

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/27/2025

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	15.27	15.40	15.58	12.48	14.72	22.76	23.90	23.29	17.52	20.69	26.53	29.20	30.46	29.20	29.59	32.93	37.46	40.25	40.55	44.52	54.05	47.65	30.24	27.01
24138	0.90	0.96	0.91	0.78	0.81	1.00	0.92	1.06	1.01	1.32	1.69	1.99	2.14	2.13	2.19	2.45	2.59	2.56	2.39	2.27	2.66	2.02	1.41	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	15.28	15.41	15.59	12.48	14.73	22.77	23.93	23.31	17.49	20.63	26.47	29.13	30.39	29.13	29.52	32.85	37.36	40.17	40.49	44.48	54.03	47.65	30.24	27.00
24260	0.91	0.97	0.92	0.79	0.82	1.02	0.95	1.07	0.98	1.26	1.63	1.93	2.08	2.06	2.12	2.37	2.48	2.48	2.32	2.22	2.64	2.02	1.41	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	15.28	15.41	15.59	12.48	14.73	22.77	23.93	23.31	17.49	20.63	26.47	29.13	30.39	29.13	29.52	32.85	37.36	40.17	40.49	44.48	54.03	47.65	30.24	27.00
24261	0.91	0.97	0.92	0.79	0.82	1.02	0.95	1.07	0.98	1.26	1.63	1.93	2.08	2.06	2.12	2.37	2.48	2.48	2.32	2.22	2.64	2.02	1.41	1.39
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	14.94	15.07	15.30	12.22	14.53	22.62	23.99	22.86	16.81	19.72	25.06	27.38	28.41	27.03	27.24	30.28	34.89	38.07	38.82	43.07	52.48	46.47	29.40	26.50
24011	0.57	0.63	0.63	0.52	0.62	0.87	1.01	0.61	0.30	0.36	0.22	0.17	0.09	-0.04	-0.17	-0.20	0.01	0.38	0.66	0.82	1.10	0.84	0.57	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	15.00	15.16	15.39	12.28	14.61	22.77	24.15	22.91	16.83	19.80	25.14	27.43	28.49	27.10	27.29	30.31	35.02	38.27	39.06	43.36	52.87	46.84	29.57	26.62
23798	0.64	0.71	0.72	0.59	0.70	1.01	1.16	0.67	0.32	0.43	0.30	0.22	0.17	0.03	-0.11	-0.16	0.14	0.58	0.90	1.10	1.49	1.21	0.74	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	14.94	15.07	15.30	12.22	14.53	22.62	23.99	22.86	16.81	19.72</														

ALBANY___2 23572	14.46 0.09 0.00	14.55 0.12 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.32 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.43 0.00	26.69 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.52 0.00	37.21 -0.48 0.00	37.74 -0.42 0.00	41.76 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
ALBANY___3 23573	14.46 0.09 0.00	14.55 0.12 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.32 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.43 0.00	26.69 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.52 0.00	37.21 -0.48 0.00	37.74 -0.42 0.00	41.76 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
ALBANY___4 23574	14.46 0.09 0.00	14.55 0.12 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.32 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.43 0.00	26.69 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.52 0.00	37.21 -0.48 0.00	37.74 -0.42 0.00	41.76 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
ALBANY___LFGE 323615	14.58 0.21 0.00	14.68 0.24 0.00	14.92 0.25 0.00	11.91 0.21 0.00	14.15 0.25 0.00	21.94 0.19 0.00	23.08 0.10 0.00	22.17 -0.07 0.00	16.42 -0.09 0.00	19.20 -0.17 0.00	24.67 -0.17 0.00	27.04 -0.17 0.00	28.12 -0.20 0.00	26.92 -0.16 0.00	27.23 -0.17 0.00	30.37 -0.11 0.00	34.72 -0.16 0.00	37.62 -0.07 0.00	38.15 -0.01 0.00	42.23 -0.03 0.00	51.30 -0.09 0.00	45.41 -0.22 0.00	28.89 0.06 0.00	25.87 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	14.10 -0.26 0.00	14.12 -0.32 0.00	14.33 -0.34 0.00	8.77 -0.31 2.62	13.61 -0.30 0.00	21.53 -0.22 0.00	22.98 0.00 0.00	22.30 0.06 0.00	16.59 0.08 0.00	19.49 0.12 0.00	24.98 0.14 0.00	27.34 0.13 0.00	28.44 0.12 0.00	27.10 0.04 0.00	27.42 0.02 0.00	30.44 -0.04 0.00	34.88 0.01 0.00	37.68 0.00 0.00	37.95 -0.21 0.00	42.24 -0.01 0.00	51.52 0.14 0.00	46.21 0.58 0.00	28.84 0.01 0.00	25.37 -0.24 0.00
ALCOA_RYNLDS___DRP 24188	14.10 -0.26 0.00	14.12 -0.32 0.00	14.33 -0.34 0.00	8.77 -0.31 2.62	13.61 -0.30 0.00	21.53 -0.22 0.00	22.98 0.00 0.00	22.30 0.06 0.00	16.59 0.08 0.00	19.49 0.12 0.00	24.98 0.14 0.00	27.34 0.13 0.00	28.44 0.12 0.00	27.10 0.04 0.00	27.42 0.02 0.00	30.44 -0.04 0.00	34.88 0.01 0.00	37.68 0.00 0.00	37.95 -0.21 0.00	42.24 -0.01 0.00	51.52 0.14 0.00	46.21 0.58 0.00	28.84 0.01 0.00	25.37 -0.24 0.00
ALCOA___DSASP 323711	14.10 -0.26 0.00	14.12 -0.32 0.00	14.33 -0.34 0.00	8.77 -0.31 2.62	13.61 -0.30 0.00	21.53 -0.22 0.00	22.98 0.00 0.00	22.30 0.06 0.00	16.59 0.08 0.00	19.49 0.13 0.00	24.98 0.14 0.00	27.34 0.13 0.00	28.44 0.12 0.00	27.10 0.04 0.00	27.42 0.02 0.00	30.44 -0.04 0.00	34.88 0.01 0.00	37.68 0.00 0.00	37.95 -0.21 0.00	42.24 -0.01 0.00	51.52 0.14 0.00	46.21 0.59 0.00	28.84 0.01 0.00	25.37 -0.24 0.00
ALLEGHENY___COGEN 23514	14.53 0.17 0.00	14.67 0.23 0.00	14.71 0.04 0.00	11.83 0.13 0.00	14.16 0.26 0.00	22.06 0.30 0.00	23.26 0.28 0.00	22.49 0.25 0.00	16.26 -0.25 0.00	19.10 -0.27 0.00	24.51 -0.33 0.00	26.72 -0.49 0.00	27.77 -0.54 0.00	26.45 -0.62 0.00	26.81 -0.59 0.00	29.70 -0.78 0.00	34.20 -0.68 0.00	36.88 -0.81 0.00	37.64 -0.52 0.00	42.13 -0.13 0.00	51.40 0.02 0.00	46.02 0.39 0.00	28.95 0.12 0.00	25.77 0.15 0.00
ALTAMONT_115KV_TB 2 55880	14.61 0.25 0.00	14.71 0.27 0.00	14.95 0.28 0.00	11.94 0.24 0.00	14.18 0.28 0.00	22.01 0.25 0.00	23.16 0.18 0.00	22.30 0.06 0.00	16.52 0.01 0.00	19.34 -0.03 0.00	24.83 -0.01 0.00	27.22 0.01 0.00	28.32 0.00 0.00	27.09 0.02 0.00	27.41 0.01 0.00	30.52 0.05 0.00	34.90 0.03 0.00	37.78 0.10 0.00	38.31 0.14 0.00	42.40 0.14 0.00	51.54 0.15 0.00	45.67 0.04 0.00	29.01 0.18 0.00	25.94 0.33 0.00
ALTONA_WT_PWR 323606	14.09 -0.27 0.00	14.09 -0.35 0.00	14.30 -0.37 0.00	8.63 -0.35 2.72	13.53 -0.37 0.00	21.46 -0.30 0.00	22.89 -0.09 0.00	22.38 0.14 0.00	16.68 0.17 0.00	19.65 0.28 0.00	25.21 0.37 0.00	27.54 0.33 0.00	28.69 0.38 0.00	27.39 0.31 0.00	27.69 0.29 0.00	30.64 0.16 0.00	35.13 0.25 0.00	38.07 0.38 0.00	38.56 0.40 0.00	42.94 0.69 0.00	52.36 0.97 0.00	46.61 0.98 0.00	29.23 0.40 0.00	25.76 0.15 0.00
AMERICAN_REF_FUEL 24010	13.55 -0.79 0.03	13.73 -0.72 0.00	13.64 -1.03 0.00	10.99 -0.71 0.00	13.22 -0.67 0.02	20.20 -1.35 0.21	21.14 -1.58 0.27	20.21 -1.20 0.83	15.62 -0.89 0.00	18.41 -0.96 0.00	23.66 -1.17 0.00	25.72 -1.49 0.00	26.67 -1.64 0.00	25.41 -1.66 0.00	25.71 -1.69 0.00	28.30 -2.18 0.00	32.40 -2.48 0.00	34.50 -3.19 0.00	34.84 -3.33 0.00	38.63 -3.63 0.00	46.87 -4.52 0.00	42.05 -3.58 0.00	26.72 -2.11 0.00	23.99 -1.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	14.07 -0.26 0.03	14.25 -0.19 0.00	14.17 -0.50 0.00	11.40 -0.29 0.00	13.62 -0.26 0.02	20.91 -0.57 0.28	22.07 -0.56 0.35	21.03 -0.11 1.09	16.39 -0.12 0.00	19.44 0.08 0.00	24.98 0.15 0.00	27.12 -0.09 0.00	28.06 -0.26 0.00	26.67 -0.40 0.00	26.96 -0.44 0.00	29.69 -0.79 0.00	34.16 -0.72 0.00	36.59 -1.10 0.00	36.88 -1.29 0.00	40.72 -1.54 0.00	49.49 -1.90 0.00	44.09 -1.53 0.00	27.93 -0.90 0.00	25.01 -0.60 0.00
ARTHUR KILL_GT_1 23520	15.30 0.93 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.52 0.82 0.00	14.75 0.84 0.00	22.81 1.06 0.00	23.94 0.95 0.00	23.29 1.05 0.00	17.45 0.94 0.00	20.52 1.15 0.00	26.32 1.48 0.00	28.97 1.76 0.00	30.23 1.92 0.00	29.02 1.95 0.00	29.39 1.99 0.00	32.72 2.24 0.00	37.21 2.33 0.00	40.04 2.35 0.00	40.37 2.20 0.00	44.37 2.11 0.00	53.85 2.46 0.00	47.51 1.88 0.00	30.20 1.37 0.00	26.99 1.38 0.00
