.55 0.00	30.35 1.67 -0.01	34.58 2.04 0.00	36.05 2.45 0.00	32.51 2.19 0.00	31.99 2.13 0.00	36.94 2.31 0.00	40.59 2.72 -0.01	40.01 2.73 -0.01	40.69 3.10 -0.01	27.34 2.39 -0.02	54.85 2.87 -22.74	33.47 2.75 0.00	29.76 2.26 0.00	30.60 2.11 0.00	36.70 2.55 0.00	27.28 1.81 0.00	24.69 1.68 0.00	23.38 1.59 0.00
GLENWOOD_IC_1_G5 23712	29.80 1.35 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.85 1.30 0.00	25.45 1.39 0.00	27.30 1.37 0.00	30.08 1.41 0.00	34.22 1.68 0.00	35.44 1.84 0.00	31.91 1.59 0.00	31.60 1.75 0.00	36.37 1.74 0.00	40.21 2.34 -0.37	40.01 2.38 -1.41	41.71 2.73 -0.01	27.20 2.26 -0.01	54.52 2.59 -22.69	32.97 2.25 0.00	29.32 1.82 0.00	30.19 1.70 0.00	36.18 2.03 0.00	26.87 1.39 0.00	24.40 1.39 0.00	23.21 1.43 0.00
GLENWOOD_IC_2_G1 23688	29.71 1.27 0.00	28.04 1.38 0.00	23.49 1.26 0.00	23.79 1.25 0.00	25.40 1.34 0.00	27.23 1.31 0.00	30.01 1.33 0.00	34.15 1.61 0.00	35.54 1.94 0.00	32.01 1.68 0.00	31.65 1.79 0.00	36.44 1.82 0.00	40.05 2.17 0.00	39.49 2.22 0.00	40.15 2.57 0.00	27.05 2.12 -0.01	54.40 2.48 -22.69	33.05 2.33 0.00	29.41 1.91 0.00	30.28 1.78 0.00	36.29 2.14 0.00	26.96 1.49 0.00	24.45 1.44 0.00	23.15 1.36 0.00
GLENWOOD_IC_3_G1 23689	29.71 1.27 0.00	28.04 1.38 0.00	23.49 1.26 0.00	23.79 1.25 0.00	25.40 1.34 0.00	27.23 1.31 0.00	30.01 1.33 0.00	34.15 1.61 0.00	35.54 1.94 0.00	32.01 1.68 0.00	31.65 1.79 0.00	36.44 1.82 0.00	40.05 2.17 0.00	39.49 2.22 0.00	40.15 2.57 0.00	27.05 2.12 -0.01	54.40 2.48 -22.69	33.05 2.33 0.00	29.41 1.91 0.00	30.28 1.78 0.00	36.29 2.14 0.00	26.96 1.49 0.00	24.45 1.44 0.00	23.15 1.36 0.00
GLENWOOD____4 23550	29.80 1.35 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.85 1.30 0.00	25.45 1.39 0.00	27.30 1.37 0.00	30.08 1.41 0.00	34.23 1.68 0.00	35.51 1.92 0.00	31.98 1.66 0.00	31.68 1.82 0.00	36.44 1.81 0.00	40.21 2.34 -0.37	40.01 2.38 -1.41	41.71 2.73 -0.01	27.20 2.26 -0.01	54.52 2.60 -22.69	33.05 2.33 0.00	29.39 1.88 0.00	30.26 1.77 0.00	36.26 2.11 0.00	26.93 1.45 0.00	24.45 1.44 0.00	23.21 1.43 0.00
GLENWOOD____5 23614	29.80 1.35 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.85 1.30 0.00	25.45 1.39 0.00	27.30 1.37 0.00	30.08 1.41 0.00	34.23 1.68 0.00	35.51 1.92 0.00	31.98 1.66 0.00	31.68 1.82 0.00	36.44 1.81 0.00	40.21 2.34 -0.37	40.01 2.38 -1.41	41.71 2.73 -0.01	27.20 2.26 -0.01	54.52 2.60 -22.69	33.05 2.33 0.00	29.39 1.88 0.00	30.26 1.77 0.00	36.26 2.11 0.00	26.93 1.45 0.00	24.45 1.44 0.00	23.21 1.43 0.00
GLOBAL GREEN_PORT_GT1 23814	29.53 1.09 0.00	27.60 0.93 0.00	23.09 0.86 0.00	23.25 0.71 0.00	25.02 0.96 0.00	26.69 0.76 0.00	29.69 1.02 0.00	34.24 1.70 0.00	35.54 1.94 0.00	31.92 1.59 0.00	31.95 2.10 0.00	36.49 1.86 0.00	40.20 2.33 0.00	39.35 2.27 0.19	39.68 2.81 0.71	27.62 2.69 -0.01	54.98 3.06 -22.69	33.62 2.90 0.00	29.87 2.37 0.00	30.88 2.39 0.00	36.70 2.55 0.00	26.87 1.39 0.00	24.69 1.68 0.00	23.29 1.51 0.00
GLOBE____DSASP 323697	27.02 -1.42 0.00	25.53 -1.14 0.00	21.11 -1.12 0.00	21.39 -1.15 0.00	22.82 -1.24 0.00	24.79 -1.14 0.00	27.40 -1.28 0.00	30.61 -1.94 0.00	30.62 -2.01 0.96	27.72 -1.61 1.00	28.32 -1.53 0.00	32.47 -2.15 0.00	35.71 -2.16 0.00	34.34 -1.99 0.94	33.04 -3.36 1.18	20.57 -2.92 1.44	26.08 -3.15 0.00	27.39 -3.33 0.00	24.52 -2.98 0.00	26.52 -1.98 0.00	31.61 -2.54 0.00	23.90 -1.58 0.00	21.65 -1.36 0.00	20.52 -1.26 0.00
GOETHSLN____LBMP 323567	29.63 1.19 0.00	28.02 1.36 0.00	23.48 1.24 0.00	23.77 1.22 0.00	25.39 1.32 0.00	27.23 1.31 0.00	30.02 1.34 0.00	34.19 1.65 0.00	35.63 2.04 0.00	32.13 1.81 0.00	31.63 1.78 0.00	36.50 1.87 0.00	40.08 2.21 0.00	39.52 2.25 0.00	40.22 2.64 0.00	27.03 2.10 -0.01	54.50 2.52 -22.75	33.16 2.45 0.00	29.50 1.99 0.00	30.35 1.85 0.00	36.36 2.21 0.00	27.02 1.54 0.00	24.46 1.45 0.00	23.16 1.37 0.00
GOLAH____69_KV_TB 1_2 80279	28.17 -0.27 0.00	26.43 -0.23 0.00	21.93 -0.31 0.00	22.23 -0.31 0.00	23.74 -0.33 0.00	25.72 -0.21 0.00	28.47 -0.20 0.00	32.16 -0.38 0.00	33.24 -0.35 0.00	30.03 -0.29 0.00	29.48 -0.37 0.00	33.99 -0.64 0.00	37.51 -0.37 0.00	37.19 -0.08 0.00	36.74 -0.84 0.00	23.87 -1.05 0.00	28.10 -1.13 0.00	29.74 -0.97 0.00	26.75 -0.75 0.00	28.28 -0.21 0.00	33.63 -0.53 0.00	25.25 -0.23 0.00	22.82 -0.19 0.00	21.59 -0.19 0.00
GOODYEAR_LAKE_HYD 323669	29.10 0.65 0.00	27.31 0.65 0.00	22.88 0.65 0.00	23.15 0.60 0.00	24.72 0.66 0.00	26.50 0.57 0.00	29.40 0.73 0.00	33.46 0.92 0.00	34.73 1.14 0.00	31.41 1.08 0.00	31.02 1.17 0.00	36.08 1.45 0.00	39.49 1.62 0.00	38.78 1.52 0.00	38.88 1.30 0.00	25.89 0.96 0.00	31.50 1.23 -1.04	31.99 1.28 0.00	28.54 1.04 0.00	29.62 1.12 0.00	35.49 1.34 0.00	26.41 0.94 0.00	23.81 0.80 0.00	22.48 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.40 -0.04 0.00	26.69 0.03 0.00	22.38 0.14 0.00	22.67 0.13 0.00	24.23 0.16 0.00	26.02 0.09 0.00	28.77 0.10 0.00	32.59 0.05 0.00	33.96 0.17 -0.19	30.60 0.07 -0.20	29.92 0.06 0.00	33.79 -0.84 0.00	37.09 -0.78 0.00	37.07 -0.39 -0.19	36.69 -0.90 -0.01	24.56 -0.84 -0.47	28.71 -0.53 0.00	30.12 -0.60 0.00	26.84 -0.66 0.00	28.14 -0.35 0.00	33.47 -0.68 0.00	25.13 -0.35 0.00	22.76 -0.25 0.00	21.66 -0.12 0.00

GOUDEY___7 23579	28.40 -0.04 0.00	26.69 0.03 0.00	22.38 0.14 0.00	22.67 0.13 0.00	24.23 0.16 0.00	26.02 0.09 0.00	28.77 0.10 0.00	32.59 0.05 0.00	33.96 0.17 -0.19	30.60 0.07 -0.20	29.92 0.06 0.00	33.79 -0.84 0.00	37.09 -0.78 0.00	37.07 -0.39 -0.19	36.69 -0.90 -0.01	24.56 -0.84 -0.47	28.71 -0.53 0.00	30.12 -0.60 0.00	26.84 -0.66 0.00	28.14 -0.35 0.00	33.47 -0.68 0.00	25.13 -0.35 0.00	22.76 -0.25 0.00	21.66 -0.12 0.00
GOUDEY___8 23580	28.40 -0.04 0.00	26.69 0.03 0.00	22.38 0.14 0.00	22.67 0.13 0.00	24.23 0.16 0.00	26.02 0.09 0.00	28.77 0.10 0.00	32.59 0.05 0.00	33.96 0.17 -0.19	30.60 0.07 -0.20	29.92 0.06 0.00	33.79 -0.84 0.00	37.09 -0.78 0.00	37.07 -0.39 -0.19	36.69 -0.90 -0.01	24.56 -0.84 -0.47	28.71 -0.53 0.00	30.12 -0.60 0.00	26.84 -0.66 0.00	28.14 -0.35 0.00	33.47 -0.68 0.00	25.13 -0.35 0.00	22.76 -0.25 0.00	21.66 -0.12 0.00
GOWANUS_GT1_1 24077	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_2 24078	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_3 24079	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_4 24080	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_5 24084	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_6 24111	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_7 24112	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT1_8 24113	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT2_1 24114	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT2_2 24115	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT2_3 24116	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT2_4 24117	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT2_5 24118	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00

GOWANUS_GT2_6 24119	29.91 <i>1.46</i> <i>0.00</i>	28.16 <i>1.50</i> <i>0.00</i>	23.55 <i>1.31</i> <i>0.00</i>	23.82 <i>1.28</i> <i>0.00</i>	25.44 <i>1.38</i> <i>0.00</i>	27.32 <i>1.39</i> <i>0.00</i>	30.21 <i>1.53</i> <i>-0.01</i>	34.41 <i>1.87</i> <i>0.00</i>	35.86 <i>2.27</i> <i>0.00</i>	32.35 <i>2.03</i> <i>0.00</i>	31.90 <i>2.05</i> <i>0.00</i>	36.82 <i>2.19</i> <i>0.00</i>	40.40 <i>2.52</i> <i>-0.01</i>	39.83 <i>2.56</i> <i>-0.01</i>	40.55 <i>2.96</i> <i>-0.01</i>	27.23 <i>2.28</i> <i>-0.02</i>	54.73 <i>2.76</i> <i>-22.74</i>	33.38 <i>2.66</i> <i>0.00</i>	29.72 <i>2.21</i> <i>0.00</i>	30.57 <i>2.07</i> <i>0.00</i>	36.68 <i>2.53</i> <i>0.00</i>	27.25 <i>1.77</i> <i>0.00</i>	24.66 <i>1.65</i> <i>0.00</i>	23.33 <i>1.55</i> <i>0.00</i>
GOWANUS_GT2_7 24120	29.91 <i>1.46</i> <i>0.00</i>	28.16 <i>1.50</i> <i>0.00</i>	23.55 <i>1.31</i> <i>0.00</i>	23.82 <i>1.28</i> <i>0.00</i>	25.44 <i>1.38</i> <i>0.00</i>	27.32 <i>1.39</i> <i>0.00</i>	30.21 <i>1.53</i> <i>-0.01</i>	34.41 <i>1.87</i> <i>0.00</i>	35.86 <i>2.27</i> <i>0.00</i>	32.35 <i>2.03</i> <i>0.00</i>	31.90 <i>2.05</i> <i>0.00</i>	36.82 <i>2.19</i> <i>0.00</i>	40.40 <i>2.52</i> <i>-0.01</i>	39.83 <i>2.56</i> <i>-0.01</i>	40.55 <i>2.96</i> <i>-0.01</i>	27.23 <i>2.28</i> <i>-0.02</i>	54.73 <i>2.76</i> <i>-22.74</i>	33.38 <i>2.66</i> <i>0.00</i>	29.72 <i>2.21</i> <i>0.00</i>	30.57 <i>2.07</i> <i>0.00</i>	36.68 <i>2.53</i> <i>0.00</i>	27.25 <i>1.77</i> <i>0.00</i>	24.66 <i>1.65</i> <i>0.00</i>	23.33 <i>1.55</i> <i>0.00</i>
GOWANUS_GT2_8 24121	29.91 <i>1.46</i> <i>0.00</i>	28.16 <i>1.50</i> <i>0.00</i>	23.55 <i>1.31</i> <i>0.00</i>	23.82 <i>1.28</i> <i>0.00</i>	25.44 <i>1.38</i> <i>0.00</i>	27.32 <i>1.39</i> <i>0.00</i>	30.21 <i>1.53</i> <i>-0.01</i>	34.41 <i>1.87</i> <i>0.00</i>	35.86 <i>2.27</i> <i>0.00</i>	32.35 <i>2.03</i> <i>0.00</i>	31.90 <i>2.05</i> <i>0.00</i>	36.82 <i>2.19</i> <i>0.00</i>	40.40 <i>2.52</i> <i>-0.01</i>	39.83 <i>2.56</i> <i>-0.01</i>	40.55 <i>2.96</i> <i>-0.01</i>	27.23 <i>2.28</i> <i>-0.02</i>	54.73 <i>2.76</i> <i>-22.74</i>	33.38 <i>2.66</i> <i>0.00</i>	29.72 <i>2.21</i> <i>0.00</i>	30.57 <i>2.07</i> <i>0.00</i>	36.68 <i>2.53</i> <i>0.00</i>	27.25 <i>1.77</i> <i>0.00</i>	24.66 <i>1.65</i> <i>0.00</i>	23.33 <i>1.55</i> <i>0.00</i>
GOWANUS_GT3_1 24122	29.91 <i>1.46</i> <i>0.00</i>	28.16 <i>1.50</i> <i>0.00</i>	23.55 <i>1.31</i> <i>0.00</i>	23.82 <i>1.28</i> <i>0.00</i>	25.44 <i>1.38</i> <i>0.00</i>	27.32 <i>1.39</i> <i>0.00</i>	30.21 <i>1.53</i> <i>-0.01</i>	34.41 <i>1.87</i> <i>0.00</i>	35.86 <i>2.27</i> <i>0.00</i>	32.35 <i>2.03</i> <i>0.00</i>	31.90 <i>2.05</i> <i>0.00</i>	36.82 <i>2.19</i> <i>0.00</i>	40.40 <i>2.52</i> <i>-0.01</i>	39.83 <i>2.56</i> <i>-0.01</i>	40.55 <i>2.96</i> <i>-0.01</i>	27.23 <i>2.28</i> <i>-0.02</i>	54.73 <i>2.76</i> <i>-22.74</i>	33.38 <i>2.66</i> <i>0.00</i>	29.72 <i>2.21</i> <i>0.00</i>	30.57 <i>2.07</i> <i>0.00</i>	36.68 <i>2.53</i> <i>0.00</i>	27.25 <i>1.77</i> <i>0.00</i>	24.66 <i>1.65</i> <i>0.00</i>	23.33 <i>1.55</i> <i>0.00</i>
GOWANUS_GT3_2 24123	29.91 <i>1.46</i> <i>0.00</i>	28.16 <i>1.50</i> <i>0.00</i>	23.55 <i>1.31</i> <i>0.00</i>	23.82 <i>1.28</i> <i>0.00</i>	25.44 <i>1.38</i> <i>0.00</i>	27.32 <i>1.39</i> <i>0.00</i>	30.21 <i>1.53</i> <i>-0.01</i>	34.41 <i>1.87</i> <i>0.00</i>	35.86 <i>2.27</i> <i>0.00</i>	32.35 <i>2.03</i> <i>0.00</i>	31.90 <i>2.05</i> <i>0.00</i>	36.82 <i>2.19</i> <i>0.00</i>	40.40 <i>2.52</i> <i>-0.01</i>	39.83 <i>2.56</i> <i>-0.01</i>	40.55 <i>2.96</i> <i>-0.01</i>	27.23 <i>2.28</i> <i>-0.02</i>	54.73 <i>2.76</i> <i>-22.74</i>	33.38 <i>2.66</i> <i>0.00</i>	29.72 <i>2.21</i> <i>0.00</i>	30.57 <i>2.07</i> <i>0.00</i>	36.68 <i>2.53</i> <i>0.00</i>	27.25 <i>1.77</i> <i>0.00</i>	24.66 <i>1.65</i> <i>0.00</i>	23.33 <i>1.55</i> <i>0.00</i>
GOWANUS_GT3_3 24124	29.91 <i>1.46</i> <i>0.00</i>	28.16 <i>1.50</i> <i>0.00</i>	23.55 <i>1.31</i> <i>0.00</i>	23.82 <i>1.28</i> <i>0.00</i>	25.44 <i>1.38</i> <i>0.00</i>	27.32 <i>1.39</i> <i>0.00</i>	30.21 <i>1.53</i> <i>-0.01</i>	34.41 <i>1.87&lt;/</i>																

GOWANUS_GT4_5 24134	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT4_6 24135	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT4_7 24136	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GOWANUS_GT4_8 24137	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GREATVR_69_KV_BK1 356245	29.90 1.46 0.00	28.08 1.41 0.00	23.55 1.31 0.00	23.79 1.24 0.00	25.38 1.32 0.00	27.23 1.30 0.00	30.08 1.41 0.00	34.28 1.74 0.00	35.69 2.09 0.00	32.08 1.76 0.00	32.04 2.19 0.00	36.66 2.03 0.00	40.36 2.49 0.00	39.69 2.56 0.14	39.95 2.89 0.52	27.58 2.64 -0.01	54.82 2.90 -22.69	33.34 2.63 0.00	29.63 2.12 0.00	30.53 2.04 0.00	36.54 2.39 0.00	27.07 1.59 0.00	24.66 1.65 0.00	23.26 1.48 0.00
GREENBSH_115KV_TB3 55895	28.62 0.18 0.00	26.99 0.33 0.00	22.72 0.49 0.00	23.25 0.70 0.00	24.78 0.72 0.00	26.44 0.52 0.00	29.05 0.38 0.00	33.01 0.46 0.00	33.91 0.32 0.00	30.54 0.22 0.00	30.00 0.14 0.00	34.69 0.07 0.00	37.84 -0.04 0.00	37.25 -0.02 0.00	37.93 0.35 0.00	25.34 0.42 0.00	27.15 0.53 2.62	31.21 0.49 0.00	27.95 0.44 0.00	28.76 0.27 0.00	34.60 0.45 0.00	25.85 0.37 0.00	23.41 0.40 0.00	22.23 0.44 0.00
GREENDGE_115KV_TB5 80291	28.18 -0.26 0.00	26.44 -0.22 0.00	22.06 -0.18 0.00	22.33 -0.22 0.00	23.88 -0.18 0.00	25.81 -0.11 0.00	28.62 -0.06 0.00	32.38 -0.16 0.00	35.27 -0.19 -1.87	31.97 -0.30 -1.95	29.45 -0.40 0.00	33.57 -1.06 0.00	36.96 -0.92 0.00	38.44 -0.67 -1.84	38.65 -1.24 -2.31	26.94 -1.00 -3.02	28.56 -0.67 0.00	30.10 -0.61 0.00	26.98 -0.53 0.00	28.24 -0.25 0.00	33.45 -0.70 0.00	25.20 -0.28 0.00	22.73 -0.28 0.00	21.50 -0.28 0.00
GREENIDGE___3 23582	28.18 -0.26 0.00	26.44 -0.22 0.00	22.06 -0.18 0.00	22.33 -0.22 0.00	23.88 -0.18 0.00	25.81 -0.11 0.00	28.62 -0.06 0.00	32.38 -0.16 0.00	35.27 -0.19 -1.87	31.97 -0.30 -1.95	29.45 -0.40 0.00	33.57 -1.06 0.00	36.96 -0.92 0.00	38.44 -0.67 -1.84	38.65 -1.24 -2.31	26.94 -1.00 -3.02	28.56 -0.67 0.00	30.10 -0.61 0.00	26.98 -0.53 0.00	28.24 -0.25 0.00	33.45 -0.70 0.00	25.20 -0.28 0.00	22.73 -0.28 0.00	21.50 -0.28 0.00
GREENIDGE___4 23583	28.18 -0.26 0.00	26.44 -0.22 0.00	22.06 -0.17 0.00	22.33 -0.22 0.00	23.88 -0.18 0.00	25.82 -0.11 0.00	28.62 -0.06 0.00	32.38 -0.16 0.00	35.28 -0.19 -1.87	31.97 -0.30 -1.95	29.46 -0.40 0.00	33.57 -1.06 0.00	36.96 -0.91 0.00	38.44 -0.66 -1.84	38.65 -1.24 -2.31	26.94 -1.00 -3.02	28.55 -0.68 0.00	30.11 -0.61 0.00	26.97 -0.53 0.00	28.24 -0.25 0.00	33.45 -0.70 0.00	25.20 -0.28 0.00	22.72 -0.29 0.00	21.50 -0.28 0.00
GREENLWN_69_KV_BK 3 55738	29.54 1.10 0.00	27.88 1.22 0.00	23.39 1.15 0.00	23.64 1.09 0.00	25.23 1.17 0.00	27.03 1.10 0.00	29.76 1.08 0.00	33.81 1.26 0.00	35.17 1.58 0.00	31.57 1.24 0.00	31.56 1.71 0.00	36.17 1.54 0.00	39.80 1.93 0.00	39.13 2.02 0.16	39.27 2.29 0.60	27.16 2.23 -0.01	54.39 2.46 -22.69	32.84 2.12 0.00	29.10 1.59 0.00	29.95 1.45 0.00	35.87 1.72 0.00	26.60 1.13 0.00	24.27 1.26 0.00	22.96 1.18 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
GRISSOM___SOLAR 323813	29.69 1.25 0.00	27.87 1.20 0.00	23.26 1.02 0.00	23.53 0.99 0.00	25.14 1.07 0.00	27.05 1.12 0.00	30.02 1.34 0.00	34.15 1.61 0.00	35.18 1.58 0.00	31.83 1.50 0.00	31.39 1.54 0.00	36.34 1.72 0.00	39.07 1.20 0.00	37.98 0.71 0.00	38.21 0.63 0.00	25.25 0.33 0.00	28.28 1.03 1.98	32.23 1.51 0.00	28.85 1.35 0.00	30.00 1.51 0.00	36.05 1.90 0.00	26.86 1.39 0.00	24.16 1.15 0.00	22.83 1.05 0.00
GROVEVILLE___HYD 323602	29.80 1.36 0.00	28.12 1.45 0.00	23.55 1.31 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.41 0.00	30.11 1.44 0.00	34.30 1.76 0.00	35.68 2.08 0.00	32.17 1.85 0.00	31.69 1.83 0.00	36.56 1.93 0.00	40.07 2.19 0.00	39.47 2.21 0.00	40.13 2.54 0.00	26.90 1.97 -0.01	44.24 2.42 -12.59	33.10 2.39 0.00	29.55 2.04 0.00	30.46 1.96 0.00	36.52 2.36 0.00	27.14 1.66 0.00	24.53 1.52 0.00	23.20 1.41 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.09 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.67 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.17 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	28.23 -0.21 0.00	26.49 -0.17 0.00	22.09 -0.15 0.00	22.40 -0.15 0.00	23.92 -0.14 0.00	25.75 -0.18 0.00	28.43 -0.25 0.00	32.22 -0.32 0.00	33.32 -0.27 0.00	30.06 -0.26 0.00	29.51 -0.34 0.00	33.91 -0.72 0.00	37.18 -0.69 0.00	36.75 -0.52 0.00	36.79 -0.80 0.00	24.30 -0.63 0.00	28.64 -0.59 0.00	30.22 -0.50 0.00	27.05 -0.45 0.00	28.21 -0.29 0.00	33.69 -0.47 0.00	25.19 -0.29 0.00	22.76 -0.25 0.00	21.58 -0.21 0.00

HAMPSHIRE___PAPER_HYD 323593	28.86 0.42 0.00	26.79 0.13 0.00	22.20 -0.03 0.00	22.32 -0.22 0.00	23.65 -0.41 0.00	25.43 -0.49 0.00	28.28 -0.40 0.00	32.24 -0.30 0.00	35.74 -0.33 -2.47	35.52 -0.26 -5.46	29.30 -0.55 0.00	34.15 -0.47 0.00	37.13 -0.75 0.00	36.44 -0.83 0.00	36.64 -0.94 0.00	24.15 -0.77 0.00	28.98 -0.26 0.00	31.14 0.42 0.00	27.82 0.31 0.00	28.45 -0.04 0.00	34.08 -0.07 0.00	25.43 -0.05 0.00	23.48 0.47 0.00	21.84 0.06 0.00
HARDSCRABBLE_WT_PWR 323673	28.32 -0.12 0.00	26.64 -0.02 0.00	22.33 0.09 0.00	22.72 0.17 0.00	24.22 0.16 0.00	25.99 0.06 0.00	28.56 -0.11 0.00	32.49 -0.05 0.00	33.65 0.06 0.00	30.24 -0.08 0.00	29.85 -0.01 0.00	34.42 -0.21 0.00	37.31 -0.56 0.00	36.67 -0.60 0.00	37.10 -0.48 0.00	24.93 0.00 0.00	29.52 0.29 0.00	31.09 0.37 0.00	27.81 0.30 0.00	28.59 0.10 0.00	34.37 0.22 0.00	25.61 0.13 0.00	23.18 0.17 0.00	22.06 0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.70 1.26 0.00	28.00 1.34 0.00	23.44 1.21 0.00	23.75 1.21 0.00	25.37 1.31 0.00	27.21 1.29 0.00	29.99 1.32 0.00	34.14 1.60 0.00	35.55 1.96 0.00	32.06 1.73 0.00	31.59 1.73 0.00	36.47 1.85 0.00	40.00 2.13 0.00	39.41 2.14 0.00	40.08 2.50 0.00	26.85 1.92 -0.01	50.53 2.37 -18.92	33.06 2.35 0.00	29.49 1.98 0.00	30.38 1.89 0.00	36.42 2.27 0.00	27.05 1.58 0.00	24.47 1.46 0.00	23.14 1.36 0.00
HARSNRAD_115KV_TB1 81005	27.45 -1.00 0.00	25.74 -0.93 0.00	21.29 -0.95 0.00	21.57 -0.98 0.00	23.02 -1.04 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.49 0.00	30.91 -1.47 1.22	27.85 -1.21 1.27	28.66 -1.19 0.00	32.85 -1.77 0.00	36.19 -1.68 0.00	34.70 -1.39 1.19	33.40 -2.68 1.50	20.67 -2.42 1.84	26.69 -2.54 0.00	28.12 -2.60 0.00	25.19 -2.31 0.00	27.08 -1.41 0.00	32.14 -2.01 0.00	24.29 -1.18 0.00	22.02 -0.99 0.00	20.88 -0.90 0.00
HARZA MOOSE___RIVER 24016	28.89 0.45 0.00	26.89 0.23 0.00	22.40 0.16 0.00	22.55 0.00 0.00	23.93 -0.13 0.00	25.75 -0.18 0.00	28.55 -0.13 0.00	32.52 -0.03 0.00	34.28 0.03 -0.66	31.82 0.05 -1.45	29.82 -0.04 0.00	34.36 -0.26 0.00	37.55 -0.32 0.00	36.94 -0.33 0.00	37.35 -0.23 0.00	24.68 -0.25 0.00	29.46 0.23 0.00	31.40 0.69 0.00	28.15 0.64 0.00	28.89 0.40 0.00	34.57 0.42 0.00	25.77 0.30 0.00	23.64 0.63 0.00	22.11 0.33 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.21 -0.23 0.00	26.49 -0.17 0.00	22.14 -0.09 0.00	22.45 -0.09 0.00	23.97 -0.10 0.00	25.74 -0.19 0.00	28.41 -0.26 0.00	32.26 -0.28 0.00	33.38 -0.22 0.00	30.10 -0.22 0.00	29.61 -0.25 0.00	33.90 -0.72 0.00	37.13 -0.75 0.00	36.72 -0.54 0.00	36.84 -0.74 0.00	24.34 -0.59 0.00	28.79 -0.44 0.00	30.27 -0.44 0.00	27.07 -0.44 0.00	28.17 -0.33 0.00	33.60 -0.55 0.00	25.12 -0.35 0.00	22.72 -0.29 0.00	21.56 -0.22 0.00
HELLGATE_13_KV_LD 55870	29.95 1.51 0.00	28.31 1.65 0.00	23.72 1.49 0.00	24.01 1.46 0.00	25.66 1.59 0.00	27.54 1.61 0.00	30.42 1.74 -0.01	34.67 2.13 0.00	36.13 2.53 0.00	32.57 2.25 0.00	32.02 2.16 0.00	36.98 2.35 0.00	40.66 2.79 -0.01	40.07 2.80 -0.01	40.74 3.15 -0.01	27.39 2.44 -0.02	54.90 2.93 -22.74	33.51 2.79 0.00	29.79 2.29 0.00	30.62 2.13 0.00	36.74 2.58 0.00	27.31 1.83 0.00	24.71 1.70 0.00	23.40 1.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.95 1.51 0.00	28.31 1.65 0.00	23.72 1.49 0.00	24.01 1.46 0.00	25.66 1.59 0.00	27.54 1.61 0.00	30.42 1.74 -0.01	34.67 2.13 0.00	36.13 2.53 0.00	32.57 2.25 0.00	32.02 2.16 0.00	36.98 2.35 0.00	40.66 2.79 -0.01	40.07 2.80 -0.01	40.74 3.15 -0.01	27.39 2.44 -0.02	54.90 2.93 -22.74	33.51 2.79 0.00	29.79 2.29 0.00	30.62 2.13 0.00	36.74 2.58 0.00	27.31 1.83 0.00	24.71 1.70 0.00	23.40 1.62 0.00
HEMPSTEAD____ 23647	29.61 1.17 0.00	27.92 1.26 0.00	23.40 1.16 0.00	23.67 1.13 0.00	25.27 1.20 0.00	27.09 1.16 0.00	29.85 1.18 0.00	33.97 1.43 0.00	35.33 1.73 0.00	31.79 1.46 0.00	31.57 1.71 0.00	36.23 1.61 0.00	39.89 2.02 0.00	39.83 2.10 -0.47	41.79 2.44 -1.76	27.09 2.15 -0.01	54.33 2.41 -22.69	32.88 2.16 0.00	29.22 1.72 0.00	30.10 1.60 0.00	36.06 1.90 0.00	26.77 1.29 0.00	24.36 1.35 0.00	23.05 1.26 0.00
HICKLING___1 23621	28.20 -0.25 0.00	26.47 -0.19 0.00	22.15 -0.08 0.00	22.41 -0.13 0.00	23.99 -0.07 0.00	25.95 0.02 0.00	28.78 0.10 0.00	32.49 -0.05 0.00	34.46 -0.01 -0.88	31.06 -0.18 -0.91	29.77 -0.09 0.00	33.68 -0.95 0.00	37.02 -0.85 0.00	37.72 -0.42 -0.86	37.49 -1.17 -1.08	25.40 -1.03 -1.51	28.55 -0.68 0.00	30.14 -0.58 0.00	26.85 -0.65 0.00	28.16 -0.33 0.00	33.41 -0.74 0.00	25.11 -0.37 0.00	22.66 -0.35 0.00	21.46 -0.32 0.00
HICKLING___2 23622	28.20 -0.25 0.00	26.47 -0.19 0.00	22.15 -0.08 0.00	22.41 -0.13 0.00	23.99 -0.07 0.00	25.95 0.02 0.00	28.78 0.10 0.00	32.49 -0.05 0.00	34.46 -0.01 -0.88	31.06 -0.18 -0.91	29.77 -0.09 0.00	33.68 -0.95 0.00	37.02 -0.85 0.00	37.72 -0.42 -0.86	37.49 -1.17 -1.08	25.40 -1.03 -1.51	28.55 -0.68 0.00	30.14 -0.58 0.00	26.85 -0.65 0.00	28.16 -0.33 0.00	33.41 -0.74 0.00	25.11 -0.37 0.00	22.66 -0.35 0.00	21.46 -0.32 0.00
HIGH FALLS___HY 23754	29.71 1.27 0.00	28.01 1.35 0.00	23.46 1.22 0.00	23.75 1.21 0.00	25.38 1.32 0.00	27.24 1.31 0.00	30.06 1.38 0.00	34.28 1.74 0.00	35.77 2.18 0.00	32.27 1.95 0.00	31.79 1.94 0.00	36.66 2.04 0.00	40.22 2.35 0.00	39.53 2.26 0.00	40.22 2.64 0.00	26.98 2.06 0.00	42.72 2.53 -10.96	33.22 2.51 0.00	29.63 2.12 0.00	30.55 2.06 0.00	36.61 2.46 0.00	27.17 1.70 0.00	24.55 1.54 0.00	23.18 1.40 0.00
HIGH_RIVER___SOLAR 323847	29.27 0.83 0.00	27.54 0.87 0.00	23.03 0.79 0.00	23.38 0.83 0.00	24.95 0.88 0.00	26.78 0.85 0.00	29.55 0.88 0.00	33.58 1.03 0.00	34.66 1.06 0.00	31.30 0.97 0.00	30.86 1.00 0.00	35.69 1.07 0.00	38.64 0.77 0.00	37.70 0.43 0.00	38.03 0.45 0.00	25.19 0.27 0.00	27.56 0.56 2.23	31.69 0.97 0.00	28.51 1.01 0.00	29.54 1.05 0.00	35.49 1.34 0.00	26.46 0.98 0.00	23.87 0.86 0.00	22.60 0.81 0.00
HILLBURN___GT 23639	29.69 1.25 0.00	28.01 1.35 0.00	23.45 1.21 0.00	23.76 1.22 0.00	25.38 1.31 0.00	27.23 1.30 0.00	30.01 1.33 0.00	34.14 1.59 0.00	35.56 1.96 0.00	32.06 1.73 0.00	31.60 1.74 0.00	36.47 1.85 0.00	40.02 2.14 0.00	39.48 2.21 0.00	40.16 2.58 0.00	26.93 2.00 -0.01	51.62 2.46 -19.93	33.11 2.40 0.00	29.52 2.02 0.00	30.41 1.91 0.00	36.43 2.27 0.00	27.05 1.58 0.00	24.48 1.47 0.00	23.16 1.38 0.00
HILLSIDE_115KV_TB1 80332	27.88 -0.56 0.00	26.16 -0.50 0.00	21.97 -0.27 0.00	22.23 -0.32 0.00	23.79 -0.27 0.00	25.61 -0.31 0.00	28.39 -0.29 0.00	32.04 -0.50 0.00	33.82 -0.38 -0.60	30.45 -0.50 -0.63	29.43 -0.42 0.00	33.24 -1.39 0.00	36.54 -1.33 0.00	36.98 -0.88 -0.60	36.61 -1.71 -0.74	24.65 -1.36 -1.08	28.15 -1.08 0.00	29.55 -1.17 0.00	26.26 -1.25 0.00	27.58 -0.92 0.00	32.72 -1.43 0.00	24.65 -0.82 0.00	22.33 -0.68 0.00	21.22 -0.56 0.00