ARTHUR_KILL_2 23512	15.27 0.90 -0.01	15.39 0.95 0.00	15.58 0.91 0.00	12.50 0.79 0.00	14.72 0.81 0.00	22.76 1.01 0.00	23.87 0.89 0.00	23.24 1.00 0.00	17.41 0.89 -0.01	20.48 1.11 0.00	26.26 1.42 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.95 1.88 0.00	29.32 1.92 0.00	32.64 2.17 0.00	37.13 2.25 0.00	39.93 2.24 0.00	40.25 2.09 0.00	44.24 1.99 0.00	53.68 2.30 0.00	47.35 1.73 0.00	30.12 1.29 0.00	26.93 1.32 0.00
ARTHUR_KILL_3 23513	15.12 0.76 0.00	15.25 0.81 0.00	15.44 0.77 0.00	12.37 0.67 0.00	14.57 0.67 0.00	22.53 0.77 0.00	23.64 0.65 0.00	23.02 0.78 0.00	17.29 0.78 0.00	20.40 1.03 0.00	26.16 1.32 0.00	28.80 1.59 0.00	30.03 1.72 0.00	28.80 1.73 0.00	29.18 1.78 0.00	32.46 1.98 0.00	36.92 2.04 0.00	39.69 2.01 0.00	40.00 1.84 0.00	43.38 1.67 0.54	41.18 1.93 12.14	40.60 1.41 6.44	29.91 1.08 0.00	26.72 1.11 0.00

ARTHUR_KILL_COGEN 323718	15.30 0.93 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.52 0.82 0.00	14.75 0.84 0.00	22.81 1.06 0.00	23.94 0.96 0.00	23.29 1.05 0.00	17.45 0.94 -0.01	20.52 1.15 0.00	26.32 1.48 0.00	28.98 1.76 0.00	30.24 1.92 0.00	29.01 1.94 0.00	29.39 1.99 0.00	32.72 2.24 0.00	37.21 2.33 0.00	40.04 2.35 0.00	40.36 2.20 0.00	44.37 2.11 0.00	53.85 2.46 0.00	47.51 1.88 0.00	30.20 1.37 0.00	27.00 1.38 0.00
ASHOKAN____ 23654	15.23 0.86 0.00	15.34 0.90 0.00	15.53 0.86 0.00	12.43 0.73 0.00	14.71 0.81 0.00	22.80 1.05 0.00	23.87 0.89 0.00	23.10 0.86 0.00	17.14 0.63 0.00	20.05 0.68 0.00	25.65 0.81 0.00	28.17 0.96 0.00	29.26 0.94 0.00	28.08 1.02 0.00	28.47 1.07 0.00	31.78 1.30 0.00	36.35 1.48 0.00	39.39 1.71 0.00	39.98 1.82 0.00	44.20 1.95 0.00	53.82 2.43 0.00	47.54 1.92 0.00	30.12 1.29 0.00	26.86 1.25 0.00
ASTORIA_EAST_ENERGY_CC1 323581	15.12 0.76 0.01	15.24 0.81 0.00	15.42 0.76 0.01	12.35 0.66 0.01	-2.44 0.67 17.02	-18.65 0.79 41.19	23.64 0.66 0.00	23.04 0.80 0.00	17.35 0.83 -0.01	20.45 1.08 0.00	26.24 1.40 0.00	28.88 1.67 0.00	30.14 1.82 0.00	28.88 1.80 0.00	29.26 1.86 0.00	32.59 2.11 0.00	37.01 2.14 0.00	39.80 2.11 0.00	40.13 1.97 0.00	44.10 1.84 0.00	53.57 2.18 0.00	47.45 1.82 0.00	30.06 1.23 0.00	26.84 1.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	15.12 0.76 0.01	15.24 0.81 0.00	15.42 0.76 0.01	12.35 0.66 0.01	-2.44 0.67 17.02	-18.65 0.79 41.19	23.64 0.66 0.00	23.04 0.80 0.00	17.35 0.83 -0.01	20.45 1.08 0.00	26.24 1.40 0.00	28.88 1.67 0.00	30.14 1.82 0.00	28.88 1.80 0.00	29.26 1.86 0.00	32.59 2.11 0.00	37.01 2.14 0.00	39.80 2.11 0.00	40.13 1.97 0.00	44.10 1.84 0.00	53.57 2.18 0.00	47.45 1.82 0.00	30.06 1.23 0.00	26.84 1.22 0.00
ASTORIA_GT2_1 24094	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT2_2 24095	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT2_3 24096	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT2_4 24097	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT3_1 24098	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT3_2 24099	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT3_3 24100	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT3_4 24101	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT4_1 24102	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT4_2 24103	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT4_3 24104	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00

ASTORIA_GT4_4 24105	15.12 0.77 0.02	15.25 0.82 0.01	15.43 0.76 0.01	12.35 0.67 0.01	-2.44 0.67 17.02	-18.64 0.80 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.34 0.84 0.00	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.90 1.83 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.15 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA_GT_1 23523	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.78 0.01	12.37 0.68 0.01	-2.42 0.69 17.02	-18.62 0.82 41.19	23.68 0.70 0.00	23.09 0.85 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.30 1.46 0.00	28.94 1.73 0.00	30.20 1.89 0.00	28.94 1.87 0.00	29.32 1.92 0.00	32.66 2.18 0.00	37.10 2.22 0.00	39.88 2.20 0.00	40.22 2.06 0.00	44.19 1.94 0.00	53.68 2.29 0.00	47.54 1.91 0.00	30.12 1.29 0.00	26.89 1.27 0.00
ASTORIA_GT_10 24110	15.25 0.88 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.77 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 0.00	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	29.00 1.93 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.97 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.73 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
ASTORIA_GT_11 24225	15.25 0.88 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.77 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 0.00	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	29.00 1.93 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.97 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.73 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
ASTORIA_GT_12 24226	15.25 0.88 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.77 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 0.00	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	29.00 1.93 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.97 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.73 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
ASTORIA_GT_13 24227	15.25 0.88 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.77 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 0.00	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	29.00 1.93 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.97 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.73 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
ASTORIA_GT_5 24106	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.78 0.01	12.37 0.68 0.01	-2.42 0.69 17.02	-18.62 0.82 41.19	23.68 0.70 0.00	23.09 0.85 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.30 1.46 0.00	28.94 1.73 0.00	30.20 1.89 0.00	28.94 1.87 0.00	29.32 1.92 0.00	32.66 2.18 0.00	37.10 2.22 0.00	39.88 2.20 0.00	40.22 2.06 0.00	44.19 1.94 0.00	53.68 2.29 0.00	47.54 1.91 0.00	30.12 1.29 0.00	26.89 1.27 0.00
ASTORIA_GT_7 24107	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.78 0.01	12.37 0.68 0.01	-2.42 0.69 17.02	-18.62 0.82 41.19	23.68 0.70 0.00	23.09 0.85 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.30 1.46 0.00	28.94 1.73 0.00	30.20 1.89 0.00	28.94 1.87 0.00	29.32 1.92 0.00	32.66 2.18 0.00	37.10 2.22 0.00	39.88 2.20 0.00	40.22 2.06 0.00	44.19 1.94 0.00	53.68 2.29 0.00	47.54 1.91 0.00	30.12 1.29 0.00	26.89 1.27 0.00
ASTORIA_GT_8 24108	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.78 0.01	12.37 0.68 0.01	-2.42 0.69 17.02	-18.62 0.82 41.19	23.68 0.70 0.00	23.09 0.85 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.30 1.46 0.00	28.94 1.73 0.00	30.20 1.89 0.00	28.94 1.87 0.00	29.32 1.92 0.00	32.66 2.18 0.00	37.10 2.22 0.00	39.88 2.20 0.00	40.22 2.06 0.00	44.19 1.94 0.00	53.68 2.29 0.00	47.54 1.91 0.00	30.12 1.29 0.00	26.89 1.27 0.00