HISHELDN_WT_PWR 323625	27.51 -0.93 0.00	25.88 -0.78 0.00	21.47 -0.76 0.00	21.70 -0.85 0.00	23.23 -0.83 0.00	25.24 -0.69 0.00	27.89 -0.79 0.00	31.31 -1.23 0.00	26.05 -1.44 6.11	22.44 -1.52 6.36	28.46 -1.39 0.00	32.35 -2.28 0.00	35.69 -2.18 0.00	29.28 -2.00 5.98	27.39 -2.64 7.55	13.21 -2.21 9.50	26.96 -2.28 0.00	28.64 -2.08 0.00	25.57 -1.94 0.00	27.12 -1.37 0.00	32.00 -2.15 0.00	24.15 -1.33 0.00	21.77 -1.24 0.00	20.64 -1.14 0.00
HOLTSVILLE_IC_1 23690	29.51 1.06 0.00	27.68 1.01 0.00	23.23 0.99 0.00	23.46 0.91 0.00	25.03 0.97 0.00	26.83 0.91 0.00	29.63 0.95 0.00	33.76 1.21 0.00	35.13 1.53 0.00	31.58 1.25 0.00	31.53 1.68 0.00	36.08 1.45 0.00	39.70 1.83 0.00	39.00 1.92 0.19	39.11 2.26 0.72	27.17 2.23 -0.01	54.37 2.45 -22.69	32.85 2.14 0.00	29.18 1.68 0.00	30.04 1.55 0.00	35.96 1.81 0.00	26.62 1.15 0.00	24.30 1.29 0.00	22.93 1.15 0.00
HOLTSVILLE_IC_10 23699	29.62 1.18 0.00	27.76 1.10 0.00	23.29 1.06 0.00	23.51 0.97 0.00	25.10 1.04 0.00	26.91 0.98 0.00	29.73 1.06 0.00	33.89 1.34 0.00	35.29 1.70 0.00	31.73 1.40 0.00	31.68 1.83 0.00	36.24 1.62 0.00	39.89 2.01 0.00	39.20 2.11 0.18	39.35 2.45 0.68	27.30 2.37 -0.01	54.52 2.60 -22.69	33.02 2.30 0.00	29.33 1.82 0.00	30.20 1.71 0.00	36.15 2.00 0.00	26.75 1.28 0.00	24.39 1.39 0.00	23.01 1.23 0.00
HOLTSVILLE_IC_2 23691	29.51 1.06 0.00	27.68 1.01 0.00	23.23 0.99 0.00	23.46 0.91 0.00	25.03 0.97 0.00	26.83 0.91 0.00	29.63 0.95 0.00	33.76 1.21 0.00	35.13 1.53 0.00	31.58 1.25 0.00	31.53 1.68 0.00	36.08 1.45 0.00	39.70 1.83 0.00	39.00 1.92 0.19	39.11 2.26 0.72	27.17 2.23 -0.01	54.37 2.45 -22.69	32.85 2.14 0.00	29.18 1.68 0.00	30.04 1.55 0.00	35.96 1.81 0.00	26.62 1.15 0.00	24.30 1.29 0.00	22.93 1.15 0.00
HOLTSVILLE_IC_3 23692	29.51 1.06 0.00	27.68 1.01 0.00	23.23 0.99 0.00	23.46 0.91 0.00	25.03 0.97 0.00	26.83 0.91 0.00	29.63 0.95 0.00	33.76 1.21 0.00	35.13 1.53 0.00	31.58 1.25 0.00	31.53 1.68 0.00	36.08 1.45 0.00	39.70 1.83 0.00	39.00 1.92 0.19	39.11 2.26 0.72	27.17 2.23 -0.01	54.37 2.45 -22.69	32.85 2.14 0.00	29.18 1.68 0.00	30.04 1.55 0.00	35.96 1.81 0.00	26.62 1.15 0.00	24.30 1.29 0.00	22.93 1.15 0.00
HOLTSVILLE_IC_4 23693	29.51 1.06 0.00	27.68 1.01 0.00	23.23 0.99 0.00	23.46 0.91 0.00	25.03 0.97 0.00	26.83 0.91 0.00	29.63 0.95 0.00	33.76 1.21 0.00	35.13 1.53 0.00	31.58 1.25 0.00	31.53 1.68 0.00	36.08 1.45 0.00	39.70 1.83 0.00	39.00 1.92 0.19	39.11 2.26 0.72	27.17 2.23 -0.01	54.37 2.45 -22.69	32.85 2.14 0.00	29.18 1.68 0.00	30.04 1.55 0.00	35.96 1.81 0.00	26.62 1.15 0.00	24.30 1.29 0.00	22.93 1.15 0.00
HOLTSVILLE_IC_5 23694	29.51 1.06 0.00	27.68 1.01 0.00	23.23 0.99 0.00	23.46 0.91 0.00	25.03 0.97 0.00	26.83 0.91 0.00	29.63 0.95 0.00	33.76 1.21 0.00	35.13 1.53 0.00	31.58 1.25 0.00	31.53 1.68 0.00	36.08 1.45 0.00	39.70 1.83 0.00	39.00 1.92 0.19	39.11 2.26 0.72	27.17 2.23 -0.01	54.37 2.45 -22.69	32.85 2.14 0.00	29.18 1.68 0.00	30.04 1.55 0.00	35.96 1.81 0.00	26.62 1.15 0.00	24.30 1.29 0.00	22.93 1.15 0.00
HOLTSVILLE_IC_6 23695	29.62 1.18 0.00	27.76 1.10 0.00	23.29 1.06 0.00	23.51 0.97 0.00	25.10 1.04 0.00	26.91 0.98 0.00	29.73 1.06 0.00	33.89 1.34 0.00	35.29 1.70 0.00	31.73 1.40 0.00	31.68 1.83 0.00	36.24 1.62 0.00	39.89 2.01 0.00	39.20 2.11 0.18	39.35 2.45 0.68	27.30 2.37 -0.01	54.52 2.60 -22.69	33.02 2.30 0.00	29.33 1.82 0.00	30.20 1.71 0.00	36.15 2.00 0.00	26.75 1.28 0.00	24.39 1.39 0.00	23.01 1.23 0.00
HOLTSVILLE_IC_7 23696	29.62 1.18 0.00	27.76 1.10 0.00	23.29 1.06 0.00	23.51 0.97 0.00	25.10 1.04 0.00	26.91 0.98 0.00	29.73 1.06 0.00	33.89 1.34 0.00	35.29 1.70 0.00	31.73 1.40 0.00	31.68 1.83 0.00	36.24 1.62 0.00	39.89 2.01 0.00	39.20 2.11 0.18	39.35 2.45 0.68	27.30 2.37 -0.01	54.52 2.60 -22.69	33.02 2.30 0.00	29.33 1.82 0.00	30.20 1.71 0.00	36.15 2.00 0.00	26.75 1.28 0.00	24.39 1.39 0.00	23.01 1.23 0.00
HOLTSVILLE_IC_8 23697	29.62 1.18 0.00	27.76 1.10 0.00	23.29 1.06 0.00	23.51 0.97 0.00	25.10 1.04 0.00	26.91 0.98 0.00	29.73 1.06 0.00	33.89 1.34 0.00	35.29 1.70 0.00	31.73 1.40 0.00	31.68 1.83 0.00	36.24 1.62 0.00	39.89 2.01 0.00	39.20 2.11 0.18	39.35 2.45 0.68	27.30 2.37 -0.01	54.52 2.60 -22.69	33.02 2.30 0.00	29.33 1.82 0.00	30.20 1.71 0.00	36.15 2.00 0.00	26.75 1.28 0.00	24.39 1.39 0.00	23.01 1.23 0.00
HOLTSVILLE_IC_9 23698	29.62 1.18 0.00	27.76 1.10 0.00	23.29 1.06 0.00	23.51 0.97 0.00	25.10 1.04 0.00	26.91 0.98 0.00	29.73 1.06 0.00	33.89 1.34 0.00	35.29 1.70 0.00	31.73 1.40 0.00	31.68 1.83 0.00	36.24 1.62 0.00	39.89 2.01 0.00	39.20 2.11 0.18	39.35 2.45 0.68	27.30 2.37 -0.01	54.52 2.60 -22.69	33.02 2.30 0.00	29.33 1.82 0.00	30.20 1.71 0.00	36.15 2.00 0.00	26.75 1.28 0.00	24.39 1.39 0.00	23.01 1.23 0.00
HOMER_HL_115KV_TB2 355744	28.34 -0.11 0.00	26.69 0.03 0.00	22.27 0.03 0.00	22.56 0.02 0.00	24.12 0.06 0.00	26.14 0.21 0.00	28.94 0.26 0.00	32.52 -0.02 0.00	33.75 0.15 0.00	30.57 0.25 0.00	30.18 0.32 0.00	34.41 -0.22 0.00	37.88 0.01 0.00	37.63 0.36 0.00	36.70 -0.89 0.00	23.80 -1.12 0.00	28.34 -0.90 0.00	29.78 -0.94 0.00	26.52 -0.98 0.00	28.02 -0.47 0.00	33.24 -0.91 0.00	24.97 -0.50 0.00	22.73 -0.28 0.00	21.65 -0.13 0.00
HOWARD_WT_PWR 323690	27.44 -1.01 0.00	25.83 -0.83 0.00	21.49 -0.75 0.00	21.68 -0.87 0.00	23.24 -0.82 0.00	25.38 -0.54 0.00	28.14 -0.54 0.00	31.84 -0.71 0.00	36.64 -0.89 -3.94	33.40 -1.02 -4.10	29.03 -0.83 0.00	32.94 -1.68 0.00	36.15 -1.72 0.00	39.78 -1.34 -3.86	40.56 -1.88 -4.86	29.59 -1.59 -6.25	27.83 -1.40 0.00	29.74 -0.97 0.00	26.59 -0.91 0.00	27.73 -0.77 0.00	32.86 -1.29 0.00	24.66 -0.82 0.00	22.22 -0.79 0.00	20.91 -0.87 0.00
HQ_GEN_CEDARS 23644	28.80 0.35 0.00	26.81 0.15 0.00	22.17 -0.07 0.00	22.41 -0.13 0.00	23.89 -0.17 0.00	25.89 -0.03 0.00	28.81 0.13 0.00	32.69 0.15 0.00	34.87 -0.07 -1.35	33.30 0.01 -2.97	29.58 -0.28 0.00	34.90 0.28 0.00	38.15 0.27 0.00	37.38 0.11 0.00	37.65 0.07 0.00	24.82 -0.10 0.00	29.07 -0.16 0.00	30.70 -0.02 0.00	27.52 0.02 0.00	28.54 0.05 0.00	34.26 0.11 0.00	25.56 0.09 0.00	23.02 0.01 0.00	21.63 -0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	28.80 0.35 0.00	26.81 0.15 0.00	22.17 -0.07 0.00	22.41 -0.13 0.00	22.18 -0.17 1.71	25.96 -0.03 -0.07	28.81 0.14 0.00	32.69 0.15 0.00	34.87 -0.07 -1.35	33.31 0.02 -2.97	29.58 -0.28 0.00	34.90 0.28 0.00	38.15 0.27 0.00	37.38 0.11 0.00	37.65 0.07 0.00	24.82 -0.10 0.00	29.07 -0.16 0.00	30.70 -0.02 0.00	27.52 0.02 0.00	28.54 0.05 0.00	34.26 0.11 0.00	25.56 0.09 0.00	23.02 0.01 0.00	21.63 -0.16 0.00

HQ_GEN_IMPORT 323601	28.75 0.09 -0.21	22.91 -0.07 3.68	22.04 -0.19 0.00	22.30 -0.24 0.00	23.49 -0.26 0.31	26.09 -0.07 -0.23	28.76 0.08 0.00	32.60 0.05 0.00	33.53 -0.07 0.00	30.31 -0.02 0.00	29.83 -0.01 0.02	34.83 0.21 0.00	38.09 0.22 0.00	37.43 0.16 0.00	37.67 0.09 0.00	24.88 -0.05 0.00	30.25 -0.16 -1.18	30.58 -0.14 0.00	27.39 -0.11 0.00	28.41 -0.09 0.00	34.04 -0.11 0.00	25.40 -0.08 0.00	22.89 -0.12 0.00	21.62 -0.16 0.00
HQ_GEN_WHEEL 23651	28.75 0.09 -0.21	22.91 -0.07 3.68	22.04 -0.19 0.00	22.30 -0.24 0.00	23.49 -0.26 0.31	26.09 -0.07 -0.23	28.76 0.08 0.00	32.60 0.05 0.00	33.53 -0.07 0.00	30.31 -0.02 0.00	29.83 -0.01 0.02	34.83 0.21 0.00	38.09 0.22 0.00	37.43 0.16 0.00	37.67 0.09 0.00	24.88 -0.05 0.00	30.25 -0.16 -1.18	30.58 -0.14 0.00	27.39 -0.11 0.00	28.41 -0.09 0.00	34.04 -0.11 0.00	25.40 -0.08 0.00	22.89 -0.12 0.00	21.62 -0.16 0.00
HUDSON AVE_GT_3 23810	29.81 1.36 0.00	28.17 1.51 0.00	23.60 1.36 0.00	23.90 1.36 0.00	25.53 1.46 0.00	27.38 1.45 0.00	30.18 1.51 0.00	34.39 1.84 0.00	35.84 2.25 0.00	32.32 2.00 0.00	31.83 1.98 0.00	36.74 2.11 0.00	40.34 2.46 0.00	39.75 2.48 0.00	40.44 2.85 0.00	27.17 2.23 -0.01	54.66 2.68 -22.75	33.33 2.61 0.00	29.64 2.14 0.00	30.50 2.01 0.00	36.54 2.39 0.00	27.16 1.68 0.00	24.58 1.57 0.00	23.28 1.49 0.00
HUDSON AVE_GT_4 23540	29.81 1.36 0.00	28.17 1.51 0.00	23.60 1.36 0.00	23.90 1.36 0.00	25.53 1.46 0.00	27.38 1.45 0.00	30.18 1.51 0.00	34.39 1.84 0.00	35.84 2.25 0.00	32.32 2.00 0.00	31.83 1.98 0.00	36.74 2.11 0.00	40.34 2.46 0.00	39.75 2.48 0.00	40.44 2.85 0.00	27.17 2.23 -0.01	54.66 2.68 -22.75	33.33 2.61 0.00	29.64 2.14 0.00	30.50 2.01 0.00	36.54 2.39 0.00	27.16 1.68 0.00	24.58 1.57 0.00	23.28 1.49 0.00
HUDSON AVE_GT_5 23657	29.81 1.36 0.00	28.17 1.51 0.00	23.60 1.36 0.00	23.90 1.36 0.00	25.53 1.46 0.00	27.38 1.45 0.00	30.18 1.51 0.00	34.39 1.84 0.00	35.84 2.25 0.00	32.32 2.00 0.00	31.83 1.98 0.00	36.74 2.11 0.00	40.34 2.46 0.00	39.75 2.48 0.00	40.44 2.85 0.00	27.17 2.23 -0.01	54.66 2.68 -22.75	33.33 2.61 0.00	29.64 2.14 0.00	30.50 2.01 0.00	36.54 2.39 0.00	27.16 1.68 0.00	24.58 1.57 0.00	23.28 1.49 0.00
HUDSON_AVE_10 24168	29.68 1.24 0.00	28.06 1.40 0.00	23.53 1.29 0.00	23.82 1.27 0.00	25.45 1.39 0.00	27.29 1.36 0.00	30.05 1.38 0.00	34.24 1.70 0.00	35.68 2.09 0.00	32.17 1.85 0.00	31.67 1.82 0.00	36.57 1.94 0.00	40.17 2.29 0.00	39.59 2.32 0.00	40.25 2.67 0.00	27.03 2.11 -0.01	54.48 2.51 -22.73	33.15 2.44 0.00	29.48 1.98 0.01	30.33 1.84 0.01	36.34 2.19 0.01	27.01 1.54 0.00	24.44 1.44 0.01	23.16 1.38 0.00
HUDSON___115KV_TB 4 355613	29.17 0.73 0.00	27.47 0.80 0.00	23.10 0.86 0.00	23.60 1.05 0.00	25.16 1.09 0.00	26.87 0.94 0.00	29.57 0.90 0.00	33.65 1.11 0.00	34.54 0.94 0.00	31.14 0.81 0.00	30.61 0.76 0.00	35.42 0.80 0.00	38.49 0.61 0.00	37.97 0.70 0.00	38.59 1.01 0.00	25.70 0.78 0.00	29.37 1.06 0.92	31.71 0.99 0.00	28.54 1.04 0.00	29.44 0.95 0.00	35.42 1.27 0.00	26.43 0.96 0.00	23.90 0.89 0.00	22.64 0.86 0.00
HUNTER MOUNT___DRP 323613	29.34 0.90 0.00	27.61 0.95 0.00	23.20 0.97 0.00	23.70 1.15 0.00	25.27 1.21 0.00	27.00 1.07 0.00	29.69 1.01 0.00	33.84 1.29 0.00	34.71 1.12 0.00	31.29 0.96 0.00	30.76 0.91 0.00	35.59 0.96 0.00	38.65 0.78 0.00	38.11 0.85 0.00	38.70 1.11 0.00	25.73 0.81 0.00	31.30 1.12 -0.95	31.79 1.07 0.00	28.65 1.15 0.00	29.56 1.07 0.00	35.58 1.43 0.00	26.56 1.08 0.00	23.98 0.97 0.00	22.71 0.93 0.00
HUNTINGTON_RES_REC 323705	29.55 1.11 0.00	27.81 1.15 0.00	23.33 1.09 0.00	23.56 1.01 0.00	25.15 1.09 0.00	26.95 1.02 0.00	29.72 1.05 0.00	33.82 1.27 0.00	35.19 1.60 0.00	31.62 1.29 0.00	31.61 1.76 0.00	36.20 1.58 0.00	39.83 1.95 0.00	39.13 2.05 0.18	39.27 2.37 0.68	27.24 2.30 -0.01	54.47 2.54 -22.69	32.92 2.21 0.00	29.19 1.69 0.00	30.06 1.57 0.00	35.99 1.83 0.00	26.66 1.19 0.00	24.32 1.31 0.00	22.97 1.19 0.00
HUNTLEY___63 23557	27.64 -0.81 0.00	25.99 -0.68 0.00	21.50 -0.73 0.00	21.78 -0.77 0.00	23.25 -0.81 0.00	25.28 -0.65 0.00	27.97 -0.71 0.00	31.36 -1.18 0.00	31.57 -1.12 0.90	28.59 -0.80 0.94	29.12 -0.73 0.00	33.39 -1.24 0.00	36.73 -1.14 0.00	35.50 -0.89 0.88	34.19 -2.28 1.11	21.46 -2.12 1.34	27.06 -2.18 0.00	28.45 -2.27 0.00	25.48 -2.03 0.00	27.37 -1.13 0.00	32.55 -1.60 0.00	24.57 -0.90 0.00	22.25 -0.76 0.00	21.09 -0.69 0.00
HUNTLEY___64 23558	27.64 -0.81 0.00	25.99 -0.68 0.00	21.50 -0.73 0.00	21.78 -0.77 0.00	23.25 -0.81 0.00	25.28 -0.65 0.00	27.97 -0.71 0.00	31.36 -1.18 0.00	31.57 -1.12 0.90	28.59 -0.80 0.94	29.12 -0.73 0.00	33.39 -1.24 0.00	36.73 -1.14 0.00	35.50 -0.89 0.88	34.19 -2.28 1.11	21.46 -2.12 1.34	27.06 -2.18 0.00	28.45 -2.27 0.00	25.48 -2.03 0.00	27.37 -1.13 0.00	32.55 -1.60 0.00	24.57 -0.90 0.00	22.25 -0.76 0.00	21.09 -0.69 0.00
HUNTLEY___65 23559	27.64 -0.81 0.00	25.99 -0.68 0.00	21.50 -0.73 0.00	21.78 -0.77 0.00	23.25 -0.81 0.00	25.28 -0.65 0.00	27.97 -0.71 0.00	31.36 -1.18 0.00	31.57 -1.12 0.90	28.59 -0.80 0.94	29.12 -0.73 0.00	33.39 -1.24 0.00	36.73 -1.14 0.00	35.50 -0.89 0.88	34.19 -2.28 1.11	21.46 -2.12 1.34	27.06 -2.18 0.00	28.45 -2.27 0.00	25.48 -2.03 0.00	27.37 -1.13 0.00	32.55 -1.60 0.00	24.57 -0.90 0.00	22.25 -0.76 0.00	21.09 -0.69 0.00
HUNTLEY___66 23560	27.64 -0.81 0.00	25.99 -0.68 0.00	21.50 -0.73 0.00	21.78 -0.77 0.00	23.25 -0.81 0.00	25.28 -0.65 0.00	27.97 -0.71 0.00	31.36 -1.18 0.00	31.57 -1.12 0.90	28.59 -0.80 0.94	29.12 -0.73 0.00	33.39 -1.24 0.00	36.73 -1.14 0.00	35.50 -0.89 0.88	34.19 -2.28 1.11	21.46 -2.12 1.34	27.06 -2.18 0.00	28.45 -2.27 0.00	25.48 -2.03 0.00	27.37 -1.13 0.00	32.55 -1.60 0.00	24.57 -0.90 0.00	22.25 -0.76 0.00	21.09 -0.69 0.00
HUNTLEY___67 23561	27.54 -0.90 0.00	25.86 -0.81 0.00	21.40 -0.83 0.00	21.68 -0.87 0.00	23.14 -0.92 0.00	25.12 -0.81 0.00	27.79 -0.88 0.00	31.21 -1.33 0.00	31.51 -1.22 0.86	28.53 -0.90 0.90	29.00 -0.85 0.00	33.26 -1.37 0.00	36.57 -1.30 0.00	35.41 -1.02 0.84	34.14 -2.38 1.06	21.53 -2.11 1.28	27.07 -2.16 0.00	28.42 -2.30 0.00	25.42 -2.08 0.00	27.25 -1.24 0.00	32.37 -1.79 0.00	24.41 -1.06 0.00	22.12 -0.88 0.00	20.97 -0.81 0.00
HUNTLEY___68 23562	27.54 -0.90 0.00	25.86 -0.81 0.00	21.40 -0.83 0.00	21.68 -0.87 0.00	23.14 -0.92 0.00	25.12 -0.81 0.00	27.79 -0.88 0.00	31.21 -1.33 0.00	31.51 -1.22 0.86	28.53 -0.90 0.90	29.00 -0.85 0.00	33.26 -1.37 0.00	36.57 -1.30 0.00	35.41 -1.02 0.84	34.14 -2.38 1.06	21.53 -2.11 1.28	27.07 -2.16 0.00	28.42 -2.30 0.00	25.42 -2.08 0.00	27.25 -1.24 0.00	32.37 -1.79 0.00	24.41 -1.06 0.00	22.12 -0.88 0.00	20.97 -0.81 0.00



HYLAND___LFGE 323620	28.79 0.34 0.00	27.00 0.34 0.00	22.43 0.19 0.00	22.70 0.15 0.00	24.30 0.23 0.00	26.46 0.54 0.00	29.37 0.70 0.00	33.12 0.58 0.00	37.81 -0.07 -4.29	34.32 -0.47 -4.46	29.42 -0.43 0.00	33.71 -0.92 0.00	37.26 -0.61 0.00	41.10 -0.37 -4.20	41.64 -1.23 -5.29	30.19 -1.51 -6.78	27.47 -1.76 0.00	29.62 -1.10 0.00	26.95 -0.55 0.00	28.35 -0.15 0.00	33.75 -0.40 0.00	25.33 -0.14 0.00	23.30 0.29 0.00	22.04 0.26 0.00
INDECK___CORINTH 23802	30.01 1.57 0.00	28.27 1.61 0.00	23.62 1.39 0.00	24.01 1.47 0.00	25.68 1.62 0.00	27.58 1.66 0.00	30.34 1.66 0.00	34.48 1.94 0.00	35.70 2.11 0.00	32.16 1.84 0.00	31.64 1.78 0.00	36.53 1.90 0.00	39.46 1.59 0.00	38.78 1.51 0.00	39.42 1.84 0.00	26.26 1.34 0.00	28.42 1.72 2.53	32.66 1.94 0.00	29.54 2.04 0.00	30.42 1.92 0.00	36.49 2.34 0.00	27.25 1.78 0.00	24.56 1.55 0.00	23.23 1.45 0.00
INDECK___ILION 23567	28.43 -0.02 0.00	26.71 0.05 0.00	22.38 0.14 0.00	22.72 0.18 0.00	24.26 0.20 0.00	26.02 0.09 0.00	28.68 0.01 0.00	32.60 0.05 0.00	33.70 0.10 0.00	30.36 0.03 0.00	29.92 0.06 0.00	34.58 -0.05 0.00	37.63 -0.25 0.00	36.99 -0.28 0.00	37.39 -0.19 0.00	24.97 0.05 0.00	29.47 0.24 0.00	31.01 0.29 0.00	27.77 0.27 0.00	28.65 0.16 0.00	34.41 0.25 0.00	25.64 0.17 0.00	23.17 0.16 0.00	21.98 0.19 0.00
INDECK___OLEAN 23982	28.34 -0.11 0.00	26.69 0.03 0.00	22.27 0.03 0.00	22.56 0.02 0.00	24.12 0.06 0.00	26.14 0.21 0.00	28.94 0.26 0.00	32.53 -0.02 0.00	33.75 0.16 0.00	30.58 0.25 0.00	30.18 0.32 0.00	34.41 -0.22 0.00	37.90 0.02 0.00	37.64 0.37 0.00	36.70 -0.88 0.00	23.81 -1.12 0.00	28.34 -0.89 0.00	29.78 -0.94 0.00	26.52 -0.99 0.00	28.03 -0.46 0.00	33.25 -0.90 0.00	24.97 -0.50 0.00	22.72 -0.29 0.00	21.65 -0.13 0.00
INDECK___OSWEGO 23783	27.82 -0.63 0.00	26.10 -0.56 0.00	21.78 -0.45 0.00	22.08 -0.47 0.00	23.54 -0.52 0.00	25.28 -0.65 0.00	27.86 -0.81 0.00	31.62 -0.92 0.00	32.71 -0.88 0.00	29.52 -0.81 0.00	29.02 -0.83 0.00	33.41 -1.21 0.00	36.56 -1.32 0.00	36.05 -1.22 0.00	36.26 -1.32 0.00	24.00 -0.93 0.00	28.35 -0.88 0.00	29.87 -0.85 0.00	26.72 -0.79 0.00	27.73 -0.76 0.00	33.13 -1.02 0.00	24.77 -0.71 0.00	22.42 -0.59 0.00	21.25 -0.53 0.00
INDECK___YERKES 23781	27.66 -0.78 0.00	26.00 -0.66 0.00	21.52 -0.72 0.00	21.79 -0.75 0.00	23.27 -0.79 0.00	25.30 -0.63 0.00	27.99 -0.68 0.00	31.40 -1.15 0.00	31.60 -1.09 0.90	28.62 -0.76 0.94	29.15 -0.71 0.00	33.42 -1.20 0.00	36.78 -1.09 0.00	35.55 -0.85 0.88	34.23 -2.24 1.11	21.48 -2.09 1.34	27.09 -2.14 0.00	28.49 -2.23 0.00	25.50 -2.00 0.00	27.40 -1.09 0.00	32.59 -1.56 0.00	24.60 -0.87 0.00	22.27 -0.75 0.00	21.12 -0.67 0.00
INDIAN POINT_GT_1 24139	29.62 1.18 0.00	27.97 1.30 0.00	23.43 1.19 0.00	23.74 1.19 0.00	25.35 1.29 0.00	27.18 1.25 0.00	29.94 1.27 0.00	34.08 1.54 0.00	35.49 1.89 0.00	31.98 1.66 0.00	31.52 1.66 0.00	36.36 1.73 0.00	39.89 2.02 0.00	39.32 2.06 0.00	40.00 2.42 0.00	26.85 1.92 -0.01	54.60 2.33 -23.03	32.98 2.26 0.00	29.39 1.88 0.00	30.27 1.77 0.00	36.27 2.12 0.00	26.95 1.47 0.00	24.39 1.38 0.00	23.09 1.31 0.00
INDIAN POINT_GT_2 23659	29.62 1.18 0.00	27.97 1.30 0.00	23.43 1.19 0.00	23.74 1.19 0.00	25.35 1.29 0.00	27.18 1.25 0.00	29.94 1.27 0.00	34.08 1.54 0.00	35.49 1.89 0.00	31.98 1.66 0.00	31.52 1.66 0.00	36.36 1.73 0.00	39.89 2.02 0.00	39.32 2.06 0.00	40.00 2.42 0.00	26.85 1.92 -0.01	54.60 2.33 -23.03	32.98 2.26 0.00	29.39 1.88 0.00	30.27 1.77 0.00	36.27 2.12 0.00	26.95 1.47 0.00	24.39 1.38 0.00	23.09 1.31 0.00
INDIAN POINT_GT_3 24019	29.62 1.18 0.00	27.97 1.30 0.00	23.43 1.19 0.00	23.74 1.19 0.00	25.35 1.29 0.00	27.18 1.25 0.00	29.94 1.27 0.00	34.08 1.54 0.00	35.49 1.89 0.00	31.98 1.66 0.00	31.52 1.66 0.00	36.36 1.73 0.00	39.89 2.02 0.00	39.32 2.06 0.00	40.00 2.42 0.00	26.85 1.92 -0.01	54.60 2.33 -23.03	32.98 2.26 0.00	29.39 1.88 0.00	30.27 1.77 0.00	36.27 2.12 0.00	26.95 1.47 0.00	24.39 1.38 0.00	23.09 1.31 0.00
INDIAN POINT___2 23530	29.61 1.16 0.00	27.96 1.29 0.00	23.41 1.17 0.00	23.72 1.17 0.00	25.33 1.27 0.00	27.16 1.24 0.00	29.93 1.25 0.00	34.06 1.52 0.00	35.46 1.86 0.00	31.96 1.64 0.00	31.49 1.64 0.00	36.34 1.72 0.00	39.87 2.00 0.00	39.31 2.04 0.00	39.99 2.41 0.00	26.84 1.91 -0.01	53.06 2.33 -21.50	32.97 2.25 0.00	29.38 1.88 0.00	30.25 1.76 0.00	36.26 2.11 0.00	26.94 1.47 0.00	24.39 1.38 0.00	23.09 1.30 0.00
INDIAN POINT___3 23531	29.62 1.17 0.00	27.96 1.30 0.00	23.42 1.18 0.00	23.73 1.18 0.00	25.34 1.28 0.00	27.17 1.24 0.00	29.93 1.26 0.00	34.06 1.52 0.00	35.46 1.86 0.00	31.96 1.64 0.00	31.49 1.64 0.00	36.34 1.71 0.00	39.87 2.00 0.00	39.30 2.03 0.00	39.98 2.40 0.00	26.83 1.90 -0.01	54.82 2.32 -23.27	32.96 2.24 0.00	29.37 1.87 0.00	30.24 1.75 0.00	36.25 2.09 0.00	26.94 1.46 0.00	24.38 1.37 0.00	23.08 1.30 0.00
INGHAM_C_115KV_TB7 356103	28.32 -0.12 0.00	26.71 0.05 0.00	22.44 0.21 0.00	22.89 0.34 0.00	24.42 0.36 0.00	26.15 0.22 0.00	28.71 0.04 0.00	32.65 0.11 0.00	33.82 0.23 0.00	30.37 0.05 0.00	29.92 0.07 0.00	34.43 -0.20 0.00	37.18 -0.69 0.00	36.48 -0.79 0.00	36.93 -0.65 0.00	24.88 -0.04 0.00	29.54 0.31 0.00	31.16 0.44 0.00	27.92 0.42 0.00	28.69 0.20 0.00	34.55 0.40 0.00	25.74 0.26 0.00	23.26 0.25 0.00	22.11 0.33 0.00
IP CORINTH___1 23988	30.01 1.57 0.00	28.27 1.61 0.00	23.63 1.39 0.00	24.01 1.47 0.00	25.68 1.61 0.00	27.58 1.66 0.00	30.34 1.66 0.00	34.48 1.94 0.00	35.70 2.11 0.00	32.16 1.84 0.00	31.64 1.79 0.00	36.53 1.90 0.00	39.46 1.59 0.00	38.78 1.51 0.00	39.42 1.84 0.00	26.26 1.34 0.00	28.42 1.72 2.53	32.66 1.94 0.00	29.54 2.04 0.00	30.42 1.92 0.00	36.49 2.34 0.00	27.25 1.77 0.00	24.56 1.55 0.00	23.23 1.45 0.00
IP___TICONDEROGA 23804	31.39 2.94 0.00	29.67 3.00 0.00	24.61 2.38 0.00	24.90 2.35 0.00	26.80 2.74 0.00	29.05 3.13 0.00	31.50 2.82 0.00	35.70 3.16 0.00	37.19 3.59 0.00	32.95 2.62 0.00	32.35 2.49 0.00	37.20 2.57 0.00	40.40 2.52 0.00	39.71 2.44 0.00	40.94 3.36 0.00	27.60 2.68 0.00	29.95 3.26 2.55	34.69 3.97 0.00	31.30 3.79 0.00	32.04 3.55 0.00	38.21 4.06 0.00	28.48 3.00 0.00	25.60 2.59 0.00	24.26 2.48 0.00
ISLIP_RES_REC 323679	29.72 1.28 0.00	27.84 1.18 0.00	23.36 1.13 0.00	23.58 1.03 0.00	25.17 1.11 0.00	27.00 1.07 0.00	29.84 1.17 0.00	34.02 1.48 0.00	35.45 1.85 0.00	31.89 1.56 0.00	31.85 2.00 0.00	36.42 1.79 0.00	40.10 2.22 0.00	39.41 2.31 0.17	39.60 2.66 0.64	27.44 2.51 -0.01	54.69 2.77 -22.69	33.19 2.47 0.00	29.47 1.97 0.00	30.36 1.86 0.00	36.33 2.17 0.00	26.87 1.40 0.00	24.51 1.50 0.00	23.10 1.32 0.00

JAMAICA__27_KV_LOAD 355505	29.67 1.22 0.00	28.05 1.39 0.00	23.55 1.32 0.00	23.83 1.29 0.00	25.47 1.41 0.00	27.33 1.40 0.00	30.02 1.35 0.00	34.20 1.65 0.00	35.66 2.07 0.00	32.15 1.82 0.00	31.63 1.78 0.00	36.55 1.93 0.00	40.12 2.25 0.00	39.55 2.28 0.00	40.21 2.63 0.00	26.98 2.05 -0.01	54.35 2.38 -22.73	33.06 2.34 0.00	29.41 1.91 0.01	30.25 1.77 0.01	36.25 2.10 0.01	26.94 1.47 0.00	24.39 1.38 0.01	23.11 1.33 0.00
JANIS__SOLAR 323808	29.01 0.57 0.00	27.18 0.51 0.00	22.67 0.43 0.00	22.96 0.41 0.00	24.50 0.44 0.00	26.43 0.50 0.00	29.39 0.71 0.00	33.46 0.91 0.00	35.03 1.14 -0.30	31.46 0.82 -0.31	30.55 0.69 0.00	34.49 -0.13 0.00	37.57 -0.31 0.00	37.53 -0.03 -0.30	37.35 -0.60 -0.37	25.00 -0.52 -0.59	29.27 0.03 0.00	30.75 0.04 0.00	27.62 0.11 0.00	29.13 0.64 0.00	34.84 0.69 0.00	25.99 0.52 0.00	23.47 0.46 0.00	22.35 0.57 0.00
JARVIS____ 23743	28.44 0.00 0.00	26.71 0.05 0.00	22.32 0.09 0.00	22.65 0.11 0.00	24.16 0.10 0.00	25.95 0.03 0.00	28.65 -0.02 0.00	32.55 0.00 0.00	33.63 0.03 0.00	30.35 0.03 0.00	29.88 0.02 0.00	34.61 -0.02 0.00	37.84 -0.04 0.00	37.23 -0.04 0.00	37.60 0.02 0.00	24.99 0.07 0.00	29.32 0.09 0.00	30.80 0.08 0.00	27.58 0.08 0.00	28.55 0.06 0.00	34.26 0.11 0.00	25.55 0.08 0.00	23.10 0.09 0.00	21.87 0.09 0.00
JENNISON____1 23625	28.41 -0.03 0.00	26.62 -0.04 0.00	22.27 0.03 0.00	22.58 0.04 0.00	24.07 0.01 0.00	25.95 0.03 0.00	28.89 0.22 0.00	33.17 0.63 0.00	34.72 1.12 0.00	31.26 0.94 0.00	30.80 0.94 0.00	35.16 0.53 0.00	38.57 0.70 0.00	38.14 0.87 -0.01	37.86 0.28 0.00	25.41 0.10 -0.39	30.69 0.57 -0.88	31.28 0.56 0.00	27.89 0.39 0.00	29.06 0.57 0.00	34.58 0.43 0.00	25.77 0.30 0.00	23.42 0.41 0.00	22.18 0.40 0.00
JENNISON____2 23626	28.41 -0.03 0.00	26.62 -0.04 0.00	22.27 0.03 0.00	22.58 0.04 0.00	24.07 0.01 0.00	25.95 0.03 0.00	28.89 0.22 0.00	33.17 0.63 0.00	34.72 1.12 0.00	31.26 0.94 0.00	30.80 0.94 0.00	35.16 0.53 0.00	38.57 0.70 0.00	38.14 0.87 -0.01	37.86 0.28 0.00	25.41 0.10 -0.39	30.69 0.57 -0.88	31.28 0.56 0.00	27.89 0.39 0.00	29.06 0.57 0.00	34.58 0.43 0.00	25.77 0.30 0.00	23.42 0.41 0.00	22.18 0.40 0.00
JERICOHO_RISE_WT_PWR 323719	28.53 0.09 0.00	26.57 -0.10 0.00	21.96 -0.28 0.00	22.15 -0.39 0.00	23.57 -0.49 0.00	25.51 -0.42 0.00	28.29 -0.39 0.00	32.09 -0.45 0.00	11.75 -0.85 20.99	-16.58 -0.62 46.29	29.52 -0.34 0.00	34.59 -0.03 0.00	37.79 -0.08 0.00	36.78 -0.49 0.00	37.22 -0.37 0.00	24.69 -0.23 0.00	28.97 -0.26 0.00	30.64 -0.08 0.00	27.47 -0.03 0.00	28.37 -0.13 0.00	33.98 -0.18 0.00	25.32 -0.16 0.00	22.81 -0.20 0.00	21.40 -0.38 0.00
KATONAH__115KV_46KV_TB4 355592	29.72 1.28 0.00	28.06 1.39 0.00	23.50 1.26 0.00	23.81 1.26 0.00	25.43 1.37 0.00	27.27 1.34 0.00	30.04 1.37 0.00	34.22 1.67 0.00	35.61 2.02 0.00	32.10 1.78 0.00	31.63 1.77 0.00	36.49 1.87 0.00	40.04 2.16 0.00	39.44 2.18 0.00	40.12 2.54 0.00	26.93 1.99 -0.01	54.71 2.42 -23.06	33.08 2.36 0.00	29.49 1.98 0.00	30.36 1.87 0.00	36.39 2.24 0.00	27.04 1.56 0.00	24.46 1.45 0.00	23.15 1.37 0.00
KCE_NY_1 323755	29.68 1.24 0.00	27.98 1.32 0.00	23.37 1.14 0.00	23.78 1.23 0.00	25.40 1.34 0.00	27.26 1.33 0.00	29.97 1.30 0.00	34.06 1.51 0.00	35.21 1.62 0.00	31.72 1.39 0.00	31.18 1.33 0.00	36.03 1.40 0.00	39.24 1.36 0.00	38.47 1.20 0.00	39.13 1.55 0.00	26.08 1.15 0.00	28.14 1.47 2.57	32.36 1.64 0.00	29.07 1.57 0.00	29.99 1.49 0.00	36.02 1.86 0.00	26.85 1.38 0.00	24.24 1.23 0.00	22.95 1.17 0.00
KCE_NY_6_ESR 323823	27.87 -0.57 0.00	26.15 -0.51 0.00	21.66 -0.58 0.00	21.93 -0.62 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.15 -0.52 0.00	31.65 -0.90 0.00	32.15 -0.72 0.73	29.17 -0.39 0.76	29.50 -0.36 0.00	33.84 -0.79 0.00	37.19 -0.68 0.00	36.19 -0.37 0.71	34.94 -1.74 0.90	22.20 -1.66 1.06	27.66 -1.57 0.00	29.02 -1.70 0.00	25.94 -1.57 0.00	27.75 -0.74 0.00	32.91 -1.24 0.00	24.82 -0.66 0.00	22.44 -0.57 0.00	21.30 -0.48 0.00
KEDC_PORT_JEFF_GT2 24210	29.59 1.15 0.00	27.74 1.08 0.00	23.27 1.04 0.00	23.50 0.95 0.00	25.08 1.02 0.00	26.89 0.96 0.00	29.70 1.02 0.00	33.85 1.30 0.00	35.23 1.64 0.00	31.68 1.35 0.00	31.64 1.78 0.00	36.20 1.58 0.00	39.83 1.96 0.00	39.13 2.05 0.18	39.29 2.40 0.70	27.27 2.33 -0.01	54.48 2.56 -22.69	32.97 2.26 0.00	29.28 1.78 0.00	30.15 1.66 0.00	36.09 1.94 0.00	26.71 1.24 0.00	24.37 1.36 0.00	22.98 1.20 0.00
KEDC_PORT_JEFF_GT3 24211	29.59 1.15 0.00	27.74 1.08 0.00	23.27 1.04 0.00	23.50 0.95 0.00	25.08 1.02 0.00	26.89 0.96 0.00	29.70 1.02 0.00	33.85 1.30 0.00	35.23 1.64 0.00	31.68 1.35 0.00	31.64 1.78 0.00	36.20 1.58 0.00	39.83 1.96 0.00	39.13 2.05 0.18	39.29 2.40 0.70	27.27 2.33 -0.01	54.48 2.56 -22.69	32.97 2.26 0.00	29.28 1.78 0.00	30.15 1.66 0.00	36.09 1.94 0.00	26.71 1.24 0.00	24.37 1.36 0.00	22.98 1.20 0.00
KEDC_GLWD_GT4 24219	29.80 1.35 0.00	28.12 1.45 0.00	23.55 1.32 0.00	23.85 1.30 0.00	25.45 1.39 0.00	27.30 1.37 0.00	30.08 1.41 0.00	34.22 1.68 0.00	35.44 1.84 0.00	31.91 1.58 0.00	31.60 1.75 0.00	36.37 1.74 0.00	40.20 2.33 0.00	40.01 2.37 -0.37	41.71 2.72 -1.41	27.19 2.26 -0.01	54.51 2.59 -22.69	32.98 2.26 0.00	29.32 1.82 0.00	30.19 1.70 0.00	36.18 2.02 0.00	26.87 1.39 0.00	24.40 1.39 0.00	23.21 1.43 0.00
KEDC_GLWD_GT5 24220	29.80 1.35 0.00	28.12 1.45 0.00	23.55 1.32 0.00	23.85 1.30 0.00	25.45 1.39 0.00	27.30 1.37 0.00	30.08 1.41 0.00	34.22 1.68 0.00	35.44 1.84 0.00	31.91 1.58 0.00	31.60 1.75 0.00	36.37 1.74 0.00	40.20 2.33 0.00	40.01 2.37 -0.37	41.71 2.72 -1.41	27.19 2.26 -0.01	54.51 2.59 -22.69	32.98 2.26 0.00	29.32 1.82 0.00	30.19 1.70 0.00	36.18 2.02 0.00	26.87 1.39 0.00	24.40 1.39 0.00	23.21 1.43 0.00
KENSICO____ 23655	29.69 1.24 0.00	28.04 1.37 0.00	23.48 1.25 0.00	23.79 1.24 0.00	25.41 1.34 0.00	27.24 1.31 0.00	30.01 1.33 0.00	34.16 1.62 0.00	35.56 1.97 0.00	32.06 1.74 0.00	31.59 1.73 0.00	36.45 1.83 0.00	40.00 2.13 0.00	39.42 2.15 0.00	40.10 2.51 0.00	26.93 1.99 -0.01	54.88 2.42 -23.23	33.06 2.34 0.00	29.44 1.94 0.00	30.30 1.81 0.00	36.32 2.17 0.00	26.99 1.52 0.00	24.44 1.43 0.00	23.13 1.35 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.65 1.20 0.00	27.95 1.29 0.00	23.40 1.16 0.00	23.72 1.17 0.00	25.33 1.27 0.00	27.18 1.25 0.00	29.99 1.31 0.00	34.24 1.70 0.00	35.70 2.10 0.00	32.19 1.86 0.00	31.67 1.82 0.00	36.55 1.92 0.00	40.06 2.19 0.00	39.36 2.10 0.00	40.04 2.46 0.00	26.84 1.91 -0.01	43.23 2.36 -11.64	33.05 2.34 0.00	29.49 1.99 0.00	30.43 1.94 0.00	36.47 2.31 0.00	27.08 1.61 0.00	24.47 1.46 0.00	23.11 1.33 0.00