ASTORIA___2 24149	15.13 0.77 0.01	15.25 0.81 0.00	15.43 0.76 0.01	12.36 0.67 0.01	-2.44 0.67 17.02	-18.64 0.79 41.19	23.65 0.67 0.00	23.05 0.81 0.00	17.35 0.83 -0.01	20.46 1.09 0.00	26.26 1.42 0.00	28.89 1.68 0.00	30.15 1.84 0.00	28.89 1.82 0.00	29.27 1.87 0.00	32.60 2.12 0.00	37.03 2.16 0.00	39.82 2.13 0.00	40.15 1.99 0.00	44.12 1.86 0.00	53.59 2.21 0.00	47.46 1.83 0.00	30.07 1.24 0.00	26.85 1.24 0.00
ASTORIA___3 23516	15.26 0.88 -0.01	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.76 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 -0.01	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	28.99 1.92 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.96 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.74 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
ASTORIA___4 23517	15.25 0.88 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.77 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 0.00	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	29.00 1.93 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.97 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.73 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
ASTORIA___5 23518	15.26 0.88 -0.01	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.76 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 -0.01	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	28.99 1.92 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.96 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.74 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
AST_ENERGY_2_CC3 323677	15.14 0.78 0.00	15.28 0.84 0.00	15.47 0.80 0.00	12.38 0.68 0.00	14.60 0.70 0.00	22.56 0.81 0.00	23.68 0.70 0.00	23.07 0.83 0.00	17.33 0.82 0.00	20.45 1.08 0.00	26.23 1.39 0.00	28.87 1.66 0.00	30.11 1.80 0.00	28.87 1.80 0.00	29.26 1.86 0.00	32.55 2.07 0.00	37.02 2.15 0.00	39.80 2.11 0.00	40.12 1.96 0.00	44.10 1.84 0.00	53.53 2.15 0.00	47.23 1.61 0.00	29.99 1.16 0.00	26.80 1.19 0.00
AST_ENERGY_2_CC4 323678	15.14 0.78 0.00	15.28 0.84 0.00	15.47 0.80 0.00	12.38 0.68 0.00	14.60 0.70 0.00	22.56 0.81 0.00	23.68 0.70 0.00	23.07 0.83 0.00	17.33 0.82 0.00	20.45 1.08 0.00	26.23 1.39 0.00	28.87 1.66 0.00	30.11 1.80 0.00	28.87 1.80 0.00	29.26 1.86 0.00	32.55 2.07 0.00	37.02 2.15 0.00	39.80 2.11 0.00	40.12 1.96 0.00	44.10 1.84 0.00	53.53 2.15 0.00	47.23 1.61 0.00	29.99 1.16 0.00	26.80 1.19 0.00

ATHENS_STG_1 23668	14.72 0.36 0.00	14.83 0.40 0.00	15.07 0.40 0.00	12.05 0.34 0.00	14.27 0.36 0.00	22.11 0.36 0.00	23.24 0.25 0.00	22.47 0.23 0.00	16.72 0.21 0.00	19.62 0.25 0.00	25.18 0.34 0.00	27.63 0.42 0.00	28.77 0.45 0.00	27.55 0.48 0.00	27.87 0.47 0.00	31.03 0.56 0.00	35.43 0.55 0.00	38.24 0.56 0.00	38.69 0.52 0.00	42.70 0.44 0.00	51.89 0.51 0.00	45.95 0.33 0.00	29.20 0.38 0.00	26.10 0.49 0.00
ATHENS_STG_2 23670	14.72 0.36 0.00	14.83 0.40 0.00	15.07 0.40 0.00	12.05 0.34 0.00	14.27 0.36 0.00	22.11 0.36 0.00	23.24 0.25 0.00	22.47 0.23 0.00	16.72 0.21 0.00	19.62 0.25 0.00	25.18 0.34 0.00	27.63 0.42 0.00	28.77 0.45 0.00	27.55 0.48 0.00	27.87 0.47 0.00	31.03 0.56 0.00	35.43 0.55 0.00	38.24 0.56 0.00	38.69 0.52 0.00	42.70 0.44 0.00	51.89 0.51 0.00	45.95 0.33 0.00	29.20 0.38 0.00	26.10 0.49 0.00
ATHENS_STG_3 23677	14.72 0.36 0.00	14.83 0.40 0.00	15.07 0.40 0.00	12.05 0.34 0.00	14.27 0.36 0.00	22.11 0.36 0.00	23.24 0.25 0.00	22.47 0.23 0.00	16.72 0.21 0.00	19.62 0.25 0.00	25.18 0.34 0.00	27.63 0.42 0.00	28.77 0.45 0.00	27.55 0.48 0.00	27.87 0.47 0.00	31.03 0.56 0.00	35.43 0.55 0.00	38.24 0.56 0.00	38.69 0.52 0.00	42.70 0.44 0.00	51.89 0.51 0.00	45.95 0.33 0.00	29.20 0.38 0.00	26.10 0.49 0.00
AUBURN___LFGE 323710	14.23 -0.13 0.00	14.30 -0.14 0.00	14.49 -0.18 0.00	11.61 -0.08 0.00	13.83 -0.08 0.00	21.49 -0.26 0.00	22.71 -0.27 0.00	21.98 -0.26 0.00	16.18 -0.33 0.00	18.92 -0.45 0.00	24.22 -0.62 0.00	26.47 -0.73 0.00	27.56 -0.76 0.00	26.34 -0.73 0.00	26.70 -0.70 0.00	29.73 -0.75 0.00	34.17 -0.71 0.00	37.11 -0.58 0.00	37.65 -0.52 0.00	41.58 -0.68 0.00	50.55 -0.83 0.00	44.90 -0.73 0.00	28.46 -0.37 0.00	25.24 -0.37 0.00
BABYLON_RES_REC 323704	16.89 1.15 -1.37	15.53 1.10 0.00	15.67 1.00 0.00	12.55 0.85 0.00	14.81 0.90 0.00	22.96 1.21 0.00	24.07 1.09 0.00	23.32 1.08 0.00	17.50 0.98 0.00	20.58 1.21 0.00	26.47 1.63 0.00	29.21 2.00 0.00	35.95 2.23 -5.40	29.25 2.18 0.00	33.50 2.20 -3.90	39.43 2.43 -6.52	36.99 2.11 0.00	39.55 1.87 0.00	40.05 1.88 0.00	43.86 1.60 0.00	53.75 2.36 0.00	47.36 1.73 0.00	30.44 1.61 0.00	27.32 1.71 0.00
BALL_HILL_WT_PWR 323825	13.99 -0.34 0.03	14.19 -0.25 0.00	14.15 -0.52 0.00	11.39 -0.31 0.00	13.62 -0.26 0.02	20.85 -0.64 0.27	21.87 -0.78 0.34	20.82 -0.38 1.04	16.18 -0.33 0.00	19.16 -0.21 0.00	24.60 -0.24 0.00	26.73 -0.48 0.00	27.71 -0.60 0.00	26.36 -0.71 0.00	26.67 -0.73 0.00	29.37 -1.11 0.00	33.72 -1.15 0.00	36.04 -1.65 0.00	36.38 -1.78 0.00	40.28 -1.97 0.00	48.91 -2.47 0.00	43.70 -1.93 0.00	27.67 -1.16 0.00	24.82 -0.79 0.00
BARON_WINDS___WT_PWR 323822	14.21 -0.18 -0.03	14.36 -0.08 0.00	14.40 -0.27 0.00	11.59 -0.10 0.00	13.85 -0.07 -0.02	21.64 -0.31 -0.20	22.77 -0.46 -0.25	22.72 -0.32 -0.80	16.06 -0.45 0.00	18.86 -0.51 0.00	24.22 -0.62 0.00	26.43 -0.78 0.00	27.44 -0.88 0.00	26.12 -0.95 0.00	26.44 -0.96 0.00	29.24 -1.25 0.00	33.58 -1.29 0.00	36.24 -1.45 0.00	36.81 -1.35 0.00	40.85 -1.41 0.00	49.54 -1.84 0.00	44.08 -1.54 0.00	27.84 -0.99 0.00	24.88 -0.73 0.00
BARRETT_IC_1 23704	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_10 23701	54.08 0.97 -38.75	25.04 0.95 -9.65	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_11 23702	54.08 0.97 -38.75	25.04 0.95 -9.65	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_12 23703	54.08 0.97 -38.75	25.04 0.95 -9.65	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_2 23705	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_3 23706	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_4 23707	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_5 23708	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00

BARRETT_IC_6 23709	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_7 23710	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.52 -0.01	29.08 1.85 -0.02	47.13 2.02 -16.80	28.97 1.89 0.00	32.89 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.69 2.00 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.60 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.35 0.00
BARRETT_IC_8 23711	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT_IC_9 23700	54.08 0.97 -38.75	25.04 0.95 -9.65	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT___1 23545	151.57 0.97 -136.24	50.42 0.95 -35.03	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BARRETT___2 23546	54.08 0.97 -38.75	25.04 0.95 -9.65	15.54 0.87 0.00	12.46 0.75 -0.01	14.69 0.79 -0.01	22.77 1.01 0.00	23.82 0.84 0.00	23.08 0.84 0.00	17.33 0.82 0.00	20.40 1.03 0.00	26.36 1.51 -0.01	29.07 1.85 -0.02	47.13 2.01 -16.80	28.96 1.89 0.00	32.90 1.96 -3.54	38.57 2.17 -5.92	37.01 2.13 0.00	39.68 1.99 0.00	40.00 1.83 0.00	43.87 1.61 0.00	53.59 2.21 0.00	47.19 1.56 0.00	30.06 1.22 0.00	26.96 1.34 0.00