KIAC_JFK_GT1 23816	29.50 1.06 0.00	27.90 1.24 0.00	23.42 1.19 0.00	23.71 1.16 0.00	25.33 1.27 0.00	27.18 1.25 0.00	29.82 1.14 0.00	33.87 1.33 0.00	35.32 1.73 0.00	31.85 1.52 0.00	31.34 1.48 0.00	36.22 1.59 0.00	39.74 1.87 0.00	39.18 1.91 0.00	39.87 2.28 0.00	26.74 1.81 -0.01	54.07 2.11 -22.73	32.76 2.05 0.00	29.16 1.66 0.01	29.98 1.50 0.01	35.93 1.78 0.01	26.70 1.23 0.00	24.16 1.16 0.01	22.98 1.20 0.00
KIAC_JFK_GT2 23817	29.50 1.06 0.00	27.90 1.24 0.00	23.42 1.19 0.00	23.71 1.16 0.00	25.33 1.27 0.00	27.18 1.25 0.00	29.82 1.14 0.00	33.87 1.33 0.00	35.32 1.73 0.00	31.85 1.52 0.00	31.34 1.48 0.00	36.22 1.59 0.00	39.74 1.87 0.00	39.18 1.91 0.00	39.87 2.28 0.00	26.74 1.81 -0.01	54.07 2.11 -22.73	32.76 2.05 0.00	29.16 1.66 0.01	29.98 1.50 0.01	35.93 1.78 0.01	26.70 1.23 0.00	24.16 1.16 0.01	22.98 1.20 0.00
KIAC_JFK____ 323774	29.50 1.06 0.00	27.90 1.24 0.00	23.42 1.19 0.00	23.71 1.16 0.00	25.33 1.27 0.00	27.17 1.25 0.00	29.82 1.14 0.00	33.87 1.33 0.00	35.32 1.73 0.00	31.84 1.52 0.00	31.34 1.49 0.00	36.22 1.60 0.00	39.74 1.87 0.00	39.18 1.91 0.00	39.86 2.28 0.00	26.75 1.82 -0.01	54.07 2.11 -22.73	32.76 2.05 0.00	29.16 1.66 0.01	29.98 1.49 0.01	35.92 1.78 0.01	26.70 1.23 0.00	24.16 1.16 0.01	22.98 1.20 0.00
KINTIGH__24_KV_GSU 356498	27.57 -0.87 0.00	25.90 -0.76 0.00	21.48 -0.76 0.00	21.77 -0.78 0.00	23.23 -0.83 0.00	25.19 -0.73 0.00	27.84 -0.84 0.00	31.33 -1.21 0.00	31.75 -1.17 0.68	28.71 -0.91 0.71	28.97 -0.88 0.00	33.28 -1.35 0.00	36.62 -1.26 0.00	35.58 -1.02 0.66	34.61 -2.14 0.84	21.99 -1.93 1.01	27.23 -2.01 0.00	28.61 -2.11 0.00	25.60 -1.90 0.00	27.30 -1.19 0.00	32.46 -1.70 0.00	24.46 -1.02 0.00	22.15 -0.86 0.00	21.01 -0.77 0.00
KINTIGH____ 23543	27.54 -0.90 0.00	25.88 -0.78 0.00	21.46 -0.78 0.00	21.75 -0.79 0.00	23.21 -0.85 0.00	25.17 -0.76 0.00	27.82 -0.86 0.00	31.29 -1.25 0.00	31.72 -1.20 0.68	28.68 -0.94 0.71	28.94 -0.91 0.00	33.24 -1.38 0.00	36.57 -1.31 0.00	35.55 -1.06 0.66	34.57 -2.17 0.84	21.96 -1.95 1.01	27.19 -2.04 0.00	28.58 -2.14 0.00	25.58 -1.93 0.00	27.27 -1.23 0.00	32.42 -1.73 0.00	24.43 -1.04 0.00	22.14 -0.87 0.00	20.99 -0.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	28.89 0.45 0.00	26.91 0.25 0.00	22.25 0.01 0.00	22.44 -0.10 0.00	23.89 -0.17 0.00	25.80 -0.12 0.00	28.61 -0.07 0.00	32.65 0.11 0.00	13.06 -0.22 20.31	-14.72 -0.25 44.79	30.12 0.26 0.00	35.25 0.63 0.00	38.48 0.61 0.00	37.31 0.04 0.00	37.75 0.16 0.00	24.97 0.05 0.00	29.38 0.15 0.00	31.14 0.42 0.00	27.99 0.48 0.00	29.04 0.55 0.00	34.78 0.63 0.00	25.91 0.44 0.00	23.28 0.27 0.00	21.80 0.01 0.00
LACHUTE____HYDRO 323717	31.39 2.94 0.00	29.67 3.00 0.00	24.61 2.38 0.00	24.90 2.35 0.00	26.80 2.74 0.00	29.05 3.13 0.00	31.50 2.82 0.00	35.70 3.16 0.00	37.19 3.59 0.00	32.95 2.62 0.00	32.35 2.49 0.00	37.20 2.57 0.00	40.40 2.52 0.00	39.71 2.44 0.00	40.94 3.36 0.00	27.60 2.68 0.00	29.94 3.26 2.55	34.69 3.97 0.00	31.30 3.80 0.00	32.04 3.55 0.00	38.21 4.06 0.00	28.48 3.00 0.00	25.60 2.59 0.00	24.26 2.47 0.00
LAWRNCAY_115KV_TB1 80681	28.87 0.43 0.00	26.85 0.18 0.00	22.19 -0.05 0.00	22.40 -0.15 0.00	23.82 -0.25 0.00	25.76 -0.17 0.00	28.70 0.03 0.00	32.62 0.07 0.00	36.58 -0.12 -3.11	37.11 -0.06 -6.85	29.48 -0.37 0.00	34.74 0.11 0.00	37.78 -0.09 0.00	37.03 -0.24 0.00	37.11 -0.47 0.00	24.46 -0.47 0.00	28.77 -0.46 0.00	30.58 -0.13 0.00	27.43 -0.07 0.00	28.31 -0.18 0.00	34.03 -0.12 0.00	25.40 -0.08 0.00	23.08 0.07 0.00	21.61 -0.18 0.00
LEDERLE____ 23769	29.82 1.38 0.00	28.13 1.47 0.00	23.55 1.31 0.00	23.86 1.31 0.00	25.48 1.42 0.00	27.34 1.41 0.00	30.13 1.46 0.00	34.29 1.75 0.00	35.72 2.13 0.00	32.22 1.89 0.00	31.75 1.90 0.00	36.64 2.02 0.00	40.21 2.34 0.00	39.67 2.40 0.00	40.35 2.77 0.00	27.06 2.12 -0.01	52.84 2.60 -21.01	33.27 2.55 0.00	29.65 2.14 0.00	30.54 2.05 0.00	36.59 2.43 0.00	27.17 1.70 0.00	24.59 1.58 0.00	23.26 1.48 0.00
LIGHTHSE_115KV_TB6 355974	28.37 -0.08 0.00	26.51 -0.15 0.00	22.07 -0.16 0.00	22.31 -0.24 0.00	23.72 -0.35 0.00	25.47 -0.46 0.00	28.16 -0.51 0.00	32.00 -0.55 0.00	33.12 -0.48 0.00	29.90 -0.43 0.00	29.38 -0.48 0.00	33.76 -0.86 0.00	36.81 -1.06 0.00	36.24 -1.03 0.00	36.56 -1.02 0.00	24.13 -0.79 0.00	28.87 -0.37 0.00	30.73 0.01 0.00	27.37 -0.14 0.00	28.29 -0.20 0.00	33.77 -0.38 0.00	25.26 -0.21 0.00	23.01 0.00 0.00	21.65 -0.13 0.00
LINDEN COGEN____ 23786	29.62 1.17 0.00	28.00 1.34 0.00	23.46 1.23 0.00	23.76 1.21 0.00	25.38 1.31 0.00	27.22 1.29 0.00	30.00 1.32 0.00	34.17 1.63 0.00	35.62 2.02 0.00	32.12 1.79 0.00	31.62 1.76 0.00	36.48 1.86 0.00	40.05 2.18 0.00	39.49 2.22 0.00	40.18 2.60 0.00	27.01 2.08 -0.01	54.48 2.50 -22.75	33.14 2.42 0.00	29.48 1.98 0.00	30.32 1.83 0.00	36.35 2.20 0.00	27.00 1.53 0.00	24.45 1.44 0.00	23.15 1.36 0.00
LINDHRST_69_KV_BK1 356055	29.82 1.37 0.00	28.07 1.40 0.00	23.54 1.30 0.00	23.78 1.24 0.00	25.37 1.31 0.00	27.20 1.27 0.00	30.03 1.36 0.00	34.20 1.65 0.00	35.61 2.01 0.00	32.01 1.68 0.00	31.92 2.07 0.00	36.53 1.90 0.00	40.19 2.32 0.00	39.67 2.40 0.00	40.32 2.74 0.00	27.41 2.48 -0.01	54.64 2.72 -22.69	33.19 2.48 0.00	29.48 1.98 0.00	30.38 1.88 0.00	36.37 2.21 0.00	26.99 1.51 0.00	24.58 1.57 0.00	23.20 1.41 0.00
LIPA_MISC_IPP 23656	29.43 0.98 0.00	27.49 0.83 0.00	23.07 0.84 0.00	23.29 0.74 0.00	24.87 0.81 0.00	26.65 0.72 0.00	29.46 0.78 0.00	33.59 1.05 0.00	34.97 1.37 0.00	31.44 1.11 0.00	31.40 1.54 0.00	35.89 1.26 0.00	39.52 1.64 0.00	38.80 1.72 0.19	38.95 2.08 0.72	27.07 2.13 -0.01	54.25 2.33 -22.69	32.74 2.03 0.00	29.09 1.58 0.00	29.96 1.47 0.00	35.83 1.68 0.00	26.50 1.03 0.00	24.19 1.18 0.00	22.82 1.04 0.00
LISF____SOLAR 323691	29.47 1.02 0.00	27.53 0.87 0.00	23.10 0.87 0.00	23.32 0.77 0.00	24.89 0.83 0.00	26.68 0.76 0.00	29.50 0.82 0.00	33.64 1.10 0.00	35.02 1.43 0.00	31.49 1.16 0.00	31.44 1.58 0.00	35.93 1.31 0.00	39.56 1.69 0.00	38.85 1.77 0.19	39.02 2.14 0.71	27.11 2.18 -0.01	54.30 2.38 -22.69	32.79 2.08 0.00	29.14 1.63 0.00	30.01 1.52 0.00	35.90 1.75 0.00	26.55 1.08 0.00	24.24 1.23 0.00	22.85 1.07 0.00
LITTLE FALLS____HYD 24013	28.32 -0.12 0.00	26.71 0.05 0.00	22.44 0.21 0.00	22.89 0.34 0.00	24.42 0.36 0.00	26.15 0.22 0.00	28.71 0.04 0.00	32.65 0.11 0.00	33.82 0.23 0.00	30.37 0.05 0.00	29.92 0.07 0.00	34.43 -0.20 0.00	37.18 -0.69 0.00	36.48 -0.79 0.00	36.93 -0.65 0.00	24.88 -0.04 0.00	29.54 0.31 0.00	31.16 0.44 0.00	27.92 0.42 0.00	28.69 0.20 0.00	34.55 0.40 0.00	25.74 0.26 0.00	23.26 0.25 0.00	22.11 0.33 0.00

LITTLRIV_115KV_TB1 356100	29.25 0.80 0.00	27.19 0.52 0.00	22.45 0.21 0.00	22.69 0.14 0.00	24.14 0.08 0.00	26.27 0.34 0.00	29.34 0.66 0.00	33.25 0.71 0.00	37.33 0.34 -3.39	38.12 0.31 -7.48	29.86 0.00 0.00	34.97 0.34 0.00	38.08 0.21 0.00	37.27 0.01 0.00	37.43 -0.16 0.00	24.68 -0.24 0.00	29.08 -0.15 0.00	31.15 0.42 0.00	28.03 0.53 0.00	28.78 0.29 0.00	34.75 0.60 0.00	25.93 0.46 0.00	23.52 0.51 0.00	21.97 0.18 0.00
LI_NEWBRDGE___DRP 323616	29.49 1.05 0.00	27.81 1.14 0.00	23.32 1.08 0.00	23.58 1.03 0.00	25.17 1.10 0.00	26.98 1.05 0.00	29.72 1.04 0.00	33.80 1.26 0.00	35.18 1.59 0.00	31.63 1.31 0.00	31.49 1.63 0.00	36.11 1.49 0.00	39.74 1.87 0.00	38.90 1.95 0.31	38.67 2.27 1.18	27.03 2.10 -0.01	54.23 2.31 -22.69	32.78 2.06 0.00	29.13 1.62 0.00	30.00 1.50 0.00	35.93 1.78 0.00	26.67 1.20 0.00	24.28 1.27 0.00	22.95 1.17 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.46 -0.98 0.00	25.73 -0.93 0.00	21.28 -0.95 0.00	21.56 -0.98 0.00	23.02 -1.05 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.48 0.00	31.13 -1.45 1.01	28.10 -1.17 1.05	28.69 -1.16 0.00	32.90 -1.72 0.00	36.25 -1.62 0.00	34.97 -1.32 0.99	33.70 -2.63 1.25	21.01 -2.40 1.52	26.71 -2.52 0.00	28.14 -2.58 0.00	25.23 -2.28 0.00	27.12 -1.37 0.00	32.21 -1.94 0.00	24.34 -1.14 0.00	22.07 -0.94 0.00	20.93 -0.85 0.00
LOCKPORT___CC1 323769	27.45 -0.99 0.00	25.74 -0.93 0.00	21.29 -0.95 0.00	21.57 -0.98 0.00	23.02 -1.04 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.48 0.00	30.91 -1.46 1.22	27.85 -1.21 1.27	28.66 -1.19 0.00	32.86 -1.77 0.00	36.21 -1.66 0.00	34.70 -1.38 1.19	33.41 -2.68 1.50	20.67 -2.41 1.84	26.70 -2.53 0.00	28.12 -2.60 0.00	25.20 -2.31 0.00	27.09 -1.40 0.00	32.14 -2.01 0.00	24.30 -1.18 0.00	22.00 -1.00 0.00	20.88 -0.90 0.00
LOCKPORT___CC2 323770	27.45 -0.99 0.00	25.74 -0.93 0.00	21.29 -0.95 0.00	21.57 -0.98 0.00	23.02 -1.04 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.48 0.00	30.91 -1.46 1.22	27.85 -1.21 1.27	28.66 -1.19 0.00	32.86 -1.77 0.00	36.21 -1.66 0.00	34.70 -1.38 1.19	33.41 -2.68 1.50	20.67 -2.41 1.84	26.70 -2.53 0.00	28.12 -2.60 0.00	25.20 -2.31 0.00	27.09 -1.40 0.00	32.14 -2.01 0.00	24.30 -1.18 0.00	22.00 -1.00 0.00	20.88 -0.90 0.00
LOCKPORT___CC3 323771	27.45 -0.99 0.00	25.74 -0.93 0.00	21.29 -0.95 0.00	21.57 -0.98 0.00	23.02 -1.04 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.48 0.00	30.91 -1.46 1.22	27.85 -1.21 1.27	28.66 -1.19 0.00	32.86 -1.77 0.00	36.21 -1.66 0.00	34.70 -1.38 1.19	33.41 -2.68 1.50	20.67 -2.41 1.84	26.70 -2.53 0.00	28.12 -2.60 0.00	25.20 -2.31 0.00	27.09 -1.40 0.00	32.14 -2.01 0.00	24.30 -1.18 0.00	22.00 -1.00 0.00	20.88 -0.90 0.00
LOCUSVLY_69_KV_BK2 55797	29.83 1.38 0.00	28.13 1.47 0.00	23.58 1.34 0.00	23.86 1.31 0.00	25.45 1.39 0.00	27.30 1.37 0.00	30.08 1.40 0.00	34.23 1.68 0.00	35.58 1.98 0.00	32.01 1.69 0.00	31.81 1.96 0.00	36.49 1.86 0.00	40.25 2.37 0.00	39.94 2.42 -0.24	41.26 2.76 -0.92	27.30 2.37 -0.01	54.59 2.66 -22.69	33.12 2.40 0.00	29.41 1.91 0.00	30.31 1.81 0.00	36.29 2.14 0.00	26.95 1.47 0.00	24.51 1.50 0.00	23.21 1.43 0.00
LONG_LAKE_PHOENIX 24014	27.91 -0.54 0.00	26.19 -0.47 0.00	21.85 -0.38 0.00	22.16 -0.39 0.00	23.64 -0.42 0.00	25.40 -0.52 0.00	28.02 -0.65 0.00	31.79 -0.75 0.00	32.90 -0.70 0.00	29.68 -0.64 0.00	29.19 -0.67 0.00	33.56 -1.06 0.00	36.73 -1.15 0.00	36.28 -0.99 0.00	36.46 -1.12 0.00	24.15 -0.78 0.00	28.52 -0.71 0.00	29.99 -0.72 0.00	26.83 -0.67 0.00	27.89 -0.60 0.00	33.30 -0.85 0.00	24.88 -0.59 0.00	22.49 -0.52 0.00	21.33 -0.46 0.00
LOVETT___3 23632	29.60 1.16 0.00	27.93 1.27 0.00	23.39 1.16 0.00	23.71 1.17 0.00	25.32 1.26 0.00	27.15 1.23 0.00	29.92 1.25 0.00	34.04 1.50 0.00	35.44 1.85 0.00	31.95 1.62 0.00	31.48 1.63 0.00	36.32 1.69 0.00	39.85 1.98 0.00	39.30 2.03 0.00	39.98 2.40 0.00	26.82 1.89 -0.01	53.14 2.31 -21.59	32.96 2.24 0.00	29.37 1.86 0.00	30.25 1.75 0.00	36.25 2.09 0.00	26.93 1.46 0.00	24.38 1.37 0.00	23.08 1.30 0.00
LOVETT___4 23642	29.60 1.16 0.00	27.93 1.27 0.00	23.39 1.16 0.00	23.71 1.17 0.00	25.32 1.26 0.00	27.15 1.23 0.00	29.92 1.25 0.00	34.04 1.50 0.00	35.44 1.85 0.00	31.95 1.62 0.00	31.48 1.63 0.00	36.32 1.69 0.00	39.85 1.98 0.00	39.30 2.03 0.00	39.98 2.40 0.00	26.82 1.89 -0.01	53.14 2.31 -21.59	32.96 2.24 0.00	29.37 1.86 0.00	30.25 1.75 0.00	36.25 2.09 0.00	26.93 1.46 0.00	24.38 1.37 0.00	23.08 1.30 0.00
LOVETT___5 23593	29.60 1.16 0.00	27.93 1.27 0.00	23.39 1.16 0.00	23.71 1.17 0.00	25.32 1.26 0.00	27.15 1.23 0.00	29.92 1.25 0.00	34.04 1.50 0.00	35.44 1.85 0.00	31.95 1.62 0.00	31.48 1.63 0.00	36.32 1.69 0.00	39.85 1.98 0.00	39.30 2.03 0.00	39.98 2.40 0.00	26.82 1.89 -0.01	53.14 2.31 -21.59	32.96 2.24 0.00	29.37 1.86 0.00	30.25 1.75 0.00	36.25 2.09 0.00	26.93 1.46 0.00	24.38 1.37 0.00	23.08 1.30 0.00
LOWER RAQUET___HYD 24057	28.89 0.45 0.00	26.85 0.19 0.00	22.19 -0.05 0.00	22.39 -0.15 0.00	23.79 -0.27 0.00	25.71 -0.22 0.00	28.67 -0.01 0.00	32.59 0.05 0.00	37.12 -0.14 -3.66	38.34 -0.07 -8.08	29.45 -0.40 0.00	34.68 0.05 0.00	37.67 -0.21 0.00	36.92 -0.35 0.00	36.92 -0.66 0.00	24.33 -0.59 0.00	28.68 -0.56 0.00	30.54 -0.18 0.00	27.41 -0.10 0.00	28.25 -0.25 0.00	33.96 -0.19 0.00	25.35 -0.13 0.00	23.11 0.10 0.00	21.60 -0.18 0.00
LOWER___HUDSON 24059	29.17 0.73 0.00	27.55 0.89 0.00	23.04 0.80 0.00	23.45 0.91 0.00	25.03 0.97 0.00	26.78 0.85 0.00	29.39 0.71 0.00	33.42 0.88 0.00	34.51 0.92 0.00	31.06 0.74 0.00	30.49 0.63 0.00	35.22 0.59 0.00	38.36 0.49 0.00	37.73 0.46 0.00	38.47 0.89 0.00	25.69 0.77 0.00	27.39 0.95 2.79	31.71 0.99 0.00	28.48 0.98 0.00	29.34 0.84 0.00	35.30 1.15 0.00	26.31 0.83 0.00	23.78 0.77 0.00	22.56 0.78 0.00
LOWVILLE_115KV_TB2 356335	28.88 0.44 0.00	26.77 0.10 0.00	22.25 0.01 0.00	22.30 -0.24 0.00	23.58 -0.48 0.00	25.37 -0.56 0.00	28.16 -0.51 0.00	32.11 -0.44 0.00	34.21 -0.39 -1.01	32.27 -0.29 -2.24	29.41 -0.44 0.00	33.88 -0.74 0.00	37.04 -0.83 0.00	36.41 -0.85 0.00	36.90 -0.68 0.00	24.33 -0.60 0.00	29.26 0.03 0.00	31.47 0.75 0.00	28.15 0.65 0.00	28.69 0.20 0.00	34.32 0.17 0.00	25.58 0.10 0.00	23.70 0.69 0.00	22.03 0.24 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.66 1.22 0.00	27.96 1.30 0.00	23.38 1.15 0.00	23.78 1.23 0.00	25.39 1.33 0.00	27.23 1.30 0.00	29.95 1.27 0.00	34.04 1.49 0.00	35.19 1.60 0.00	31.70 1.37 0.00	31.16 1.31 0.00	36.02 1.39 0.00	39.19 1.31 0.00	38.46 1.20 0.00	39.11 1.53 0.00	26.06 1.14 0.00	28.12 1.45 2.57	32.30 1.58 0.00	29.05 1.55 0.00	29.96 1.47 0.00	36.00 1.84 0.00	26.84 1.36 0.00	24.22 1.21 0.00	22.94 1.16 0.00

LUTHERNY_35_KV_BK2 355980	29.68 1.24 0.00	27.98 1.32 0.00	23.37 1.14 0.00	23.78 1.23 0.00	25.41 1.34 0.00	27.26 1.33 0.00	29.97 1.30 0.00	34.06 1.51 0.00	35.21 1.62 0.00	31.72 1.39 0.00	31.18 1.33 0.00	36.02 1.40 0.00	39.24 1.36 0.00	38.47 1.20 0.00	39.13 1.55 0.00	26.08 1.15 0.00	28.13 1.47 2.57	32.36 1.65 0.00	29.07 1.57 0.00	29.99 1.50 0.00	36.02 1.86 0.00	26.85 1.38 0.00	24.24 1.22 0.00	22.95 1.17 0.00
LWR___OSWEGATCHIE_HYD 23850	28.86 0.42 0.00	26.79 0.13 0.00	22.20 -0.03 0.00	22.32 -0.22 0.00	23.65 -0.41 0.00	25.43 -0.49 0.00	28.28 -0.40 0.00	32.24 -0.30 0.00	35.74 -0.33 -2.47	35.52 -0.26 -5.46	29.30 -0.55 0.00	34.15 -0.48 0.00	37.13 -0.75 0.00	36.44 -0.83 0.00	36.64 -0.94 0.00	24.15 -0.77 0.00	28.98 -0.26 0.00	31.14 0.42 0.00	27.82 0.31 0.00	28.45 -0.04 0.00	34.08 -0.07 0.00	25.43 -0.05 0.00	23.48 0.47 0.00	21.84 0.06 0.00
LYONS_FALL_HYD 23570	28.89 0.45 0.00	26.89 0.23 0.00	22.40 0.16 0.00	22.55 0.00 0.00	23.93 -0.13 0.00	25.75 -0.18 0.00	28.55 -0.13 0.00	32.52 -0.03 0.00	34.28 0.03 -0.66	31.82 0.05 -1.45	29.82 -0.04 0.00	34.36 -0.26 0.00	37.55 -0.32 0.00	36.94 -0.33 0.00	37.35 -0.23 0.00	24.68 -0.25 0.00	29.46 0.23 0.00	31.40 0.69 0.00	28.15 0.64 0.00	28.89 0.40 0.00	34.57 0.42 0.00	25.77 0.30 0.00	23.64 0.63 0.00	22.11 0.33 0.00
MADISON___COUNTY_LFGE 323628	29.02 0.58 0.00	27.19 0.53 0.00	22.69 0.45 0.00	22.99 0.44 0.00	24.52 0.46 0.00	26.40 0.47 0.00	29.21 0.54 0.00	33.23 0.69 0.00	34.40 0.81 0.00	30.98 0.65 0.00	30.50 0.64 0.00	35.00 0.37 0.00	38.23 0.36 0.00	37.69 0.42 0.00	37.91 0.33 0.00	25.05 0.13 0.00	29.67 0.43 0.00	31.28 0.57 0.00	28.15 0.64 0.00	29.28 0.79 0.00	34.99 0.84 0.00	26.09 0.62 0.00	23.63 0.62 0.00	22.31 0.53 0.00
MALONE___115KV_TB1 356076	28.84 0.40 0.00	26.83 0.16 0.00	22.18 -0.06 0.00	22.37 -0.18 0.00	23.80 -0.26 0.00	25.80 -0.13 0.00	28.65 -0.02 0.00	32.58 0.04 0.00	48.54 -0.30 -15.24	63.80 -0.13 -33.61	29.97 0.12 0.00	35.02 0.40 0.00	38.13 0.25 0.00	37.15 -0.12 0.00	37.60 0.02 0.00	24.91 -0.01 0.00	29.25 0.02 0.00	30.98 0.26 0.00	27.85 0.35 0.00	28.77 0.28 0.00	34.47 0.32 0.00	25.69 0.21 0.00	23.10 0.09 0.00	21.65 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	28.89 0.44 0.00	27.23 0.56 0.00	22.90 0.66 0.00	23.41 0.87 0.00	24.97 0.91 0.00	26.67 0.74 0.00	29.31 0.63 0.00	33.32 0.78 0.00	34.29 0.69 0.00	30.82 0.49 0.00	30.24 0.39 0.00	34.98 0.36 0.00	38.16 0.29 0.00	37.68 0.42 0.00	38.37 0.79 0.00	25.62 0.69 0.00	27.39 0.86 2.70	31.58 0.86 0.00	28.32 0.81 0.00	29.16 0.67 0.00	35.08 0.93 0.00	26.17 0.70 0.00	23.68 0.67 0.00	22.46 0.68 0.00
MAPLE_RIDGE_WT_1 323574	28.23 -0.22 0.00	26.42 -0.24 0.00	21.99 -0.25 0.00	22.10 -0.44 0.00	23.53 -0.53 0.00	25.33 -0.60 0.00	28.05 -0.62 0.00	31.90 -0.65 0.00	32.50 -0.66 0.44	28.85 -0.51 0.96	29.39 -0.46 0.00	34.22 -0.41 0.00	37.40 -0.47 0.00	36.75 -0.51 0.00	37.14 -0.44 0.00	24.63 -0.29 0.00	28.91 -0.33 0.00	30.45 -0.27 0.00	27.29 -0.21 0.00	28.26 -0.23 0.00	33.86 -0.29 0.00	25.17 -0.31 0.00	22.83 -0.18 0.00	21.57 -0.22 0.00
MAPLE_RIDGE_WT_2 323611	28.23 -0.22 0.00	26.42 -0.24 0.00	21.99 -0.25 0.00	22.10 -0.44 0.00	23.53 -0.53 0.00	25.33 -0.60 0.00	28.05 -0.62 0.00	31.90 -0.65 0.00	32.50 -0.66 0.44	28.85 -0.51 0.96	29.39 -0.46 0.00	34.22 -0.41 0.00	37.40 -0.47 0.00	36.75 -0.51 0.00	37.14 -0.44 0.00	24.63 -0.29 0.00	28.91 -0.33 0.00	30.45 -0.27 0.00	27.29 -0.21 0.00	28.26 -0.23 0.00	33.86 -0.29 0.00	25.17 -0.31 0.00	22.83 -0.18 0.00	21.57 -0.22 0.00
MARBLE_RIVER_WT_PWR 323696	28.58 0.13 0.00	26.62 -0.04 0.00	22.02 -0.22 0.00	22.21 -0.34 0.00	23.63 -0.44 0.00	25.52 -0.41 0.00	28.27 -0.40 0.00	32.06 -0.48 0.00	13.53 -0.85 19.22	-12.70 -0.64 42.39	29.49 -0.37 0.00	34.56 -0.07 0.00	37.79 -0.08 0.00	36.81 -0.46 0.00	37.22 -0.36 0.00	24.71 -0.21 0.00	29.00 -0.23 0.00	30.70 -0.02 0.00	27.52 0.02 0.00	28.41 -0.08 0.00	33.99 -0.17 0.00	25.33 -0.15 0.00	22.82 -0.19 0.00	21.41 -0.37 0.00
MARSHVLE_115KV_TB1 80742	29.72 1.27 0.00	27.72 1.06 0.00	23.08 0.85 0.00	23.24 0.69 0.00	24.83 0.77 0.00	26.75 0.82 0.00	29.84 1.17 0.00	33.96 1.41 0.00	34.93 1.34 0.00	31.68 1.35 0.00	31.36 1.50 0.00	36.37 1.74 0.00	39.36 1.49 0.00	38.49 1.22 0.00	38.72 1.14 0.00	25.47 0.55 0.00	28.61 1.01 1.63	32.13 1.41 0.00	28.65 1.15 0.00	29.87 1.37 0.00	35.85 1.70 0.00	26.68 1.21 0.00	23.91 0.90 0.00	22.60 0.82 0.00
MARSH_HILL_WT_PWR 323713	27.41 -1.03 0.00	25.81 -0.85 0.00	21.48 -0.75 0.00	21.67 -0.88 0.00	23.22 -0.84 0.00	25.36 -0.57 0.00	28.10 -0.57 0.00	31.78 -0.76 0.00	36.90 -0.98 -4.28	33.67 -1.11 -4.46	28.96 -0.90 0.00	32.84 -1.79 0.00	36.06 -1.81 0.00	40.02 -1.45 -4.20	40.89 -1.98 -5.29	30.07 -1.64 -6.79	27.76 -1.48 0.00	29.68 -1.04 0.00	26.54 -0.97 0.00	27.67 -0.82 0.00	32.78 -1.37 0.00	24.62 -0.86 0.00	22.17 -0.84 0.00	20.87 -0.92 0.00
MCINTYRE_115KV_TB2 80467	29.37 0.93 0.00	27.31 0.64 0.00	22.53 0.29 0.00	22.81 0.26 0.00	24.31 0.25 0.00	26.56 0.63 0.00	29.67 0.99 0.00	33.55 1.00 0.00	37.10 0.55 -2.96	37.33 0.48 -6.52	30.02 0.16 0.00	35.11 0.48 0.00	38.38 0.51 0.00	37.52 0.25 0.00	37.82 0.24 0.00	24.95 0.03 0.00	29.40 0.16 0.00	31.47 0.75 0.00	28.34 0.84 0.00	29.06 0.57 0.00	35.19 1.04 0.00	26.27 0.79 0.00	23.65 0.64 0.00	22.10 0.32 0.00
MECO_____69_KV_BK1 80468	29.95 1.50 0.00	28.08 1.42 0.00	23.43 1.19 0.00	23.69 1.15 0.00	25.31 1.24 0.00	27.24 1.31 0.00	30.29 1.61 0.00	34.47 1.93 0.00	35.50 1.90 0.00	32.13 1.81 0.00	31.75 1.89 0.00	36.75 2.12 0.00	39.62 1.75 0.00	38.48 1.21 0.00	38.75 1.17 0.00	25.47 0.55 0.00	28.47 1.16 1.92	32.52 1.80 0.00	29.16 1.66 0.00	30.32 1.83 0.00	36.42 2.27 0.00	27.13 1.65 0.00	24.35 1.34 0.00	23.01 1.23 0.00
MENANDS___115KV_TB5 355628	28.73 0.29 0.00	27.10 0.43 0.00	22.80 0.57 0.00	23.34 0.80 0.00	24.88 0.82 0.00	26.57 0.64 0.00	29.18 0.50 0.00	33.17 0.62 0.00	34.12 0.53 0.00	30.73 0.40 0.00	30.16 0.31 0.00	34.87 0.25 0.00	38.04 0.16 0.00	37.46 0.19 0.00	38.17 0.59 0.00	25.49 0.57 0.00	27.23 0.71 2.71	31.40 0.69 0.00	28.14 0.63 0.00	28.96 0.47 0.00	34.84 0.69 0.00	26.00 0.53 0.00	23.54 0.53 0.00	22.35 0.56 0.00
MG INDUSTRY___DRP 24185	28.82 0.38 0.00	27.17 0.51 0.00	22.87 0.63 0.00	23.35 0.80 0.00	24.91 0.84 0.00	26.58 0.66 0.00	29.23 0.56 0.00	33.20 0.66 0.00	34.18 0.59 0.00	30.81 0.49 0.00	30.27 0.41 0.00	35.01 0.38 0.00	38.20 0.33 0.00	37.57 0.30 0.00	38.16 0.58 0.00	25.44 0.51 0.00	28.29 0.70 1.64	31.37 0.65 0.00	28.15 0.65 0.00	29.05 0.56 0.00	34.93 0.78 0.00	26.06 0.58 0.00	23.57 0.56 0.00	22.36 0.58 0.00

MID___OSWEGATCHIE_HYD 23849	28.86 0.42 0.00	26.79 0.13 0.00	22.20 -0.03 0.00	22.32 -0.22 0.00	23.65 -0.41 0.00	25.43 -0.49 0.00	28.28 -0.40 0.00	32.24 -0.30 0.00	35.74 -0.33 -2.47	35.52 -0.26 -5.46	29.30 -0.55 0.00	34.15 -0.48 0.00	37.13 -0.75 0.00	36.44 -0.83 0.00	36.64 -0.94 0.00	24.15 -0.77 0.00	28.98 -0.26 0.00	31.14 0.42 0.00	27.82 0.31 0.00	28.45 -0.04 0.00	34.08 -0.07 0.00	25.43 -0.05 0.00	23.48 0.47 0.00	21.84 0.06 0.00
MID___RAQUETTE_HYD 23851	28.89 0.45 0.00	26.85 0.19 0.00	22.19 -0.05 0.00	22.39 -0.16 0.00	23.79 -0.27 0.00	25.71 -0.22 0.00	28.67 -0.01 0.00	32.59 0.05 0.00	37.12 -0.14 -3.66	38.34 -0.07 -8.08	29.45 -0.40 0.00	34.68 0.05 0.00	37.66 -0.21 0.00	36.92 -0.35 0.00	36.92 -0.66 0.00	24.33 -0.59 0.00	28.67 -0.56 0.00	30.54 -0.18 0.00	27.41 -0.10 0.00	28.25 -0.25 0.00	33.96 -0.19 0.00	25.35 -0.13 0.00	23.11 0.10 0.00	21.60 -0.18 0.00
MILLIKEN___1 23584	28.69 0.25 0.00	26.93 0.26 0.00	22.51 0.27 0.00	22.81 0.27 0.00	24.37 0.31 0.00	26.21 0.29 0.00	29.01 0.34 0.00	32.92 0.38 0.00	34.38 0.46 -0.32	30.96 0.30 -0.34	30.04 0.19 0.00	34.09 -0.54 0.00	37.26 -0.62 0.00	37.24 -0.34 -0.32	37.29 -0.69 -0.40	24.91 -0.62 -0.61	28.92 -0.32 0.00	30.43 -0.29 0.00	27.29 -0.21 0.00	28.60 0.11 0.00	34.10 -0.05 0.00	25.51 0.04 0.00	23.04 0.03 0.00	21.89 0.11 0.00
MILLIKEN___2 23585	28.69 0.25 0.00	26.93 0.26 0.00	22.51 0.27 0.00	22.81 0.27 0.00	24.37 0.31 0.00	26.21 0.29 0.00	29.01 0.34 0.00	32.92 0.38 0.00	34.38 0.46 -0.32	30.96 0.30 -0.34	30.04 0.19 0.00	34.09 -0.54 0.00	37.26 -0.62 0.00	37.24 -0.34 -0.32	37.29 -0.69 -0.40	24.91 -0.62 -0.61	28.92 -0.32 0.00	30.43 -0.29 0.00	27.29 -0.21 0.00	28.60 0.11 0.00	34.10 -0.05 0.00	25.51 0.04 0.00	23.04 0.03 0.00	21.89 0.11 0.00
MILLIKEN___DIESEL 23629	28.69 0.25 0.00	26.93 0.26 0.00	22.51 0.27 0.00	22.81 0.27 0.00	24.37 0.31 0.00	26.21 0.29 0.00	29.01 0.34 0.00	32.92 0.38 0.00	34.38 0.46 -0.32	30.96 0.30 -0.34	30.04 0.19 0.00	34.09 -0.54 0.00	37.26 -0.62 0.00	37.24 -0.34 -0.32	37.29 -0.69 -0.40	24.91 -0.62 -0.61	28.92 -0.32 0.00	30.43 -0.29 0.00	27.29 -0.21 0.00	28.60 0.11 0.00	34.10 -0.05 0.00	25.51 0.04 0.00	23.04 0.03 0.00	21.89 0.11 0.00
MILLSEAT___LFGE 323607	28.03 -0.42 0.00	26.26 -0.40 0.00	21.74 -0.50 0.00	22.02 -0.53 0.00	23.51 -0.55 0.00	25.57 -0.36 0.00	28.36 -0.31 0.00	31.90 -0.64 0.00	32.16 -0.63 0.81	28.84 -0.64 0.84	29.12 -0.74 0.00	33.46 -1.17 0.00	36.98 -0.90 0.00	35.98 -0.46 0.82	35.01 -1.53 1.04	21.90 -1.81 1.21	27.42 -1.81 0.00	29.12 -1.60 0.00	26.18 -1.33 0.00	27.98 -0.51 0.00	33.21 -0.95 0.00	25.03 -0.45 0.00	22.63 -0.38 0.00	21.44 -0.35 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.65 1.21 0.00	27.99 1.33 0.00	23.44 1.21 0.00	23.76 1.21 0.00	25.37 1.31 0.00	27.20 1.28 0.00	29.96 1.29 0.00	34.12 1.57 0.00	35.51 1.92 0.00	32.01 1.68 0.00	31.54 1.68 0.00	36.39 1.77 0.00	39.93 2.06 0.00	39.35 2.09 0.00	40.02 2.44 0.00	26.88 1.94 -0.01	55.12 2.36 -23.52	33.00 2.28 0.00	29.39 1.89 0.00	30.27 1.78 0.00	36.28 2.13 0.00	26.96 1.49 0.00	24.40 1.39 0.00	23.10 1.32 0.00
MILLWOOD_13_KV_LOAD 356217	29.69 1.25 0.00	28.03 1.37 0.00	23.47 1.24 0.00	23.79 1.24 0.00	25.40 1.34 0.00	27.24 1.31 0.00	30.01 1.34 0.00	34.16 1.61 0.00	35.56 1.97 0.00	32.06 1.73 0.00	31.58 1.73 0.00	36.45 1.82 0.00	39.99 2.12 0.00	39.42 2.15 0.00	40.09 2.51 0.00	26.92 1.98 -0.01	55.17 2.41 -23.52	33.05 2.33 0.00	29.44 1.94 0.00	30.32 1.83 0.00	36.34 2.19 0.00	27.00 1.52 0.00	24.44 1.43 0.00	23.13 1.35 0.00
MODEL_CITY_ENERGY 24167	27.22 -1.22 0.00	25.50 -1.17 0.00	21.08 -1.16 0.00	21.36 -1.19 0.00	22.79 -1.27 0.00	24.78 -1.15 0.00	27.41 -1.27 0.00	30.74 -1.81 0.00	30.85 -1.77 0.97	27.88 -1.44 1.01	28.44 -1.41 0.00	32.59 -2.03 0.00	35.92 -1.95 0.00	34.64 -1.68 0.95	33.35 -3.04 1.19	20.82 -2.65 1.45	26.42 -2.81 0.00	27.79 -2.93 0.00	24.90 -2.61 0.00	26.83 -1.66 0.00	31.86 -2.29 0.00	24.09 -1.38 0.00	21.85 -1.16 0.00	20.76 -1.02 0.00
MODERN_LFGE___ 323580	27.22 -1.22 0.00	25.50 -1.17 0.00	21.08 -1.16 0.00	21.36 -1.19 0.00	22.79 -1.27 0.00	24.78 -1.15 0.00	27.41 -1.27 0.00	30.74 -1.81 0.00	30.85 -1.77 0.97	27.88 -1.44 1.01	28.44 -1.41 0.00	32.59 -2.03 0.00	35.92 -1.95 0.00	34.64 -1.68 0.95	33.35 -3.04 1.19	20.82 -2.65 1.45	26.42 -2.81 0.00	27.79 -2.93 0.00	24.90 -2.61 0.00	26.83 -1.66 0.00	31.86 -2.29 0.00	24.09 -1.38 0.00	21.85 -1.16 0.00	20.76 -1.02 0.00
MOHAWK_PAPER___DRP 24187	28.89 0.44 0.00	27.23 0.56 0.00	22.90 0.66 0.00	23.41 0.87 0.00	24.97 0.91 0.00	26.67 0.74 0.00	29.31 0.63 0.00	33.32 0.78 0.00	34.29 0.69 0.00	30.82 0.49 0.00	30.24 0.39 0.00	34.98 0.36 0.00	38.16 0.29 0.00	37.68 0.42 0.00	38.37 0.79 0.00	25.62 0.69 0.00	27.39 0.86 2.70	31.58 0.86 0.00	28.32 0.81 0.00	29.16 0.67 0.00	35.08 0.93 0.00	26.17 0.70 0.00	23.68 0.67 0.00	22.46 0.68 0.00
MOHICAN___35_KV_115KV_LD 80490	30.10 1.66 0.00	28.37 1.71 0.00	23.70 1.46 0.00	24.08 1.54 0.00	25.75 1.69 0.00	27.67 1.74 0.00	30.41 1.73 0.00	34.56 2.02 0.00	35.78 2.18 0.00	32.20 1.87 0.00	31.67 1.82 0.00	36.56 1.93 0.00	39.55 1.68 0.00	38.87 1.61 0.00	39.57 1.99 0.00	26.38 1.46 0.00	28.52 1.85 2.56	32.80 2.09 0.00	29.63 2.12 0.00	30.51 2.02 0.00	36.60 2.45 0.00	27.31 1.84 0.00	24.62 1.61 0.00	23.29 1.51 0.00
MONGAUP___HYD 23641	29.53 1.08 0.00	27.81 1.15 0.00	23.29 1.05 0.00	23.60 1.05 0.00	25.20 1.14 0.00	27.13 1.20 0.00	29.93 1.25 0.00	34.07 1.53 0.00	35.41 1.82 0.00	31.93 1.60 0.00	31.43 1.57 0.00	36.28 1.65 0.00	39.47 1.59 0.00	38.56 1.29 0.00	39.21 1.62 0.00	26.24 1.31 -0.01	48.03 1.26 -17.54	31.92 1.20 0.00	28.53 1.03 0.00	29.46 0.97 0.00	35.72 1.57 0.00	26.95 1.48 0.00	24.42 1.41 0.00	23.06 1.28 0.00
MONTAUK___DIESEL 23721	29.35 0.91 0.00	27.45 0.79 0.00	22.95 0.71 0.00	23.08 0.53 0.00	24.91 0.85 0.00	26.52 0.59 0.00	29.56 0.88 0.00	34.22 1.68 0.00	35.45 1.86 0.00	31.80 1.48 0.00	31.87 2.01 0.00	36.39 1.76 0.00	40.12 2.24 0.00	39.20 2.13 0.19	39.60 2.73 0.71	27.60 2.67 -0.01	54.97 3.05 -22.69	33.65 2.93 0.00	29.91 2.40 0.00	30.94 2.45 0.00	36.69 2.54 0.00	26.78 1.30 0.00	24.68 1.67 0.00	23.31 1.53 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.40 -0.04 0.00	26.53 -0.13 0.00	21.97 -0.26 0.00	22.18 -0.37 0.00	23.61 -0.45 0.00	25.64 -0.29 0.00	28.55 -0.13 0.00	32.07 -0.47 0.00	33.06 -0.12 0.41	29.82 -0.08 0.42	29.97 0.11 0.00	34.49 -0.14 0.00	37.38 -0.49 0.00	37.23 0.36 0.40	36.29 -0.79 0.50	23.46 -0.90 0.56	28.43 -0.80 0.00	29.97 -0.75 0.00	26.65 -0.86 0.00	27.90 -0.59 0.00	33.39 -0.76 0.00	24.61 -0.86 0.00	22.26 -0.75 0.00	21.16 -0.63 0.00