BATAVIA__115KV_TB1 55881	14.10 -0.27 0.00	14.23 -0.21 0.00	14.20 -0.47 0.00	11.43 -0.27 0.00	13.74 -0.17 0.00	21.30 -0.45 0.00	22.42 -0.57 0.00	21.97 -0.27 0.00	16.24 -0.27 0.00	18.98 -0.39 0.00	24.35 -0.49 0.00	26.50 -0.70 0.00	27.50 -0.82 0.00	26.25 -0.82 0.00	26.55 -0.85 0.00	29.35 -1.13 0.00	33.79 -1.08 0.00	36.28 -1.41 0.00	36.75 -1.41 0.00	40.81 -1.44 0.00	49.60 -1.79 0.00	44.41 -1.22 0.00	28.07 -0.76 0.00	25.09 -0.52 0.00
BAYONEEC___CTG1 323682	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG10 323750	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG2 323683	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG3 323684	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG4 323685	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG5 323686	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG6 323687	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG7 323688	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00

BAYONEEC___CTG8 323689	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BAYONEEC___CTG9 323749	15.17 0.81 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.41 0.71 0.00	14.63 0.73 0.00	22.62 0.87 0.00	23.74 0.76 0.00	23.12 0.88 0.00	17.36 0.85 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.15 1.84 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.60 2.12 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.14 1.88 0.00	53.60 2.22 0.00	47.26 1.64 0.00	30.03 1.20 0.00	26.82 1.21 0.00
BEACON___LESR 323632	14.64 0.28 0.00	14.75 0.31 0.00	15.00 0.33 0.00	11.98 0.28 0.00	14.25 0.34 0.00	22.11 0.36 0.00	23.22 0.24 0.00	22.29 0.05 0.00	16.49 -0.02 0.00	19.27 -0.10 0.00	24.79 -0.05 0.00	27.18 -0.04 0.00	28.21 -0.10 0.00	27.01 -0.05 0.00	27.37 -0.03 0.00	30.56 0.08 0.00	34.96 0.08 0.00	37.83 0.14 0.00	38.41 0.24 0.00	42.56 0.31 0.00	51.66 0.27 0.00	45.68 0.06 0.00	29.04 0.21 0.00	26.03 0.42 0.00
BEAVER RIVER___HYD 24048	14.02 -0.35 0.00	14.09 -0.35 0.00	14.21 -0.46 0.00	10.63 -0.32 0.75	13.65 -0.25 0.00	21.40 -0.35 0.00	22.50 -0.48 0.00	21.52 -0.72 0.00	15.93 -0.58 0.00	18.63 -0.74 0.00	23.83 -1.01 0.00	26.10 -1.11 0.00	27.18 -1.14 0.00	25.93 -1.14 0.00	26.19 -1.21 0.00	29.05 -1.43 0.00	33.48 -1.39 0.00	36.50 -1.19 0.00	37.40 -0.77 0.00	41.96 -0.29 0.00	51.46 0.07 0.00	45.93 0.30 0.00	28.75 -0.08 0.00	25.38 -0.23 0.00
BEEBEE_GT_13 23619	14.00 -0.37 0.00	14.12 -0.32 0.00	14.17 -0.50 0.00	11.38 -0.32 0.00	13.61 -0.29 0.00	21.14 -0.61 0.00	22.27 -0.71 0.00	21.76 -0.48 0.00	16.10 -0.41 0.00	18.94 -0.42 0.00	24.31 -0.53 0.00	26.51 -0.69 0.00	27.55 -0.77 0.00	26.30 -0.78 0.00	26.62 -0.77 0.00	29.52 -0.96 0.00	33.87 -1.01 0.00	36.35 -1.34 0.00	36.77 -1.39 0.00	40.75 -1.50 0.00	49.51 -1.87 0.00	44.17 -1.46 0.00	27.90 -0.93 0.00	24.90 -0.71 0.00
BENSHRST_27_KV_BENSHRST_1 355998	15.35 0.99 0.00	15.47 1.03 0.00	15.66 0.99 0.00	12.55 0.85 0.00	14.79 0.88 0.00	22.87 1.12 0.00	24.00 1.02 0.00	23.39 1.15 0.00	17.56 1.05 0.00	20.67 1.31 0.00	26.54 1.70 0.00	29.22 2.01 0.00	30.50 2.18 0.00	29.26 2.19 0.00	29.63 2.23 0.00	32.98 2.51 0.00	37.51 2.64 0.00	40.32 2.64 0.00	40.65 2.49 0.00	44.67 2.41 0.00	54.21 2.83 0.00	47.84 2.21 0.00	30.38 1.55 0.00	27.13 1.52 0.00
BETHLEHEM___GRP 23843	14.46 0.09 0.00	14.55 0.12 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.32 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.43 0.00	26.69 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.52 0.00	37.21 -0.48 0.00	37.74 -0.42 0.00	41.76 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
BETHLEHEM___GS1 323560	14.46 0.09 0.00	14.55 0.11 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.33 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.44 0.00	26.68 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.51 0.00	37.21 -0.47 0.00	37.74 -0.42 0.00	41.77 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
BETHLEHEM___GS2 323561	14.46 0.09 0.00	14.55 0.11 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.33 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.44 0.00	26.68 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.51 0.00	37.21 -0.47 0.00	37.74 -0.42 0.00	41.77 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
BETHLEHEM___GS3 323562	14.46 0.09 0.00	14.55 0.11 0.00	14.80 0.13 0.00	11.82 0.12 0.00	14.03 0.12 0.00	21.75 0.00 0.00	22.87 -0.11 0.00	21.97 -0.27 0.00	16.28 -0.23 0.00	19.04 -0.33 0.00	24.46 -0.37 0.00	26.82 -0.39 0.00	27.88 -0.44 0.00	26.68 -0.39 0.00	26.99 -0.41 0.00	30.09 -0.39 0.00	34.36 -0.51 0.00	37.21 -0.47 0.00	37.74 -0.42 0.00	41.77 -0.49 0.00	50.73 -0.65 0.00	44.93 -0.70 0.00	28.61 -0.22 0.00	25.63 0.03 0.00
BETHLEHEM___STEEL 23779	13.99 -0.37 0.00	14.15 -0.29 0.00	14.10 -0.56 0.00	11.36 -0.34 0.00	13.63 -0.28 0.00	21.08 -0.67 0.00	22.14 -0.84 0.00	21.80 -0.44 0.00	16.13 -0.38 0.00	19.04 -0.33 0.00	24.43 -0.40 0.00	26.58 -0.63 0.00	27.57 -0.74 0.00	26.23 -0.84 0.00	26.56 -0.84 0.00	29.25 -1.23 0.00	33.58 -1.29 0.00	35.83 -1.86 0.00	36.19 -1.97 0.00	40.13 -2.13 0.00	48.71 -2.68 0.00	43.59 -2.04 0.00	27.61 -1.22 0.00	24.75 -0.86 0.00
BETHLHEM_115KV_TB1 79974	14.49 0.13 0.00	14.59 0.15 0.00	14.83 0.16 0.00	11.84 0.15 0.00	14.06 0.16 0.00	21.80 0.05 0.00	22.92 -0.06 0.00	22.05 -0.19 0.00	16.33 -0.18 0.00	19.11 -0.26 0.00	24.55 -0.29 0.00	26.92 -0.29 0.00	27.99 -0.33 0.00	26.79 -0.28 0.00	27.10 -0.30 0.00	30.21 -0.27 0.00	34.50 -0.38 0.00	37.35 -0.33 0.00	37.87 -0.30 0.00	41.91 -0.35 0.00	50.91 -0.48 0.00	45.09 -0.54 0.00	28.70 -0.13 0.00	25.71 0.10 0.00
BETHPAGE_CC_5 323564	21.57 1.13 -6.08	16.79 1.09 -1.26	15.66 0.99 0.00	12.55 0.85 0.00	14.80 0.90 0.00	22.94 1.19 0.00	24.01 1.03 0.00	23.26 1.02 0.00	17.47 0.96 0.00	20.57 1.20 0.00	26.46 1.62 0.00	29.21 2.00 0.00	36.83 2.23 -6.28	29.25 2.18 0.00	33.85 2.31 -4.14	40.00 2.60 -6.92	37.30 2.43 0.00	39.99 2.31 0.00	40.36 2.20 0.00	44.25 2.00 0.00	54.10 2.72 0.00	47.63 2.00 0.00	30.38 1.55 0.00	27.29 1.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	14.04 -0.32 0.00	14.19 -0.24 0.00	14.15 -0.51 0.00	11.40 -0.30 0.00	13.67 -0.24 0.00	21.15 -0.60 0.00	22.23 -0.75 0.00	21.90 -0.34 0.00	16.19 -0.32 0.00	19.12 -0.24 0.00	24.54 -0.30 0.00	26.69 -0.52 0.00	27.69 -0.62 0.00	26.35 -0.72 0.00	26.67 -0.73 0.00	29.37 -1.11 0.00	33.72 -1.15 0.00	36.00 -1.69 0.00	36.35 -1.81 0.00	40.31 -1.95 0.00	48.93 -2.46 0.00	43.78 -1.85 0.00	27.71 -1.12 0.00	24.84 -0.78 0.00
BINGHAMTON___COGEN 23790	14.35 -0.01 0.00	14.50 0.06 0.00	14.66 -0.01 0.00	11.75 0.05 0.00	13.96 0.05 0.00	21.68 -0.07 0.00	22.81 -0.17 0.00	22.16 -0.07 0.00	16.42 -0.09 0.00	19.28 -0.08 0.00	24.72 -0.11 0.00	27.02 -0.19 0.00	28.12 -0.19 0.00	26.86 -0.21 0.00	27.22 -0.18 0.00	30.20 -0.28 0.00	34.59 -0.28 0.00	37.33 -0.36 0.00	37.81 -0.35 0.00	41.84 -0.42 0.00	50.87 -0.52 0.00	45.13 -0.50 0.00	28.54 -0.28 0.00	25.48 -0.13 0.00

BIXINCNT_115KV_LOAD 355685	14.23 -0.13 0.00	14.41 -0.03 0.00	14.37 -0.30 0.00	11.58 -0.11 0.00	13.85 -0.05 0.00	21.49 -0.27 0.00	22.65 -0.33 0.00	22.37 0.13 0.00	16.55 0.04 0.00	19.53 0.16 0.00	25.04 0.20 0.00	27.14 -0.07 0.00	28.17 -0.14 0.00	26.74 -0.33 0.00	27.04 -0.36 0.00	29.71 -0.76 0.00	34.14 -0.74 0.00	36.50 -1.19 0.00	36.89 -1.27 0.00	40.81 -1.45 0.00	49.46 -1.92 0.00	44.29 -1.34 0.00	27.96 -0.87 0.00	25.04 -0.57 0.00