MORRIS_RIDGE___SOLAR 323848	27.53 -0.91 0.00	25.89 -0.78 0.00	21.54 -0.70 0.00	21.76 -0.79 0.00	23.31 -0.76 0.00	25.32 -0.61 0.00	28.00 -0.67 0.00	31.49 -1.06 0.00	23.52 -1.37 8.70	19.74 -1.53 9.06	28.49 -1.36 0.00	32.31 -2.32 0.00	35.62 -2.25 0.00	26.80 -1.94 8.53	24.44 -2.39 10.75	9.35 -2.01 13.56	27.21 -2.02 0.00	29.11 -1.61 0.00	25.99 -1.52 0.00	27.36 -1.14 0.00	32.39 -1.76 0.00	24.37 -1.10 0.00	21.95 -1.06 0.00	20.78 -1.01 0.00
MORTIMER_115KV_TB3 55949	28.01 -0.44 0.00	26.28 -0.38 0.00	21.83 -0.41 0.00	22.12 -0.42 0.00	23.62 -0.45 0.00	25.56 -0.37 0.00	28.27 -0.40 0.00	31.94 -0.60 0.00	33.08 -0.51 0.00	29.95 -0.37 0.00	29.45 -0.41 0.00	33.96 -0.66 0.00	37.42 -0.45 0.00	37.06 -0.20 0.00	36.64 -0.94 0.00	23.83 -1.09 0.00	28.12 -1.11 0.00	29.68 -1.04 0.00	26.61 -0.90 0.00	28.08 -0.41 0.00	33.39 -0.76 0.00	25.05 -0.42 0.00	22.66 -0.35 0.00	21.44 -0.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.76 1.31 0.00	28.12 1.46 0.00	23.55 1.32 0.00	23.85 1.31 0.00	25.48 1.42 0.00	27.32 1.39 0.00	30.12 1.45 0.00	34.31 1.76 0.00	35.74 2.15 0.00	32.22 1.90 0.00	31.74 1.89 0.00	36.63 2.00 0.00	40.21 2.34 0.00	39.63 2.36 0.00	40.30 2.72 0.00	27.08 2.15 -0.01	54.55 2.59 -22.72	33.22 2.50 0.00	29.56 2.06 0.00	30.42 1.93 0.00	36.46 2.30 0.00	27.10 1.62 0.00	24.52 1.51 0.00	23.22 1.44 0.00
MUNSVILLE_WIND_PWR 323609	29.38 0.93 0.00	27.42 0.75 0.00	22.84 0.60 0.00	23.10 0.56 0.00	24.59 0.53 0.00	26.60 0.67 0.00	29.72 1.04 0.00	34.04 1.50 0.00	35.87 2.04 -0.23	32.24 1.67 -0.24	31.47 1.62 0.00	35.65 1.02 0.00	38.96 1.08 0.00	38.77 1.27 -0.23	38.38 0.51 -0.29	25.73 0.32 -0.49	31.04 1.13 -0.68	31.81 1.10 0.00	28.52 1.02 0.00	29.97 1.47 0.00	35.82 1.66 0.00	26.53 1.05 0.00	23.95 0.94 0.00	22.96 1.18 0.00
N SALMON___HYD 24042	28.84 0.40 0.00	26.83 0.16 0.00	22.18 -0.06 0.00	22.37 -0.18 0.00	23.80 -0.26 0.00	25.80 -0.13 0.00	28.65 -0.02 0.00	32.58 0.04 0.00	48.53 -0.30 -15.24	63.80 -0.13 -33.61	29.97 0.12 0.00	35.02 0.40 0.00	38.13 0.25 0.00	37.15 -0.12 0.00	37.60 0.02 0.00	24.91 -0.01 0.00	29.25 0.02 0.00	30.98 0.26 0.00	27.85 0.35 0.00	28.77 0.28 0.00	34.47 0.32 0.00	25.68 0.21 0.00	23.10 0.09 0.00	21.65 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	27.96 -0.48 0.00	26.21 -0.46 0.00	21.69 -0.55 0.00	21.97 -0.57 0.00	23.46 -0.60 0.00	25.51 -0.42 0.00	28.29 -0.39 0.00	31.80 -0.74 0.00	32.01 -0.71 0.87	28.73 -0.68 0.91	29.04 -0.81 0.00	33.35 -1.28 0.00	36.81 -1.07 0.00	35.72 -0.67 0.89	34.61 -1.86 1.12	21.71 -1.91 1.30	27.34 -1.90 0.00	29.00 -1.72 0.00	26.05 -1.45 0.00	27.87 -0.63 0.00	33.08 -1.07 0.00	24.94 -0.53 0.00	22.57 -0.43 0.00	21.39 -0.40 0.00
N.E_GEN_SANDY PD 24062	29.83 1.10 -0.29	32.14 1.32 -4.16	27.69 1.06 -4.40	23.76 1.01 -0.20	24.84 1.09 0.31	27.14 0.97 -0.23	29.35 0.79 0.11	33.53 0.99 0.00	34.73 1.13 0.00	31.25 0.93 0.00	30.65 0.81 0.02	35.36 0.74 0.00	38.59 0.71 0.00	38.53 0.69 -0.57	39.40 1.21 -0.61	26.48 1.08 -0.47	28.95 1.31 1.59	30.13 1.30 1.89	29.47 1.21 -0.76	29.24 1.05 0.30	36.68 1.37 -1.16	26.44 0.97 0.00	23.90 0.89 0.00	22.50 0.91 0.20
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.68 1.24 0.00	28.01 1.35 0.00	23.45 1.22 0.00	23.76 1.22 0.00	25.38 1.31 0.00	27.22 1.29 0.00	29.99 1.32 0.00	34.13 1.58 0.00	35.54 1.94 0.00	32.04 1.71 0.00	31.58 1.72 0.00	36.44 1.81 0.00	39.98 2.10 0.00	39.43 2.16 0.00	40.12 2.54 0.00	26.91 1.97 -0.01	52.88 2.41 -21.23	33.07 2.36 0.00	29.48 1.97 0.00	30.36 1.86 0.00	36.38 2.23 0.00	27.02 1.55 0.00	24.46 1.45 0.00	23.14 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	29.72 1.27 0.00	28.04 1.38 0.00	23.51 1.28 0.00	23.79 1.24 0.00	25.42 1.36 0.00	27.25 1.32 0.00	30.10 1.42 -0.01	34.28 1.74 0.00	35.74 2.14 0.00	32.24 1.92 0.00	31.73 1.88 0.00	36.57 1.94 0.00	40.16 2.28 -0.01	39.56 2.29 -0.01	40.24 2.65 0.00	27.05 2.12 -0.01	54.53 2.57 -22.72	33.18 2.47 0.00	29.57 2.07 0.00	30.40 1.91 0.00	36.54 2.39 0.00	27.16 1.69 0.00	24.56 1.55 0.00	23.26 1.48 0.00
N.TROY___115KV_TB1 355778	29.17 0.73 0.00	27.55 0.89 0.00	23.04 0.80 0.00	23.45 0.91 0.00	25.03 0.97 0.00	26.78 0.85 0.00	29.39 0.71 0.00	33.42 0.88 0.00	34.52 0.92 0.00	31.06 0.74 0.00	30.49 0.63 0.00	35.21 0.59 0.00	38.37 0.49 0.00	37.73 0.46 0.00	38.47 0.89 0.00	25.69 0.77 0.00	27.39 0.95 2.79	31.71 0.99 0.00	28.48 0.98 0.00	29.34 0.85 0.00	35.30 1.15 0.00	26.31 0.83 0.00	23.78 0.76 0.00	22.56 0.78 0.00
NARROWS_GT1_1 24228	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT1_2 24229	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT1_3 24230	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT1_4 24231	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT1_5 24232	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00

NARROWS_GT1_6 24233	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT1_7 24234	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT1_8 24235	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_1 24236	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_2 24237	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_3 24238	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_4 24239	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_5 24240	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_6 24241	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_7 24242	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NARROWS_GT2_8 24243	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.34 0.90 0.00	27.61 0.95 0.00	23.20 0.97 0.00	23.70 1.15 0.00	25.27 1.21 0.00	27.00 1.07 0.00	29.69 1.01 0.00	33.84 1.29 0.00	34.71 1.12 0.00	31.29 0.96 0.00	30.76 0.91 0.00	35.59 0.96 0.00	38.65 0.78 0.00	38.11 0.85 0.00	38.70 1.11 0.00	25.73 0.81 0.00	31.30 1.12 -0.95	31.79 1.07 0.00	28.65 1.15 0.00	29.56 1.07 0.00	35.58 1.43 0.00	26.56 1.08 0.00	23.98 0.97 0.00	22.71 0.93 0.00
NCHELSEA_115KV_TR2 355582	29.77 1.32 0.00	28.08 1.42 0.00	23.52 1.28 0.00	23.84 1.29 0.00	25.47 1.41 0.00	27.30 1.37 0.00	30.08 1.40 0.00	34.26 1.71 0.00	35.62 2.03 0.00	32.12 1.80 0.00	31.64 1.79 0.00	36.50 1.88 0.00	40.02 2.15 0.00	39.41 2.14 0.00	40.07 2.49 0.00	26.87 1.94 -0.01	43.79 2.36 -12.19	33.05 2.33 0.00	29.49 1.99 0.00	30.41 1.92 0.00	36.46 2.31 0.00	27.09 1.62 0.00	24.49 1.48 0.00	23.17 1.38 0.00
NEG CAPITAL____MECHNVIL 23645	29.67 1.23 0.00	27.98 1.32 0.00	23.39 1.15 0.00	23.78 1.24 0.00	25.39 1.32 0.00	27.22 1.29 0.00	29.92 1.25 0.00	34.04 1.49 0.00	35.19 1.60 0.00	31.70 1.37 0.00	31.16 1.30 0.00	36.01 1.38 0.00	39.19 1.32 0.00	38.48 1.21 0.00	39.13 1.55 0.00	26.09 1.17 0.00	28.07 1.48 2.64	32.32 1.60 0.00	29.07 1.57 0.00	29.97 1.47 0.00	36.01 1.86 0.00	26.83 1.36 0.00	24.22 1.21 0.00	22.94 1.16 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.56 -0.88 0.00	25.86 -0.80 0.00	21.50 -0.73 0.00	21.79 -0.75 0.00	23.27 -0.79 0.00	25.16 -0.77 0.00	27.85 -0.83 0.00	31.51 -1.04 0.00	32.58 -1.01 0.00	29.47 -0.86 0.00	28.97 -0.88 0.00	33.42 -1.20 0.00	36.80 -1.08 0.00	36.43 -0.83 0.00	36.17 -1.41 0.00	23.63 -1.29 0.00	27.87 -1.36 0.00	29.37 -1.34 0.00	26.31 -1.20 0.00	27.67 -0.82 0.00	32.93 -1.22 0.00	24.67 -0.80 0.00	22.27 -0.74 0.00	21.10 -0.69 0.00



NEG CENTRAL___DRP 24199	28.20 -0.25 0.00	26.45 -0.21 0.00	22.08 -0.16 0.00	22.37 -0.18 0.00	23.90 -0.16 0.00	25.77 -0.16 0.00	28.49 -0.18 0.00	32.28 -0.26 0.00	33.75 -0.25 -0.41	30.46 -0.29 -0.42	29.50 -0.35 0.00	33.83 -0.80 0.00	37.15 -0.73 0.00	37.20 -0.47 -0.40	37.22 -0.87 -0.50	24.89 -0.73 -0.70	28.71 -0.53 0.00	30.22 -0.49 0.00	27.06 -0.44 0.00	28.26 -0.23 0.00	33.64 -0.51 0.00	25.20 -0.27 0.00	22.75 -0.26 0.00	21.55 -0.23 0.00
NEG CENTRAL___INDECK 23768	28.52 0.08 0.00	26.76 0.10 0.00	22.23 0.00 0.00	22.50 -0.05 0.00	24.08 0.02 0.00	26.20 0.27 0.00	29.05 0.38 0.00	32.78 0.24 0.00	37.71 -0.18 -4.31	34.43 -0.38 -4.48	29.53 -0.32 0.00	33.83 -0.80 0.00	37.40 -0.48 0.00	41.26 -0.23 -4.22	41.80 -1.10 -5.32	30.30 -1.43 -6.81	27.57 -1.66 0.00	29.49 -1.23 0.00	26.65 -0.85 0.00	27.99 -0.50 0.00	33.29 -0.86 0.00	24.97 -0.51 0.00	23.01 0.00 0.00	21.80 0.02 0.00
NEG CENTRAL___SENECA 23627	28.23 -0.21 0.00	26.49 -0.17 0.00	22.10 -0.13 0.00	22.37 -0.17 0.00	23.93 -0.14 0.00	25.84 -0.09 0.00	28.62 -0.06 0.00	32.40 -0.14 0.00	34.10 -0.14 -0.65	30.78 -0.22 -0.67	29.56 -0.30 0.00	33.80 -0.82 0.00	37.19 -0.68 0.00	37.50 -0.40 -0.64	37.45 -0.93 -0.80	25.18 -0.82 -1.08	28.69 -0.54 0.00	30.22 -0.50 0.00	27.06 -0.44 0.00	28.32 -0.17 0.00	33.62 -0.53 0.00	25.25 -0.22 0.00	22.78 -0.22 0.00	21.57 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	28.32 -0.12 0.00	26.58 -0.08 0.00	22.20 -0.04 0.00	22.50 -0.05 0.00	24.03 -0.03 0.00	25.87 -0.06 0.00	28.57 -0.11 0.00	32.39 -0.15 0.00	33.48 -0.11 0.00	30.17 -0.16 0.00	29.60 -0.25 0.00	33.91 -0.71 0.00	37.13 -0.75 0.00	36.75 -0.52 -0.01	36.78 -0.80 0.00	24.60 -0.64 -0.31	28.77 -0.47 0.00	30.32 -0.39 0.00	27.15 -0.36 0.00	28.32 -0.17 0.00	33.78 -0.37 0.00	25.25 -0.22 0.00	22.81 -0.20 0.00	21.63 -0.15 0.00
NEG MILLWOOD___DRP 24198	29.80 1.36 0.00	28.12 1.46 0.00	23.55 1.31 0.00	23.86 1.32 0.00	25.49 1.43 0.00	27.35 1.42 0.00	30.14 1.47 0.00	34.34 1.80 0.00	35.73 2.13 0.00	32.21 1.89 0.00	31.73 1.87 0.00	36.61 1.98 0.00	40.14 2.27 0.00	39.54 2.28 0.00	40.17 2.59 0.00	26.95 2.02 -0.01	48.20 2.46 -16.50	33.14 2.42 0.00	29.56 2.05 0.00	30.46 1.97 0.00	36.51 2.35 0.00	27.13 1.66 0.00	24.52 1.51 0.00	23.20 1.41 0.00
NEG NORTH_FLCN_SEA 23793	28.86 0.42 0.00	26.89 0.23 0.00	22.23 0.00 0.00	22.43 -0.12 0.00	23.87 -0.19 0.00	25.76 -0.17 0.00	28.52 -0.15 0.00	32.37 -0.18 0.00	13.70 -0.54 19.35	-12.77 -0.43 42.67	29.76 -0.10 0.00	34.85 0.23 0.00	38.12 0.25 0.00	37.14 -0.12 0.00	37.59 0.01 0.00	24.97 0.04 0.00	29.29 0.05 0.00	31.05 0.33 0.00	27.84 0.34 0.00	28.70 0.21 0.00	34.32 0.17 0.00	25.63 0.15 0.00	23.06 0.05 0.00	21.62 -0.16 0.00
NEG NORTH_KES_CHATEGAY 23792	28.59 0.15 0.00	26.62 -0.04 0.00	22.01 -0.23 0.00	22.20 -0.35 0.00	23.62 -0.44 0.00	25.56 -0.37 0.00	28.34 -0.34 0.00	32.15 -0.39 0.00	11.82 -0.81 20.97	-16.53 -0.61 46.25	29.54 -0.32 0.00	34.61 -0.01 0.00	37.81 -0.06 0.00	36.80 -0.47 0.00	37.22 -0.36 0.00	24.70 -0.22 0.00	28.97 -0.26 0.00	30.67 -0.05 0.00	27.53 0.03 0.00	28.42 -0.07 0.00	34.04 -0.11 0.00	25.38 -0.09 0.00	22.86 -0.15 0.00	21.45 -0.33 0.00
NEG NORTH___ALICE_FALLS 23915	28.89 0.45 0.00	26.91 0.25 0.00	22.25 0.01 0.00	22.44 -0.10 0.00	23.89 -0.17 0.00	25.80 -0.12 0.00	28.61 -0.07 0.00	32.65 0.11 0.00	13.06 -0.22 20.31	-14.72 -0.25 44.79	30.12 0.26 0.00	35.25 0.63 0.00	38.48 0.61 0.00	37.31 0.04 0.00	37.75 0.16 0.00	24.97 0.05 0.00	29.38 0.15 0.00	31.14 0.42 0.00	27.99 0.48 0.00	29.04 0.55 0.00	34.78 0.63 0.00	25.91 0.44 0.00	23.28 0.27 0.00	21.80 0.01 0.00
NEG NORTH___LWR_SARANAC 23913	28.89 0.45 0.00	26.91 0.25 0.00	22.25 0.01 0.00	22.44 -0.10 0.00	23.89 -0.17 0.00	25.80 -0.12 0.00	28.61 -0.07 0.00	32.65 0.11 0.00	13.06 -0.22 20.31	-14.72 -0.25 44.79	30.12 0.26 0.00	35.25 0.63 0.00	38.48 0.61 0.00	37.31 0.04 0.00	37.75 0.16 0.00	24.97 0.05 0.00	29.38 0.15 0.00	31.14 0.42 0.00	27.99 0.48 0.00	29.04 0.55 0.00	34.78 0.63 0.00	25.91 0.44 0.00	23.28 0.27 0.00	21.80 0.01 0.00
NEG NORTH___PLATTSBURG 23628	28.89 0.45 0.00	26.91 0.25 0.00	22.25 0.01 0.00	22.44 -0.10 0.00	23.89 -0.17 0.00	25.80 -0.12 0.00	28.61 -0.07 0.00	32.65 0.11 0.00	13.06 -0.22 20.31	-14.72 -0.25 44.79	30.12 0.26 0.00	35.25 0.62 0.00	38.48 0.61 0.00	37.31 0.04 0.00	37.75 0.16 0.00	24.97 0.05 0.00	29.39 0.16 0.00	31.14 0.42 0.00	27.99 0.48 0.00	29.04 0.55 0.00	34.78 0.63 0.00	25.91 0.44 0.00	23.28 0.27 0.00	21.80 0.01 0.00
NEG WEST_LEA_LOCKPORT 23791	27.45 -1.00 0.00	25.74 -0.93 0.00	21.29 -0.95 0.00	21.57 -0.98 0.00	23.02 -1.04 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.49 0.00	30.91 -1.47 1.22	27.85 -1.21 1.27	28.66 -1.19 0.00	32.85 -1.77 0.00	36.19 -1.68 0.00	34.70 -1.39 1.19	33.40 -2.68 1.50	20.67 -2.42 1.84	26.69 -2.54 0.00	28.12 -2.60 0.00	25.19 -2.31 0.00	27.08 -1.41 0.00	32.14 -2.01 0.00	24.29 -1.18 0.00	22.02 -0.99 0.00	20.88 -0.90 0.00
NEG WEST___LANCASTR 23811	28.02 -0.42 0.00	26.30 -0.37 0.00	21.84 -0.40 0.00	22.11 -0.44 0.00	23.62 -0.44 0.00	25.60 -0.32 0.00	28.36 -0.32 0.00	31.91 -0.64 0.00	32.57 -0.47 0.56	29.51 -0.24 0.58	29.64 -0.22 0.00	33.89 -0.73 0.00	37.33 -0.55 0.00	36.46 -0.26 0.54	35.31 -1.58 0.69	22.60 -1.52 0.79	27.85 -1.39 0.00	29.22 -1.49 0.00	26.11 -1.40 0.00	27.83 -0.66 0.00	33.00 -1.15 0.00	24.87 -0.60 0.00	22.54 -0.47 0.00	21.38 -0.40 0.00
NEG_PENN_ALLEGHNY 23528	28.39 -0.05 0.00	26.69 0.03 0.00	22.36 0.13 0.00	22.67 0.12 0.00	24.22 0.16 0.00	26.02 0.09 0.00	28.78 0.11 0.00	32.58 0.04 0.00	33.75 0.15 0.00	30.40 0.08 0.00	29.91 0.06 0.00	33.78 -0.85 0.00	37.10 -0.77 0.00	36.89 -0.39 -0.01	36.69 -0.89 0.00	24.58 -0.81 -0.47	28.74 -0.49 0.00	30.16 -0.55 0.00	26.89 -0.62 0.00	28.16 -0.33 0.00	33.49 -0.66 0.00	25.14 -0.33 0.00	22.76 -0.25 0.00	21.66 -0.12 0.00
NEG___GEN_MONROE 24207	28.17 -0.27 0.00	26.43 -0.23 0.00	21.93 -0.31 0.00	22.23 -0.31 0.00	23.74 -0.33 0.00	25.72 -0.21 0.00	28.47 -0.20 0.00	32.16 -0.38 0.00	33.24 -0.35 0.00	30.03 -0.29 0.00	29.48 -0.37 0.00	33.99 -0.64 0.00	37.51 -0.37 0.00	37.19 -0.08 0.00	36.74 -0.84 0.00	23.87 -1.05 0.00	28.10 -1.13 0.00	29.74 -0.97 0.00	26.75 -0.75 0.00	28.28 -0.21 0.00	33.63 -0.53 0.00	25.25 -0.23 0.00	22.82 -0.19 0.00	21.59 -0.19 0.00
NEPA___ENERGY 23901	27.98 -0.46 0.00	26.21 -0.45 0.00	21.86 -0.38 0.00	22.09 -0.45 0.00	23.62 -0.44 0.00	25.57 -0.36 0.00	28.37 -0.30 0.00	31.88 -0.66 0.00	32.57 -0.43 0.59	29.33 -0.37 0.62	29.61 -0.24 0.00	33.85 -0.77 0.00	37.14 -0.73 0.00	36.49 -0.20 0.58	35.22 -1.63 0.74	22.65 -1.42 0.85	28.05 -1.18 0.00	29.40 -1.32 0.00	26.12 -1.39 0.00	27.69 -0.80 0.00	32.85 -1.31 0.00	24.70 -0.78 0.00	22.44 -0.57 0.00	21.30 -0.49 0.00

NEVERSINK___HYD 23608	29.11 0.66 0.00	27.44 0.77 0.00	22.98 0.74 0.00	23.28 0.74 0.00	24.87 0.81 0.00	26.67 0.74 0.00	29.43 0.76 0.00	33.64 1.10 0.00	35.06 1.47 0.00	31.61 1.28 0.00	31.04 1.18 0.00	35.84 1.22 0.00	39.27 1.40 0.00	38.61 1.34 0.00	39.24 1.66 0.00	26.29 1.36 -0.01	42.85 1.70 -11.92	32.37 1.66 0.00	28.89 1.39 0.00	29.80 1.31 0.00	35.73 1.58 0.00	26.55 1.07 0.00	23.99 0.98 0.00	22.67 0.88 0.00
NEWKRMKL_115KV_TB1 55635	28.71 0.27 0.00	27.07 0.40 0.00	22.78 0.54 0.00	23.30 0.75 0.00	24.84 0.77 0.00	26.51 0.58 0.00	29.14 0.46 0.00	33.10 0.56 0.00	34.01 0.41 0.00	30.63 0.31 0.00	30.10 0.24 0.00	34.81 0.18 0.00	37.97 0.09 0.00	37.37 0.10 0.00	38.06 0.47 0.00	25.40 0.48 0.00	27.21 0.62 2.64	31.31 0.59 0.00	28.02 0.52 0.00	28.84 0.35 0.00	34.70 0.55 0.00	25.92 0.44 0.00	23.47 0.46 0.00	22.28 0.50 0.00
NEWTON___FALLS_HYD 23847	28.86 0.42 0.00	26.79 0.13 0.00	22.20 -0.03 0.00	22.32 -0.22 0.00	23.65 -0.41 0.00	25.43 -0.49 0.00	28.28 -0.40 0.00	32.24 -0.30 0.00	35.74 -0.33 -2.47	35.52 -0.26 -5.46	29.30 -0.55 0.00	34.15 -0.48 0.00	37.13 -0.75 0.00	36.44 -0.83 0.00	36.64 -0.94 0.00	24.15 -0.77 0.00	28.98 -0.26 0.00	31.14 0.42 0.00	27.82 0.31 0.00	28.45 -0.04 0.00	34.08 -0.07 0.00	25.43 -0.05 0.00	23.48 0.47 0.00	21.84 0.06 0.00
NGRID_A1_DSASP 323792	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.43 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.87 0.00	30.70 -1.94 0.95	27.79 -1.54 0.99	28.39 -1.47 0.00	32.54 -2.08 0.00	35.81 -2.07 0.00	34.44 -1.90 0.93	33.14 -3.27 1.18	20.64 -2.86 1.43	26.17 -3.06 0.00	27.47 -3.25 0.00	24.59 -2.92 0.00	26.59 -1.90 0.00	31.68 -2.47 0.00	23.95 -1.52 0.00	21.68 -1.33 0.00	20.56 -1.22 0.00
NGRID_A2_DSASP 323793	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.43 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.87 0.00	30.70 -1.94 0.95	27.79 -1.54 0.99	28.39 -1.47 0.00	32.54 -2.08 0.00	35.81 -2.07 0.00	34.44 -1.90 0.93	33.14 -3.27 1.18	20.64 -2.86 1.43	26.17 -3.06 0.00	27.47 -3.25 0.00	24.59 -2.92 0.00	26.59 -1.90 0.00	31.68 -2.47 0.00	23.95 -1.52 0.00	21.68 -1.33 0.00	20.56 -1.22 0.00
NGRID_A4_DSASP 323807	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.43 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.87 0.00	30.70 -1.94 0.95	27.79 -1.54 0.99	28.39 -1.47 0.00	32.54 -2.08 0.00	35.81 -2.07 0.00	34.44 -1.90 0.93	33.14 -3.27 1.18	20.64 -2.86 1.43	26.17 -3.06 0.00	27.47 -3.25 0.00	24.59 -2.92 0.00	26.59 -1.90 0.00	31.68 -2.47 0.00	23.95 -1.52 0.00	21.68 -1.33 0.00	20.56 -1.22 0.00
NIAGARA_115E_LBMP 323715	27.10 -1.34 0.00	25.37 -1.29 0.00	20.97 -1.27 0.00	21.25 -1.30 0.00	22.68 -1.39 0.00	24.65 -1.28 0.00	27.26 -1.41 0.00	30.55 -2.00 0.00	30.69 -1.95 0.95	27.76 -1.58 0.99	28.31 -1.55 0.00	32.43 -2.20 0.00	35.72 -2.16 0.00	34.45 -1.89 0.93	33.15 -3.27 1.17	20.71 -2.79 1.42	26.25 -2.98 0.00	27.59 -3.13 0.00	24.71 -2.79 0.00	26.67 -1.82 0.00	31.67 -2.49 0.00	23.96 -1.51 0.00	21.75 -1.26 0.00	20.66 -1.12 0.00
NIAGARA_115W_LBMP 323714	27.02 -1.42 0.00	25.53 -1.13 0.00	21.11 -1.12 0.00	21.39 -1.16 0.00	22.82 -1.24 0.00	24.79 -1.13 0.00	27.40 -1.28 0.00	30.61 -1.93 0.00	30.63 -2.01 0.96	27.72 -1.61 1.00	28.33 -1.53 0.00	32.48 -2.15 0.00	35.73 -2.14 0.00	34.35 -1.98 0.94	33.05 -3.35 1.18	20.57 -2.92 1.44	26.09 -3.14 0.00	27.39 -3.33 0.00	24.52 -2.98 0.00	26.52 -1.97 0.00	31.61 -2.54 0.00	23.90 -1.57 0.00	21.63 -1.38 0.00	20.52 -1.26 0.00
NIAGARA_230_LBMP 323716	27.25 -1.19 0.00	25.60 -1.06 0.00	21.18 -1.05 0.00	21.47 -1.07 0.00	22.91 -1.16 0.00	24.87 -1.06 0.00	27.49 -1.19 0.00	30.85 -1.69 0.00	30.94 -1.66 1.00	27.96 -1.32 1.04	28.56 -1.30 0.00	32.75 -1.88 0.00	36.05 -1.82 0.00	34.71 -1.58 0.98	33.44 -2.90 1.23	20.92 -2.50 1.50	26.59 -2.65 0.00	27.91 -2.80 0.00	24.98 -2.52 0.00	26.85 -1.65 0.00	31.89 -2.26 0.00	24.10 -1.38 0.00	21.84 -1.18 0.00	20.72 -1.06 0.00
NIAGARA___115KV_198_GIBSON 55903	27.02 -1.42 0.00	25.53 -1.14 0.00	21.11 -1.12 0.00	21.39 -1.15 0.00	22.82 -1.24 0.00	24.79 -1.14 0.00	27.40 -1.28 0.00	30.61 -1.94 0.00	30.62 -2.01 0.96	27.72 -1.61 1.00	28.32 -1.53 0.00	32.47 -2.15 0.00	35.71 -2.16 0.00	34.34 -1.99 0.94	33.04 -3.36 1.18	20.57 -2.92 1.44	26.08 -3.15 0.00	27.39 -3.33 0.00	24.52 -2.98 0.00	26.52 -1.98 0.00	31.61 -2.54 0.00	23.90 -1.58 0.00	21.65 -1.36 0.00	20.52 -1.26 0.00
NIAGARA____ 23760	27.25 -1.19 0.00	25.60 -1.06 0.00	21.18 -1.05 0.00	21.47 -1.07 0.00	22.91 -1.16 0.00	24.87 -1.06 0.00	27.49 -1.19 0.00	30.85 -1.69 0.00	30.98 -1.66 0.96	28.00 -1.32 1.00	28.56 -1.30 0.00	32.75 -1.88 0.00	36.05 -1.82 0.00	34.74 -1.58 0.94	33.48 -2.90 1.20	20.96 -2.50 1.46	26.59 -2.65 0.00	27.91 -2.80 0.00	24.98 -2.52 0.00	26.85 -1.65 0.00	31.89 -2.26 0.00	24.10 -1.38 0.00	21.84 -1.18 0.00	20.72 -1.06 0.00
NINE_MILE_1 23575	27.68 -0.77 0.00	25.98 -0.68 0.00	21.69 -0.55 0.00	21.99 -0.56 0.00	23.46 -0.60 0.00	25.21 -0.71 0.00	27.79 -0.89 0.00	31.53 -1.02 0.00	32.58 -1.02 0.00	29.40 -0.93 0.00	28.92 -0.93 0.00	33.35 -1.28 0.00	36.49 -1.38 0.00	36.01 -1.26 0.00	36.17 -1.42 0.00	23.91 -1.01 0.00	28.16 -1.07 0.00	29.62 -1.10 0.00	26.52 -0.99 0.00	27.56 -0.93 0.00	32.95 -1.20 0.00	24.63 -0.85 0.00	22.27 -0.74 0.00	21.14 -0.65 0.00
NINE_MILE_2 23744	27.68 -0.77 0.00	25.98 -0.68 0.00	21.69 -0.55 0.00	21.99 -0.56 0.00	23.46 -0.60 0.00	25.21 -0.71 0.00	27.79 -0.89 0.00	31.53 -1.02 0.00	32.58 -1.02 0.00	29.40 -0.92 0.00	28.92 -0.93 0.00	33.35 -1.27 0.00	36.50 -1.37 0.00	36.01 -1.25 0.00	36.17 -1.41 0.00	23.92 -1.00 0.00	28.16 -1.07 0.00	29.62 -1.10 0.00	26.52 -0.99 0.00	27.57 -0.93 0.00	32.95 -1.20 0.00	24.63 -0.85 0.00	22.28 -0.73 0.00	21.14 -0.65 0.00
NM_CAPITAL___DRP 24208	28.68 0.24 0.00	27.06 0.40 0.00	22.77 0.54 0.00	23.31 0.77 0.00	24.86 0.79 0.00	26.53 0.60 0.00	29.14 0.46 0.00	33.11 0.57 0.00	34.05 0.46 0.00	30.66 0.34 0.00	30.11 0.25 0.00	34.81 0.18 0.00	37.96 0.09 0.00	37.38 0.12 0.00	38.08 0.50 0.00	25.44 0.52 0.00	27.16 0.65 2.72	31.34 0.62 0.00	28.07 0.57 0.00	28.88 0.39 0.00	34.75 0.60 0.00	25.95 0.47 0.00	23.49 0.48 0.00	22.31 0.52 0.00
NM_CENTRAL___DRP 24181	28.25 -0.19 0.00	26.53 -0.13 0.00	22.16 -0.07 0.00	22.47 -0.07 0.00	23.99 -0.08 0.00	25.77 -0.16 0.00	28.45 -0.23 0.00	32.30 -0.25 0.00	33.42 -0.17 0.00	30.15 -0.18 0.00	29.66 -0.20 0.00	33.99 -0.63 0.00	37.22 -0.65 0.00	36.82 -0.45 0.00	36.92 -0.66 0.00	24.41 -0.51 0.00	28.85 -0.38 0.00	30.36 -0.36 0.00	27.15 -0.36 0.00	28.24 -0.25 0.00	33.69 -0.46 0.00	25.20 -0.28 0.00	22.77 -0.24 0.00	21.61 -0.17 0.00