BLACK RIVER___HYD 24047	14.07 -0.29 0.00	14.15 -0.29 0.00	14.25 -0.42 0.00	10.92 -0.27 0.51	13.73 -0.17 0.00	21.48 -0.27 0.00	22.53 -0.45 0.00	21.48 -0.76 0.00	15.82 -0.70 0.00	18.47 -0.89 0.00	23.64 -1.20 0.00	25.90 -1.32 0.00	26.96 -1.36 0.00	25.73 -1.34 0.00	25.97 -1.43 0.00	28.79 -1.68 0.00	33.23 -1.64 0.00	36.38 -1.31 0.00	37.46 -0.70 0.00	42.21 -0.05 0.00	51.85 0.47 0.00	46.27 0.65 0.00	28.99 0.16 0.00	25.56 -0.05 0.00
BLACKRVR_115KV_TB2 79977	14.07 -0.29 0.00	14.15 -0.29 0.00	14.25 -0.42 0.00	10.92 -0.27 0.51	13.73 -0.17 0.00	21.48 -0.27 0.00	22.53 -0.45 0.00	21.48 -0.76 0.00	15.82 -0.70 0.00	18.47 -0.89 0.00	23.64 -1.20 0.00	25.89 -1.32 0.00	26.95 -1.37 0.00	25.73 -1.34 0.00	25.97 -1.43 0.00	28.79 -1.68 0.00	33.23 -1.64 0.00	36.38 -1.31 0.00	37.46 -0.71 0.00	42.21 -0.05 0.00	51.85 0.47 0.00	46.28 0.65 0.00	28.98 0.15 0.00	25.56 -0.05 0.00
BLDWN_LI_69_KV_BK4 356085	54.13 1.09 -38.68	25.17 1.06 -9.66	15.64 0.98 0.00	12.53 0.83 0.00	14.78 0.88 0.00	22.92 1.17 0.00	24.01 1.03 0.00	23.23 0.99 0.00	17.43 0.92 0.00	20.51 1.14 0.00	26.38 1.54 0.00	29.20 1.99 0.00	40.38 2.17 -9.90	29.16 2.09 0.00	34.19 2.19 -4.59	40.63 2.46 -7.69	37.25 2.38 0.00	40.00 2.32 0.00	40.34 2.18 0.00	44.26 2.01 0.00	54.10 2.72 0.00	47.70 2.08 0.00	30.38 1.55 0.00	27.23 1.62 0.00
BLISS_WT_PWR 323608	14.20 -0.13 0.04	14.41 -0.03 0.00	14.36 -0.31 0.00	11.57 -0.13 0.00	13.83 -0.05 0.02	21.19 -0.28 0.29	22.29 -0.32 0.37	21.26 0.15 1.13	16.57 0.06 0.00	19.55 0.18 0.00	25.06 0.22 0.00	27.16 -0.05 0.00	28.19 -0.12 0.00	26.76 -0.32 0.00	27.03 -0.37 0.00	29.71 -0.76 0.00	34.14 -0.73 0.00	36.51 -1.18 0.00	36.89 -1.27 0.00	40.78 -1.47 0.00	49.40 -1.99 0.00	44.26 -1.37 0.00	27.93 -0.91 0.00	25.00 -0.61 0.00
BLUESTONE___WT_PWR 323821	14.83 0.47 0.00	15.00 0.56 0.00	15.20 0.52 0.00	12.21 0.51 0.00	14.51 0.61 0.00	22.52 0.77 0.00	23.74 0.75 0.00	23.00 0.76 0.00	16.97 0.47 0.00	19.89 0.52 0.00	25.44 0.60 0.00	27.78 0.57 0.00	28.93 0.62 0.00	27.65 0.58 0.00	28.08 0.68 0.00	31.24 0.76 0.00	35.79 0.92 0.00	38.79 1.10 0.00	39.55 1.39 0.00	43.85 1.60 0.00	53.44 2.05 0.00	47.21 1.58 0.00	29.45 0.62 0.00	26.21 0.60 0.00
BLUE_CIRC_CHEM_DRP 24182	14.63 0.27 0.00	14.75 0.31 0.00	14.99 0.32 0.00	11.98 0.28 0.00	14.22 0.32 0.00	22.07 0.32 0.00	23.20 0.22 0.00	22.26 0.02 0.00	16.46 -0.05 0.00	19.24 -0.13 0.00	24.71 -0.13 0.00	27.09 -0.13 0.00	28.15 -0.17 0.00	26.92 -0.15 0.00	27.25 -0.15 0.00	30.38 -0.10 0.00	34.79 -0.09 0.00	37.70 0.01 0.00	38.28 0.12 0.00	42.40 0.14 0.00	51.54 0.16 0.00	45.67 0.05 0.00	29.04 0.21 0.00	25.98 0.37 0.00
BOC_GAS_DRP 24189	14.57 0.21 0.00	14.68 0.24 0.00	14.92 0.25 0.00	11.92 0.22 0.00	14.14 0.24 0.00	21.94 0.19 0.00	23.07 0.09 0.00	22.24 0.00 0.00	16.50 -0.01 0.00	19.32 -0.05 0.00	24.81 -0.02 0.00	27.21 -0.01 0.00	28.31 0.00 0.00	27.09 0.02 0.00	27.40 0.00 0.00	30.52 0.04 0.00	34.87 -0.01 0.00	37.71 0.03 0.00	38.20 0.04 0.00	42.25 -0.01 0.00	51.34 -0.05 0.00	45.50 -0.13 0.00	28.93 0.09 0.00	25.87 0.25 0.00
BOONVILLE_115KV_TB1 79983	14.43 0.07 0.00	14.52 0.08 0.00	14.69 0.02 0.00	11.56 0.05 0.19	14.01 0.11 0.00	21.91 0.16 0.00	23.08 0.10 0.00	22.20 -0.04 0.00	16.45 -0.07 0.00	19.24 -0.13 0.00	24.63 -0.20 0.00	26.95 -0.26 0.00	28.06 -0.26 0.00	26.81 -0.26 0.00	27.13 -0.27 0.00	30.18 -0.30 0.00	34.72 -0.16 0.00	37.73 0.04 0.00	38.50 0.34 0.00	42.85 0.60 0.00	52.27 0.89 0.00	46.43 0.81 0.00	29.23 0.40 0.00	25.92 0.31 0.00
BORALEX_4TH_BRANCH 23824	14.89 0.52 0.00	14.99 0.55 0.00	15.27 0.60 0.00	12.20 0.50 0.00	14.49 0.59 0.00	22.43 0.68 0.00	23.59 0.61 0.00	22.42 0.18 0.00	16.40 -0.10 0.00	19.08 -0.29 0.00	24.52 -0.32 0.00	26.79 -0.42 0.00	27.88 -0.43 0.00	26.67 -0.41 0.00	26.93 -0.47 0.00	30.04 -0.43 0.00	34.37 -0.51 0.00	37.53 -0.16 0.00	38.27 0.10 0.00	42.55 0.30 0.00	51.70 0.32 0.00	45.78 0.15 0.00	29.28 0.45 0.00	26.27 0.66 0.00
BOWLINE___1 23526	15.04 0.67 0.00	15.17 0.73 0.00	15.36 0.70 0.00	12.30 0.60 0.00	14.51 0.61 0.00	22.45 0.71 0.00	23.57 0.59 0.00	22.92 0.68 0.00	17.16 0.65 0.00	20.23 0.86 0.00	25.95 1.11 0.00	28.56 1.34 0.00	29.77 1.46 0.00	28.54 1.47 0.00	28.91 1.51 0.00	32.18 1.71 0.00	36.63 1.75 0.00	39.41 1.72 0.00	39.76 1.60 0.00	43.74 1.48 0.00	53.14 1.76 0.00	46.90 1.27 0.00	29.78 0.96 0.00	26.61 1.00 0.00
BOWLINE___2 23595	15.04 0.67 0.00	15.17 0.73 0.00	15.36 0.70 0.00	12.30 0.60 0.00	14.51 0.61 0.00	22.45 0.71 0.00	23.57 0.59 0.00	22.93 0.69 0.00	17.16 0.65 0.00	20.23 0.86 0.00	25.95 1.11 0.00	28.56 1.34 0.00	29.77 1.46 0.00	28.54 1.47 0.00	28.91 1.51 0.00	32.18 1.71 0.00	36.63 1.75 0.00	39.41 1.72 0.00	39.76 1.60 0.00	43.74 1.48 0.00	53.14 1.76 0.00	46.90 1.27 0.00	29.78 0.96 0.00	26.61 1.00 0.00
BRADY___115KV_TB2 356060	14.14 -0.22 0.00	14.15 -0.29 0.00	14.36 -0.31 0.00	8.95 -0.29 2.46	13.65 -0.26 0.00	21.62 -0.13 0.00	23.07 0.08 0.00	22.25 0.00 0.00	16.51 0.01 0.00	19.39 0.03 0.00	24.84 0.00 0.00	27.19 -0.02 0.00	28.29 -0.03 0.00	26.94 -0.13 0.00	27.25 -0.15 0.00	30.24 -0.23 0.00	34.69 -0.19 0.00	37.50 -0.19 0.00	37.78 -0.39 0.00	42.21 -0.04 0.00	51.83 0.45 0.00	46.58 0.95 0.00	29.00 0.17 0.00	25.46 -0.15 0.00
BRANSCOMB___SOLAR 323811	14.85 0.48 0.00	14.96 0.52 0.00	15.21 0.54 0.00	12.14 0.44 0.00	14.43 0.52 0.00	22.44 0.69 0.00	23.68 0.70 0.00	22.62 0.38 0.00	16.62 0.11 0.00	19.43 0.07 0.00	24.81 -0.03 0.00	27.13 -0.08 0.00	28.19 -0.13 0.00	26.90 -0.17 0.00	27.17 -0.23 0.00	30.26 -0.22 0.00	34.79 -0.09 0.00	37.95 0.26 0.00	38.67 0.50 0.00	42.93 0.68 0.00	52.25 0.87 0.00	46.28 0.65 0.00	29.36 0.53 0.00	26.35 0.74 0.00
BRDGHMPT_69_KV_BK1 55812	10.52 1.65 5.49	14.22 1.53 1.75	16.04 1.37 0.00	12.90 1.20 0.00	15.23 1.33 0.00	23.60 1.85 0.00	24.78 1.80 0.00	24.05 1.81 0.00	18.07 1.57 0.00	21.29 1.92 0.00	27.33 2.49 0.00	30.12 2.91 0.00	35.68 3.21 -4.16	30.15 3.07 0.00	34.13 3.28 -3.45	39.97 3.71 -5.78	38.10 3.22 0.00	40.40 2.72 0.00	40.28 2.12 0.00	43.98 1.72 0.00	54.77 3.39 0.00	48.06 2.43 0.00	30.59 1.76 0.00	27.47 1.86 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	11.50 1.25 4.12	14.24 1.19 1.39	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.98 0.00	23.09 1.34 0.00	24.20 1.22 0.00	23.46 1.22 0.00	17.60 1.09 0.00	20.72 1.35 0.00	26.66 1.82 0.00	29.41 2.20 0.00	35.18 2.46 -4.41	29.47 2.40 0.00	33.53 2.59 -3.53	39.32 2.93 -5.91	37.55 2.67 0.00	40.23 2.54 0.00	40.63 2.47 0.00	44.47 2.22 0.00	54.59 3.21 0.00	47.96 2.34 0.00	30.63 1.80 0.00	27.53 1.91 0.00
BRISTLHL_115KV_TB1 79998	13.92 -0.44 0.00	14.02 -0.42 0.00	14.18 -0.49 0.00	11.35 -0.35 0.00	13.50 -0.40 0.00	21.04 -0.71 0.00	22.19 -0.80 0.00	21.48 -0.75 0.00	15.88 -0.63 0.00	18.61 -0.76 0.00	23.87 -0.97 0.00	26.08 -1.13 0.00	27.15 -1.17 0.00	25.96 -1.12 0.00	26.30 -1.10 0.00	29.27 -1.21 0.00	33.58 -1.30 0.00	36.34 -1.35 0.00	36.87 -1.30 0.00	40.85 -1.40 0.00	49.68 -1.71 0.00	44.09 -1.53 0.00	27.87 -0.96 0.00	24.79 -0.82 0.00
BROOKHAVEN___DRP 24191	10.11 1.27 5.53	13.87 1.19 1.76	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.99 0.00	23.10 1.34 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.61 1.10 0.00	20.72 1.35 0.00	26.59 1.76 0.00	29.33 2.12 0.00	34.84 2.37 -4.15	29.38 2.31 0.00	33.39 2.54 -3.45	39.15 2.90 -5.78	37.40 2.53 0.00	40.05 2.37 0.00	40.19 2.03 0.00	43.92 1.67 0.00	54.45 3.06 0.00	47.81 2.18 0.00	30.49 1.66 0.00	27.41 1.79 0.00