NM_FRONTIER___DRP 24179	27.02 -1.42 0.00	25.53 -1.14 0.00	21.11 -1.12 0.00	21.39 -1.15 0.00	22.82 -1.24 0.00	24.79 -1.14 0.00	27.40 -1.28 0.00	30.61 -1.94 0.00	30.62 -2.01 0.96	27.72 -1.61 1.00	28.32 -1.53 0.00	32.47 -2.15 0.00	35.71 -2.16 0.00	34.34 -1.99 0.94	33.04 -3.36 1.18	20.57 -2.92 1.44	26.08 -3.15 0.00	27.39 -3.33 0.00	24.52 -2.98 0.00	26.52 -1.98 0.00	31.61 -2.54 0.00	23.90 -1.58 0.00	21.65 -1.36 0.00	20.52 -1.26 0.00
NM_ST_REGIS___HYD 24053	28.90 0.45 0.00	26.86 0.20 0.00	22.19 -0.04 0.00	22.39 -0.16 0.00	23.81 -0.24 0.00	25.86 -0.07 0.00	28.75 0.07 0.00	32.69 0.15 0.00	39.47 -0.18 -6.05	43.59 -0.07 -13.34	29.91 0.05 0.00	34.86 0.23 0.00	37.92 0.05 0.00	37.05 -0.21 0.00	37.60 0.02 0.00	24.91 -0.01 0.00	29.25 0.02 0.00	31.00 0.29 0.00	27.92 0.41 0.00	28.85 0.36 0.00	34.57 0.42 0.00	25.76 0.29 0.00	23.17 0.16 0.00	21.71 -0.07 0.00
NORTHPORT___1 23551	29.29 0.85 0.00	27.64 0.98 0.00	23.21 0.97 0.00	23.44 0.90 0.00	25.01 0.94 0.00	26.79 0.86 0.00	29.51 0.83 0.00	33.51 0.97 0.00	34.84 1.25 0.00	31.23 0.91 0.00	31.28 1.43 0.00	35.86 1.23 0.00	39.41 1.54 0.00	38.70 1.64 0.21	38.72 1.95 0.81	27.01 2.08 -0.01	54.18 2.26 -22.69	32.56 1.85 0.00	28.89 1.39 0.00	29.74 1.24 0.00	35.62 1.46 0.00	26.40 0.93 0.00	24.11 1.10 0.00	22.81 1.03 0.00
NORTHPORT___2 23552	29.29 0.85 0.00	27.64 0.98 0.00	23.21 0.97 0.00	23.44 0.90 0.00	25.01 0.94 0.00	26.79 0.86 0.00	29.51 0.83 0.00	33.51 0.97 0.00	34.84 1.25 0.00	31.23 0.91 0.00	31.28 1.43 0.00	35.86 1.23 0.00	39.41 1.54 0.00	38.70 1.64 0.21	38.72 1.95 0.81	27.01 2.08 -0.01	54.18 2.26 -22.69	32.56 1.85 0.00	28.89 1.39 0.00	29.74 1.24 0.00	35.62 1.46 0.00	26.40 0.93 0.00	24.11 1.10 0.00	22.81 1.03 0.00
NORTHPORT___3 23553	29.49 1.05 0.00	27.84 1.18 0.00	23.36 1.13 0.00	23.62 1.07 0.00	25.19 1.13 0.00	26.98 1.05 0.00	29.70 1.03 0.00	33.72 1.18 0.00	35.07 1.47 0.00	31.47 1.14 0.00	31.49 1.63 0.00	36.06 1.43 0.00	39.66 1.79 0.00	38.94 1.89 0.22	38.93 2.18 0.83	27.11 2.18 -0.01	54.32 2.40 -22.69	32.74 2.02 0.00	28.98 1.48 0.00	29.84 1.35 0.00	35.74 1.59 0.00	26.51 1.03 0.00	24.21 1.20 0.00	22.92 1.13 0.00
NORTHPORT___4 23650	29.49 1.05 0.00	27.84 1.18 0.00	23.36 1.13 0.00	23.62 1.07 0.00	25.19 1.13 0.00	26.98 1.05 0.00	29.70 1.03 0.00	33.72 1.18 0.00	35.07 1.47 0.00	31.47 1.14 0.00	31.49 1.63 0.00	36.06 1.43 0.00	39.66 1.79 0.00	38.94 1.89 0.22	38.93 2.18 0.83	27.11 2.18 -0.01	54.32 2.40 -22.69	32.74 2.02 0.00	28.98 1.48 0.00	29.84 1.35 0.00	35.74 1.59 0.00	26.51 1.03 0.00	24.21 1.20 0.00	22.92 1.13 0.00
NORTHPORT___IC 23718	29.29 0.85 0.00	27.64 0.98 0.00	23.20 0.97 0.00	23.44 0.90 0.00	25.01 0.94 0.00	26.79 0.86 0.00	29.50 0.83 0.00	33.51 0.97 0.00	34.84 1.25 0.00	31.24 0.91 0.00	31.28 1.43 0.00	35.85 1.23 0.00	39.43 1.56 0.00	38.70 1.65 0.21	38.72 1.95 0.81	27.01 2.08 -0.01	54.18 2.26 -22.69	32.56 1.85 0.00	28.89 1.39 0.00	29.74 1.25 0.00	35.62 1.46 0.00	26.40 0.93 0.00	24.11 1.10 0.00	22.81 1.03 0.00
NORTH___COUNTRY_ESR 323785	28.53 0.09 0.00	26.57 -0.10 0.00	21.96 -0.28 0.00	22.15 -0.39 0.00	23.57 -0.49 0.00	25.51 -0.42 0.00	28.29 -0.39 0.00	32.09 -0.45 0.00	11.75 -0.85 20.99	-16.58 -0.62 46.29	29.52 -0.34 0.00	34.59 -0.03 0.00	37.79 -0.08 0.00	36.78 -0.49 0.00	37.22 -0.37 0.00	24.69 -0.23 0.00	28.97 -0.26 0.00	30.64 -0.08 0.00	27.47 -0.03 0.00	28.37 -0.13 0.00	33.98 -0.18 0.00	25.32 -0.16 0.00	22.81 -0.20 0.00	21.40 -0.38 0.00
NPX_GEN_1385_PROXY 323591	3.97 0.75 25.22	27.71 1.05 0.00	23.21 0.98 0.00	23.44 0.90 0.00	23.29 0.94 1.71	26.85 0.86 -0.07	29.43 0.75 0.00	33.51 0.97 0.00	34.82 1.22 0.00	30.92 0.60 0.00	30.98 1.13 0.00	35.52 0.89 0.00	39.16 1.29 0.00	38.45 1.40 0.21	38.39 1.62 0.81	26.95 2.02 -0.01	54.17 2.25 -22.69	32.43 1.71 0.00	28.87 1.37 0.00	29.73 1.24 0.00	35.59 1.44 0.00	26.40 0.93 0.00	24.11 1.10 0.00	22.81 1.02 0.00
NPX_GEN_CSC 323557	29.35 0.90 0.00	27.31 0.65 0.00	22.92 0.68 0.00	23.13 0.58 0.00	22.99 0.64 1.71	26.53 0.54 -0.07	29.27 0.59 0.00	33.40 0.85 0.00	34.76 1.17 0.00	31.26 0.94 0.00	31.22 1.37 0.00	35.69 1.06 0.00	39.28 1.41 0.00	38.57 1.50 0.19	38.74 1.88 0.72	26.94 2.01 -0.01	54.10 2.18 -22.69	32.60 1.88 0.00	28.96 1.46 0.00	29.83 1.34 0.00	35.67 1.52 0.00	26.36 0.89 0.00	24.07 1.06 0.00	22.69 0.91 0.00
NSINS_S_GLNS_FALLS 23858	30.09 1.65 0.00	28.35 1.69 0.00	23.68 1.44 0.00	24.07 1.52 0.00	25.73 1.67 0.00	27.65 1.72 0.00	30.39 1.71 0.00	34.54 2.00 0.00	35.77 2.17 0.00	32.20 1.88 0.00	31.69 1.83 0.00	36.57 1.94 0.00	39.54 1.67 0.00	38.86 1.59 0.00	39.55 1.96 0.00	26.35 1.43 0.00	28.50 1.81 2.55	32.77 2.05 0.00	29.61 2.11 0.00	30.49 2.00 0.00	36.57 2.42 0.00	27.30 1.83 0.00	24.61 1.60 0.00	23.28 1.50 0.00
NUCOR_STEEL___DRP 24197	28.29 -0.15 0.00	26.56 -0.10 0.00	22.18 -0.05 0.00	22.48 -0.07 0.00	24.02 -0.05 0.00	25.84 -0.09 0.00	28.53 -0.14 0.00	32.34 -0.20 0.00	33.45 -0.14 0.00	30.13 -0.19 0.00	29.58 -0.27 0.00	33.90 -0.73 0.00	37.10 -0.77 0.00	36.72 -0.55 0.00	36.77 -0.82 0.00	24.29 -0.64 0.00	28.74 -0.49 0.00	30.28 -0.43 0.00	27.12 -0.39 0.00	28.29 -0.20 0.00	33.75 -0.40 0.00	25.22 -0.25 0.00	22.78 -0.22 0.00	21.61 -0.17 0.00
NUMBER_THREE_WT_PWR 323818	28.84 0.39 0.00	26.72 0.06 0.00	22.22 -0.02 0.00	22.26 -0.29 0.00	23.52 -0.55 0.00	25.30 -0.63 0.00	28.09 -0.59 0.00	32.02 -0.52 0.00	34.17 -0.48 -1.05	32.28 -0.36 -2.32	29.34 -0.51 0.00	33.82 -0.81 0.00	36.96 -0.92 0.00	36.33 -0.94 0.00	36.82 -0.76 0.00	24.29 -0.63 0.00	29.23 0.00 0.00	31.45 0.73 0.00	28.11 0.61 0.00	28.63 0.14 0.00	34.25 0.10 0.00	25.53 0.05 0.00	23.68 0.67 0.00	22.00 0.22 0.00
NYISO_LBMP_REFERENCE 24008	28.44 0.00 0.00	26.66 0.00 0.00	22.24 0.00 0.00	22.55 0.00 0.00	24.06 0.00 0.00	25.93 0.00 0.00	28.68 0.00 0.00	32.54 0.00 0.00	33.60 0.00 0.00	30.33 0.00 0.00	29.86 0.00 0.00	34.62 0.00 0.00	37.87 0.00 0.00	37.27 0.00 0.00	37.58 0.00 0.00	24.92 0.00 0.00	29.23 0.00 0.00	30.72 0.00 0.00	27.51 0.00 0.00	28.49 0.00 0.00	34.15 0.00 0.00	25.48 0.00 0.00	23.01 0.00 0.00	21.78 0.00 0.00
NYPA_BRENTWD____GT 24164	29.69 1.25 0.00	27.93 1.27 0.00	23.44 1.20 0.00	23.67 1.12 0.00	25.26 1.20 0.00	27.09 1.16 0.00	29.90 1.23 0.00	34.03 1.49 0.00	35.42 1.83 0.00	31.80 1.48 0.00	31.78 1.92 0.00	36.41 1.78 0.00	40.03 2.16 0.00	39.37 2.26 0.16	39.55 2.57 0.60	27.37 2.44 -0.01	54.53 2.61 -22.69	33.03 2.31 0.00	29.39 1.88 0.00	30.25 1.76 0.00	36.24 2.08 0.00	26.84 1.37 0.00	24.47 1.46 0.00	23.11 1.33 0.00

NYPA_GOWANUS____GT5 24156	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NYPA_GOWANUS____GT6 24157	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.44 1.38 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.41 1.87 0.00	35.86 2.27 0.00	32.35 2.03 0.00	31.90 2.05 0.00	36.82 2.19 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.55 2.96 -0.01	27.23 2.28 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.07 0.00	36.68 2.53 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00
NYPA_HARLEM__RVR__GT1 24160	29.68 1.23 0.00	28.02 1.35 0.00	23.49 1.26 0.00	23.77 1.23 0.00	25.40 1.33 0.00	27.24 1.30 0.00	30.07 1.39 -0.01	34.25 1.70 0.00	35.69 2.10 0.00	32.20 1.88 0.00	31.70 1.84 0.00	36.54 1.91 0.00	40.12 2.24 -0.01	39.53 2.26 0.00	40.20 2.62 -0.01	27.02 2.08 -0.02	54.53 2.56 -22.74	33.14 2.43 0.00	29.53 2.03 0.00	30.37 1.88 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.54 1.53 0.00	23.24 1.46 0.00
NYPA_HARLEM__RVR__GT2 24161	29.68 1.23 0.00	28.02 1.35 0.00	23.49 1.26 0.00	23.77 1.23 0.00	25.40 1.33 0.00	27.24 1.30 0.00	30.07 1.39 -0.01	34.25 1.70 0.00	35.69 2.10 0.00	32.20 1.88 0.00	31.70 1.84 0.00	36.54 1.91 0.00	40.12 2.24 -0.01	39.53 2.26 0.00	40.20 2.62 -0.01	27.02 2.08 -0.02	54.53 2.56 -22.74	33.14 2.43 0.00	29.53 2.03 0.00	30.37 1.88 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.54 1.53 0.00	23.24 1.46 0.00
NYPA_KENT____GT 24152	29.86 1.42 0.00	28.16 1.50 0.00	23.57 1.33 0.00	23.86 1.31 0.00	25.49 1.43 0.00	27.36 1.44 0.00	30.23 1.55 -0.01	34.44 1.90 0.00	35.89 2.29 0.00	32.37 2.04 0.00	31.89 2.03 0.00	36.82 2.19 0.00	40.42 2.54 -0.01	39.84 2.57 -0.01	40.55 2.96 -0.01	27.24 2.29 -0.03	54.74 2.76 -22.74	33.36 2.64 0.00	29.68 2.18 0.00	30.52 2.03 0.00	36.62 2.47 0.00	27.21 1.74 0.00	24.63 1.62 0.00	23.31 1.53 0.00
NYPA_POUCH1____GT 24155	29.82 1.38 0.00	28.06 1.40 0.00	23.44 1.21 0.00	23.72 1.17 0.00	25.33 1.27 0.00	27.20 1.28 0.00	30.08 1.40 -0.01	34.26 1.71 0.00	35.69 2.09 0.00	32.22 1.89 0.00	31.82 1.97 0.00	36.71 2.08 0.00	40.24 2.36 -0.01	39.68 2.41 -0.01	40.42 2.83 -0.01	27.12 2.18 -0.02	54.61 2.64 -22.74	33.28 2.56 0.00	29.64 2.14 0.00	30.50 2.01 0.00	36.62 2.47 0.00	27.20 1.72 0.00	24.61 1.60 0.00	23.29 1.51 0.00
NYPA_VERNON____GT2 24162	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.89 1.34 0.00	25.54 1.47 0.00	27.40 1.47 0.00	30.25 1.57 -0.01	34.47 1.92 0.00	35.92 2.32 0.00	32.39 2.06 0.00	31.87 2.01 0.00	36.80 2.18 0.00	40.45 2.56 -0.01	39.86 2.59 -0.01	40.54 2.95 -0.01	27.25 2.30 -0.03	54.74 2.77 -22.74	33.35 2.63 0.00	29.65 2.15 0.00	30.48 1.99 0.00	36.56 2.41 0.00	27.18 1.70 0.00	24.60 1.59 0.00	23.30 1.51 0.00
NYPA_VERNON____GT3 24163	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.89 1.34 0.00	25.54 1.47 0.00	27.40 1.47 0.00	30.25 1.57 -0.01	34.47 1.92 0.00	35.92 2.32 0.00	32.39 2.06 0.00	31.87 2.01 0.00	36.80 2.18 0.00	40.45 2.56 -0.01	39.86 2.59 -0.01	40.54 2.95 -0.01	27.25 2.30 -0.03	54.74 2.77 -22.74	33.35 2.63 0.00	29.65 2.15 0.00	30.48 1.99 0.00	36.56 2.41 0.00	27.18 1.70 0.00	24.60 1.59 0.00	23.30 1.51 0.00
NYPA____ASTORIA_CC1 323568	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.89 0.00	35.88 2.29 0.00	32.34 2.01 0.00	31.80 1.95 0.00	36.75 2.12 0.00	40.40 2.52 -0.01	39.82 2.55 -0.01	40.49 2.90 -0.01	27.22 2.28 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.42 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.57 1.56 0.00	23.27 1.48 0.00
NYPA____ASTORIA_CC2 323569	29.78 1.34 0.00	28.16 1.50 0.00	23.60 1.36 0.00	23.89 1.34 0.00	25.52 1.45 0.00	27.37 1.45 0.00	30.23 1.55 -0.01	34.44 1.89 0.00	35.88 2.29 0.00	32.34 2.01 0.00	31.80 1.95 0.00	36.75 2.12 0.00	40.40 2.52 -0.01	39.82 2.55 -0.01	40.49 2.90 -0.01	27.22 2.28 -0.02	54.70 2.73 -22.74	33.30 2.58 0.00	29.61 2.11 0.00	30.42 1.93 0.00	36.50 2.35 0.00	27.13 1.66 0.00	24.57 1.56 0.00	23.27 1.48 0.00
NYPA____HOLTSVILL 23794	29.51 1.06 0.00	27.68 1.01 0.00	23.23 0.99 0.00	23.46 0.91 0.00	25.03 0.97 0.00	26.83 0.91 0.00	29.63 0.95 0.00	33.76 1.21 0.00	35.13 1.53 0.00	31.58 1.25 0.00	31.53 1.68 0.00	36.08 1.45 0.00	39.70 1.83 0.00	39.00 1.92 0.19	39.11 2.26 0.72	27.17 2.23 -0.01	54.37 2.45 -22.69	32.85 2.14 0.00	29.18 1.68 0.00	30.04 1.55 0.00	35.96 1.81 0.00	26.62 1.15 0.00	24.30 1.29 0.00	22.93 1.15 0.00
NYPA____HELLGATE_GT1 24158	29.68 1.23 0.00	28.02 1.35 0.00	23.49 1.26 0.00	23.77 1.23 0.00	25.40 1.33 0.00	27.24 1.30 0.00	30.07 1.39 -0.01	34.25 1.70 0.00	35.69 2.10 0.00	32.20 1.88 0.00	31.70 1.84 0.00	36.54 1.91 0.00	40.12 2.24 -0.01	39.53 2.26 0.00	40.18 2.60 0.00	26.99 2.07 0.00	54.48 2.53 -22.71	33.14 2.42 0.00	29.53 2.03 0.00	30.37 1.88 0.00	36.49 2.34 0.00	27.13 1.66 0.00	24.54 1.53 0.00	23.24 1.46 0.00
NYPA____HELLGATE_GT2 24159	29.68 1.23 0.00	28.02 1.35 0.00	23.49 1.26 0.00	23.77 1.23 0.00	25.40 1.33 0.00	27.24 1.30 0.00	30.07 1.39 -0.01	34.25 1.70 0.00	35.69 2.10 0.00	32.20 1.88 0.00	31.70 1.84 0.00	36.54 1.91 0.00	40.12 2.24 -0.01	39.53 2.26 0.00	40.18 2.60 0.00	26.99 2.07 0.00	54.48 2.53 -22.71	33.14 2.42 0.00	29.53 2.03 0.00	30.37 1.88 0.00	36.49 2.34 0.00	27.13 1.66 0.00	24.54 1.53 0.00	23.24 1.46 0.00
NYS_BARGE____HYD 23848	27.46 -0.98 0.00	25.73 -0.93 0.00	21.28 -0.95 0.00	21.56 -0.98 0.00	23.02 -1.05 0.00	25.02 -0.91 0.00	27.69 -0.99 0.00	31.06 -1.48 0.00	31.13 -1.45 1.01	28.11 -1.17 1.05	28.70 -1.16 0.00	32.90 -1.72 0.00	36.27 -1.60 0.00	34.97 -1.31 0.99	33.71 -2.63 1.25	21.00 -2.40 1.52	26.71 -2.52 0.00	28.15 -2.57 0.00	25.23 -2.28 0.00	27.13 -1.37 0.00	32.21 -1.95 0.00	24.34 -1.14 0.00	22.05 -0.96 0.00	20.93 -0.85 0.00
OAK ORCHARD____HYD 24046	28.01 -0.44 0.00	26.28 -0.38 0.00	21.83 -0.41 0.00	22.12 -0.42 0.00	23.62 -0.44 0.00	25.56 -0.37 0.00	28.27 -0.41 0.00	31.94 -0.60 0.00	33.08 -0.51 0.00	29.95 -0.38 0.00	29.45 -0.41 0.00	33.96 -0.66 0.00	37.44 -0.44 0.00	37.07 -0.20 0.00	36.64 -0.94 0.00	23.83 -1.09 0.00	28.12 -1.11 0.00	29.68 -1.04 0.00	26.60 -0.90 0.00	28.08 -0.42 0.00	33.40 -0.75 0.00	25.06 -0.42 0.00	22.65 -0.36 0.00	21.44 -0.34 0.00

OAKDALE___35_KV_LOAD 356122	28.36 -0.08 0.00	26.65 -0.01 0.00	22.34 0.11 0.00	22.65 0.10 0.00	24.20 0.13 0.00	25.98 0.05 0.00	28.73 0.05 0.00	32.53 -0.01 0.00	33.90 0.11 -0.20	30.55 0.02 -0.20	29.86 0.00 0.00	33.71 -0.92 0.00	37.00 -0.87 0.00	37.01 -0.46 -0.20	36.67 -0.92 -0.01	24.53 -0.88 -0.48	28.65 -0.58 0.00	30.05 -0.67 0.00	26.78 -0.72 0.00	28.07 -0.42 0.00	33.38 -0.77 0.00	25.06 -0.41 0.00	22.70 -0.31 0.00	21.61 -0.17 0.00
OCC_CHEM___DRP 24175	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.42 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.88 0.00	30.70 -1.94 0.95	27.78 -1.54 0.99	28.38 -1.47 0.00	32.54 -2.09 0.00	35.79 -2.08 0.00	34.43 -1.91 0.93	33.13 -3.28 1.18	20.63 -2.86 1.43	26.16 -3.07 0.00	27.47 -3.25 0.00	24.59 -2.91 0.00	26.58 -1.91 0.00	31.68 -2.47 0.00	23.95 -1.53 0.00	21.69 -1.32 0.00	20.56 -1.22 0.00
OH_GEN_PROXY 24063	27.28 -1.17 0.00	25.62 -1.04 0.00	21.21 -1.03 0.00	21.50 -1.05 0.00	21.23 -1.13 1.71	24.96 -1.03 -0.07	27.52 -1.16 0.00	30.91 -1.63 0.00	31.13 -1.58 0.89	28.14 -1.26 0.92	28.62 -1.24 0.00	32.82 -1.81 0.00	36.13 -1.74 0.00	34.91 -1.49 0.87	33.70 -2.79 1.09	21.19 -2.42 1.32	26.69 -2.54 0.00	28.02 -2.70 0.00	25.08 -2.43 0.00	26.91 -1.59 0.00	31.95 -2.20 0.00	24.13 -1.34 0.00	21.87 -1.14 0.00	20.74 -1.04 0.00
OLIN_CORP_DRP 24177	27.15 -1.30 0.00	25.42 -1.24 0.00	21.02 -1.22 0.00	21.30 -1.25 0.00	22.72 -1.34 0.00	24.70 -1.23 0.00	27.32 -1.36 0.00	30.62 -1.93 0.00	30.79 -1.88 0.93	27.84 -1.52 0.97	28.36 -1.49 0.00	32.50 -2.12 0.00	35.78 -2.09 0.00	34.55 -1.81 0.91	33.26 -3.18 1.14	20.81 -2.73 1.39	26.32 -2.91 0.00	27.67 -3.05 0.00	24.78 -2.72 0.00	26.72 -1.77 0.00	31.74 -2.41 0.00	24.01 -1.46 0.00	21.79 -1.22 0.00	20.69 -1.09 0.00
OLIN_CORP_DSASP 323712	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.43 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.87 0.00	30.70 -1.94 0.95	27.79 -1.54 0.99	28.39 -1.47 0.00	32.54 -2.08 0.00	35.81 -2.07 0.00	34.44 -1.90 0.93	33.14 -3.27 1.18	20.64 -2.86 1.43	26.17 -3.06 0.00	27.47 -3.25 0.00	24.59 -2.92 0.00	26.59 -1.90 0.00	31.68 -2.47 0.00	23.95 -1.52 0.00	21.68 -1.33 0.00	20.56 -1.22 0.00
ONEIDA_HERK_LFGE 323681	28.93 0.48 0.00	26.99 0.33 0.00	22.50 0.26 0.00	22.71 0.16 0.00	24.15 0.09 0.00	25.99 0.06 0.00	28.79 0.11 0.00	32.77 0.23 0.00	34.33 0.28 -0.45	31.59 0.26 -1.00	30.06 0.21 0.00	34.64 0.02 0.00	37.88 0.01 0.00	37.27 0.00 0.00	37.65 0.06 0.00	24.88 -0.04 0.00	29.59 0.35 0.00	31.40 0.68 0.00	28.17 0.66 0.00	29.03 0.54 0.00	34.73 0.58 0.00	25.90 0.42 0.00	23.63 0.62 0.00	22.17 0.39 0.00
ONEIDA___115KV_TB4 55905	29.02 0.58 0.00	27.19 0.53 0.00	22.69 0.45 0.00	22.99 0.44 0.00	24.52 0.46 0.00	26.40 0.47 0.00	29.21 0.54 0.00	33.23 0.69 0.00	34.40 0.81 0.00	30.98 0.65 0.00	30.50 0.64 0.00	35.00 0.37 0.00	38.23 0.36 0.00	37.69 0.42 0.00	37.91 0.33 0.00	25.05 0.13 0.00	29.67 0.43 0.00	31.28 0.57 0.00	28.15 0.64 0.00	29.28 0.79 0.00	34.99 0.84 0.00	26.09 0.62 0.00	23.63 0.62 0.00	22.31 0.53 0.00
ONONDAGA_REF_OCCRA 23987	28.38 -0.07 0.00	26.64 -0.02 0.00	22.27 0.03 0.00	22.57 0.03 0.00	24.11 0.04 0.00	25.90 -0.03 0.00	28.60 -0.08 0.00	32.46 -0.09 0.00	33.59 0.00 0.00	30.28 -0.05 0.00	29.78 -0.07 0.00	34.07 -0.56 0.00	37.29 -0.58 0.00	36.89 -0.37 0.00	37.00 -0.58 0.00	24.44 -0.48 0.00	28.94 -0.29 0.00	30.44 -0.28 0.00	27.23 -0.28 0.00	28.36 -0.14 0.00	33.82 -0.33 0.00	25.29 -0.19 0.00	22.85 -0.16 0.00	21.69 -0.09 0.00
ONONDAGA___COGEN 23986	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.09 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.67 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.17 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
ONTARIO___LFGE 23819	28.24 -0.21 0.00	26.49 -0.17 0.00	22.10 -0.13 0.00	22.37 -0.17 0.00	23.93 -0.13 0.00	25.84 -0.09 0.00	28.62 -0.06 0.00	32.40 -0.14 0.00	34.11 -0.13 -0.65	30.79 -0.21 -0.67	29.56 -0.30 0.00	33.80 -0.83 0.00	37.19 -0.68 0.00	37.51 -0.40 -0.64	37.45 -0.93 -0.80	25.18 -0.82 -1.08	28.68 -0.55 0.00	30.22 -0.50 0.00	27.06 -0.44 0.00	28.33 -0.17 0.00	33.62 -0.53 0.00	25.25 -0.22 0.00	22.78 -0.23 0.00	21.57 -0.21 0.00
ORANGEVILLE_WT_PWR 323706	27.48 -0.97 0.00	25.85 -0.82 0.00	21.47 -0.77 0.00	21.68 -0.86 0.00	23.22 -0.84 0.00	25.25 -0.68 0.00	27.89 -0.79 0.00	31.32 -1.23 0.00	25.27 -1.47 6.85	21.64 -1.56 7.13	28.45 -1.40 0.00	32.30 -2.32 0.00	35.62 -2.25 0.00	28.50 -2.05 6.72	26.50 -2.62 8.47	12.10 -2.16 10.67	27.02 -2.22 0.00	28.77 -1.95 0.00	25.66 -1.84 0.00	27.17 -1.32 0.00	32.06 -2.09 0.00	24.18 -1.30 0.00	21.77 -1.24 0.00	20.64 -1.15 0.00
ORANGEVILLE___ESR 323794	27.48 -0.97 0.00	25.85 -0.82 0.00	21.47 -0.77 0.00	21.68 -0.86 0.00	23.22 -0.84 0.00	25.25 -0.68 0.00	27.89 -0.79 0.00	31.32 -1.23 0.00	25.27 -1.47 6.85	21.64 -1.56 7.13	28.45 -1.40 0.00	32.30 -2.32 0.00	35.62 -2.25 0.00	28.50 -2.05 6.72	26.50 -2.62 8.47	12.10 -2.16 10.67	27.02 -2.22 0.00	28.77 -1.95 0.00	25.66 -1.84 0.00	27.17 -1.32 0.00	32.06 -2.09 0.00	24.18 -1.30 0.00	21.77 -1.24 0.00	20.64 -1.15 0.00
OSWEGATCHIE___HYD 24044	28.86 0.42 0.00	26.79 0.13 0.00	22.20 -0.03 0.00	22.32 -0.22 0.00	23.65 -0.41 0.00	25.43 -0.49 0.00	28.28 -0.40 0.00	32.24 -0.30 0.00	35.74 -0.33 -2.47	35.52 -0.26 -5.46	29.30 -0.55 0.00	34.15 -0.47 0.00	37.13 -0.75 0.00	36.44 -0.83 0.00	36.64 -0.94 0.00	24.15 -0.77 0.00	28.98 -0.26 0.00	31.14 0.42 0.00	27.82 0.31 0.00	28.45 -0.04 0.00	34.08 -0.07 0.00	25.43 -0.05 0.00	23.48 0.47 0.00	21.84 0.06 0.00
OSWEGO___5 23606	27.83 -0.61 0.00	26.12 -0.54 0.00	21.80 -0.43 0.00	22.10 -0.44 0.00	23.59 -0.47 0.00	25.35 -0.57 0.00	27.96 -0.71 0.00	31.72 -0.82 0.00	32.80 -0.80 0.00	29.59 -0.74 0.00	29.10 -0.75 0.00	33.56 -1.07 0.00	36.72 -1.15 0.00	36.24 -1.03 0.00	36.39 -1.19 0.00	24.07 -0.86 0.00	28.36 -0.88 0.00	29.82 -0.89 0.00	26.70 -0.80 0.00	27.76 -0.73 0.00	33.17 -0.98 0.00	24.79 -0.68 0.00	22.42 -0.59 0.00	21.27 -0.52 0.00
OSWEGO___6 23613	27.83 -0.61 0.00	26.12 -0.54 0.00	21.80 -0.43 0.00	22.10 -0.44 0.00	23.59 -0.47 0.00	25.35 -0.57 0.00	27.96 -0.71 0.00	31.72 -0.82 0.00	32.80 -0.80 0.00	29.59 -0.74 0.00	29.10 -0.75 0.00	33.56 -1.07 0.00	36.72 -1.15 0.00	36.24 -1.03 0.00	36.39 -1.19 0.00	24.07 -0.86 0.00	28.36 -0.88 0.00	29.82 -0.89 0.00	26.70 -0.80 0.00	27.76 -0.73 0.00	33.17 -0.98 0.00	24.79 -0.68 0.00	22.42 -0.59 0.00	21.27 -0.52 0.00

OUTOKUMPU-AB___DRP 24206	27.64 -0.81 0.00	25.99 -0.68 0.00	21.50 -0.73 0.00	21.78 -0.77 0.00	23.25 -0.81 0.00	25.28 -0.65 0.00	27.97 -0.71 0.00	31.36 -1.18 0.00	31.57 -1.12 0.90	28.59 -0.80 0.94	29.12 -0.73 0.00	33.39 -1.24 0.00	36.73 -1.14 0.00	35.50 -0.89 0.88	34.19 -2.28 1.11	21.46 -2.12 1.34	27.06 -2.18 0.00	28.45 -2.27 0.00	25.48 -2.03 0.00	27.37 -1.13 0.00	32.55 -1.60 0.00	24.57 -0.90 0.00	22.25 -0.76 0.00	21.09 -0.69 0.00
OXBOW___BTM 323836	27.34 -1.10 0.00	25.76 -0.90 0.00	21.31 -0.93 0.00	21.59 -0.96 0.00	23.04 -1.02 0.00	25.04 -0.89 0.00	27.69 -0.99 0.00	31.01 -1.54 0.00	31.13 -1.54 0.93	28.19 -1.17 0.97	28.76 -1.10 0.00	32.97 -1.66 0.00	36.28 -1.59 0.00	34.98 -1.38 0.91	33.67 -2.77 1.14	21.05 -2.49 1.39	26.62 -2.61 0.00	27.97 -2.75 0.00	25.04 -2.47 0.00	26.98 -1.51 0.00	32.11 -2.04 0.00	24.27 -1.21 0.00	21.96 -1.05 0.00	20.82 -0.96 0.00
OXBOW___ 24026	27.34 -1.10 0.00	25.76 -0.90 0.00	21.31 -0.93 0.00	21.59 -0.96 0.00	23.04 -1.03 0.00	25.03 -0.89 0.00	27.69 -0.98 0.00	31.00 -1.54 0.00	31.13 -1.54 0.93	28.18 -1.18 0.97	28.75 -1.10 0.00	32.97 -1.66 0.00	36.27 -1.61 0.00	34.98 -1.39 0.91	33.66 -2.78 1.14	21.05 -2.48 1.39	26.61 -2.62 0.00	27.96 -2.76 0.00	25.04 -2.47 0.00	26.98 -1.52 0.00	32.11 -2.04 0.00	24.26 -1.21 0.00	21.97 -1.03 0.00	20.82 -0.96 0.00
OXY_CHEM_DSASP 323612	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.42 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.88 0.00	30.70 -1.94 0.95	27.78 -1.54 0.99	28.38 -1.47 0.00	32.54 -2.09 0.00	35.79 -2.08 0.00	34.43 -1.91 0.93	33.13 -3.28 1.18	20.63 -2.86 1.43	26.16 -3.07 0.00	27.47 -3.25 0.00	24.59 -2.91 0.00	26.58 -1.91 0.00	31.68 -2.47 0.00	23.95 -1.53 0.00	21.69 -1.32 0.00	20.56 -1.22 0.00
OZONE_PARK_ESR 323760	30.06 1.61 0.00	28.37 1.71 0.00	23.76 1.52 0.00	24.06 1.51 0.00	25.69 1.63 0.00	27.57 1.64 0.00	30.40 1.73 0.00	34.65 2.11 0.00	36.12 2.52 0.00	32.57 2.25 0.00	32.09 2.23 0.00	37.02 2.39 0.00	40.64 2.77 0.00	40.04 2.77 0.00	40.72 3.13 0.00	27.36 2.43 -0.01	54.89 2.92 -22.75	33.57 2.86 0.00	29.85 2.35 0.00	30.73 2.24 0.00	36.83 2.68 0.00	27.38 1.90 0.00	24.77 1.76 0.00	23.44 1.66 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.42 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.88 0.00	30.70 -1.94 0.95	27.78 -1.54 0.99	28.38 -1.47 0.00	32.54 -2.09 0.00	35.79 -2.08 0.00	34.43 -1.91 0.93	33.13 -3.28 1.18	20.63 -2.86 1.43	26.16 -3.07 0.00	27.47 -3.25 0.00	24.59 -2.91 0.00	26.58 -1.91 0.00	31.68 -2.47 0.00	23.95 -1.53 0.00	21.69 -1.32 0.00	20.56 -1.22 0.00
PACKARD__115KV_DUPONT_184 80571	27.07 -1.37 0.00	25.56 -1.10 0.00	21.14 -1.10 0.00	21.42 -1.12 0.00	22.85 -1.21 0.00	24.83 -1.10 0.00	27.44 -1.24 0.00	30.67 -1.88 0.00	30.70 -1.94 0.95	27.78 -1.54 0.99	28.38 -1.47 0.00	32.54 -2.09 0.00	35.79 -2.08 0.00	34.43 -1.91 0.93	33.13 -3.28 1.18	20.63 -2.86 1.43	26.16 -3.07 0.00	27.47 -3.25 0.00	24.59 -2.91 0.00	26.58 -1.91 0.00	31.68 -2.47 0.00	23.95 -1.53 0.00	21.69 -1.32 0.00	20.56 -1.22 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.71 1.27 0.00	28.04 1.38 0.00	23.52 1.28 0.00	23.80 1.25 0.00	25.43 1.36 0.00	27.27 1.34 0.00	30.14 1.46 -0.01	34.34 1.79 0.00	35.78 2.18 0.00	32.27 1.95 0.00	31.76 1.91 0.00	36.63 2.01 0.00	40.22 2.34 -0.01	39.64 2.36 -0.01	40.33 2.74 -0.01	27.11 2.16 -0.02	54.61 2.64 -22.74	33.24 2.52 0.00	29.62 2.11 0.00	30.47 1.97 0.00	36.60 2.45 0.00	27.19 1.71 0.00	24.59 1.58 0.00	23.29 1.50 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.32 1.87 0.00	28.62 1.95 0.00	24.06 1.83 0.00	24.27 1.72 0.00	25.92 1.86 0.00	27.85 1.92 0.00	30.96 2.27 -0.01	35.25 2.70 0.00	36.68 3.09 0.00	33.07 2.74 0.00	32.52 2.66 0.00	37.45 2.82 0.00	41.09 3.21 -0.01	40.46 3.19 -0.01	41.12 3.53 -0.01	27.62 2.68 -0.02	55.20 3.23 -22.74	33.78 3.06 0.00	30.16 2.66 0.00	31.08 2.58 0.00	37.33 3.18 0.00	27.73 2.26 0.00	25.06 2.05 0.00	23.73 1.94 0.00
PATROON__115KV_TB1 80586	28.78 0.34 0.00	27.13 0.47 0.00	22.83 0.59 0.00	23.34 0.80 0.00	24.89 0.83 0.00	26.57 0.64 0.00	29.22 0.54 0.00	33.19 0.64 0.00	34.11 0.52 0.00	30.74 0.41 0.00	30.20 0.34 0.00	34.93 0.30 0.00	38.09 0.22 0.00	37.50 0.23 0.00	38.18 0.60 0.00	25.48 0.56 0.00	27.30 0.71 2.64	31.41 0.69 0.00	28.12 0.61 0.00	28.94 0.45 0.00	34.82 0.67 0.00	26.00 0.53 0.00	23.54 0.53 0.00	22.34 0.55 0.00
PATTRSNVILLE___SOLAR 323815	29.20 0.75 0.00	27.48 0.82 0.00	22.99 0.75 0.00	23.35 0.81 0.00	24.91 0.85 0.00	26.73 0.80 0.00	29.49 0.82 0.00	33.51 0.97 0.00	34.63 1.03 0.00	31.26 0.93 0.00	30.80 0.94 0.00	35.63 1.01 0.00	38.73 0.86 0.00	37.86 0.60 0.00	38.29 0.71 0.00	25.40 0.47 0.00	27.71 0.75 2.27	31.72 1.00 0.00	28.48 0.97 0.00	29.48 0.99 0.00	35.41 1.26 0.00	26.39 0.92 0.00	23.82 0.81 0.00	22.55 0.77 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.02 -0.42 0.00	26.29 -0.37 0.00	21.80 -0.43 0.00	22.08 -0.47 0.00	23.58 -0.48 0.00	25.59 -0.34 0.00	28.34 -0.33 0.00	31.88 -0.66 0.00	32.46 -0.47 0.66	29.44 -0.20 0.68	29.66 -0.19 0.00	33.96 -0.66 0.00	37.39 -0.48 0.00	36.45 -0.18 0.64	35.24 -1.54 0.81	22.44 -1.53 0.95	27.84 -1.40 0.00	29.23 -1.49 0.00	26.12 -1.39 0.00	27.87 -0.62 0.00	33.07 -1.09 0.00	24.92 -0.55 0.00	22.58 -0.43 0.00	21.41 -0.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.80 1.36 0.00	28.12 1.46 0.00	23.55 1.31 0.00	23.86 1.32 0.00	25.49 1.43 0.00	27.35 1.42 0.00	30.14 1.47 0.00	34.34 1.80 0.00	35.73 2.13 0.00	32.21 1.89 0.00	31.73 1.87 0.00	36.61 1.98 0.00	40.14 2.27 0.00	39.54 2.28 0.00	40.17 2.59 0.00	26.95 2.02 -0.01	48.20 2.46 -16.50	33.14 2.42 0.00	29.56 2.05 0.00	30.46 1.97 0.00	36.51 2.35 0.00	27.13 1.66 0.00	24.52 1.51 0.00	23.20 1.41 0.00
PEEKSKILL___ 23653	29.62 1.18 0.00	27.97 1.30 0.00	23.42 1.19 0.00	23.73 1.19 0.00	25.35 1.28 0.00	27.18 1.25 0.00	29.94 1.27 0.00	34.08 1.54 0.00	35.49 1.89 0.00	31.98 1.65 0.00	31.52 1.66 0.00	36.35 1.73 0.00	39.89 2.02 0.00	39.32 2.06 0.00	40.01 2.43 0.00	26.85 1.92 -0.01	54.60 2.34 -23.03	32.98 2.26 0.00	29.39 1.89 0.00	30.26 1.77 0.00	36.27 2.12 0.00	26.95 1.47 0.00	24.39 1.39 0.00	23.09 1.31 0.00
PGE MADISON___WINDPWR 24146	29.38 0.93 0.00	27.42 0.75 0.00	22.84 0.60 0.00	23.10 0.56 0.00	24.59 0.53 0.00	26.60 0.67 0.00	29.72 1.04 0.00	34.04 1.50 0.00	35.87 2.04 -0.23	32.24 1.67 -0.24	31.47 1.62 0.00	35.65 1.02 0.00	38.96 1.08 0.00	38.77 1.27 -0.23	38.38 0.51 -0.29	25.73 0.32 -0.49	31.04 1.13 -0.68	31.81 1.10 0.00	28.52 1.02 0.00	29.97 1.47 0.00	35.82 1.66 0.00	26.53 1.05 0.00	23.95 0.94 0.00	22.96 1.18 0.00

PIERCEFIELD___HYD 23852	28.89 0.45 0.00	26.85 0.19 0.00	22.19 -0.05 0.00	22.39 -0.16 0.00	23.79 -0.27 0.00	25.71 -0.22 0.00	28.67 -0.01 0.00	32.59 0.05 0.00	37.12 -0.14 -3.66	38.34 -0.07 -8.08	29.45 -0.40 0.00	34.68 0.05 0.00	37.66 -0.21 0.00	36.92 -0.35 0.00	36.92 -0.66 0.00	24.33 -0.59 0.00	28.67 -0.56 0.00	30.54 -0.18 0.00	27.41 -0.10 0.00	28.25 -0.25 0.00	33.96 -0.19 0.00	25.35 -0.13 0.00	23.11 0.10 0.00	21.60 -0.18 0.00
PINELAWN_CC_1 323563	29.66 1.22 0.00	27.93 1.27 0.00	23.42 1.19 0.00	23.67 1.12 0.00	25.25 1.19 0.00	27.07 1.14 0.00	29.87 1.20 0.00	34.00 1.46 0.00	35.40 1.81 0.00	31.81 1.49 0.00	31.74 1.88 0.00	36.34 1.71 0.00	39.95 2.07 0.00	39.44 2.18 0.00	40.08 2.50 0.00	27.27 2.34 -0.01	54.49 2.56 -22.69	33.00 2.28 0.00	29.31 1.81 0.00	30.18 1.69 0.00	36.14 1.99 0.00	26.81 1.34 0.00	24.44 1.43 0.00	23.07 1.29 0.00
PJM_GEN_HTP_PROXY 323702	29.93 1.28 -0.21	24.42 1.44 3.68	23.55 1.31 0.00	23.85 1.31 0.00	25.16 1.41 0.31	27.54 1.38 -0.23	30.09 1.42 0.00	34.27 1.73 0.00	35.73 2.13 0.00	32.22 1.90 0.00	31.72 1.88 0.02	36.63 2.01 0.00	40.21 2.33 0.00	39.62 2.35 0.00	40.29 2.71 0.00	27.08 2.14 -0.01	58.18 2.60 -26.35	33.23 2.51 0.00	29.55 2.05 0.00	30.40 1.90 0.00	36.43 2.28 0.00	27.07 1.59 0.00	24.51 1.50 0.00	23.21 1.43 0.00
PJM_GEN_KEystone 24065	28.85 0.20 -0.21	23.30 0.32 3.68	22.57 0.33 0.00	22.86 0.31 0.00	24.12 0.36 0.31	26.53 0.37 -0.23	29.02 0.35 0.00	32.85 0.30 0.00	34.15 0.55 0.00	30.82 0.50 0.00	30.37 0.53 0.02	34.89 0.26 0.00	38.32 0.45 0.00	37.92 0.65 0.00	37.87 0.29 0.00	25.09 0.16 -0.01	44.57 0.44 -14.90	31.04 0.32 0.00	27.65 0.14 0.00	28.83 0.33 0.00	34.40 0.25 0.00	25.71 0.23 0.00	23.33 0.32 0.00	23.80 0.34 -1.67
PJM_GEN_NEPTUNE_PROXY 323594	29.68 1.03 -0.21	24.11 1.13 3.68	23.30 1.06 0.00	23.56 1.02 0.00	24.84 1.09 0.31	27.19 1.03 -0.23	29.70 1.03 0.00	33.78 1.23 0.00	35.16 1.57 0.00	31.62 1.29 0.00	31.46 1.62 0.02	36.09 1.46 0.00	39.70 1.82 0.00	38.87 1.91 0.31	38.64 2.24 1.18	27.01 2.08 -0.01	57.81 2.30 -26.28	32.75 2.04 0.00	29.11 1.60 0.00	29.98 1.48 0.00	35.91 1.76 0.00	26.65 1.17 0.00	24.27 1.26 0.00	22.93 1.14 0.00
PJM_GEN_VFT_PROXY 323633	29.83 1.17 -0.21	24.32 1.34 3.68	23.46 1.23 0.00	23.76 1.21 0.00	25.06 1.31 0.31	27.45 1.29 -0.23	30.00 1.32 0.00	34.17 1.63 0.00	35.62 2.02 0.00	32.12 1.79 0.00	31.60 1.76 0.02	36.48 1.86 0.00	40.05 2.18 0.00	39.49 2.22 0.00	40.18 2.60 0.00	27.01 2.08 -0.01	58.07 2.50 -26.33	33.14 2.42 0.00	29.48 1.98 0.00	30.32 1.83 0.00	36.35 2.20 0.00	27.00 1.53 0.00	24.45 1.44 0.00	23.15 1.36 0.00
PLATSBURG_115KV_PMLD1 355749	28.84 0.40 0.00	26.88 0.21 0.00	22.22 -0.02 0.00	22.41 -0.13 0.00	23.86 -0.21 0.00	25.75 -0.18 0.00	28.51 -0.17 0.00	32.33 -0.21 0.00	13.69 -0.58 19.33	-12.76 -0.46 42.63	29.72 -0.13 0.00	34.81 0.18 0.00	38.08 0.21 0.00	37.11 -0.15 0.00	37.56 -0.02 0.00	24.95 0.03 0.00	29.26 0.03 0.00	31.02 0.30 0.00	27.82 0.31 0.00	28.67 0.18 0.00	34.29 0.14 0.00	25.60 0.13 0.00	23.04 0.03 0.00	21.61 -0.18 0.00
PLEASANTVLY___LBMP 24000	29.40 0.95 0.00	27.77 1.11 0.00	23.27 1.04 0.00	23.60 1.06 0.00	25.21 1.15 0.00	27.00 1.07 0.00	29.69 1.01 0.00	33.78 1.24 0.00	35.11 1.52 0.00	31.64 1.31 0.00	31.14 1.28 0.00	35.93 1.31 0.00	39.36 1.48 0.00	38.76 1.50 0.00	39.45 1.87 0.00	26.46 1.54 0.00	23.85 1.88 7.27	32.53 1.82 0.00	29.04 1.54 0.00	29.93 1.43 0.00	35.89 1.73 0.00	26.69 1.21 0.00	24.14 1.13 0.00	22.87 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.65 1.21 0.00	28.01 1.35 0.00	23.46 1.23 0.00	23.77 1.23 0.00	25.39 1.33 0.00	27.22 1.29 0.00	29.98 1.30 0.00	34.13 1.58 0.00	35.52 1.93 0.00	32.02 1.70 0.00	31.54 1.69 0.00	36.39 1.76 0.00	39.92 2.05 0.00	39.33 2.07 0.00	40.01 2.43 0.00	26.86 1.93 -0.01	52.70 2.34 -21.14	32.98 2.26 0.00	29.39 1.89 0.00	30.27 1.77 0.00	36.27 2.12 0.00	26.96 1.49 0.00	24.40 1.39 0.00	23.10 1.32 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.65 1.21 0.00	28.01 1.35 0.00	23.46 1.23 0.00	23.77 1.23 0.00	25.39 1.33 0.00	27.22 1.29 0.00	29.98 1.30 0.00	34.13 1.58 0.00	35.52 1.93 0.00	32.02 1.70 0.00	31.54 1.69 0.00	36.39 1.76 0.00	39.92 2.05 0.00	39.33 2.07 0.00	40.01 2.43 0.00	26.86 1.93 -0.01	52.70 2.34 -21.14	32.98 2.26 0.00	29.39 1.89 0.00	30.27 1.77 0.00	36.27 2.12 0.00	26.96 1.49 0.00	24.40 1.39 0.00	23.10 1.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.68 1.24 0.00	28.04 1.38 0.00	23.49 1.26 0.00	23.82 1.27 0.00	25.44 1.38 0.00	27.24 1.31 0.00	29.98 1.31 0.00	34.15 1.61 0.00	35.49 1.90 0.00	32.00 1.67 0.00	31.51 1.65 0.00	36.36 1.74 0.00	39.83 1.96 0.00	39.25 1.98 0.00	39.90 2.32 0.00	26.74 1.82 0.00	39.33 2.22 -7.88	32.90 2.19 0.00	29.40 1.90 0.00	30.31 1.81 0.00	36.34 2.19 0.00	27.01 1.54 0.00	24.41 1.40 0.00	23.09 1.30 0.00
POLETTI_____ 23519	29.66 1.22 0.00	28.05 1.38 0.00	23.51 1.28 0.00	23.81 1.26 0.00	25.43 1.36 0.00	27.26 1.34 0.00	30.05 1.38 0.00	34.24 1.70 0.00	35.68 2.08 0.00	32.18 1.86 0.00	31.71 1.85 0.00	36.58 1.96 0.00	40.15 2.28 0.00	39.57 2.31 0.00	40.26 2.68 0.00	27.07 2.14 -0.01	54.54 2.56 -22.75	33.20 2.49 0.00	29.52 2.02 0.00	30.38 1.89 0.00	36.40 2.25 0.00	27.05 1.58 0.00	24.50 1.49 0.00	23.21 1.43 0.00
POMONA___ESR 323819	29.68 1.24 0.00	28.01 1.35 0.00	23.45 1.22 0.00	23.76 1.22 0.00	25.38 1.31 0.00	27.22 1.29 0.00	29.99 1.32 0.00	34.13 1.58 0.00	35.54 1.94 0.00	32.04 1.71 0.00	31.58 1.72 0.00	36.44 1.81 0.00	39.97 2.10 0.00	39.43 2.16 0.00	40.12 2.54 0.00	26.90 1.97 -0.01	52.88 2.42 -21.23	33.07 2.35 0.00	29.48 1.97 0.00	30.35 1.86 0.00	36.38 2.23 0.00	27.02 1.55 0.00	24.46 1.45 0.00	23.14 1.36 0.00
PORT_JEFF_3 23555	29.57 1.12 0.00	27.73 1.07 0.00	23.27 1.03 0.00	23.49 0.95 0.00	25.08 1.01 0.00	26.89 0.96 0.00	29.68 1.01 0.00	33.82 1.28 0.00	35.21 1.62 0.00	31.65 1.33 0.00	31.61 1.75 0.00	36.17 1.54 0.00	39.80 1.92 0.00	39.09 2.02 0.19	39.22 2.36 0.72	27.24 2.31 -0.01	54.45 2.52 -22.69	32.94 2.22 0.00	29.25 1.75 0.00	30.12 1.63 0.00	36.05 1.90 0.00	26.69 1.21 0.00	24.35 1.34 0.00	22.98 1.20 0.00
PORT_JEFF_4 23616	29.57 1.12 0.00	27.73 1.07 0.00	23.27 1.03 0.00	23.49 0.95 0.00	25.08 1.01 0.00	26.89 0.96 0.00	29.68 1.01 0.00	33.82 1.28 0.00	35.21 1.62 0.00	31.65 1.33 0.00	31.61 1.75 0.00	36.17 1.54 0.00	39.80 1.92 0.00	39.09 2.02 0.19	39.22 2.36 0.72	27.24 2.31 -0.01	54.45 2.52 -22.69	32.94 2.22 0.00	29.25 1.75 0.00	30.12 1.63 0.00	36.05 1.90 0.00	26.69 1.21 0.00	24.35 1.34 0.00	22.98 1.20 0.00

PORT_JEFF_IC 23713	29.59 1.15 0.00	27.74 1.08 0.00	23.27 1.04 0.00	23.50 0.95 0.00	25.08 1.02 0.00	26.89 0.96 0.00	29.70 1.02 0.00	33.85 1.30 0.00	35.23 1.64 0.00	31.68 1.36 0.00	31.64 1.79 0.00	36.20 1.57 0.00	39.84 1.97 0.00	39.14 2.06 0.18	39.29 2.41 0.70	27.27 2.33 -0.01	54.48 2.56 -22.69	32.98 2.26 0.00	29.28 1.78 0.00	30.16 1.67 0.00	36.09 1.94 0.00	26.71 1.24 0.00	24.36 1.35 0.00	22.98 1.20 0.00
PPL PILGRIM_ST_GT1 24216	29.69 1.25 0.00	27.93 1.27 0.00	23.44 1.20 0.00	23.67 1.12 0.00	25.26 1.20 0.00	27.09 1.16 0.00	29.90 1.23 0.00	34.03 1.49 0.00	35.42 1.83 0.00	31.80 1.48 0.00	31.78 1.92 0.00	36.41 1.78 0.00	40.03 2.16 0.00	39.37 2.26 0.16	39.55 2.57 0.60	27.37 2.44 -0.01	54.53 2.61 -22.69	33.03 2.31 0.00	29.39 1.88 0.00	30.25 1.76 0.00	36.24 2.08 0.00	26.84 1.37 0.00	24.47 1.46 0.00	23.11 1.33 0.00
PPL PILGRIM_ST_GT2 24217	29.69 1.25 0.00	27.93 1.27 0.00	23.44 1.20 0.00	23.67 1.12 0.00	25.26 1.20 0.00	27.09 1.16 0.00	29.90 1.23 0.00	34.03 1.49 0.00	35.42 1.83 0.00	31.80 1.48 0.00	31.78 1.92 0.00	36.41 1.78 0.00	40.03 2.16 0.00	39.37 2.26 0.16	39.55 2.57 0.60	27.37 2.44 -0.01	54.53 2.61 -22.69	33.03 2.31 0.00	29.39 1.88 0.00	30.25 1.76 0.00	36.24 2.08 0.00	26.84 1.37 0.00	24.47 1.46 0.00	23.11 1.33 0.00
PPL_SHRM_GT3 24213	29.37 0.93 0.00	27.33 0.67 0.00	22.93 0.70 0.00	23.14 0.60 0.00	24.72 0.65 0.00	26.48 0.55 0.00	29.28 0.61 0.00	33.42 0.88 0.00	34.79 1.20 0.00	31.29 0.96 0.00	31.25 1.39 0.00	35.70 1.08 0.00	39.31 1.43 0.00	38.60 1.52 0.19	38.77 1.90 0.71	26.97 2.03 -0.01	54.12 2.20 -22.69	32.63 1.91 0.00	28.98 1.48 0.00	29.86 1.37 0.00	35.70 1.55 0.00	26.39 0.91 0.00	24.09 1.08 0.00	22.71 0.92 0.00
PPL_SHRM_GT4 24214	29.37 0.93 0.00	27.33 0.67 0.00	22.93 0.70 0.00	23.14 0.60 0.00	24.72 0.65 0.00	26.48 0.55 0.00	29.28 0.61 0.00	33.42 0.88 0.00	34.79 1.20 0.00	31.29 0.96 0.00	31.25 1.39 0.00	35.70 1.08 0.00	39.31 1.43 0.00	38.60 1.52 0.19	38.77 1.90 0.71	26.97 2.03 -0.01	54.12 2.20 -22.69	32.63 1.91 0.00	28.98 1.48 0.00	29.86 1.37 0.00	35.70 1.55 0.00	26.39 0.91 0.00	24.09 1.08 0.00	22.71 0.92 0.00
PROJECT___ORANGE 1 24174	28.26 -0.19 0.00	26.53 -0.13 0.00	22.16 -0.07 0.00	22.48 -0.06 0.00	24.00 -0.06 0.00	25.79 -0.14 0.00	28.46 -0.22 0.00	32.31 -0.23 0.00	33.44 -0.16 0.00	30.16 -0.17 0.00	29.67 -0.19 0.00	33.99 -0.63 0.00	37.22 -0.65 0.00	36.82 -0.45 0.00	36.92 -0.66 0.00	24.41 -0.52 0.00	28.87 -0.37 0.00	30.35 -0.36 0.00	27.13 -0.37 0.00	28.24 -0.26 0.00	33.69 -0.46 0.00	25.18 -0.29 0.00	22.76 -0.25 0.00	21.60 -0.18 0.00
PROJECT___ORANGE 2 24166	28.26 -0.19 0.00	26.53 -0.13 0.00	22.16 -0.07 0.00	22.48 -0.06 0.00	24.00 -0.06 0.00	25.79 -0.14 0.00	28.46 -0.22 0.00	32.31 -0.23 0.00	33.44 -0.16 0.00	30.16 -0.17 0.00	29.67 -0.19 0.00	33.99 -0.63 0.00	37.22 -0.65 0.00	36.82 -0.45 0.00	36.92 -0.66 0.00	24.41 -0.52 0.00	28.87 -0.37 0.00	30.35 -0.36 0.00	27.13 -0.37 0.00	28.24 -0.26 0.00	33.69 -0.46 0.00	25.18 -0.29 0.00	22.76 -0.25 0.00	21.60 -0.18 0.00
PUCKETT___SOLAR 323809	28.45 0.01 0.00	26.72 0.06 0.00	22.39 0.15 0.00	22.68 0.14 0.00	24.22 0.16 0.00	26.05 0.13 0.00	28.88 0.21 0.00	32.86 0.32 0.00	34.12 0.52 0.00	30.69 0.36 0.00	30.16 0.30 0.00	34.17 -0.45 0.00	37.41 -0.46 0.00	37.02 -0.25 -0.01	36.80 -0.79 0.00	24.67 -0.69 -0.44	29.45 -0.31 -0.53	30.38 -0.33 0.00	27.17 -0.33 0.00	28.48 -0.02 0.00	33.92 -0.23 0.00	25.40 -0.07 0.00	23.02 0.01 0.00	21.87 0.09 0.00
PYRITES___HYD 24023	29.37 0.93 0.00	27.30 0.64 0.00	22.53 0.29 0.00	22.80 0.25 0.00	24.27 0.21 0.00	26.46 0.53 0.00	29.57 0.89 0.00	33.48 0.93 0.00	37.42 0.51 -3.31	38.08 0.45 -7.31	29.99 0.13 0.00	35.03 0.40 0.00	38.22 0.34 0.00	37.36 0.09 0.00	37.56 -0.02 0.00	24.78 -0.15 0.00	29.22 -0.01 0.00	31.34 0.63 0.00	28.24 0.73 0.00	28.95 0.45 0.00	35.02 0.86 0.00	26.14 0.66 0.00	23.64 0.63 0.00	22.09 0.31 0.00
QUAKERRD_115KV_BK1 80622	27.47 -0.98 0.00	25.78 -0.88 0.00	21.43 -0.81 0.00	21.72 -0.82 0.00	23.19 -0.88 0.00	25.06 -0.87 0.00	27.71 -0.96 0.00	31.34 -1.20 0.00	32.41 -1.19 0.00	29.33 -1.00 0.00	28.85 -1.01 0.00	33.27 -1.35 0.00	36.63 -1.24 0.00	36.24 -1.02 0.00	35.95 -1.64 0.00	23.47 -1.45 0.00	27.69 -1.54 0.00	29.19 -1.52 0.00	26.14 -1.36 0.00	27.50 -1.00 0.00	32.75 -1.40 0.00	24.55 -0.93 0.00	22.18 -0.83 0.00	21.00 -0.78 0.00
QUENSBRY_115KV_TB8 356137	30.17 1.72 0.00	28.42 1.76 0.00	23.74 1.50 0.00	24.12 1.58 0.00	25.80 1.74 0.00	27.74 1.81 0.00	30.48 1.80 0.00	34.65 2.11 0.00	35.90 2.30 0.00	32.30 1.98 0.00	31.79 1.93 0.00	36.69 2.06 0.00	39.64 1.76 0.00	38.96 1.69 0.00	39.64 2.06 0.00	26.43 1.51 0.00	28.60 1.91 2.54	32.90 2.18 0.00	29.74 2.23 0.00	30.60 2.11 0.00	36.70 2.55 0.00	27.39 1.91 0.00	24.68 1.67 0.00	23.35 1.57 0.00
RAMAPO___LBMP 323565	29.56 1.12 0.00	27.90 1.23 0.00	23.36 1.12 0.00	23.67 1.12 0.00	25.28 1.21 0.00	27.12 1.19 0.00	29.87 1.20 0.00	33.98 1.44 0.00	35.38 1.78 0.00	31.89 1.56 0.00	31.43 1.57 0.00	36.27 1.64 0.00	39.78 1.91 0.00	39.23 1.96 0.00	39.91 2.33 0.00	26.77 1.84 -0.01	52.03 2.26 -20.53	32.90 2.19 0.00	29.34 1.84 0.00	30.21 1.72 0.00	36.21 2.05 0.00	26.91 1.43 0.00	24.36 1.35 0.00	23.05 1.27 0.00
RANKINE____ 23646	27.85 -0.60 0.00	26.13 -0.53 0.00	21.65 -0.59 0.00	21.91 -0.63 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.14 -0.54 0.00	31.63 -0.92 0.00	32.14 -0.73 0.73	29.16 -0.41 0.76	29.50 -0.36 0.00	33.82 -0.81 0.00	37.17 -0.70 0.00	36.18 -0.37 0.71	34.91 -1.78 0.90	22.18 -1.67 1.06	27.63 -1.60 0.00	29.00 -1.72 0.00	25.92 -1.59 0.00	27.72 -0.77 0.00	32.90 -1.25 0.00	24.80 -0.68 0.00	22.45 -0.56 0.00	21.29 -0.50 0.00
RAVENSWOOD_GT2_1 24244	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.17 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.24 2.37 0.00	39.66 2.39 0.00	40.34 2.76 0.00	27.11 2.18 -0.01	54.59 2.63 -22.73	33.24 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT2_2 24245	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.17 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.24 2.37 0.00	39.66 2.39 0.00	40.34 2.76 0.00	27.11 2.18 -0.01	54.59 2.63 -22.73	33.24 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00



RAVENSWOOD_GT2_3 24246	29.78 1.33 0.00	28.14 1.47 0.00	23.57 1.33 0.00	23.87 1.33 0.00	25.50 1.43 0.00	27.34 1.41 0.00	30.15 1.47 0.00	34.34 1.80 0.00	35.78 2.18 0.00	32.27 1.94 0.00	31.77 1.92 0.00	36.67 2.05 0.00	40.27 2.40 0.00	39.68 2.41 0.00	40.37 2.79 0.00	27.12 2.19 -0.01	54.59 2.63 -22.73	33.27 2.55 0.00	29.59 2.09 0.00	30.45 1.96 0.00	36.49 2.34 0.00	27.12 1.65 0.00	24.54 1.53 0.00	23.25 1.46 0.00
RAVENSWOOD_GT2_4 24247	29.78 1.33 0.00	28.14 1.47 0.00	23.57 1.33 0.00	23.87 1.33 0.00	25.50 1.43 0.00	27.34 1.41 0.00	30.15 1.47 0.00	34.34 1.80 0.00	35.78 2.18 0.00	32.27 1.94 0.00	31.77 1.92 0.00	36.67 2.05 0.00	40.27 2.40 0.00	39.68 2.41 0.00	40.37 2.79 0.00	27.12 2.19 -0.01	54.59 2.63 -22.73	33.27 2.55 0.00	29.59 2.09 0.00	30.45 1.96 0.00	36.49 2.34 0.00	27.12 1.65 0.00	24.54 1.53 0.00	23.25 1.46 0.00
RAVENSWOOD_GT3_1 24248	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.17 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.24 2.37 0.00	39.67 2.40 0.00	40.34 2.76 0.00	27.11 2.18 -0.01	54.59 2.63 -22.73	33.25 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT3_2 24249	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.17 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.24 2.37 0.00	39.67 2.40 0.00	40.34 2.76 0.00	27.11 2.18 -0.01	54.59 2.63 -22.73	33.25 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT3_3 24250	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.89 1.34 0.00	25.52 1.46 0.00	27.36 1.44 0.00	30.18 1.51 0.00	34.38 1.83 0.00	35.82 2.23 0.00	32.31 1.99 0.00	31.82 1.97 0.00	36.72 2.10 0.00	40.31 2.44 0.00	39.73 2.46 0.00	40.41 2.83 0.00	27.15 2.22 -0.01	54.64 2.67 -22.73	33.30 2.58 0.00	29.62 2.12 0.00	30.48 1.99 0.00	36.53 2.38 0.00	27.15 1.67 0.00	24.57 1.56 0.00	23.27 1.48 0.00
RAVENSWOOD_GT3_4 24251	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.89 1.34 0.00	25.52 1.46 0.00	27.36 1.44 0.00	30.18 1.51 0.00	34.38 1.83 0.00	35.82 2.23 0.00	32.31 1.99 0.00	31.82 1.97 0.00	36.72 2.10 0.00	40.31 2.44 0.00	39.73 2.46 0.00	40.41 2.83 0.00	27.15 2.22 -0.01	54.64 2.67 -22.73	33.30 2.58 0.00	29.62 2.12 0.00	30.48 1.99 0.00	36.53 2.38 0.00	27.15 1.67 0.00	24.57 1.56 0.00	23.27 1.48 0.00
RAVENSWOOD_GT_1 23729	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.89 1.34 0.00	25.53 1.47 0.00	27.40 1.47 0.00	30.26 1.57 -0.01	34.47 1.93 0.00	35.92 2.33 0.00	32.39 2.07 0.00	31.87 2.01 0.00	36.80 2.17 0.00	40.45 2.57 -0.01	39.86 2.59 -0.01	40.55 2.95 -0.01	27.25 2.30 -0.03	54.74 2.77 -22.74	33.35 2.63 0.00	29.65 2.15 0.00	30.48 1.99 0.00	36.56 2.41 0.00	27.18 1.71 0.00	24.60 1.59 0.00	23.30 1.52 0.00
RAVENSWOOD_GT_10 24258	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.16 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.23 2.36 0.00	39.65 2.39 0.00	40.34 2.76 0.00	27.11 2.17 -0.01	54.58 2.62 -22.73	33.24 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_11 24259	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.16 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.23 2.36 0.00	39.65 2.39 0.00	40.34 2.76 0.00	27.11 2.17 -0.01	54.58 2.62 -22.73	33.24 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_4 24252	29.75 1.30 0.00	28.12 1.46 0.00	23.55 1.32 0.00	23.85 1.31 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.12 1.45 0.00	34.31 1.77 0.00	35.75 2.15 0.00	32.25 1.92 0.00	31.76 1.91 0.00	36.65 2.02 0.00	40.23 2.36 0.00	39.64 2.37 0.00	40.32 2.75 0.00	27.09 2.16 0.00	54.57 2.61 -22.73	33.24 2.53 0.00	29.58 2.07 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_5 24254	29.75 1.30 0.00	28.12 1.46 0.00	23.55 1.32 0.00	23.85 1.31 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.12 1.45 0.00	34.31 1.77 0.00	35.75 2.15 0.00	32.25 1.92 0.00	31.76 1.91 0.00	36.65 2.02 0.00	40.23 2.36 0.00	39.64 2.37 0.00	40.32 2.75 0.00	27.09 2.16 0.00	54.57 2.61 -22.73	33.24 2.53 0.00	29.58 2.07 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_6 24253	29.75 1.30 0.00	28.12 1.46 0.00	23.55 1.32 0.00	23.85 1.31 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.12 1.45 0.00	34.31 1.77 0.00	35.75 2.15 0.00	32.25 1.92 0.00	31.76 1.91 0.00	36.65 2.02 0.00	40.23 2.36 0.00	39.64 2.37 0.00	40.32 2.75 0.00	27.09 2.16 0.00	54.57 2.61 -22.73	33.24 2.53 0.00	29.58 2.07 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_7 24255	29.75 1.30 0.00	28.12 1.46 0.00	23.55 1.32 0.00	23.85 1.31 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.12 1.45 0.00	34.31 1.77 0.00	35.75 2.15 0.00	32.25 1.92 0.00	31.76 1.91 0.00	36.65 2.02 0.00	40.23 2.36 0.00	39.64 2.37 0.00	40.32 2.75 0.00	27.09 2.16 0.00	54.57 2.61 -22.73	33.24 2.53 0.00	29.58 2.07 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.16 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.23 2.36 0.00	39.65 2.39 0.00	40.34 2.76 0.00	27.11 2.17 -0.01	54.58 2.62 -22.73	33.24 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00
RAVENSWOOD_GT_9 24257	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.16 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.23 2.36 0.00	39.65 2.39 0.00	40.34 2.76 0.00	27.11 2.17 -0.01	54.58 2.62 -22.73	33.24 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.10 1.63 0.00	24.54 1.52 0.00	23.23 1.45 0.00

RAVENSWOOD___1 23533	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.88 1.34 0.00	25.50 1.43 0.00	27.35 1.42 0.00	30.19 1.51 -0.01	34.40 1.86 0.00	35.85 2.26 0.00	32.32 1.99 0.00	31.80 1.94 0.00	36.72 2.09 0.00	40.34 2.46 -0.01	39.76 2.49 -0.01	40.45 2.86 -0.01	27.18 2.24 -0.02	54.66 2.69 -22.74	33.29 2.57 0.00	29.61 2.10 0.00	30.43 1.94 0.00	36.51 2.36 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.26 1.48 0.00
RAVENSWOOD___2 23534	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.88 1.34 0.00	25.50 1.43 0.00	27.35 1.42 0.00	30.19 1.51 -0.01	34.40 1.86 0.00	35.85 2.26 0.00	32.32 1.99 0.00	31.80 1.94 0.00	36.72 2.09 0.00	40.34 2.46 -0.01	39.76 2.49 -0.01	40.45 2.86 -0.01	27.18 2.24 -0.02	54.66 2.69 -22.74	33.29 2.57 0.00	29.61 2.10 0.00	30.43 1.94 0.00	36.51 2.36 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.26 1.48 0.00
RAVENSWOOD___3 23535	29.76 1.31 0.00	28.12 1.46 0.00	23.56 1.32 0.00	23.86 1.32 0.00	25.48 1.42 0.00	27.33 1.40 0.00	30.13 1.46 0.00	34.32 1.78 0.00	35.76 2.17 0.00	32.25 1.93 0.00	31.76 1.91 0.00	36.66 2.03 0.00	40.24 2.37 0.00	39.67 2.40 0.00	40.34 2.76 0.00	27.11 2.18 -0.01	54.59 2.63 -22.73	33.25 2.53 0.00	29.58 2.08 0.00	30.43 1.93 0.00	36.47 2.32 0.00	27.11 1.63 0.00	24.54 1.53 0.00	23.23 1.45 0.00
RAVENSWOOD___4 23820	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.88 1.34 0.00	25.50 1.43 0.00	27.35 1.42 0.00	30.19 1.51 -0.01	34.40 1.86 0.00	35.85 2.26 0.00	32.32 1.99 0.00	31.80 1.94 0.00	36.72 2.09 0.00	40.34 2.46 -0.01	39.76 2.49 -0.01	40.45 2.86 -0.01	27.18 2.24 -0.02	54.66 2.69 -22.74	33.29 2.57 0.00	29.61 2.10 0.00	30.43 1.94 0.00	36.51 2.36 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.26 1.48 0.00
RCPL_TRUST___DRP 24196	29.75 1.31 0.00	28.13 1.47 0.00	23.57 1.34 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.41 0.00	30.13 1.45 0.00	34.32 1.78 0.00	35.78 2.18 0.00	32.27 1.95 0.00	31.79 1.93 0.00	36.69 2.07 0.00	40.28 2.41 0.00	39.68 2.42 0.00	40.37 2.79 0.00	27.12 2.19 -0.01	54.63 2.64 -22.76	33.28 2.57 0.00	29.59 2.09 0.00	30.44 1.95 0.00	36.47 2.32 0.00	27.10 1.62 0.00	24.53 1.52 0.00	23.23 1.45 0.00
RED___ROCHESTER 323720	28.20 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.25 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.26 -0.36 0.00	37.82 -0.05 0.00	37.45 0.19 0.00	37.02 -0.56 0.00	24.05 -0.87 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.29 -0.19 0.00	22.84 -0.17 0.00	21.61 -0.17 0.00
REGAN___SOLAR 323812	29.84 1.40 0.00	28.00 1.34 0.00	23.37 1.13 0.00	23.65 1.11 0.00	25.26 1.19 0.00	27.17 1.25 0.00	30.17 1.50 0.00	34.33 1.78 0.00	35.35 1.75 0.00	31.98 1.66 0.00	31.57 1.71 0.00	36.54 1.91 0.00	39.22 1.35 0.00	37.98 0.71 0.00	38.29 0.71 0.00	25.22 0.29 0.00	28.27 1.01 1.97	32.36 1.64 0.00	29.03 1.52 0.00	30.18 1.68 0.00	36.28 2.13 0.00	27.02 1.55 0.00	24.28 1.27 0.00	22.95 1.17 0.00
RENSSELAER___COGEN 23796	28.62 0.18 0.00	26.99 0.33 0.00	22.72 0.49 0.00	23.25 0.70 0.00	24.78 0.72 0.00	26.45 0.52 0.00	29.05 0.38 0.00	33.01 0.46 0.00	33.91 0.32 0.00	30.54 0.22 0.00	30.00 0.15 0.00	34.69 0.07 0.00	37.83 -0.04 0.00	37.25 -0.02 0.00	37.93 0.35 0.00	25.34 0.42 0.00	27.15 0.53 2.62	31.21 0.49 0.00	27.95 0.44 0.00	28.76 0.27 0.00	34.60 0.45 0.00	25.85 0.37 0.00	23.41 0.40 0.00	22.23 0.44 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.57 3.12 0.00	29.83 3.17 0.00	24.75 2.51 0.00	25.03 2.49 0.00	26.94 2.88 0.00	29.25 3.32 0.00	31.70 3.02 0.00	35.94 3.40 0.00	37.43 3.84 0.00	33.19 2.87 0.00	32.60 2.75 0.00	37.49 2.86 0.00	40.70 2.83 0.00	40.02 2.75 0.00	41.25 3.67 0.00	27.80 2.87 0.00	30.19 3.50 2.55	34.94 4.23 0.00	31.53 4.02 0.00	32.29 3.80 0.00	38.51 4.36 0.00	28.70 3.22 0.00	25.78 2.77 0.00	24.41 2.62 0.00
REVERE_CPPR_DRP 24186	29.26 0.81 0.00	27.37 0.71 0.00	22.82 0.58 0.00	23.09 0.54 0.00	24.61 0.55 0.00	26.52 0.59 0.00	29.36 0.68 0.00	33.43 0.88 0.00	34.60 1.00 0.00	31.16 0.84 0.00	30.68 0.82 0.00	35.21 0.59 0.00	38.47 0.60 0.00	37.88 0.61 0.00	38.15 0.57 0.00	25.20 0.28 0.00	29.91 0.68 0.00	31.62 0.90 0.00	28.49 0.99 0.00	29.58 1.09 0.00	35.33 1.18 0.00	26.34 0.86 0.00	23.90 0.89 0.00	22.50 0.71 0.00
REYNLDPA_13_KV_LD 356490	28.76 0.31 0.00	26.80 0.13 0.00	22.17 -0.06 0.00	22.42 -0.12 0.00	23.93 -0.14 0.00	25.91 -0.02 0.00	28.81 0.14 0.00	32.69 0.15 0.00	34.01 -0.05 -0.46	31.38 0.04 -1.02	29.88 0.03 0.00	35.01 0.39 0.00	38.26 0.39 0.00	37.52 0.25 0.00	37.78 0.20 0.00	24.91 -0.01 0.00	29.14 -0.09 0.00	30.71 -0.01 0.00	27.53 0.02 0.00	28.58 0.09 0.00	34.29 0.14 0.00	25.57 0.10 0.00	22.99 -0.02 0.00	21.63 -0.15 0.00
REYNOLDS_115KV_TB3 80639	28.69 0.25 0.00	27.07 0.41 0.00	22.78 0.55 0.00	23.34 0.79 0.00	24.88 0.82 0.00	26.56 0.63 0.00	29.16 0.48 0.00	33.15 0.61 0.00	34.12 0.53 0.00	30.72 0.40 0.00	30.16 0.30 0.00	34.85 0.22 0.00	38.01 0.14 0.00	37.41 0.14 0.00	38.15 0.57 0.00	25.49 0.57 0.00	27.15 0.70 2.78	31.39 0.67 0.00	28.14 0.63 0.00	28.96 0.47 0.00	34.84 0.69 0.00	26.00 0.52 0.00	23.54 0.53 0.00	22.35 0.56 0.00
RIVERBAY____ 323610	30.32 1.87 0.00	28.62 1.95 0.00	24.06 1.83 0.00	24.27 1.72 0.00	25.92 1.86 0.00	27.85 1.92 0.00	30.96 2.27 -0.01	35.25 2.70 0.00	36.68 3.09 0.00	33.07 2.74 0.00	32.52 2.66 0.00	37.45 2.82 0.00	41.09 3.21 -0.01	40.46 3.19 -0.01	41.12 3.53 -0.01	27.62 2.68 -0.02	55.20 3.23 -22.74	33.78 3.06 0.00	30.16 2.66 0.00	31.08 2.58 0.00	37.33 3.18 0.00	27.73 2.26 0.00	25.06 2.05 0.00	23.73 1.94 0.00
RIVERSDE_115KV_TB3 55908	28.68 0.24 0.00	27.06 0.40 0.00	22.77 0.54 0.00	23.31 0.77 0.00	24.86 0.79 0.00	26.53 0.60 0.00	29.14 0.46 0.00	33.11 0.57 0.00	34.05 0.46 0.00	30.66 0.34 0.00	30.11 0.25 0.00	34.81 0.18 0.00	37.96 0.09 0.00	37.38 0.12 0.00	38.08 0.50 0.00	25.44 0.52 0.00	27.16 0.65 2.72	31.34 0.62 0.00	28.07 0.57 0.00	28.88 0.39 0.00	34.75 0.60 0.00	25.95 0.47 0.00	23.49 0.48 0.00	22.31 0.52 0.00
ROARING___BROOK_WT_PWR 323790	28.23 -0.22 0.00	26.42 -0.24 0.00	21.99 -0.25 0.00	22.10 -0.44 0.00	23.53 -0.53 0.00	25.33 -0.60 0.00	28.05 -0.62 0.00	31.90 -0.65 0.00	32.50 -0.66 0.44	28.85 -0.51 0.96	29.39 -0.46 0.00	34.22 -0.41 0.00	37.40 -0.47 0.00	36.75 -0.51 0.00	37.14 -0.44 0.00	24.63 -0.29 0.00	28.91 -0.33 0.00	30.45 -0.27 0.00	27.29 -0.21 0.00	28.26 -0.23 0.00	33.86 -0.29 0.00	25.17 -0.31 0.00	22.83 -0.18 0.00	21.57 -0.22 0.00

ROCHESRG_115KV_T4 355643	27.90 -0.54 0.00	26.20 -0.47 0.00	21.75 -0.48 0.00	22.05 -0.49 0.00	23.54 -0.53 0.00	25.47 -0.47 0.00	28.16 -0.52 0.00	31.80 -0.74 0.00	32.91 -0.68 0.00	29.81 -0.52 0.00	29.32 -0.54 0.00	33.80 -0.83 0.00	37.21 -0.66 0.00	36.85 -0.42 0.00	36.41 -1.18 0.00	23.70 -1.22 0.00	27.97 -1.26 0.00	29.50 -1.22 0.00	26.43 -1.07 0.00	27.91 -0.59 0.00	33.20 -0.95 0.00	24.92 -0.55 0.00	22.54 -0.47 0.00	21.34 -0.44 0.00
ROCHESTER_9_IC 23652	28.05 -0.39 0.00	26.33 -0.33 0.00	21.87 -0.37 0.00	22.16 -0.38 0.00	23.66 -0.41 0.00	25.60 -0.32 0.00	28.31 -0.36 0.00	32.00 -0.54 0.00	33.18 -0.41 0.00	30.04 -0.28 0.00	29.55 -0.31 0.00	34.08 -0.54 0.00	37.57 -0.30 0.00	37.21 -0.05 0.00	36.79 -0.79 0.00	23.91 -1.02 0.00	28.22 -1.01 0.00	29.80 -0.92 0.00	26.70 -0.80 0.00	28.17 -0.32 0.00	33.51 -0.64 0.00	25.14 -0.34 0.00	22.73 -0.28 0.00	21.50 -0.28 0.00
ROCKVIEW_13_KV_LD 356306	29.80 1.36 0.00	28.15 1.49 0.00	23.58 1.34 0.00	23.87 1.33 0.00	25.50 1.43 0.00	27.34 1.42 0.00	30.13 1.46 0.00	34.32 1.77 0.00	35.73 2.13 0.00	32.21 1.88 0.00	31.74 1.88 0.00	36.62 1.99 0.00	40.19 2.31 0.00	39.61 2.34 0.00	40.28 2.70 0.00	27.05 2.12 -0.01	54.53 2.56 -22.74	33.20 2.48 0.00	29.56 2.06 0.00	30.43 1.93 0.00	36.46 2.31 0.00	27.10 1.63 0.00	24.53 1.52 0.00	23.22 1.44 0.00
ROME____115KV_TB2 80656	29.26 0.81 0.00	27.37 0.71 0.00	22.82 0.58 0.00	23.09 0.54 0.00	24.61 0.55 0.00	26.52 0.59 0.00	29.36 0.68 0.00	33.43 0.88 0.00	34.60 1.00 0.00	31.16 0.84 0.00	30.68 0.82 0.00	35.21 0.59 0.00	38.47 0.60 0.00	37.88 0.61 0.00	38.15 0.57 0.00	25.20 0.28 0.00	29.91 0.68 0.00	31.62 0.90 0.00	28.49 0.99 0.00	29.58 1.09 0.00	35.33 1.18 0.00	26.34 0.86 0.00	23.90 0.89 0.00	22.50 0.71 0.00
ROSETON___1 23587	29.43 0.99 0.00	27.79 1.13 0.00	23.28 1.05 0.00	23.61 1.07 0.00	25.21 1.15 0.00	27.02 1.09 0.00	29.73 1.06 0.00	33.83 1.29 0.00	35.18 1.58 0.00	31.70 1.38 0.00	31.22 1.37 0.00	36.04 1.41 0.00	39.49 1.62 0.00	38.91 1.64 0.00	39.57 1.99 0.00	26.55 1.62 -0.01	48.87 1.98 -17.65	32.63 1.91 0.00	29.11 1.61 0.00	29.98 1.49 0.00	35.96 1.81 0.00	26.74 1.26 0.00	24.19 1.18 0.00	22.91 1.12 0.00
ROSETON___2 23588	29.43 0.99 0.00	27.79 1.13 0.00	23.28 1.05 0.00	23.61 1.07 0.00	25.21 1.15 0.00	27.02 1.09 0.00	29.73 1.06 0.00	33.83 1.29 0.00	35.18 1.58 0.00	31.70 1.38 0.00	31.22 1.37 0.00	36.04 1.41 0.00	39.49 1.62 0.00	38.91 1.64 0.00	39.57 1.99 0.00	26.55 1.62 -0.01	48.87 1.98 -17.65	32.63 1.91 0.00	29.11 1.61 0.00	29.98 1.49 0.00	35.96 1.81 0.00	26.74 1.26 0.00	24.19 1.18 0.00	22.91 1.12 0.00
ROTTTRDAM_115KV_TB3 80664	28.99 0.54 0.00	27.32 0.65 0.00	22.88 0.64 0.00	23.27 0.73 0.00	24.84 0.77 0.00	26.61 0.68 0.00	29.30 0.63 0.00	33.30 0.75 0.00	34.45 0.86 0.00	31.07 0.75 0.00	30.58 0.72 0.00	35.37 0.75 0.00	38.57 0.70 0.00	37.83 0.57 0.00	38.36 0.78 0.00	25.55 0.63 0.00	27.66 0.82 2.39	31.61 0.89 0.00	28.35 0.85 0.00	29.29 0.79 0.00	35.17 1.02 0.00	26.21 0.74 0.00	23.69 0.68 0.00	22.43 0.65 0.00
RUSSELL___1 23602	28.19 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.26 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.27 -0.35 0.00	37.80 -0.07 0.00	37.45 0.18 0.00	37.01 -0.57 0.00	24.05 -0.88 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.28 -0.19 0.00	22.85 -0.16 0.00	21.61 -0.17 0.00
RUSSELL___2 23532	28.19 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.26 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.27 -0.35 0.00	37.80 -0.07 0.00	37.45 0.18 0.00	37.01 -0.57 0.00	24.05 -0.88 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.28 -0.19 0.00	22.85 -0.16 0.00	21.61 -0.17 0.00
RUSSELL___3 23549	28.19 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.26 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.27 -0.35 0.00	37.80 -0.07 0.00	37.45 0.18 0.00	37.01 -0.57 0.00	24.05 -0.88 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.28 -0.19 0.00	22.85 -0.16 0.00	21.61 -0.17 0.00
RUSSELL___4 23556	28.19 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.26 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.27 -0.35 0.00	37.80 -0.07 0.00	37.45 0.18 0.00	37.01 -0.57 0.00	24.05 -0.88 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.28 -0.19 0.00	22.85 -0.16 0.00	21.61 -0.17 0.00
RUSSELL___STATION 23914	28.19 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.26 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.27 -0.35 0.00	37.80 -0.07 0.00	37.45 0.18 0.00	37.01 -0.57 0.00	24.05 -0.88 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.28 -0.19 0.00	22.85 -0.16 0.00	21.61 -0.17 0.00
S SALMON___HYD 24043	28.37 -0.07 0.00	26.51 -0.15 0.00	22.07 -0.16 0.00	22.31 -0.24 0.00	23.72 -0.35 0.00	25.47 -0.46 0.00	28.16 -0.51 0.00	31.99 -0.55 0.00	33.12 -0.48 0.00	29.90 -0.43 0.00	29.38 -0.48 0.00	33.76 -0.86 0.00	36.81 -1.06 0.00	36.24 -1.03 0.00	36.56 -1.02 0.00	24.13 -0.79 0.00	28.87 -0.36 0.00	30.73 0.01 0.00	27.37 -0.14 0.00	28.29 -0.20 0.00	33.77 -0.38 0.00	25.26 -0.21 0.00	23.01 0.00 0.00	21.65 -0.13 0.00
S.PERRY__115KV_TB1 80734	28.52 0.08 0.00	26.76 0.10 0.00	22.23 0.00 0.00	22.50 -0.05 0.00	24.08 0.02 0.00	26.20 0.27 0.00	29.05 0.38 0.00	32.78 0.23 0.00	37.71 -0.19 -4.31	34.43 -0.38 -4.48	29.53 -0.32 0.00	33.82 -0.80 0.00	37.38 -0.49 0.00	41.25 -0.23 -4.22	41.80 -1.10 -5.32	30.30 -1.43 -6.81	27.57 -1.66 0.00	29.49 -1.23 0.00	26.65 -0.85 0.00	27.98 -0.51 0.00	33.29 -0.86 0.00	24.97 -0.51 0.00	23.01 0.00 0.00	21.80 0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.61 -0.83 0.00	25.92 -0.74 0.00	21.45 -0.78 0.00	21.73 -0.82 0.00	23.19 -0.87 0.00	25.18 -0.74 0.00	27.86 -0.82 0.00	31.29 -1.26 0.00	31.59 -1.15 0.86	28.61 -0.82 0.90	29.09 -0.77 0.00	33.36 -1.27 0.00	36.68 -1.19 0.00	35.51 -0.91 0.84	34.23 -2.29 1.06	21.59 -2.05 1.28	27.16 -2.08 0.00	28.51 -2.21 0.00	25.49 -2.01 0.00	27.33 -1.16 0.00	32.46 -1.69 0.00	24.49 -0.99 0.00	22.19 -0.82 0.00	21.03 -0.75 0.00