BROOKLYN_NAVY_YARD 23515	15.13 0.77 0.01	15.25 0.82 0.01	15.43 0.78 0.02	12.35 0.67 0.02	-2.44 0.68 17.03	-89.52 0.79 112.07	-1.84 0.70 25.52	23.07 0.83 0.00	17.31 0.80 0.00	20.42 1.05 0.00	26.20 1.36 0.00	28.85 1.64 0.00	30.10 1.78 0.00	28.85 1.78 0.00	29.24 1.84 0.00	32.53 2.05 0.00	37.00 2.13 0.00	39.79 2.10 0.00	40.10 1.94 0.00	44.06 1.80 0.00	53.51 2.13 0.00	47.16 1.54 0.00	29.94 1.11 0.01	26.74 1.14 0.00
BROOKLYN___ARMY_DRP 323595	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
BROOME_2_LFGE 323671	14.36 -0.01 0.00	14.50 0.06 0.00	14.66 -0.01 0.00	11.75 0.05 0.00	13.96 0.05 0.00	21.68 -0.07 0.00	22.81 -0.18 0.00	22.45 -0.07 -0.28	16.42 -0.09 0.00	19.28 -0.08 0.00	24.73 -0.11 0.00	27.02 -0.19 0.00	28.12 -0.19 0.00	26.86 -0.21 0.00	27.22 -0.18 0.00	30.20 -0.28 0.00	34.59 -0.28 0.00	37.33 -0.36 0.00	37.81 -0.35 0.00	41.83 -0.42 0.00	50.87 -0.52 0.00	45.13 -0.50 0.00	28.54 -0.28 0.00	25.48 -0.13 0.00
BROOME___LFGE 323600	14.36 -0.01 0.00	14.50 0.06 0.00	14.66 -0.01 0.00	11.75 0.05 0.00	13.96 0.05 0.00	21.68 -0.07 0.00	22.81 -0.18 0.00	22.45 -0.07 -0.28	16.42 -0.09 0.00	19.28 -0.08 0.00	24.73 -0.11 0.00	27.02 -0.19 0.00	28.12 -0.19 0.00	26.86 -0.21 0.00	27.22 -0.18 0.00	30.20 -0.28 0.00	34.59 -0.28 0.00	37.33 -0.36 0.00	37.81 -0.35 0.00	41.83 -0.42 0.00	50.87 -0.52 0.00	45.13 -0.50 0.00	28.54 -0.28 0.00	25.48 -0.13 0.00
BROWNFLS_115KV_TB 3_5 80003	13.81 -0.56 0.00	13.85 -0.59 0.00	14.01 -0.66 0.00	9.75 -0.52 1.43	13.40 -0.51 0.00	21.11 -0.64 0.00	22.32 -0.67 0.00	21.41 -0.82 0.00	15.88 -0.63 0.00	18.59 -0.77 0.00	23.80 -1.03 0.00	26.11 -1.11 0.00	27.16 -1.16 0.00	25.87 -1.21 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.37 -1.51 0.00	36.26 -1.43 0.00	36.87 -1.29 0.00	41.30 -0.96 0.00	50.60 -0.79 0.00	45.30 -0.32 0.00	28.28 -0.55 0.00	24.89 -0.72 0.00
BROWNSV1_27_KV_LOAD 356125	15.29 0.92 0.00	15.42 0.98 0.00	15.60 0.93 0.00	12.49 0.79 0.00	14.73 0.83 0.00	22.79 1.03 0.00	23.93 0.95 0.00	23.32 1.08 0.00	17.51 0.99 0.00	20.65 1.29 0.00	26.51 1.67 0.00	29.18 1.97 0.00	30.43 2.11 0.00	29.17 2.10 0.00	29.57 2.17 0.00	32.90 2.42 0.00	37.42 2.55 0.00	40.23 2.54 0.00	40.56 2.39 0.00	44.56 2.31 0.00	54.12 2.74 0.00	47.74 2.11 0.00	30.31 1.48 0.00	27.05 1.44 0.00
BURROWS___LYONSDAL 23803	14.33 -0.04 0.00	14.41 -0.03 0.00	14.57 -0.10 0.00	11.36 -0.04 0.30	13.93 0.03 0.00	21.79 0.04 0.00	22.92 -0.06 0.00	22.03 -0.21 0.00	16.32 -0.19 0.00	19.09 -0.28 0.00	24.44 -0.40 0.00	26.75 -0.46 0.00	27.84 -0.47 0.00	26.60 -0.47 0.00	26.91 -0.49 0.00	29.90 -0.57 0.00	34.43 -0.45 0.00	37.43 -0.26 0.00	38.24 0.08 0.00	42.65 0.39 0.00	52.08 0.70 0.00	46.31 0.69 0.00	29.12 0.29 0.00	25.80 0.19 0.00
CAITHNESS_CC_1 323624	10.03 1.23 5.56	13.82 1.15 1.77	15.71 1.04 0.00	12.59 0.89 0.00	14.85 0.95 0.00	23.03 1.28 0.00	24.15 1.17 0.00	23.40 1.16 0.00	17.56 1.05 0.00	20.66 1.30 0.00	26.53 1.70 0.00	29.26 2.05 0.00	34.77 2.31 -4.15	29.32 2.24 0.00	33.31 2.46 -3.45	39.06 2.81 -5.77	37.33 2.46 0.00	39.98 2.30 0.00	40.19 2.03 0.00	43.91 1.65 0.00	54.30 2.92 0.00	47.68 2.06 0.00	30.42 1.59 0.00	27.35 1.74 0.00
CALPINE BETH_PAGE_GT4 24209	25.79 1.12 -10.31	17.86 1.09 -2.33	15.66 0.99 0.00	12.54 0.85 0.00	14.80 0.90 0.00	22.94 1.19 0.00	23.97 0.99 0.00	23.22 0.98 0.00	17.44 0.93 0.00	20.53 1.16 0.00	26.40 1.56 0.00	29.16 1.95 0.00	37.57 2.18 -7.08	29.19 2.12 0.00	34.05 2.25 -4.40	40.38 2.54 -7.36	37.25 2.37 0.00	39.95 2.26 0.00	40.30 2.14 0.00	44.21 1.95 0.00	54.01 2.63 0.00	47.58 1.95 0.00	30.34 1.50 0.00	27.29 1.68 0.00
CALPINE_BETH_PAGE_GT_4 323586	25.80 1.13 -10.31	17.86 1.09 -2.33	15.66 0.99 0.00	12.54 0.85 0.00	14.80 0.90 0.00	22.94 1.19 0.00	23.97 0.99 0.00	23.22 0.98 0.00	17.44 0.93 0.00	20.53 1.16 0.00	26.40 1.56 0.00	29.16 1.95 0.00	37.57 2.17 -7.08	29.19 2.12 0.00	34.05 2.25 -4.40	40.38 2.54 -7.36	37.25 2.37 0.00	39.94 2.26 0.00	40.30 2.14 0.00	44.20 1.95 0.00	54.01 2.63 0.00	47.58 1.95 0.00	30.33 1.50 0.00	27.29 1.68 0.00
CALPINE_BP_GT1 23823	25.80 1.13 -10.31	17.86 1.09 -2.33	15.66 0.99 0.00	12.54 0.85 0.00	14.80 0.90 0.00	22.94 1.19 0.00	23.97 0.99 0.00	23.22 0.98 0.00	17.44 0.93 0.00	20.53 1.16 0.00	26.40 1.56 0.00	29.16 1.95 0.00	37.57 2.17 -7.08	29.19 2.12 0.00	34.05 2.25 -4.40	40.38 2.54 -7.36	37.25 2.37 0.00	39.94 2.26 0.00	40.30 2.14 0.00	44.20 1.95 0.00	54.01 2.63 0.00	47.58 1.95 0.00	30.33 1.50 0.00	27.29 1.68 0.00
CALSPAN___DRP 24200	13.99 -0.37 0.00	14.15 -0.29 0.00	14.10 -0.56 0.00	11.36 -0.34 0.00	13.63 -0.28 0.00	21.08 -0.67 0.00	22.14 -0.84 0.00	21.80 -0.44 0.00	16.13 -0.38 0.00	19.04 -0.33 0.00	24.43 -0.40 0.00	26.58 -0.63 0.00	27.57 -0.74 0.00	26.23 -0.84 0.00	26.56 -0.84 0.00	29.25 -1.23 0.00	33.58 -1.29 0.00	35.83 -1.86 0.00	36.19 -1.97 0.00	40.13 -2.13 0.00	48.71 -2.68 0.00	43.59 -2.04 0.00	27.61 -1.22 0.00	24.75 -0.86 0.00

CALVERTON___SOLAR 323806	10.17 1.33 5.52	13.92 1.24 1.76	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.16 1.41 0.00	24.30 1.32 0.00	23.54 1.30 0.00	17.67 1.16 0.00	20.78 1.41 0.00	26.67 1.83 0.00	29.39 2.18 0.00	34.92 2.45 -4.16	29.46 2.38 0.00	33.47 2.62 -3.45	39.25 3.00 -5.78	37.48 2.61 0.00	40.12 2.43 0.00	40.22 2.06 0.00	43.95 1.70 0.00	54.59 3.21 0.00	47.92 2.29 0.00	30.55 1.72 0.00	27.46 1.85 0.00
CANDIGU_WT_PWR 323617	14.21 -0.18 -0.03	14.36 -0.08 0.00	14.40 -0.27 0.00	11.59 -0.10 0.00	13.85 -0.07 -0.02	21.64 -0.31 -0.20	22.77 -0.46 -0.25	22.72 -0.32 -0.80	16.06 -0.45 0.00	18.86 -0.51 0.00	24.22 -0.62 0.00	26.43 -0.78 0.00	27.44 -0.88 0.00	26.12 -0.95 0.00	26.44 -0.96 0.00	29.24 -1.25 0.00	33.58 -1.29 0.00	36.24 -1.45 0.00	36.81 -1.35 0.00	40.85 -1.41 0.00	49.54 -1.84 0.00	44.08 -1.54 0.00	27.84 -0.99 0.00	24.88 -0.73 0.00
CARR STREET_E_SYR 24060	14.14 -0.22 0.00	14.25 -0.19 0.00	14.41 -0.25 0.00	11.54 -0.16 0.00	13.72 -0.18 0.00	21.37 -0.38 0.00	22.52 -0.46 0.00	21.82 -0.42 0.00	16.14 -0.36 0.00	18.93 -0.44 0.00	24.27 -0.57 0.00	26.57 -0.64 0.00	27.64 -0.67 0.00	26.44 -0.63 0.00	26.79 -0.61 0.00	29.80 -0.68 0.00	34.15 -0.72 0.00	36.84 -0.84 0.00	37.34 -0.83 0.00	41.34 -0.92 0.00	50.26 -1.13 0.00	44.60 -1.03 0.00	28.27 -0.56 0.00	25.16 -0.45 0.00
CARTHAGE___PAPER 23857	14.11 -0.25 0.00	14.19 -0.25 0.00	14.29 -0.37 0.00	10.85 -0.25 0.60	13.76 -0.15 0.00	21.56 -0.19 0.00	22.65 -0.33 0.00	21.63 -0.61 0.00	15.95 -0.56 0.00	18.62 -0.75 0.00	23.79 -1.05 0.00	26.07 -1.14 0.00	27.14 -1.18 0.00	25.90 -1.17 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.47 -1.40 0.00	36.59 -1.10 0.00	37.62 -0.54 0.00	42.33 0.08 0.00	51.97 0.59 0.00	46.39 0.76 0.00	29.03 0.20 0.00	25.60 -0.02 0.00
CASSADAGA_WT_PWR 323784	14.16 -0.17 0.03	14.35 -0.09 0.00	14.29 -0.38 0.00	11.49 -0.21 0.00	13.70 -0.18 0.02	21.08 -0.39 0.28	22.29 -0.33 0.36	21.27 0.13 1.10	16.58 0.07 0.00	19.66 0.29 0.00	25.27 0.44 0.00	27.40 0.19 0.00	28.32 0.00 0.00	26.91 -0.17 0.00	27.19 -0.21 0.00	29.94 -0.54 0.00	34.46 -0.42 0.00	36.92 -0.77 0.00	37.19 -0.97 0.00	41.03 -1.22 0.00	49.89 -1.49 0.00	44.44 -1.19 0.00	28.14 -0.69 0.00	25.19 -0.42 0.00