SAWYER___23_KV_LOAD 55526	27.61 -0.83 0.00	25.92 -0.74 0.00	21.45 -0.78 0.00	21.73 -0.82 0.00	23.19 -0.87 0.00	25.18 -0.74 0.00	27.86 -0.82 0.00	31.29 -1.26 0.00	31.59 -1.15 0.86	28.61 -0.82 0.90	29.09 -0.77 0.00	33.36 -1.27 0.00	36.68 -1.19 0.00	35.51 -0.91 0.84	34.23 -2.29 1.06	21.59 -2.05 1.28	27.16 -2.08 0.00	28.51 -2.21 0.00	25.49 -2.01 0.00	27.33 -1.16 0.00	32.46 -1.69 0.00	24.49 -0.99 0.00	22.19 -0.82 0.00	21.03 -0.75 0.00
SELKIRK___I 23801	28.82 0.38 0.00	27.17 0.51 0.00	22.87 0.63 0.00	23.35 0.80 0.00	24.90 0.84 0.00	26.58 0.66 0.00	29.23 0.56 0.00	33.20 0.66 0.00	34.19 0.59 0.00	30.81 0.48 0.00	30.27 0.41 0.00	35.01 0.38 0.00	38.20 0.33 0.00	37.57 0.30 0.00	38.16 0.58 0.00	25.44 0.51 0.00	28.29 0.70 1.64	31.37 0.65 0.00	28.15 0.64 0.00	29.05 0.56 0.00	34.93 0.78 0.00	26.06 0.58 0.00	23.57 0.56 0.00	22.36 0.58 0.00
SELKIRK___II 23799	28.68 0.24 0.00	27.04 0.38 0.00	22.76 0.52 0.00	23.23 0.69 0.00	24.78 0.72 0.00	26.46 0.53 0.00	29.09 0.41 0.00	33.05 0.51 0.00	34.07 0.47 0.00	30.71 0.39 0.00	30.18 0.32 0.00	34.91 0.28 0.00	38.11 0.23 0.00	37.51 0.24 0.00	38.12 0.53 0.00	25.45 0.53 0.00	27.48 0.66 2.41	31.34 0.62 0.00	28.07 0.57 0.00	28.94 0.44 0.00	34.78 0.63 0.00	25.95 0.48 0.00	23.48 0.47 0.00	22.27 0.49 0.00
SENECA OSWGO___HYD 24041	27.90 -0.54 0.00	26.19 -0.47 0.00	21.85 -0.38 0.00	22.16 -0.39 0.00	23.64 -0.42 0.00	25.40 -0.52 0.00	28.02 -0.65 0.00	31.79 -0.75 0.00	32.89 -0.70 0.00	29.68 -0.65 0.00	29.19 -0.67 0.00	33.56 -1.06 0.00	36.73 -1.15 0.00	36.28 -0.99 0.00	36.46 -1.12 0.00	24.15 -0.78 0.00	28.53 -0.71 0.00	30.00 -0.72 0.00	26.83 -0.67 0.00	27.89 -0.60 0.00	33.30 -0.85 0.00	24.89 -0.59 0.00	22.49 -0.52 0.00	21.33 -0.46 0.00
SENECA___115KV_TB3 355854	27.89 -0.55 0.00	26.17 -0.49 0.00	21.68 -0.56 0.00	21.94 -0.60 0.00	23.44 -0.62 0.00	25.45 -0.48 0.00	28.18 -0.50 0.00	31.67 -0.87 0.00	32.19 -0.68 0.73	29.22 -0.35 0.76	29.56 -0.30 0.00	33.88 -0.74 0.00	37.24 -0.63 0.00	36.25 -0.31 0.71	34.97 -1.72 0.90	22.23 -1.63 1.06	27.69 -1.55 0.00	29.06 -1.66 0.00	25.97 -1.54 0.00	27.77 -0.72 0.00	32.96 -1.20 0.00	24.84 -0.63 0.00	22.48 -0.53 0.00	21.32 -0.46 0.00
SENECA___ENERGY 23797	28.04 -0.40 0.00	26.31 -0.35 0.00	21.94 -0.29 0.00	22.23 -0.31 0.00	23.76 -0.31 0.00	25.61 -0.31 0.00	28.29 -0.39 0.00	32.07 -0.48 0.00	33.41 -0.48 -0.30	30.16 -0.47 -0.31	29.37 -0.49 0.00	33.79 -0.84 0.00	37.11 -0.76 0.00	37.05 -0.51 -0.29	37.05 -0.90 -0.37	24.67 -0.78 -0.52	28.59 -0.64 0.00	30.08 -0.64 0.00	26.92 -0.58 0.00	28.11 -0.38 0.00	33.50 -0.65 0.00	25.09 -0.39 0.00	22.65 -0.36 0.00	21.46 -0.32 0.00
SHOEMAKER___GT 23640	29.32 0.88 0.00	27.65 0.99 0.00	23.16 0.92 0.00	23.48 0.93 0.00	25.07 1.01 0.00	26.89 0.96 0.00	29.61 0.94 0.00	33.70 1.15 0.00	35.03 1.43 0.00	31.58 1.25 0.00	31.11 1.26 0.00	35.95 1.32 0.00	39.33 1.46 0.00	38.72 1.45 0.00	39.35 1.76 0.00	26.36 1.43 -0.01	48.49 1.73 -17.54	32.40 1.68 0.00	28.93 1.43 0.00	29.84 1.34 0.00	35.81 1.66 0.00	26.65 1.17 0.00	24.11 1.10 0.00	22.80 1.02 0.00
SHOEMAKR_138KV_BK 111 55601	29.32 0.88 0.00	27.65 0.99 0.00	23.16 0.92 0.00	23.48 0.93 0.00	25.07 1.01 0.00	26.89 0.96 0.00	29.62 0.94 0.00	33.69 1.15 0.00	35.03 1.43 0.00	31.58 1.25 0.00	31.11 1.26 0.00	35.94 1.31 0.00	39.36 1.48 0.00	38.74 1.48 0.00	39.38 1.79 0.00	26.37 1.44 -0.01	48.24 1.76 -17.25	32.43 1.71 0.00	28.95 1.45 0.00	29.86 1.36 0.00	35.81 1.66 0.00	26.65 1.17 0.00	24.11 1.10 0.00	22.80 1.02 0.00
SHOREHAM_IC_1 23715	29.37 0.93 0.00	27.33 0.67 0.00	22.93 0.70 0.00	23.14 0.60 0.00	24.72 0.65 0.00	26.48 0.55 0.00	29.28 0.61 0.00	33.42 0.88 0.00	34.79 1.20 0.00	31.29 0.96 0.00	31.25 1.39 0.00	35.70 1.08 0.00	39.31 1.43 0.00	38.60 1.52 0.19	38.77 1.90 0.71	26.97 2.03 -0.01	54.12 2.20 -22.69	32.63 1.91 0.00	28.98 1.48 0.00	29.86 1.37 0.00	35.70 1.55 0.00	26.39 0.91 0.00	24.09 1.08 0.00	22.71 0.92 0.00
SHOREHAM_IC_2 23716	29.37 0.93 0.00	27.33 0.67 0.00	22.93 0.70 0.00	23.14 0.60 0.00	24.72 0.65 0.00	26.48 0.55 0.00	29.29 0.61 0.00	33.42 0.88 0.00	34.79 1.20 0.00	31.29 0.97 0.00	31.25 1.39 0.00	35.70 1.07 0.00	39.32 1.45 0.00	38.60 1.52 0.19	38.78 1.91 0.71	26.96 2.03 -0.01	54.12 2.20 -22.69	32.63 1.91 0.00	28.98 1.48 0.00	29.86 1.36 0.00	35.71 1.56 0.00	26.39 0.92 0.00	24.08 1.07 0.00	22.71 0.92 0.00
SISSONVILLE____ 23735	28.89 0.45 0.00	26.85 0.19 0.00	22.19 -0.05 0.00	22.39 -0.16 0.00	23.79 -0.27 0.00	25.71 -0.22 0.00	28.67 -0.01 0.00	32.59 0.05 0.00	37.12 -0.14 -3.66	38.34 -0.07 -8.08	29.45 -0.40 0.00	34.68 0.05 0.00	37.66 -0.21 0.00	36.92 -0.35 0.00	36.92 -0.66 0.00	24.33 -0.59 0.00	28.67 -0.56 0.00	30.54 -0.18 0.00	27.41 -0.10 0.00	28.25 -0.25 0.00	33.96 -0.19 0.00	25.35 -0.13 0.00	23.11 0.10 0.00	21.60 -0.18 0.00
SITHE_IND_GS1 24169	27.70 -0.74 0.00	26.01 -0.66 0.00	21.70 -0.53 0.00	22.01 -0.54 0.00	23.49 -0.57 0.00	25.23 -0.70 0.00	27.79 -0.88 0.00	31.53 -1.01 0.00	32.60 -1.00 0.00	29.40 -0.92 0.00	28.92 -0.93 0.00	33.36 -1.27 0.00	36.52 -1.35 0.00	36.02 -1.24 0.00	36.17 -1.42 0.00	23.91 -1.01 0.00	28.16 -1.07 0.00	29.61 -1.11 0.00	26.51 -0.99 0.00	27.56 -0.93 0.00	32.95 -1.21 0.00	24.62 -0.86 0.00	22.28 -0.73 0.00	21.15 -0.63 0.00
SITHE_IND_GS2 24170	27.70 -0.74 0.00	26.01 -0.66 0.00	21.70 -0.53 0.00	22.01 -0.54 0.00	23.49 -0.57 0.00	25.23 -0.70 0.00	27.79 -0.88 0.00	31.53 -1.01 0.00	32.60 -1.00 0.00	29.40 -0.92 0.00	28.92 -0.93 0.00	33.36 -1.27 0.00	36.52 -1.35 0.00	36.02 -1.24 0.00	36.17 -1.42 0.00	23.91 -1.01 0.00	28.16 -1.07 0.00	29.61 -1.11 0.00	26.51 -0.99 0.00	27.56 -0.93 0.00	32.95 -1.21 0.00	24.62 -0.86 0.00	22.28 -0.73 0.00	21.15 -0.63 0.00
SITHE_IND_GS3 24171	27.70 -0.74 0.00	26.01 -0.66 0.00	21.70 -0.53 0.00	22.01 -0.54 0.00	23.49 -0.57 0.00	25.23 -0.70 0.00	27.79 -0.88 0.00	31.53 -1.01 0.00	32.60 -1.00 0.00	29.40 -0.92 0.00	28.92 -0.93 0.00	33.36 -1.27 0.00	36.52 -1.35 0.00	36.02 -1.24 0.00	36.17 -1.42 0.00	23.91 -1.01 0.00	28.16 -1.07 0.00	29.61 -1.11 0.00	26.51 -0.99 0.00	27.56 -0.93 0.00	32.95 -1.21 0.00	24.62 -0.86 0.00	22.28 -0.73 0.00	21.15 -0.63 0.00
SITHE_IND_GS4 24172	27.70 -0.74 0.00	26.01 -0.66 0.00	21.70 -0.53 0.00	22.01 -0.54 0.00	23.49 -0.57 0.00	25.23 -0.70 0.00	27.79 -0.88 0.00	31.53 -1.01 0.00	32.60 -1.00 0.00	29.40 -0.92 0.00	28.92 -0.93 0.00	33.36 -1.27 0.00	36.52 -1.35 0.00	36.02 -1.24 0.00	36.17 -1.42 0.00	23.91 -1.01 0.00	28.16 -1.07 0.00	29.61 -1.11 0.00	26.51 -0.99 0.00	27.56 -0.93 0.00	32.95 -1.21 0.00	24.62 -0.86 0.00	22.28 -0.73 0.00	21.15 -0.63 0.00

SITHE___BATAVIA 24024	28.31 -0.13 0.00	26.54 -0.12 0.00	21.98 -0.26 0.00	22.26 -0.28 0.00	23.78 -0.29 0.00	25.85 -0.08 0.00	28.69 0.02 0.00	32.32 -0.23 0.00	32.70 -0.22 0.67	29.26 -0.36 0.70	29.36 -0.50 0.00	33.77 -0.86 0.00	37.37 -0.51 0.00	36.53 -0.04 0.70	35.71 -0.99 0.88	22.47 -1.46 1.00	27.80 -1.44 0.00	29.60 -1.12 0.00	26.66 -0.85 0.00	28.39 -0.10 0.00	33.71 -0.45 0.00	25.37 -0.10 0.00	22.92 -0.09 0.00	21.70 -0.09 0.00
SITHE___INDEPEND 23800	27.70 -0.74 0.00	26.01 -0.66 0.00	21.70 -0.53 0.00	22.01 -0.54 0.00	23.49 -0.58 0.00	25.23 -0.70 0.00	27.79 -0.88 0.00	31.53 -1.01 0.00	32.60 -1.00 0.00	29.40 -0.93 0.00	28.93 -0.93 0.00	33.36 -1.27 0.00	36.52 -1.35 0.00	36.02 -1.24 0.00	36.17 -1.41 0.00	23.91 -1.01 0.00	28.16 -1.08 0.00	29.61 -1.11 0.00	26.51 -0.99 0.00	27.56 -0.93 0.00	32.94 -1.21 0.00	24.62 -0.86 0.00	22.28 -0.73 0.00	21.15 -0.63 0.00
SITHE___MASSENA 23902	28.79 0.34 0.00	26.81 0.14 0.00	22.17 -0.06 0.00	22.42 -0.13 0.00	23.91 -0.16 0.00	25.91 -0.02 0.00	28.82 0.15 0.00	32.71 0.17 0.00	34.55 -0.06 -1.01	32.58 0.03 -2.23	29.60 -0.26 0.00	34.93 0.30 0.00	38.19 0.31 0.00	37.43 0.17 0.00	37.69 0.11 0.00	24.86 -0.07 0.00	29.10 -0.13 0.00	30.71 -0.01 0.00	27.53 0.03 0.00	28.55 0.06 0.00	34.28 0.12 0.00	25.58 0.10 0.00	23.01 0.00 0.00	21.63 -0.15 0.00
SITHE___OGDNSBRG 24021	29.27 0.83 0.00	27.23 0.57 0.00	22.48 0.24 0.00	22.76 0.21 0.00	24.26 0.20 0.00	26.48 0.55 0.00	29.56 0.88 0.00	33.43 0.89 0.00	36.70 0.47 -2.63	36.55 0.41 -5.81	29.95 0.10 0.00	35.07 0.45 0.00	38.35 0.48 0.00	37.50 0.24 0.00	37.80 0.22 0.00	24.94 0.02 0.00	29.35 0.12 0.00	31.36 0.65 0.00	28.23 0.73 0.00	29.00 0.50 0.00	35.06 0.91 0.00	26.17 0.70 0.00	23.56 0.55 0.00	22.04 0.26 0.00
SITHE___STERLING 23777	29.02 0.58 0.00	27.19 0.53 0.00	22.69 0.45 0.00	22.99 0.44 0.00	24.52 0.46 0.00	26.40 0.47 0.00	29.22 0.54 0.00	33.23 0.69 0.00	34.41 0.81 0.00	30.98 0.65 0.00	30.50 0.64 0.00	35.00 0.38 0.00	38.23 0.36 0.00	37.69 0.42 0.00	37.91 0.33 0.00	25.05 0.13 0.00	29.67 0.43 0.00	31.28 0.56 0.00	28.15 0.64 0.00	29.28 0.79 0.00	34.99 0.84 0.00	26.09 0.62 0.00	23.63 0.62 0.00	22.31 0.53 0.00
SLEIGHT__34_KV_TB1 80719	27.94 -0.51 0.00	26.22 -0.44 0.00	21.82 -0.42 0.00	22.11 -0.44 0.00	23.61 -0.45 0.00	25.52 -0.41 0.00	28.23 -0.44 0.00	31.98 -0.57 0.00	33.04 -0.55 0.00	29.87 -0.46 0.00	29.29 -0.57 0.00	33.76 -0.86 0.00	37.10 -0.78 0.00	36.77 -0.50 0.00	36.57 -1.01 0.00	23.99 -0.93 0.00	28.35 -0.88 0.00	29.82 -0.90 0.00	26.74 -0.77 0.00	28.06 -0.43 0.00	33.42 -0.73 0.00	25.01 -0.47 0.00	22.58 -0.43 0.00	21.37 -0.41 0.00
SMITHTWN_69_KV_BK 1 55830	29.67 1.23 0.00	27.84 1.18 0.00	23.35 1.12 0.00	23.59 1.04 0.00	25.18 1.11 0.00	26.99 1.07 0.00	29.80 1.12 0.00	33.95 1.41 0.00	35.36 1.76 0.00	31.79 1.46 0.00	31.76 1.90 0.00	36.34 1.71 0.00	40.01 2.14 0.00	39.30 2.22 0.18	39.46 2.56 0.68	27.36 2.43 -0.01	54.60 2.67 -22.69	33.09 2.38 0.00	29.38 1.87 0.00	30.25 1.76 0.00	36.20 2.05 0.00	26.80 1.33 0.00	24.44 1.43 0.00	23.06 1.28 0.00
SOUTH CAIRO___GT 23612	29.65 1.21 0.00	27.88 1.22 0.00	23.41 1.17 0.00	23.90 1.36 0.00	25.50 1.43 0.00	27.26 1.34 0.00	29.99 1.32 0.00	34.21 1.67 0.00	35.08 1.49 0.00	31.60 1.27 0.00	31.09 1.23 0.00	35.95 1.33 0.00	39.00 1.13 0.00	38.49 1.22 0.00	39.04 1.46 0.00	25.89 0.97 0.00	31.54 1.36 -0.95	32.04 1.32 0.00	28.96 1.46 0.00	29.89 1.40 0.00	36.00 1.85 0.00	26.87 1.39 0.00	24.24 1.23 0.00	22.93 1.15 0.00
SOUTH HAMPTN___IC 23720	29.58 1.14 0.00	27.60 0.94 0.00	23.13 0.89 0.00	23.32 0.78 0.00	24.99 0.92 0.00	26.73 0.80 0.00	29.64 0.96 0.00	33.99 1.45 0.00	35.33 1.74 0.00	31.78 1.46 0.00	31.78 1.92 0.00	36.31 1.68 0.00	39.97 2.10 0.00	39.19 2.11 0.19	39.43 2.57 0.71	27.44 2.50 -0.01	54.72 2.80 -22.69	33.29 2.57 0.00	29.57 2.07 0.00	30.51 2.02 0.00	36.38 2.23 0.00	26.76 1.28 0.00	24.49 1.48 0.00	23.14 1.36 0.00
SOUTHDOW_115KV_TB1 355954	28.70 0.26 0.00	26.89 0.22 0.00	22.31 0.08 0.00	22.54 0.00 0.00	24.07 0.00 0.00	26.15 0.22 0.00	29.11 0.43 0.00	32.74 0.20 0.00	33.91 0.55 0.24	30.64 0.56 0.25	30.58 0.72 0.00	35.09 0.46 0.00	38.26 0.39 0.00	38.10 1.06 0.22	37.01 -0.28 0.30	24.33 -0.59 0.00	28.88 -0.36 0.00	30.38 -0.34 0.00	27.01 -0.49 0.00	28.48 -0.01 0.00	33.91 -0.24 0.00	25.22 -0.25 0.00	22.84 -0.17 0.00	21.67 -0.11 0.00
SOUTHOLD_69_KV_BK 2 55809	29.53 1.09 0.00	27.60 0.93 0.00	23.09 0.86 0.00	23.25 0.71 0.00	25.02 0.96 0.00	26.69 0.76 0.00	29.69 1.02 0.00	34.25 1.70 0.00	35.54 1.94 0.00	31.92 1.60 0.00	31.95 2.10 0.00	36.49 1.86 0.00	40.21 2.34 0.00	39.34 2.27 0.19	39.68 2.81 0.71	27.63 2.69 -0.01	54.98 3.06 -22.69	33.62 2.90 0.00	29.87 2.37 0.00	30.88 2.39 0.00	36.70 2.55 0.00	26.87 1.39 0.00	24.68 1.67 0.00	23.29 1.51 0.00
SOUTHOLD___IC 23719	29.53 1.09 0.00	27.60 0.93 0.00	23.09 0.86 0.00	23.25 0.71 0.00	25.02 0.96 0.00	26.69 0.76 0.00	29.69 1.02 0.00	34.24 1.70 0.00	35.54 1.94 0.00	31.92 1.59 0.00	31.95 2.10 0.00	36.49 1.86 0.00	40.20 2.33 0.00	39.35 2.27 0.19	39.68 2.81 0.71	27.62 2.69 -0.01	54.98 3.06 -22.69	33.62 2.90 0.00	29.87 2.37 0.00	30.88 2.39 0.00	36.70 2.55 0.00	26.87 1.39 0.00	24.69 1.68 0.00	23.29 1.51 0.00
SOUTH_FORK_WT_PWR 323839	29.29 0.85 0.00	27.41 0.75 0.00	22.91 0.68 0.00	23.04 0.49 0.00	24.88 0.82 0.00	26.47 0.54 0.00	29.51 0.84 0.00	34.20 1.65 0.00	35.42 1.82 0.00	31.75 1.43 0.00	31.82 1.97 0.00	36.35 1.72 0.00	40.05 2.18 0.00	39.14 2.07 0.19	39.55 2.68 0.71	27.58 2.65 -0.01	54.95 3.03 -22.69	33.63 2.91 0.00	29.90 2.39 0.00	30.94 2.45 0.00	36.67 2.53 0.00	26.74 1.27 0.00	24.67 1.66 0.00	23.29 1.51 0.00
SPIERFLS_115KV_TB 1 80737	30.01 1.57 0.00	28.27 1.61 0.00	23.63 1.39 0.00	24.01 1.47 0.00	25.68 1.61 0.00	27.58 1.66 0.00	30.34 1.66 0.00	34.48 1.94 0.00	35.70 2.11 0.00	32.16 1.84 0.00	31.64 1.79 0.00	36.53 1.90 0.00	39.46 1.59 0.00	38.78 1.51 0.00	39.42 1.84 0.00	26.26 1.34 0.00	28.42 1.72 2.53	32.66 1.94 0.00	29.54 2.04 0.00	30.42 1.92 0.00	36.49 2.34 0.00	27.25 1.77 0.00	24.56 1.55 0.00	23.23 1.45 0.00
ST LAWRENCE____ 23600	28.46 0.02 0.00	26.52 -0.14 0.00	21.95 -0.28 0.00	22.20 -0.35 0.00	23.68 -0.38 0.00	25.64 -0.28 0.00	28.50 -0.18 0.00	32.34 -0.20 0.00	33.48 -0.40 -0.28	30.67 -0.27 -0.61	29.58 -0.28 0.00	34.62 0.00 0.00	37.86 -0.01 0.00	37.13 -0.14 0.00	37.40 -0.19 0.00	24.68 -0.25 0.00	28.87 -0.36 0.00	30.40 -0.31 0.00	27.25 -0.25 0.00	28.29 -0.20 0.00	33.93 -0.22 0.00	25.31 -0.16 0.00	22.76 -0.25 0.00	21.42 -0.36 0.00

STATE_CA_115KV_115_LB 55624	28.78 0.34 0.00	27.13 0.47 0.00	22.83 0.59 0.00	23.34 0.80 0.00	24.89 0.83 0.00	26.57 0.64 0.00	29.22 0.54 0.00	33.19 0.65 0.00	34.11 0.52 0.00	30.74 0.41 0.00	30.20 0.34 0.00	34.93 0.31 0.00	38.10 0.23 0.00	37.50 0.23 0.00	38.18 0.60 0.00	25.48 0.56 0.00	27.31 0.72 2.64	31.42 0.70 0.00	28.12 0.62 0.00	28.95 0.46 0.00	34.82 0.67 0.00	26.00 0.53 0.00	23.54 0.53 0.00	22.34 0.55 0.00
STATE_ST_34_KV_LOAD 55959	28.32 -0.12 0.00	26.58 -0.08 0.00	22.20 -0.04 0.00	22.50 -0.05 0.00	24.03 -0.03 0.00	25.87 -0.06 0.00	28.57 -0.11 0.00	32.39 -0.15 0.00	33.48 -0.11 0.00	30.17 -0.16 0.00	29.60 -0.25 0.00	33.91 -0.71 0.00	37.13 -0.75 0.00	36.75 -0.52 -0.01	36.78 -0.80 0.00	24.60 -0.64 -0.31	28.77 -0.47 0.00	30.32 -0.39 0.00	27.15 -0.36 0.00	28.32 -0.17 0.00	33.78 -0.37 0.00	25.25 -0.22 0.00	22.81 -0.20 0.00	21.63 -0.15 0.00
STATION_5_MISC_HYD 23604	28.06 -0.39 0.00	26.33 -0.33 0.00	21.87 -0.37 0.00	22.16 -0.38 0.00	23.65 -0.41 0.00	25.60 -0.32 0.00	28.32 -0.36 0.00	32.01 -0.54 0.00	33.18 -0.42 0.00	30.04 -0.28 0.00	29.55 -0.30 0.00	34.09 -0.54 0.00	37.59 -0.29 0.00	37.22 -0.05 0.00	36.80 -0.79 0.00	23.91 -1.01 0.00	28.23 -1.01 0.00	29.80 -0.92 0.00	26.70 -0.80 0.00	28.18 -0.31 0.00	33.51 -0.64 0.00	25.14 -0.34 0.00	22.72 -0.29 0.00	21.50 -0.28 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.05 -0.40 0.00	26.32 -0.34 0.00	21.90 -0.33 0.00	22.19 -0.35 0.00	23.70 -0.36 0.00	25.61 -0.32 0.00	28.34 -0.34 0.00	32.08 -0.46 0.00	33.16 -0.43 0.00	29.96 -0.37 0.00	29.44 -0.42 0.00	33.89 -0.73 0.00	37.31 -0.57 0.00	36.92 -0.35 0.00	36.68 -0.91 0.00	24.01 -0.91 0.00	28.39 -0.85 0.00	29.93 -0.79 0.00	26.80 -0.70 0.00	28.13 -0.37 0.00	33.47 -0.68 0.00	25.10 -0.38 0.00	22.66 -0.34 0.00	21.45 -0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.91 -0.53 0.00	26.20 -0.47 0.00	21.76 -0.48 0.00	22.05 -0.49 0.00	23.54 -0.53 0.00	25.46 -0.47 0.00	28.16 -0.51 0.00	31.85 -0.70 0.00	32.97 -0.62 0.00	29.86 -0.47 0.00	29.36 -0.49 0.00	33.88 -0.74 0.00	37.34 -0.54 0.00	36.97 -0.30 0.00	36.58 -1.00 0.00	23.82 -1.10 0.00	28.10 -1.14 0.00	29.67 -1.05 0.00	26.57 -0.93 0.00	28.00 -0.49 0.00	33.31 -0.84 0.00	24.98 -0.49 0.00	22.57 -0.44 0.00	21.37 -0.42 0.00
STA_56___34_KV_BUS2 355983	27.91 -0.53 0.00	26.20 -0.47 0.00	21.76 -0.48 0.00	22.05 -0.49 0.00	23.54 -0.53 0.00	25.46 -0.47 0.00	28.16 -0.51 0.00	31.85 -0.70 0.00	32.97 -0.62 0.00	29.86 -0.47 0.00	29.36 -0.49 0.00	33.88 -0.74 0.00	37.34 -0.54 0.00	36.97 -0.30 0.00	36.58 -1.00 0.00	23.82 -1.10 0.00	28.10 -1.14 0.00	29.67 -1.05 0.00	26.57 -0.93 0.00	28.00 -0.49 0.00	33.31 -0.84 0.00	24.98 -0.49 0.00	22.57 -0.44 0.00	21.37 -0.42 0.00
STA_67___115KV_BK2 355882	27.99 -0.45 0.00	26.28 -0.38 0.00	21.82 -0.41 0.00	22.12 -0.43 0.00	23.61 -0.46 0.00	25.55 -0.38 0.00	28.25 -0.42 0.00	31.93 -0.61 0.00	33.10 -0.49 0.00	29.98 -0.34 0.00	29.48 -0.37 0.00	34.00 -0.62 0.00	37.48 -0.40 0.00	37.11 -0.16 0.00	36.67 -0.91 0.00	23.86 -1.07 0.00	28.15 -1.08 0.00	29.72 -1.00 0.00	26.63 -0.88 0.00	28.10 -0.39 0.00	33.43 -0.72 0.00	25.08 -0.40 0.00	22.68 -0.33 0.00	21.46 -0.32 0.00
STA_7___115KV_9TRANS 80674	28.19 -0.25 0.00	26.46 -0.21 0.00	21.96 -0.27 0.00	22.26 -0.29 0.00	23.76 -0.30 0.00	25.72 -0.21 0.00	28.45 -0.23 0.00	32.16 -0.38 0.00	33.34 -0.26 0.00	30.20 -0.13 0.00	29.70 -0.15 0.00	34.27 -0.35 0.00	37.80 -0.07 0.00	37.45 0.18 0.00	37.01 -0.57 0.00	24.05 -0.88 0.00	28.39 -0.85 0.00	30.01 -0.71 0.00	26.88 -0.63 0.00	28.36 -0.13 0.00	33.71 -0.44 0.00	25.28 -0.19 0.00	22.85 -0.16 0.00	21.61 -0.17 0.00
STA_82___115KV_TB1 80780	28.00 -0.45 0.00	26.28 -0.38 0.00	21.83 -0.41 0.00	22.12 -0.42 0.00	23.61 -0.45 0.00	25.56 -0.37 0.00	28.26 -0.42 0.00	31.94 -0.61 0.00	33.07 -0.52 0.00	29.94 -0.38 0.00	29.45 -0.41 0.00	33.96 -0.67 0.00	37.42 -0.45 0.00	37.05 -0.22 0.00	36.63 -0.95 0.00	23.83 -1.09 0.00	28.12 -1.11 0.00	29.68 -1.04 0.00	26.60 -0.91 0.00	28.06 -0.43 0.00	33.39 -0.76 0.00	25.05 -0.42 0.00	22.66 -0.36 0.00	21.44 -0.34 0.00
STEEL___WIND 323596	27.87 -0.57 0.00	26.15 -0.51 0.00	21.66 -0.58 0.00	21.93 -0.62 0.00	23.41 -0.65 0.00	25.41 -0.52 0.00	28.15 -0.52 0.00	31.65 -0.90 0.00	32.15 -0.72 0.73	29.17 -0.39 0.76	29.50 -0.36 0.00	33.84 -0.79 0.00	37.19 -0.68 0.00	36.19 -0.37 0.71	34.94 -1.74 0.90	22.20 -1.66 1.06	27.66 -1.57 0.00	29.02 -1.70 0.00	25.94 -1.57 0.00	27.75 -0.74 0.00	32.91 -1.24 0.00	24.82 -0.66 0.00	22.44 -0.57 0.00	21.30 -0.48 0.00
STEPHTWN_115KV_BK_2 55603	28.83 0.39 0.00	27.21 0.55 0.00	22.92 0.69 0.00	23.43 0.89 0.00	25.01 0.95 0.00	26.71 0.78 0.00	29.40 0.72 0.00	33.36 0.82 0.00	34.30 0.71 0.00	30.94 0.61 0.00	30.39 0.53 0.00	35.15 0.52 0.00	38.28 0.41 0.00	37.77 0.50 0.00	38.45 0.87 0.00	25.64 0.71 0.00	27.58 0.96 2.62	31.67 0.96 0.00	28.27 0.76 0.00	29.22 0.72 0.00	35.03 0.87 0.00	26.18 0.71 0.00	23.67 0.66 0.00	22.49 0.71 0.00
STEUBEN_REC_LFGE 323667	27.67 -0.77 0.00	26.05 -0.61 0.00	21.66 -0.57 0.00	21.87 -0.67 0.00	23.43 -0.64 0.00	25.58 -0.34 0.00	28.38 -0.30 0.00	32.10 -0.45 0.00	35.90 -0.59 -2.90	32.63 -0.71 -3.02	29.27 -0.58 0.00	33.27 -1.35 0.00	36.53 -1.35 0.00	39.16 -0.95 -2.84	39.60 -1.56 -3.58	28.16 -1.40 -4.64	28.06 -1.18 0.00	29.93 -0.79 0.00	26.77 -0.74 0.00	27.95 -0.54 0.00	33.13 -1.02 0.00	24.85 -0.62 0.00	22.41 -0.60 0.00	21.11 -0.67 0.00
STILLWATER___SOLAR 323814	29.63 1.19 0.00	27.95 1.28 0.00	23.36 1.12 0.00	23.76 1.21 0.00	25.37 1.31 0.00	27.21 1.28 0.00	29.91 1.24 0.00	33.99 1.45 0.00	35.14 1.55 0.00	31.64 1.31 0.00	31.09 1.24 0.00	35.95 1.32 0.00	39.10 1.22 0.00	38.39 1.12 0.00	39.05 1.47 0.00	26.03 1.11 0.00	28.04 1.41 2.60	32.26 1.54 0.00	29.02 1.51 0.00	29.92 1.43 0.00	35.95 1.80 0.00	26.81 1.33 0.00	24.19 1.18 0.00	22.92 1.14 0.00
STONY___BROOK 24151	29.62 1.18 0.00	27.77 1.11 0.00	23.30 1.07 0.00	23.52 0.98 0.00	25.11 1.05 0.00	26.92 0.99 0.00	29.74 1.06 0.00	33.89 1.35 0.00	35.29 1.70 0.00	31.74 1.41 0.00	31.70 1.84 0.00	36.27 1.64 0.00	39.90 2.03 0.00	39.20 2.12 0.18	39.36 2.47 0.69	27.31 2.38 -0.01	54.54 2.61 -22.69	33.03 2.31 0.00	29.34 1.83 0.00	30.20 1.71 0.00	36.14 1.99 0.00	26.75 1.28 0.00	24.39 1.39 0.00	23.02 1.23 0.00
STURGEON_POOL_HYD 23609	29.68 1.24 0.00	28.01 1.35 0.00	23.47 1.24 0.00	23.79 1.24 0.00	25.41 1.35 0.00	27.25 1.32 0.00	30.02 1.34 0.00	34.22 1.68 0.00	35.67 2.08 0.00	32.17 1.85 0.00	31.69 1.84 0.00	36.55 1.93 0.00	40.11 2.24 0.00	39.51 2.25 0.00	40.17 2.59 0.00	26.96 2.03 0.00	42.26 2.50 -10.53	33.13 2.41 0.00	29.53 2.03 0.00	30.44 1.95 0.00	36.46 2.31 0.00	27.09 1.61 0.00	24.48 1.48 0.00	23.16 1.37 0.00

ST_LAW_115_BK7_LBMP 345037	28.46 0.02 0.00	26.52 -0.14 0.00	21.95 -0.29 0.00	22.19 -0.36 0.00	23.66 -0.40 0.00	25.63 -0.30 0.00	28.50 -0.18 0.00	32.35 -0.20 0.00	33.65 -0.41 -0.46	31.06 -0.29 -1.02	29.53 -0.32 0.00	34.62 0.00 0.00	37.86 -0.02 0.00	37.12 -0.15 0.00	37.38 -0.21 0.00	24.66 -0.26 0.00	28.85 -0.39 0.00	30.39 -0.32 0.00	27.25 -0.26 0.00	28.27 -0.22 0.00	33.92 -0.23 0.00	25.31 -0.17 0.00	22.76 -0.25 0.00	21.40 -0.38 0.00
ST_LAW_115_BK8_LBMP 345038	28.46 0.02 0.00	26.52 -0.14 0.00	21.95 -0.29 0.00	22.19 -0.36 0.00	23.66 -0.40 0.00	25.63 -0.30 0.00	28.50 -0.18 0.00	32.35 -0.20 0.00	33.65 -0.41 -0.46	31.06 -0.29 -1.02	29.53 -0.32 0.00	34.62 0.00 0.00	37.86 -0.02 0.00	37.12 -0.15 0.00	37.38 -0.21 0.00	24.66 -0.26 0.00	28.85 -0.39 0.00	30.39 -0.32 0.00	27.25 -0.26 0.00	28.27 -0.22 0.00	33.92 -0.23 0.00	25.31 -0.17 0.00	22.76 -0.25 0.00	21.40 -0.38 0.00
ST_LAW_230_BK5_LBMP 345035	28.46 0.02 0.00	26.52 -0.14 0.00	21.95 -0.28 0.00	22.20 -0.35 0.00	23.68 -0.38 0.00	25.64 -0.28 0.00	28.50 -0.18 0.00	32.34 -0.20 0.00	33.20 -0.40 0.00	30.05 -0.27 0.00	29.58 -0.28 0.00	34.62 0.00 0.00	37.86 -0.01 0.00	37.13 -0.14 0.00	37.40 -0.19 0.00	24.68 -0.25 0.00	28.87 -0.36 0.00	30.40 -0.31 0.00	27.25 -0.25 0.00	28.29 -0.20 0.00	33.93 -0.22 0.00	25.31 -0.16 0.00	22.76 -0.25 0.00	21.42 -0.36 0.00
ST_LAW_230_BK6_LBMP 345036	28.46 0.02 0.00	26.52 -0.14 0.00	21.95 -0.28 0.00	22.20 -0.35 0.00	23.68 -0.38 0.00	25.64 -0.28 0.00	28.50 -0.18 0.00	32.34 -0.20 0.00	33.20 -0.40 0.00	30.05 -0.27 0.00	29.58 -0.28 0.00	34.62 0.00 0.00	37.86 -0.01 0.00	37.13 -0.14 0.00	37.40 -0.19 0.00	24.68 -0.25 0.00	28.87 -0.36 0.00	30.40 -0.31 0.00	27.25 -0.25 0.00	28.29 -0.20 0.00	33.93 -0.22 0.00	25.31 -0.16 0.00	22.76 -0.25 0.00	21.42 -0.36 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.47 1.03 0.00	27.81 1.14 0.00	23.29 1.05 0.00	23.60 1.05 0.00	25.20 1.14 0.00	27.03 1.10 0.00	29.77 1.10 0.00	33.87 1.33 0.00	35.24 1.65 0.00	31.77 1.45 0.00	31.30 1.45 0.00	36.14 1.52 0.00	39.63 1.75 0.00	39.05 1.78 0.00	39.71 2.13 0.00	26.61 1.68 -0.01	49.78 2.06 -18.49	32.74 2.02 0.00	29.21 1.70 0.00	30.09 1.60 0.00	36.08 1.93 0.00	26.81 1.34 0.00	24.26 1.25 0.00	22.95 1.17 0.00
SWANROAD_115KV_TB1 355699	27.18 -1.26 0.00	25.45 -1.22 0.00	21.03 -1.21 0.00	21.32 -1.23 0.00	22.75 -1.32 0.00	24.73 -1.20 0.00	27.35 -1.33 0.00	30.65 -1.90 0.00	30.78 -1.85 0.96	27.83 -1.50 1.00	28.38 -1.47 0.00	32.53 -2.10 0.00	35.81 -2.06 0.00	34.56 -1.77 0.94	33.25 -3.14 1.19	20.76 -2.72 1.44	26.33 -2.90 0.00	27.69 -3.03 0.00	24.82 -2.69 0.00	26.76 -1.74 0.00	31.78 -2.37 0.00	24.03 -1.44 0.00	21.82 -1.19 0.00	20.72 -1.06 0.00
SYNERGY___BIOGAS 323694	28.31 -0.13 0.00	26.54 -0.12 0.00	21.98 -0.26 0.00	22.26 -0.28 0.00	23.78 -0.29 0.00	25.85 -0.08 0.00	28.69 0.02 0.00	32.31 -0.23 0.00	32.69 -0.23 0.67	29.26 -0.36 0.70	29.36 -0.50 0.00	33.76 -0.86 0.00	37.35 -0.52 0.00	36.53 -0.04 0.70	35.70 -1.00 0.88	22.47 -1.46 1.00	27.79 -1.44 0.00	29.59 -1.12 0.00	26.65 -0.85 0.00	28.39 -0.10 0.00	33.71 -0.45 0.00	25.37 -0.10 0.00	22.93 -0.08 0.00	21.70 -0.09 0.00
SYRACUSE___ENERGY_ST1 323597	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.09 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.67 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.17 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	28.26 -0.19 0.00	26.52 -0.14 0.00	22.15 -0.08 0.00	22.46 -0.09 0.00	23.98 -0.08 0.00	25.78 -0.15 0.00	28.45 -0.23 0.00	32.27 -0.27 0.00	33.38 -0.21 0.00	30.10 -0.22 0.00	29.58 -0.27 0.00	33.98 -0.64 0.00	37.21 -0.67 0.00	36.78 -0.49 0.00	36.91 -0.67 0.00	24.43 -0.49 0.00	28.86 -0.38 0.00	30.37 -0.35 0.00	27.17 -0.33 0.00	28.27 -0.22 0.00	33.74 -0.41 0.00	25.21 -0.27 0.00	22.77 -0.24 0.00	21.60 -0.18 0.00
SYRACUSE___POWER 24017	28.35 -0.09 0.00	26.62 -0.04 0.00	22.25 0.01 0.00	22.55 0.01 0.00	24.08 0.02 0.00	25.87 -0.06 0.00	28.57 -0.10 0.00	32.42 -0.12 0.00	33.56 -0.04 0.00	30.25 -0.08 0.00	29.76 -0.10 0.00	34.04 -0.59 0.00	37.28 -0.60 0.00	36.87 -0.39 0.00	36.98 -0.60 0.00	24.44 -0.49 0.00	28.93 -0.31 0.00	30.42 -0.30 0.00	27.21 -0.30 0.00	28.33 -0.16 0.00	33.79 -0.36 0.00	25.27 -0.21 0.00	22.83 -0.18 0.00	21.67 -0.11 0.00
TALLMAN__138KV_BK151 55660	29.66 1.21 0.00	27.99 1.32 0.00	23.43 1.19 0.00	23.74 1.19 0.00	25.35 1.29 0.00	27.20 1.28 0.00	29.97 1.29 0.00	34.10 1.56 0.00	35.51 1.92 0.00	32.01 1.69 0.00	31.55 1.70 0.00	36.41 1.78 0.00	39.95 2.08 0.00	39.41 2.14 0.00	40.10 2.51 0.00	26.89 1.95 -0.01	52.21 2.41 -20.57	33.06 2.34 0.00	29.47 1.96 0.00	30.35 1.86 0.00	36.36 2.21 0.00	27.01 1.53 0.00	24.45 1.44 0.00	23.14 1.35 0.00
TEALLAVE_115KV_TB7 355573	28.25 -0.19 0.00	26.53 -0.13 0.00	22.16 -0.07 0.00	22.47 -0.07 0.00	23.99 -0.08 0.00	25.77 -0.16 0.00	28.45 -0.23 0.00	32.30 -0.25 0.00	33.42 -0.17 0.00	30.15 -0.18 0.00	29.66 -0.20 0.00	33.99 -0.63 0.00	37.22 -0.65 0.00	36.82 -0.45 0.00	36.92 -0.66 0.00	24.41 -0.51 0.00	28.85 -0.38 0.00	30.36 -0.36 0.00	27.15 -0.36 0.00	28.24 -0.25 0.00	33.69 -0.46 0.00	25.20 -0.28 0.00	22.77 -0.24 0.00	21.61 -0.17 0.00
TELGRAPH_34_KV_EAST 80808	27.76 -0.68 0.00	26.02 -0.64 0.00	21.53 -0.71 0.00	21.81 -0.73 0.00	23.29 -0.77 0.00	25.32 -0.61 0.00	28.04 -0.64 0.00	31.50 -1.04 0.00	31.70 -1.01 0.88	28.57 -0.84 0.92	28.96 -0.90 0.00	33.26 -1.36 0.00	36.67 -1.20 0.00	35.56 -0.84 0.87	34.41 -2.07 1.10	21.57 -2.03 1.32	27.14 -2.09 0.00	28.70 -2.02 0.00	25.75 -1.75 0.00	27.59 -0.91 0.00	32.75 -1.41 0.00	24.71 -0.76 0.00	22.38 -0.63 0.00	21.20 -0.58 0.00
TEMPLE___115KV_TB 2 55572	28.26 -0.19 0.00	26.53 -0.13 0.00	22.16 -0.07 0.00	22.48 -0.06 0.00	24.00 -0.06 0.00	25.79 -0.14 0.00	28.46 -0.22 0.00	32.31 -0.23 0.00	33.44 -0.16 0.00	30.16 -0.17 0.00	29.67 -0.19 0.00	33.99 -0.63 0.00	37.22 -0.65 0.00	36.82 -0.45 0.00	36.92 -0.66 0.00	24.41 -0.52 0.00	28.87 -0.37 0.00	30.35 -0.36 0.00	27.13 -0.37 0.00	28.24 -0.26 0.00	33.69 -0.46 0.00	25.18 -0.29 0.00	22.76 -0.25 0.00	21.60 -0.18 0.00
TIANA____69_KV_BK 1 55817	29.57 1.13 0.00	27.58 0.92 0.00	23.13 0.89 0.00	23.33 0.78 0.00	24.97 0.91 0.00	26.73 0.80 0.00	29.61 0.93 0.00	33.89 1.35 0.00	35.26 1.67 0.00	31.72 1.39 0.00	31.71 1.86 0.00	36.21 1.58 0.00	39.90 2.03 0.00	39.13 2.05 0.19	39.34 2.47 0.71	27.36 2.43 -0.01	54.61 2.69 -22.69	33.17 2.45 0.00	29.46 1.96 0.00	30.38 1.89 0.00	36.26 2.11 0.00	26.73 1.25 0.00	24.42 1.41 0.00	23.07 1.28 0.00

TILDEN___115KV_TB1 80814	28.35 -0.09 0.00	26.62 -0.04 0.00	22.25 0.01 0.00	22.55 0.01 0.00	24.08 0.02 0.00	25.87 -0.06 0.00	28.57 -0.10 0.00	32.42 -0.12 0.00	33.56 -0.04 0.00	30.25 -0.08 0.00	29.76 -0.10 0.00	34.04 -0.59 0.00	37.28 -0.60 0.00	36.87 -0.39 0.00	36.98 -0.60 0.00	24.44 -0.49 0.00	28.93 -0.31 0.00	30.42 -0.30 0.00	27.21 -0.30 0.00	28.33 -0.16 0.00	33.79 -0.36 0.00	25.27 -0.21 0.00	22.83 -0.18 0.00	21.67 -0.11 0.00
TRIGEN___CC 323695	29.65 1.20 0.00	27.96 1.30 0.00	23.44 1.20 0.00	23.71 1.17 0.00	25.31 1.24 0.00	27.14 1.21 0.00	29.90 1.23 0.00	34.01 1.47 0.00	35.42 1.82 0.00	31.87 1.54 0.00	31.66 1.80 0.00	36.32 1.70 0.00	39.97 2.10 0.00	40.11 2.17 -0.67	42.61 2.50 -2.53	27.12 2.19 -0.01	54.37 2.44 -22.69	32.96 2.24 0.00	29.30 1.80 0.00	30.18 1.69 0.00	36.15 2.00 0.00	26.85 1.37 0.00	24.42 1.41 0.00	23.07 1.28 0.00
TRINITY__115KV__4 BK 55933	28.65 0.21 0.00	27.03 0.36 0.00	22.75 0.51 0.00	23.27 0.73 0.00	24.81 0.75 0.00	26.48 0.55 0.00	29.09 0.41 0.00	33.04 0.50 0.00	33.96 0.36 0.00	30.58 0.25 0.00	30.03 0.17 0.00	34.72 0.10 0.00	37.86 -0.01 0.00	37.29 0.02 0.00	37.98 0.40 0.00	25.37 0.45 0.00	27.13 0.57 2.67	31.26 0.54 0.00	27.99 0.48 0.00	28.80 0.30 0.00	34.65 0.50 0.00	25.88 0.40 0.00	23.44 0.43 0.00	22.25 0.47 0.00
UNION___PROCESSING_DRP 323587	28.01 -0.44 0.00	26.28 -0.38 0.00	21.83 -0.41 0.00	22.12 -0.42 0.00	23.62 -0.45 0.00	25.56 -0.37 0.00	28.27 -0.40 0.00	31.94 -0.60 0.00	33.08 -0.51 0.00	29.95 -0.37 0.00	29.45 -0.41 0.00	33.96 -0.66 0.00	37.42 -0.45 0.00	37.06 -0.20 0.00	36.64 -0.94 0.00	23.83 -1.09 0.00	28.12 -1.11 0.00	29.68 -1.04 0.00	26.61 -0.90 0.00	28.08 -0.41 0.00	33.39 -0.76 0.00	25.05 -0.42 0.00	22.66 -0.35 0.00	21.44 -0.34 0.00
UPPER HUDSON___HYD 24058	30.01 1.57 0.00	28.27 1.61 0.00	23.62 1.39 0.00	24.01 1.47 0.00	25.68 1.62 0.00	27.58 1.66 0.00	30.34 1.66 0.00	34.48 1.94 0.00	35.70 2.11 0.00	32.16 1.84 0.00	31.64 1.78 0.00	36.53 1.90 0.00	39.46 1.59 0.00	38.78 1.51 0.00	39.42 1.84 0.00	26.26 1.34 0.00	28.42 1.72 2.53	32.66 1.94 0.00	29.54 2.04 0.00	30.42 1.92 0.00	36.49 2.34 0.00	27.25 1.78 0.00	24.56 1.55 0.00	23.23 1.45 0.00
UPPER RAQUET___HYD 24056	28.89 0.45 0.00	26.85 0.19 0.00	22.19 -0.05 0.00	22.39 -0.15 0.00	23.79 -0.27 0.00	25.71 -0.22 0.00	28.67 -0.01 0.00	32.59 0.05 0.00	37.12 -0.14 -3.66	38.34 -0.07 -8.08	29.45 -0.40 0.00	34.68 0.05 0.00	37.67 -0.21 0.00	36.92 -0.35 0.00	36.92 -0.66 0.00	24.33 -0.59 0.00	28.68 -0.56 0.00	30.54 -0.18 0.00	27.41 -0.10 0.00	28.25 -0.25 0.00	33.96 -0.19 0.00	25.35 -0.13 0.00	23.11 0.10 0.00	21.60 -0.18 0.00
VALLEY44_115KV_TB2 355964	28.28 -0.16 0.00	26.63 -0.03 0.00	22.21 -0.03 0.00	22.50 -0.05 0.00	24.05 -0.01 0.00	26.06 0.13 0.00	28.84 0.17 0.00	32.43 -0.11 0.00	33.65 0.05 0.00	30.51 0.18 0.00	30.09 0.24 0.00	34.33 -0.29 0.00	37.81 -0.06 0.00	37.55 0.29 0.00	36.58 -1.00 0.00	23.70 -1.22 0.00	28.24 -0.99 0.00	29.68 -1.04 0.00	26.42 -1.09 0.00	27.97 -0.52 0.00	33.19 -0.96 0.00	24.96 -0.51 0.00	22.71 -0.30 0.00	21.62 -0.16 0.00
VALLEY___115KV_TB 1-4 80826	28.42 -0.03 0.00	26.73 0.07 0.00	22.38 0.15 0.00	22.75 0.21 0.00	24.27 0.21 0.00	26.05 0.12 0.00	28.66 -0.01 0.00	32.60 0.05 0.00	33.74 0.14 0.00	30.36 0.03 0.00	29.93 0.08 0.00	34.55 -0.08 0.00	37.54 -0.33 0.00	36.91 -0.36 0.00	37.31 -0.28 0.00	25.00 0.08 0.00	29.54 0.31 0.00	31.08 0.36 0.00	27.81 0.31 0.00	28.64 0.15 0.00	34.42 0.27 0.00	25.65 0.18 0.00	23.22 0.21 0.00	22.06 0.28 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.25 0.80 0.00	27.50 0.84 0.00	23.09 0.85 0.00	23.43 0.88 0.00	25.00 0.94 0.00	26.76 0.84 0.00	29.61 0.93 0.00	33.62 1.08 0.00	34.94 1.35 0.00	31.60 1.27 0.00	31.17 1.32 0.00	36.23 1.61 0.00	39.70 1.82 0.00	38.94 1.67 0.00	39.08 1.50 0.00	26.13 1.21 0.00	32.49 1.55 -1.70	32.29 1.57 0.00	28.82 1.32 0.00	29.85 1.36 0.00	35.76 1.61 0.00	26.61 1.13 0.00	24.03 1.02 0.00	22.67 0.89 0.00
VISCHER___FERRY HYD 24020	29.17 0.73 0.00	27.55 0.89 0.00	23.04 0.80 0.00	23.45 0.91 0.00	25.03 0.97 0.00	26.78 0.85 0.00	29.39 0.71 0.00	33.42 0.88 0.00	34.51 0.92 0.00	31.06 0.74 0.00	30.49 0.63 0.00	35.22 0.59 0.00	38.36 0.49 0.00	37.73 0.46 0.00	38.47 0.89 0.00	25.69 0.77 0.00	27.39 0.95 2.79	31.71 0.99 0.00	28.48 0.98 0.00	29.34 0.84 0.00	35.30 1.15 0.00	26.31 0.83 0.00	23.78 0.77 0.00	22.56 0.78 0.00
V_A_10_SYNC_DSASP 323832	27.54 -0.90 0.00	25.88 -0.78 0.00	21.46 -0.78 0.00	21.75 -0.79 0.00	23.21 -0.85 0.00	25.17 -0.76 0.00	27.82 -0.86 0.00	31.29 -1.25 0.00	31.72 -1.20 0.68	28.68 -0.94 0.71	28.94 -0.91 0.00	33.24 -1.38 0.00	36.57 -1.31 0.00	35.55 -1.06 0.66	34.57 -2.17 0.84	21.96 -1.95 1.01	27.19 -2.04 0.00	28.58 -2.14 0.00	25.58 -1.93 0.00	27.27 -1.23 0.00	32.42 -1.73 0.00	24.43 -1.04 0.00	22.14 -0.87 0.00	20.99 -0.79 0.00
V_CMM_10_SYNC_DSASP 323787	28.62 0.17 0.00	26.65 -0.01 0.00	22.06 -0.18 0.00	22.30 -0.24 0.00	23.79 -0.27 0.00	25.77 -0.15 0.00	28.66 -0.02 0.00	32.52 -0.02 0.00	33.83 -0.23 -0.46	31.22 -0.13 -1.02	29.71 -0.14 0.00	34.83 0.20 0.00	38.06 0.19 0.00	37.32 0.05 0.00	37.58 0.00 0.00	24.79 -0.14 0.00	28.99 -0.24 0.00	30.55 -0.16 0.00	27.39 -0.11 0.00	28.43 -0.06 0.00	34.10 -0.05 0.00	25.44 -0.03 0.00	22.88 -0.13 0.00	21.52 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	28.84 0.40 0.00	26.88 0.21 0.00	22.22 -0.02 0.00	22.41 -0.13 0.00	23.86 -0.21 0.00	25.75 -0.18 0.00	28.51 -0.17 0.00	32.33 -0.21 0.00	13.69 -0.58 19.33	-12.76 -0.46 42.63	29.72 -0.13 0.00	34.81 0.19 0.00	38.08 0.21 0.00	37.11 -0.15 0.00	37.56 -0.02 0.00	24.95 0.03 0.00	29.26 0.03 0.00	31.02 0.30 0.00	27.82 0.31 0.00	28.67 0.18 0.00	34.29 0.14 0.00	25.60 0.13 0.00	23.04 0.03 0.00	21.61 -0.18 0.00
V_D_10_SYNC_DSASP 323841	28.78 0.34 0.00	26.80 0.14 0.00	22.17 -0.06 0.00	22.42 -0.13 0.00	23.91 -0.16 0.00	25.91 -0.02 0.00	28.82 0.14 0.00	32.71 0.17 0.00	34.51 -0.06 -0.97	32.49 0.02 -2.15	29.60 -0.26 0.00	34.93 0.30 0.00	38.19 0.31 0.00	37.43 0.17 0.00	37.70 0.12 0.00	24.86 -0.07 0.00	29.10 -0.13 0.00	30.71 -0.01 0.00	27.53 0.03 0.00	28.55 0.06 0.00	34.28 0.12 0.00	25.58 0.10 0.00	23.01 0.00 0.00	21.63 -0.15 0.00
V_E_10_SYNC_DSASP 323830	29.38 0.93 0.00	27.42 0.75 0.00	22.84 0.60 0.00	23.10 0.56 0.00	24.59 0.53 0.00	26.60 0.67 0.00	29.72 1.04 0.00	34.04 1.50 0.00	35.87 2.04 -0.23	32.24 1.67 -0.24	31.47 1.62 0.00	35.65 1.02 0.00	38.96 1.08 0.00	38.77 1.27 -0.23	38.38 0.51 -0.29	25.73 0.32 -0.49	31.04 1.13 -0.68	31.81 1.10 0.00	28.52 1.02 0.00	29.97 1.47 0.00	35.82 1.66 0.00	26.53 1.05 0.00	23.95 0.94 0.00	22.96 1.18 0.00



V_F_30_NSYNC___DSASP 323816	29.66 1.22 0.00	27.96 1.30 0.00	23.38 1.15 0.00	23.78 1.23 0.00	25.39 1.33 0.00	27.23 1.30 0.00	29.95 1.27 0.00	34.04 1.49 0.00	35.19 1.60 0.00	31.70 1.37 0.00	31.16 1.31 0.00	36.02 1.39 0.00	39.18 1.31 0.00	38.46 1.20 0.00	39.11 1.53 0.00	26.06 1.14 0.00	28.12 1.45 2.57	32.30 1.58 0.00	29.05 1.55 0.00	29.96 1.47 0.00	36.00 1.84 0.00	26.84 1.36 0.00	24.22 1.21 0.00	22.94 1.16 0.00
V_F_30_SYNC_DSASP 323786	28.78 0.34 0.00	27.13 0.47 0.00	22.83 0.59 0.00	23.34 0.80 0.00	24.89 0.83 0.00	26.57 0.64 0.00	29.22 0.54 0.00	33.19 0.64 0.00	34.11 0.52 0.00	30.74 0.41 0.00	30.20 0.34 0.00	34.93 0.30 0.00	38.09 0.22 0.00	37.50 0.23 0.00	38.18 0.60 0.00	25.48 0.56 0.00	27.30 0.71 2.64	31.41 0.69 0.00	28.12 0.61 0.00	28.94 0.45 0.00	34.82 0.67 0.00	26.00 0.53 0.00	23.54 0.53 0.00	22.34 0.55 0.00
V_XM_10_SYNC_DSASP 323789	28.84 0.40 0.00	26.88 0.21 0.00	22.22 -0.02 0.00	22.41 -0.13 0.00	23.86 -0.21 0.00	25.75 -0.18 0.00	28.51 -0.17 0.00	32.33 -0.21 0.00	13.69 -0.58 19.33	-12.76 -0.46 42.63	29.72 -0.13 0.00	34.81 0.19 0.00	38.08 0.21 0.00	37.11 -0.15 0.00	37.56 -0.02 0.00	24.95 0.03 0.00	29.26 0.03 0.00	31.02 0.30 0.00	27.82 0.31 0.00	28.67 0.18 0.00	34.29 0.14 0.00	25.60 0.13 0.00	23.04 0.03 0.00	21.61 -0.18 0.00
W.BABYLN_69_KV_BK1 56697	29.86 1.42 0.00	28.10 1.43 0.00	23.56 1.33 0.00	23.81 1.26 0.00	25.39 1.33 0.00	27.23 1.30 0.00	30.08 1.40 0.00	34.25 1.70 0.00	35.66 2.07 0.00	32.06 1.73 0.00	31.99 2.14 0.00	36.61 1.98 0.00	40.29 2.42 0.00	39.75 2.49 0.00	40.40 2.82 0.00	27.49 2.56 -0.01	54.73 2.80 -22.69	33.27 2.55 0.00	29.55 2.05 0.00	30.45 1.95 0.00	36.45 2.30 0.00	27.04 1.56 0.00	24.63 1.62 0.00	23.24 1.45 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.77 1.32 0.00	28.09 1.43 0.00	23.52 1.28 0.00	23.82 1.28 0.00	25.45 1.38 0.00	27.30 1.37 0.00	30.08 1.41 0.00	34.24 1.70 0.00	35.66 2.07 0.00	32.16 1.83 0.00	31.69 1.84 0.00	36.57 1.94 0.00	40.12 2.25 0.00	39.58 2.31 0.00	40.25 2.67 0.00	26.99 2.06 -0.01	53.02 2.53 -21.26	33.19 2.47 0.00	29.59 2.08 0.00	30.47 1.98 0.00	36.51 2.36 0.00	27.12 1.64 0.00	24.54 1.53 0.00	23.22 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.75 1.30 0.00	28.13 1.47 0.00	23.57 1.34 0.00	23.87 1.33 0.00	25.50 1.44 0.00	27.34 1.41 0.00	30.13 1.46 0.00	34.33 1.79 0.00	35.79 2.20 0.00	32.28 1.96 0.00	31.80 1.95 0.00	36.71 2.08 0.00	40.29 2.42 0.00	39.70 2.44 0.00	40.38 2.80 0.00	27.14 2.20 -0.01	54.64 2.65 -22.76	33.30 2.58 0.00	29.60 2.09 0.00	30.45 1.96 0.00	36.48 2.32 0.00	27.11 1.64 0.00	24.54 1.52 0.00	23.24 1.45 0.00
W50THST__13_KV_LOAD 356117	29.88 1.44 0.00	28.24 1.57 0.00	23.66 1.42 0.00	23.96 1.42 0.00	25.59 1.53 0.00	27.45 1.52 0.00	30.32 1.65 0.00	34.58 2.04 0.00	36.04 2.45 0.00	32.53 2.20 0.00	32.05 2.19 0.00	37.00 2.37 0.00	40.64 2.77 0.00	40.05 2.78 0.00	40.72 3.13 0.00	27.36 2.42 -0.01	54.90 2.91 -22.76	33.54 2.83 0.00	29.79 2.28 0.00	30.62 2.13 0.00	36.67 2.52 0.00	27.25 1.78 0.00	24.66 1.65 0.00	23.35 1.57 0.00
WADING RIVER_IC_1 23522	29.35 0.90 0.00	27.29 0.63 0.00	22.90 0.66 0.00	23.11 0.56 0.00	24.68 0.62 0.00	26.45 0.53 0.00	29.25 0.57 0.00	33.39 0.84 0.00	34.74 1.15 0.00	31.24 0.92 0.00	31.21 1.35 0.00	35.66 1.03 0.00	39.26 1.39 0.00	38.55 1.47 0.19	38.72 1.85 0.72	26.94 2.00 -0.01	54.09 2.16 -22.69	32.59 1.87 0.00	28.95 1.45 0.00	29.82 1.33 0.00	35.66 1.51 0.00	26.35 0.87 0.00	24.05 1.04 0.00	22.68 0.90 0.00
WADING RIVER_IC_2 23547	29.35 0.90 0.00	27.29 0.63 0.00	22.90 0.66 0.00	23.11 0.56 0.00	24.68 0.62 0.00	26.45 0.53 0.00	29.25 0.57 0.00	33.39 0.84 0.00	34.74 1.15 0.00	31.24 0.92 0.00	31.21 1.35 0.00	35.66 1.03 0.00	39.26 1.39 0.00	38.55 1.47 0.19	38.72 1.85 0.72	26.94 2.00 -0.01	54.09 2.16 -22.69	32.59 1.87 0.00	28.95 1.45 0.00	29.82 1.33 0.00	35.66 1.51 0.00	26.35 0.87 0.00	24.05 1.04 0.00	22.68 0.90 0.00
WADING RIVER_IC_3 23601	29.35 0.90 0.00	27.29 0.63 0.00	22.90 0.66 0.00	23.11 0.56 0.00	24.68 0.62 0.00	26.45 0.53 0.00	29.25 0.57 0.00	33.39 0.84 0.00	34.74 1.15 0.00	31.24 0.92 0.00	31.21 1.35 0.00	35.66 1.03 0.00	39.26 1.39 0.00	38.55 1.47 0.19	38.72 1.85 0.72	26.94 2.00 -0.01	54.09 2.16 -22.69	32.59 1.87 0.00	28.95 1.45 0.00	29.82 1.33 0.00	35.66 1.51 0.00	26.35 0.87 0.00	24.05 1.04 0.00	22.68 0.90 0.00
WALDENNY_12_KV_BK2 80841	27.88 -0.56 0.00	26.15 -0.51 0.00	21.66 -0.58 0.00	21.93 -0.62 0.00	23.42 -0.64 0.00	25.43 -0.50 0.00	28.17 -0.51 0.00	31.65 -0.90 0.00	32.14 -0.71 0.75	29.16 -0.38 0.78	29.54 -0.31 0.00	33.88 -0.74 0.00	37.25 -0.63 0.00	36.21 -0.33 0.73	34.92 -1.73 0.93	22.16 -1.66 1.10	27.65 -1.58 0.00	29.02 -1.70 0.00	25.93 -1.57 0.00	27.76 -0.73 0.00	32.94 -1.21 0.00	24.84 -0.64 0.00	22.49 -0.52 0.00	21.31 -0.47 0.00
WALDEN__HYDRO 24148	29.60 1.16 0.00	27.92 1.26 0.00	23.39 1.15 0.00	23.70 1.16 0.00	25.32 1.25 0.00	27.15 1.22 0.00	29.91 1.23 0.00	34.06 1.52 0.00	35.44 1.84 0.00	31.94 1.61 0.00	31.47 1.61 0.00	36.32 1.69 0.00	39.83 1.95 0.00	39.21 1.95 0.00	39.88 2.30 0.00	26.73 1.80 -0.01	45.64 2.21 -14.20	32.88 2.17 0.00	29.34 1.84 0.00	30.25 1.75 0.00	36.26 2.11 0.00	26.95 1.48 0.00	24.37 1.36 0.00	23.05 1.27 0.00
WARRENSBURG____ 23737	30.01 1.57 0.00	28.27 1.61 0.00	23.63 1.39 0.00	24.01 1.47 0.00	25.68 1.61 0.00	27.58 1.66 0.00	30.34 1.66 0.00	34.48 1.94 0.00	35.70 2.11 0.00	32.16 1.84 0.00	31.64 1.79 0.00	36.53 1.90 0.00	39.46 1.59 0.00	38.78 1.51 0.00	39.42 1.84 0.00	26.26 1.34 0.00	28.42 1.72 2.53	32.66 1.94 0.00	29.54 2.04 0.00	30.42 1.92 0.00	36.49 2.34 0.00	27.25 1.77 0.00	24.56 1.55 0.00	23.23 1.45 0.00
WATERSIDE____6 8 9 23538	29.80 1.36 0.00	28.16 1.50 0.00	23.59 1.35 0.00	23.88 1.34 0.00	25.50 1.44 0.00	27.35 1.42 0.00	30.19 1.51 -0.01	34.40 1.86 0.00	35.85 2.26 0.00	32.32 2.00 0.00	31.80 1.94 0.00	36.72 2.09 0.00	40.35 2.47 -0.01	39.76 2.49 -0.01	40.45 2.86 -0.01	27.18 2.24 -0.02	54.66 2.69 -22.74	33.29 2.57 0.00	29.61 2.11 0.00	30.44 1.95 0.00	36.51 2.36 0.00	27.13 1.66 0.00	24.56 1.55 0.00	23.26 1.48 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.43 -0.02 0.00	26.71 0.05 0.00	22.38 0.14 0.00	22.72 0.18 0.00	24.26 0.20 0.00	26.02 0.09 0.00	28.68 0.01 0.00	32.60 0.05 0.00	33.70 0.10 0.00	30.36 0.03 0.00	29.92 0.06 0.00	34.58 -0.05 0.00	37.63 -0.25 0.00	36.99 -0.28 0.00	37.39 -0.19 0.00	24.97 0.05 0.00	29.47 0.24 0.00	31.01 0.29 0.00	27.77 0.27 0.00	28.65 0.16 0.00	34.41 0.25 0.00	25.64 0.17 0.00	23.17 0.16 0.00	21.98 0.19 0.00

WDELAWARE___HYD 323627	28.96 0.52 0.00	27.30 0.63 0.00	22.86 0.63 0.00	23.17 0.62 0.00	24.75 0.68 0.00	26.54 0.61 0.00	29.28 0.60 0.00	33.47 0.93 0.00	34.88 1.29 0.00	31.46 1.13 0.00	30.89 1.03 0.00	35.67 1.04 0.00	39.08 1.21 0.00	38.41 1.15 0.00	39.07 1.49 0.00	26.17 1.24 -0.01	42.72 1.56 -11.93	32.23 1.51 0.00	28.76 1.26 0.00	29.66 1.17 0.00	35.57 1.42 0.00	26.42 0.94 0.00	23.87 0.86 0.00	22.56 0.77 0.00
WEST BABYLON___IC 23714	29.86 1.42 0.00	28.10 1.43 0.00	23.56 1.33 0.00	23.81 1.26 0.00	25.39 1.33 0.00	27.23 1.30 0.00	30.08 1.40 0.00	34.25 1.70 0.00	35.66 2.07 0.00	32.06 1.73 0.00	31.99 2.14 0.00	36.61 1.98 0.00	40.29 2.42 0.00	39.75 2.49 0.00	40.40 2.82 0.00	27.49 2.56 -0.01	54.73 2.80 -22.69	33.27 2.55 0.00	29.55 2.05 0.00	30.45 1.95 0.00	36.45 2.30 0.00	27.04 1.56 0.00	24.63 1.62 0.00	23.24 1.45 0.00
WEST CANADA___HYD 24049	28.44 0.00 0.00	26.71 0.05 0.00	22.32 0.09 0.00	22.65 0.11 0.00	24.16 0.10 0.00	25.95 0.03 0.00	28.65 -0.02 0.00	32.55 0.00 0.00	33.63 0.03 0.00	30.35 0.03 0.00	29.88 0.02 0.00	34.61 -0.02 0.00	37.84 -0.04 0.00	37.23 -0.04 0.00	37.60 0.02 0.00	24.99 0.07 0.00	29.32 0.09 0.00	30.80 0.08 0.00	27.58 0.08 0.00	28.55 0.06 0.00	34.26 0.11 0.00	25.55 0.08 0.00	23.10 0.09 0.00	21.87 0.09 0.00
WESTERN_NY_WIND 24143	28.28 -0.17 0.00	26.50 -0.16 0.00	21.95 -0.28 0.00	22.24 -0.31 0.00	23.75 -0.32 0.00	25.81 -0.11 0.00	28.65 -0.02 0.00	32.26 -0.28 0.00	32.59 -0.28 0.72	29.17 -0.40 0.75	29.32 -0.53 0.00	33.71 -0.91 0.00	37.28 -0.59 0.00	36.41 -0.11 0.75	35.56 -1.07 0.95	22.33 -1.52 1.08	27.75 -1.49 0.00	29.54 -1.18 0.00	26.60 -0.91 0.00	28.34 -0.15 0.00	33.64 -0.51 0.00	25.33 -0.15 0.00	22.91 -0.11 0.00	21.67 -0.12 0.00
WESTOVER___LESR 323668	28.40 -0.04 0.00	26.69 0.03 0.00	22.38 0.14 0.00	22.67 0.13 0.00	24.23 0.16 0.00	26.02 0.09 0.00	28.77 0.10 0.00	32.59 0.05 0.00	33.96 0.17 -0.19	30.60 0.07 -0.20	29.92 0.06 0.00	33.79 -0.84 0.00	37.09 -0.78 0.00	37.07 -0.39 -0.19	36.69 -0.90 -0.01	24.56 -0.84 -0.47	28.71 -0.53 0.00	30.12 -0.60 0.00	26.84 -0.66 0.00	28.14 -0.35 0.00	33.47 -0.68 0.00	25.13 -0.35 0.00	22.76 -0.25 0.00	21.66 -0.12 0.00
WETHRSFD_WT_PWR 323626	27.48 -0.96 0.00	25.85 -0.82 0.00	21.47 -0.76 0.00	21.68 -0.86 0.00	23.23 -0.83 0.00	25.25 -0.67 0.00	27.90 -0.78 0.00	31.33 -1.22 0.00	25.08 -1.46 7.05	21.43 -1.56 7.34	28.45 -1.40 0.00	32.30 -2.33 0.00	35.62 -2.26 0.00	28.32 -2.04 6.91	26.28 -2.59 8.71	11.80 -2.15 10.97	27.04 -2.19 0.00	28.80 -1.92 0.00	25.69 -1.81 0.00	27.18 -1.31 0.00	32.09 -2.06 0.00	24.18 -1.29 0.00	21.79 -1.23 0.00	20.64 -1.14 0.00
WHAVSTOR_138KV_BK127 55557	29.62 1.17 0.00	27.95 1.29 0.00	23.40 1.17 0.00	23.72 1.17 0.00	25.33 1.27 0.00	27.17 1.24 0.00	29.93 1.25 0.00	34.05 1.51 0.00	35.45 1.86 0.00	31.95 1.63 0.00	31.49 1.64 0.00	36.34 1.72 0.00	39.87 2.00 0.00	39.32 2.05 0.00	40.01 2.43 0.00	26.84 1.90 -0.01	52.97 2.33 -21.40	32.98 2.26 0.00	29.39 1.89 0.00	30.27 1.78 0.00	36.27 2.12 0.00	26.95 1.47 0.00	24.39 1.38 0.00	23.09 1.31 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.62 1.17 0.00	27.95 1.29 0.00	23.40 1.17 0.00	23.72 1.17 0.00	25.33 1.27 0.00	27.17 1.24 0.00	29.93 1.25 0.00	34.05 1.51 0.00	35.45 1.86 0.00	31.95 1.63 0.00	31.49 1.64 0.00	36.34 1.72 0.00	39.87 2.00 0.00	39.32 2.05 0.00	40.01 2.43 0.00	26.84 1.90 -0.01	52.97 2.33 -21.40	32.98 2.26 0.00	29.39 1.89 0.00	30.27 1.78 0.00	36.27 2.12 0.00	26.95 1.47 0.00	24.39 1.38 0.00	23.09 1.31 0.00
WHITEHAL_115KV_TB1 80871	30.99 2.54 0.00	29.32 2.66 0.00	24.33 2.10 0.00	24.63 2.08 0.00	26.51 2.45 0.00	28.66 2.73 0.00	31.08 2.41 0.00	35.23 2.69 0.00	36.75 3.15 0.00	32.59 2.27 0.00	32.00 2.15 0.00	36.72 2.10 0.00	39.95 2.08 0.00	39.26 2.00 0.00	40.49 2.91 0.00	27.33 2.41 2.55	29.55 2.86 0.00	34.20 3.48 0.00	30.87 3.36 0.00	31.57 3.07 0.00	37.64 3.49 0.00	28.05 2.58 0.00	25.27 2.26 0.00	23.97 2.18 0.00
WHITEPLN_13_KV_LOAD 356215	29.96 1.52 0.00	28.27 1.61 0.00	23.67 1.44 0.00	23.98 1.44 0.00	25.61 1.55 0.00	27.48 1.55 0.00	30.30 1.62 0.00	34.52 1.97 0.00	35.96 2.36 0.00	32.43 2.10 0.00	31.95 2.10 0.00	36.87 2.24 0.00	40.45 2.58 0.00	39.88 2.61 0.00	40.55 2.96 0.00	27.22 2.29 -0.01	55.23 2.77 -23.23	33.43 2.71 0.00	29.76 2.25 0.00	30.63 2.14 0.00	36.70 2.55 0.00	27.26 1.79 0.00	24.66 1.65 0.00	23.33 1.55 0.00
WM_FLOYD_69_KV_BK2 356380	29.53 1.09 0.00	27.60 0.93 0.00	23.15 0.91 0.00	23.36 0.82 0.00	24.94 0.88 0.00	26.74 0.81 0.00	29.57 0.90 0.00	33.73 1.19 0.00	35.12 1.52 0.00	31.58 1.26 0.00	31.53 1.67 0.00	36.03 1.41 0.00	39.69 1.82 0.00	38.97 1.89 0.19	39.13 2.26 0.70	27.19 2.25 -0.01	54.38 2.46 -22.69	32.89 2.17 0.00	29.22 1.71 0.00	30.10 1.61 0.00	36.00 1.85 0.00	26.63 1.15 0.00	24.30 1.29 0.00	22.91 1.13 0.00
WOODARD___115KV_TB2 355635	28.20 -0.24 0.00	26.48 -0.18 0.00	22.12 -0.12 0.00	22.42 -0.12 0.00	23.94 -0.13 0.00	25.72 -0.21 0.00	28.38 -0.29 0.00	32.22 -0.33 0.00	33.34 -0.26 0.00	30.07 -0.25 0.00	29.57 -0.28 0.00	33.96 -0.67 0.00	37.17 -0.70 0.00	36.74 -0.53 0.00	36.88 -0.70 0.00	24.40 -0.52 0.00	28.82 -0.41 0.00	30.33 -0.39 0.00	27.12 -0.38 0.00	28.21 -0.28 0.00	33.67 -0.49 0.00	25.15 -0.32 0.00	22.74 -0.27 0.00	21.57 -0.21 0.00
WOODMERE_69_KV_BK1 55827	29.93 1.49 0.00	28.22 1.56 0.00	23.64 1.40 0.00	23.92 1.37 0.00	25.53 1.47 0.00	27.39 1.46 0.00	30.17 1.50 0.00	34.32 1.78 0.00	35.76 2.16 0.00	32.17 1.85 0.00	31.98 2.12 0.00	36.70 2.07 0.00	40.39 2.52 0.00	42.68 2.61 -2.80	51.07 2.92 -10.57	27.40 2.46 -0.02	54.68 2.76 -22.69	33.30 2.59 0.00	29.61 2.11 0.00	30.50 2.01 0.00	36.54 2.39 0.00	27.15 1.67 0.00	24.68 1.67 0.00	23.31 1.53 0.00
YORK___WARBASSE 23770	29.91 1.46 0.00	28.16 1.50 0.00	23.55 1.31 0.00	23.82 1.28 0.00	25.45 1.39 0.00	27.32 1.39 0.00	30.21 1.53 -0.01	34.42 1.87 0.00	35.86 2.26 0.00	32.36 2.03 0.00	31.90 2.05 0.00	36.82 2.20 0.00	40.40 2.52 -0.01	39.83 2.56 -0.01	40.54 2.95 -0.01	27.22 2.27 -0.02	54.73 2.76 -22.74	33.38 2.66 0.00	29.72 2.21 0.00	30.57 2.08 0.00	36.68 2.54 0.00	27.25 1.77 0.00	24.66 1.65 0.00	23.33 1.55 0.00