CE_DUNWOOD___DRP 24194	15.12 0.76 0.00	15.25 0.81 0.00	15.45 0.78 0.00	12.36 0.66 0.00	14.59 0.69 0.00	22.57 0.82 0.00	23.70 0.72 0.00	23.05 0.81 0.00	17.27 0.76 0.00	20.36 0.99 0.00	26.11 1.27 0.00	28.74 1.53 0.00	29.97 1.65 0.00	28.72 1.65 0.00	29.10 1.71 0.00	32.40 1.92 0.00	36.86 1.99 0.00	39.66 1.97 0.00	40.00 1.84 0.00	43.98 1.72 0.00	53.43 2.04 0.00	47.15 1.53 0.00	29.94 1.11 0.00	26.74 1.13 0.00
CE_MILLWOOD___DRP 24193	15.09 0.72 0.00	15.22 0.78 0.00	15.42 0.75 0.00	12.34 0.64 0.00	14.56 0.66 0.00	22.53 0.78 0.00	23.66 0.68 0.00	23.00 0.77 0.00	17.23 0.72 0.00	20.30 0.93 0.00	26.04 1.20 0.00	28.66 1.45 0.00	29.88 1.57 0.00	28.63 1.57 0.00	29.02 1.62 0.00	32.30 1.83 0.00	36.76 1.89 0.00	39.55 1.87 0.00	39.90 1.74 0.00	43.89 1.63 0.00	53.32 1.94 0.00	47.06 1.44 0.00	29.88 1.05 0.00	26.69 1.08 0.00
CE_NYC2_DRP 24202	15.26 0.89 0.00	15.38 0.94 0.00	15.56 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.46 0.95 0.00	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.95 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.33 0.00	40.00 2.32 0.00	40.31 2.15 0.00	44.29 2.03 0.00	53.77 2.38 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
CE_NYC_DRP 24195	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.39 0.88 0.00	20.51 1.14 0.00	26.31 1.47 0.00	28.96 1.75 0.00	30.21 1.89 0.00	28.96 1.89 0.00	29.35 1.95 0.00	32.66 2.18 0.00	37.15 2.27 0.00	39.93 2.25 0.00	40.26 2.09 0.00	44.22 1.97 0.00	53.71 2.33 0.00	47.38 1.75 0.00	30.08 1.25 0.00	26.87 1.25 0.00
CHAFFEE___LFGE 323603	14.04 -0.29 0.03	14.23 -0.21 0.00	14.19 -0.48 0.00	11.43 -0.27 0.00	13.68 -0.20 0.02	20.95 -0.54 0.26	21.94 -0.70 0.33	20.92 -0.29 1.03	16.23 -0.28 0.00	19.15 -0.22 0.00	24.58 -0.26 0.00	26.72 -0.49 0.00	27.72 -0.59 0.00	26.39 -0.68 0.00	26.71 -0.69 0.00	29.41 -1.07 0.00	33.80 -1.08 0.00	36.07 -1.62 0.00	36.45 -1.72 0.00	40.42 -1.84 0.00	49.07 -2.31 0.00	43.91 -1.71 0.00	27.78 -1.05 0.00	24.89 -0.72 0.00
CHATEAUG_35_KV_LOAD 355732	13.99 -0.37 0.00	14.00 -0.44 0.00	14.22 -0.45 0.00	8.61 -0.42 2.67	13.46 -0.45 0.00	21.37 -0.38 0.00	22.78 -0.20 0.00	22.25 0.02 0.00	16.59 0.08 0.00	19.52 0.15 0.00	25.02 0.18 0.00	27.35 0.14 0.00	28.48 0.17 0.00	27.16 0.09 0.00	27.46 0.06 0.00	30.43 -0.05 0.00	34.88 0.01 0.00	37.75 0.06 0.00	38.21 0.05 0.00	42.61 0.35 0.00	52.00 0.62 0.00	46.38 0.75 0.00	29.07 0.24 0.00	25.59 -0.02 0.00
CHATEAUG_WT_PWR 323614	14.02 -0.34 0.00	14.03 -0.41 0.00	14.24 -0.43 0.00	8.58 -0.40 2.72	13.49 -0.42 0.00	21.38 -0.37 0.00	22.80 -0.18 0.00	22.27 0.03 0.00	16.61 0.10 0.00	19.54 0.18 0.00	25.06 0.22 0.00	27.40 0.19 0.00	28.53 0.21 0.00	27.21 0.14 0.00	27.52 0.12 0.00	30.48 0.00 0.00	34.93 0.06 0.00	37.84 0.15 0.00	38.29 0.13 0.00	42.62 0.37 0.00	51.96 0.58 0.00	46.32 0.69 0.00	29.04 0.21 0.00	25.58 -0.03 0.00
CHAT_HIGH_FALL_HYD 323578	13.99 -0.37 0.00	14.00 -0.44 0.00	14.22 -0.45 0.00	8.61 -0.42 2.67	13.46 -0.45 0.00	21.37 -0.38 0.00	22.78 -0.20 0.00	22.25 0.02 0.00	16.59 0.08 0.00	19.52 0.15 0.00	25.02 0.18 0.00	27.35 0.14 0.00	28.48 0.17 0.00	27.16 0.09 0.00	27.46 0.06 0.00	30.43 -0.05 0.00	34.88 0.01 0.00	37.75 0.06 0.00	38.21 0.05 0.00	42.61 0.35 0.00	52.00 0.62 0.00	46.38 0.75 0.00	29.07 0.24 0.00	25.59 -0.02 0.00
CHAUTAUQUA___LFGE 323629	14.08 -0.25 0.03	14.28 -0.16 0.00	14.24 -0.43 0.00	11.45 -0.24 0.00	13.68 -0.21 0.02	20.97 -0.51 0.27	22.05 -0.59 0.34	20.99 -0.18 1.07	16.34 -0.17 0.00	19.36 0.00 0.00	24.88 0.04 0.00	27.02 -0.19 0.00	27.99 -0.33 0.00	26.61 -0.46 0.00	26.91 -0.49 0.00	29.62 -0.85 0.00	34.06 -0.82 0.00	36.44 -1.24 0.00	36.77 -1.39 0.00	40.66 -1.59 0.00	49.41 -1.97 0.00	44.09 -1.54 0.00	27.91 -0.92 0.00	25.02 -0.59 0.00
CHERRYST_13_KV_LD 356241	15.23 0.87 0.00	15.36 0.92 0.00	15.55 0.88 0.00	12.45 0.75 0.00	14.69 0.78 0.00	22.72 0.96 0.00	23.86 0.87 0.00	23.23 0.99 0.00	17.45 0.94 0.00	20.58 1.21 0.00	26.41 1.57 0.00	29.07 1.86 0.00	30.32 2.01 0.00	29.07 2.00 0.00	29.46 2.06 0.00	32.78 2.30 0.00	37.29 2.41 0.00	40.07 2.38 0.00	40.38 2.22 0.00	44.38 2.12 0.00	53.87 2.48 0.00	47.50 1.87 0.00	30.17 1.34 0.00	26.93 1.32 0.00

CHESTROR_138KV_BK263 355645	14.94 0.58 0.00	15.07 0.63 0.00	15.27 0.60 0.00	12.23 0.53 0.00	14.43 0.53 0.00	22.36 0.61 0.00	23.48 0.50 0.00	22.82 0.58 0.00	17.05 0.54 0.00	20.07 0.70 0.00	25.73 0.89 0.00	28.29 1.08 0.00	29.49 1.17 0.00	28.27 1.20 0.00	28.65 1.25 0.00	31.88 1.40 0.00	36.33 1.46 0.00	39.15 1.47 0.00	39.54 1.37 0.00	43.53 1.27 0.00	52.90 1.52 0.00	46.73 1.10 0.00	29.66 0.83 0.00	26.50 0.89 0.00
CH_MIDHUDSON___DRP 24192	15.08 0.71 0.00	15.20 0.76 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.57 0.66 0.00	22.55 0.80 0.00	23.69 0.71 0.00	23.00 0.76 0.00	17.20 0.69 0.00	20.23 0.86 0.00	25.95 1.11 0.00	28.52 1.31 0.00	29.73 1.41 0.00	28.50 1.42 0.00	28.88 1.49 0.00	32.17 1.69 0.00	36.67 1.80 0.00	39.51 1.82 0.00	39.90 1.74 0.00	43.94 1.69 0.00	53.39 2.00 0.00	47.14 1.51 0.00	29.92 1.09 0.00	26.72 1.11 0.00
CH_MISC_IPPS 23765	15.14 0.78 0.00	15.26 0.82 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.64 0.89 0.00	23.80 0.82 0.00	23.11 0.87 0.00	17.28 0.77 0.00	20.33 0.96 0.00	26.07 1.23 0.00	28.66 1.45 0.00	29.88 1.56 0.00	28.65 1.58 0.00	29.05 1.65 0.00	32.35 1.87 0.00	36.89 2.01 0.00	39.76 2.07 0.00	40.15 1.98 0.00	44.21 1.95 0.00	53.71 2.33 0.00	47.42 1.79 0.00	30.09 1.26 0.00	26.85 1.24 0.00
CH_RES_BVR_FALLS 23983	14.23 -0.13 0.00	14.30 -0.14 0.00	14.51 -0.15 0.00	12.93 -0.12 -1.36	13.78 -0.12 0.00	21.58 -0.17 0.00	22.81 -0.17 0.00	22.09 -0.15 0.00	16.44 -0.07 0.00	19.29 -0.08 0.00	24.73 -0.11 0.00	27.08 -0.13 0.00	28.17 -0.14 0.00	26.92 -0.15 0.00	27.23 -0.17 0.00	30.29 -0.19 0.00	34.67 -0.20 0.00	37.46 -0.23 0.00	37.93 -0.23 0.00	42.05 -0.20 0.00	51.18 -0.20 0.00	45.50 -0.13 0.00	28.72 -0.11 0.00	25.47 -0.14 0.00
CH_RES_NIAGARA 23895	13.58 -0.78 0.00	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.30 -0.60 0.00	20.50 -1.26 0.00	21.42 -1.56 0.00	21.08 -1.16 0.00	15.62 -0.89 0.00	18.54 -0.83 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.54 -1.53 0.00	25.86 -1.54 0.00	28.49 -1.99 0.00	32.63 -2.25 0.00	34.53 -3.16 0.00	34.83 -3.34 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
CH_RES_SYRACUSE 23985	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.72 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.70 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
CLINTON_WT_PWR 323605	14.02 -0.34 0.00	14.03 -0.41 0.00	14.24 -0.43 0.00	8.58 -0.40 2.72	13.49 -0.42 0.00	21.38 -0.37 0.00	22.80 -0.18 0.00	22.27 0.03 0.00	16.61 0.10 0.00	19.54 0.18 0.00	25.06 0.22 0.00	27.40 0.19 0.00	28.53 0.21 0.00	27.21 0.14 0.00	27.52 0.12 0.00	30.48 0.00 0.00	34.93 0.06 0.00	37.84 0.15 0.00	38.29 0.13 0.00	42.62 0.37 0.00	51.96 0.58 0.00	46.32 0.69 0.00	29.04 0.21 0.00	25.58 -0.03 0.00
CLINTON___LFGE 323618	14.16 -0.20 0.00	14.17 -0.27 0.00	14.37 -0.30 0.00	8.69 -0.30 2.71	13.60 -0.31 0.00	21.56 -0.19 0.00	23.01 0.03 0.00	22.47 0.23 0.00	16.74 0.23 0.00	19.71 0.34 0.00	25.27 0.44 0.00	27.60 0.39 0.00	28.77 0.46 0.00	27.46 0.40 0.00	27.80 0.40 0.00	30.71 0.23 0.00	35.20 0.33 0.00	38.19 0.50 0.00	38.72 0.56 0.00	43.19 0.93 0.00	52.70 1.31 0.00	46.91 1.28 0.00	29.39 0.56 0.00	25.88 0.27 0.00
COBBLENY_34_KV_TB1 80064	14.07 -0.29 0.00	14.23 -0.21 0.00	14.19 -0.48 0.00	11.43 -0.27 0.00	13.70 -0.20 0.00	21.21 -0.55 0.00	22.27 -0.71 0.00	21.95 -0.29 0.00	16.23 -0.28 0.00	19.15 -0.22 0.00	24.58 -0.26 0.00	26.72 -0.49 0.00	27.73 -0.59 0.00	26.38 -0.69 0.00	26.72 -0.69 0.00	29.41 -1.07 0.00	33.80 -1.08 0.00	36.07 -1.62 0.00	36.44 -1.72 0.00	40.41 -1.85 0.00	49.09 -2.30 0.00	43.91 -1.72 0.00	27.78 -1.05 0.00	24.89 -0.72 0.00
COFFEEN___115KV_TB3 355620	14.11 -0.25 0.00	14.19 -0.25 0.00	14.29 -0.38 0.00	10.97 -0.24 0.50	13.77 -0.13 0.00	21.55 -0.20 0.00	22.61 -0.38 0.00	21.52 -0.72 0.00	15.79 -0.72 0.00	18.44 -0.93 0.00	23.59 -1.25 0.00	25.85 -1.36 0.00	26.90 -1.41 0.00	25.69 -1.38 0.00	25.93 -1.47 0.00	28.75 -1.73 0.00	33.17 -1.71 0.00	36.37 -1.32 0.00	37.51 -0.65 0.00	42.35 0.10 0.00	52.06 0.67 0.00	46.46 0.83 0.00	29.09 0.26 0.00	25.64 0.03 0.00
COLDSPRG_115KV_BK1 355956	14.42 0.05 0.00	14.62 0.18 0.00	14.60 -0.07 0.00	11.76 0.06 0.00	14.04 0.14 0.00	21.81 0.05 0.00	23.03 0.05 0.00	22.75 0.51 0.00	16.84 0.33 0.00	19.94 0.57 0.00	25.59 0.76 0.00	27.71 0.50 0.00	28.71 0.40 0.00	27.24 0.17 0.00	27.55 0.15 0.00	30.26 -0.21 0.00	34.80 -0.07 0.00	37.25 -0.44 0.00	37.59 -0.58 0.00	41.59 -0.66 0.00	50.55 -0.83 0.00	45.09 -0.53 0.00	28.50 -0.33 0.00	25.56 -0.05 0.00
COLONIE_LFGE___ 323577	14.70 0.34 0.00	14.80 0.36 0.00	15.05 0.39 0.00	12.02 0.32 0.00	14.28 0.38 0.00	22.15 0.40 0.00	23.33 0.35 0.00	22.33 0.09 0.00	16.45 -0.06 0.00	19.22 -0.15 0.00	24.65 -0.19 0.00	26.99 -0.22 0.00	28.07 -0.25 0.00	26.83 -0.24 0.00	27.12 -0.28 0.00	30.23 -0.25 0.00	34.64 -0.23 0.00	37.65 -0.04 0.00	38.28 0.12 0.00	42.46 0.20 0.00	51.60 0.21 0.00	45.70 0.08 0.00	29.09 0.26 0.00	26.06 0.45 0.00
COOPERNY_115KV_TB1 80082	14.76 0.40 0.00	14.88 0.44 0.00	15.09 0.42 0.00	12.08 0.38 0.00	14.27 0.37 0.00	22.15 0.40 0.00	23.29 0.31 0.00	22.61 0.37 0.00	16.86 0.35 0.00	19.83 0.47 0.00	25.43 0.59 0.00	27.92 0.71 0.00	29.08 0.76 0.00	27.85 0.78 0.00	28.22 0.82 0.00	31.40 0.92 0.00	35.83 0.95 0.00	38.63 0.94 0.00	39.04 0.87 0.00	43.04 0.78 0.00	52.30 0.92 0.00	46.28 0.65 0.00	29.35 0.52 0.00	26.19 0.58 0.00
COPENHAGEN_WT_PWR 323753	14.01 -0.35 0.00	14.09 -0.35 0.00	14.18 -0.49 0.00	10.91 -0.32 0.47	13.69 -0.21 0.00	21.39 -0.36 0.00	22.40 -0.58 0.00	21.38 -0.85 0.00	15.81 -0.70 0.00	18.48 -0.89 0.00	23.66 -1.18 0.00	25.91 -1.30 0.00	26.97 -1.35 0.00	25.75 -1.32 0.00	25.97 -1.43 0.00	28.78 -1.70 0.00	33.21 -1.67 0.00	36.31 -1.38 0.00	37.33 -0.84 0.00	42.02 -0.24 0.00	51.63 0.24 0.00	46.08 0.46 0.00	28.89 0.06 0.00	25.50 -0.11 0.00
CORNELL_____ 23752	14.52 0.15 0.00	14.63 0.19 0.00	14.79 0.12 0.00	11.86 0.16 0.00	14.10 0.20 0.00	21.96 0.21 0.00	23.15 0.17 0.00	22.45 0.21 0.00	16.53 0.02 0.00	19.30 -0.07 0.00	24.64 -0.20 0.00	26.92 -0.29 0.00	28.03 -0.28 0.00	26.79 -0.28 0.00	27.18 -0.22 0.00	30.30 -0.17 0.00	34.82 -0.06 0.00	37.76 0.07 0.00	38.43 0.26 0.00	42.62 0.36 0.00	51.90 0.52 0.00	46.03 0.40 0.00	29.05 0.22 0.00	25.83 0.22 0.00

CORONA V_69_KV_TB1 355595	99.10 1.08 -83.66	36.63 1.05 -21.15	15.63 0.96 0.00	12.52 0.82 0.00	14.77 0.87 0.00	22.90 1.14 0.00	23.99 1.01 0.00	23.27 1.03 0.00	17.47 0.96 0.00	20.57 1.20 0.00	26.50 1.66 0.00	29.22 2.00 0.00	46.29 2.19 -15.78	29.20 2.13 0.00	35.84 2.22 -6.23	43.38 2.49 -10.42	37.34 2.47 0.00	40.07 2.38 0.00	40.39 2.23 0.00	44.33 2.08 0.00	54.14 2.75 0.00	47.67 2.05 0.00	30.35 1.52 0.00	27.18 1.56 0.00
CORTLAND_115KV_TB3 80093	14.40 0.03 0.00	14.52 0.08 0.00	14.69 0.02 0.00	11.77 0.07 0.00	13.98 0.08 0.00	21.77 0.02 0.00	22.93 -0.05 0.00	22.23 -0.01 0.00	16.42 -0.09 0.00	19.22 -0.14 0.00	24.62 -0.22 0.00	26.91 -0.30 0.00	28.02 -0.30 0.00	26.78 -0.29 0.00	27.15 -0.25 0.00	30.20 -0.27 0.00	34.68 -0.19 0.00	37.53 -0.15 0.00	38.12 -0.04 0.00	42.23 -0.02 0.00	51.38 0.00 0.00	45.58 -0.05 0.00	28.80 -0.03 0.00	25.64 0.03 0.00
COXSACKIE__GT 23611	14.99 0.63 0.00	15.09 0.65 0.00	15.34 0.67 0.00	12.25 0.55 0.00	14.57 0.67 0.00	22.63 0.87 0.00	23.83 0.85 0.00	22.86 0.63 0.00	16.75 0.24 0.00	19.43 0.06 0.00	24.85 0.01 0.00	27.20 -0.01 0.00	28.22 -0.09 0.00	27.03 -0.04 0.00	27.42 0.02 0.00	30.61 0.14 0.00	35.22 0.34 0.00	38.43 0.74 0.00	39.23 1.06 0.00	43.67 1.42 0.00	53.21 1.82 0.00	47.13 1.51 0.00	29.87 1.04 0.00	26.65 1.04 0.00
CPV_VALLEY__CC1 323721	14.84 0.47 0.00	14.96 0.52 0.00	15.16 0.49 0.00	12.15 0.45 0.00	14.33 0.43 0.00	22.21 0.46 0.00	23.32 0.34 0.00	22.66 0.42 0.00	16.93 0.42 0.00	19.93 0.56 0.00	25.56 0.73 0.00	28.09 0.88 0.00	29.27 0.96 0.00	28.06 0.99 0.00	28.43 1.03 0.00	31.63 1.15 0.00	36.04 1.17 0.00	38.83 1.14 0.00	39.21 1.04 0.00	43.19 0.93 0.00	52.47 1.09 0.00	46.37 0.74 0.00	29.43 0.60 0.00	26.29 0.68 0.00
CPV_VALLEY__CC2 323722	14.84 0.47 0.00	14.96 0.52 0.00	15.16 0.49 0.00	12.15 0.45 0.00	14.33 0.43 0.00	22.21 0.46 0.00	23.32 0.34 0.00	22.66 0.42 0.00	16.93 0.42 0.00	19.93 0.56 0.00	25.56 0.73 0.00	28.09 0.88 0.00	29.27 0.96 0.00	28.06 0.99 0.00	28.43 1.03 0.00	31.63 1.15 0.00	36.04 1.17 0.00	38.83 1.14 0.00	39.21 1.04 0.00	43.19 0.93 0.00	52.47 1.09 0.00	46.37 0.74 0.00	29.43 0.60 0.00	26.29 0.68 0.00
CRESCENT__HYD 24018	14.70 0.34 0.00	14.80 0.36 0.00	15.05 0.39 0.00	12.02 0.32 0.00	14.28 0.38 0.00	22.15 0.40 0.00	23.33 0.35 0.00	22.33 0.09 0.00	16.45 -0.06 0.00	19.22 -0.15 0.00	24.65 -0.19 0.00	26.99 -0.22 0.00	28.07 -0.25 0.00	26.83 -0.24 0.00	27.12 -0.28 0.00	30.23 -0.25 0.00	34.64 -0.23 0.00	37.65 -0.04 0.00	38.28 0.12 0.00	42.46 0.20 0.00	51.60 0.21 0.00	45.70 0.08 0.00	29.09 0.26 0.00	26.06 0.45 0.00
CRICKET__VALLEY_CC1 323756	14.97 0.61 0.00	15.10 0.66 0.00	15.30 0.63 0.00	12.25 0.55 0.00	14.47 0.56 0.00	22.39 0.64 0.00	23.48 0.50 0.00	22.80 0.56 0.00	17.06 0.55 0.00	20.07 0.70 0.00	25.73 0.89 0.00	28.30 1.09 0.00	29.50 1.18 0.00	28.26 1.19 0.00	28.63 1.23 0.00	31.87 1.40 0.00	36.30 1.43 0.00	39.10 1.41 0.00	39.48 1.32 0.00	43.47 1.22 0.00	52.81 1.42 0.00	46.61 0.98 0.00	29.60 0.77 0.00	26.45 0.84 0.00
CRICKET__VALLEY_CC2 323757	14.97 0.61 0.00	15.10 0.66 0.00	15.30 0.63 0.00	12.25 0.55 0.00	14.47 0.56 0.00	22.39 0.64 0.00	23.48 0.50 0.00	22.80 0.56 0.00	17.06 0.55 0.00	20.07 0.70 0.00	25.73 0.89 0.00	28.30 1.09 0.00	29.50 1.18 0.00	28.26 1.19 0.00	28.63 1.23 0.00	31.87 1.40 0.00	36.30 1.43 0.00	39.10 1.41 0.00	39.48 1.32 0.00	43.47 1.22 0.00	52.81 1.42 0.00	46.61 0.98 0.00	29.60 0.77 0.00	26.45 0.84 0.00
CRICKET__VALLEY_CC3 323758	14.97 0.61 0.00	15.10 0.66 0.00	15.30 0.63 0.00	12.25 0.55 0.00	14.47 0.56 0.00	22.39 0.64 0.00	23.48 0.50 0.00	22.80 0.56 0.00	17.06 0.55 0.00	20.07 0.70 0.00	25.73 0.89 0.00	28.30 1.09 0.00	29.50 1.18 0.00	28.26 1.19 0.00	28.63 1.23 0.00	31.87 1.40 0.00	36.30 1.43 0.00	39.10 1.41 0.00	39.48 1.32 0.00	43.47 1.22 0.00	52.81 1.42 0.00	46.61 0.98 0.00	29.60 0.77 0.00	26.45 0.84 0.00
CRUCIBLE_METL_DRP 24180	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.71 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
DAHOWA__HYDRO 323763	14.88 0.52 0.00	15.00 0.56 0.00	15.24 0.57 0.00	12.17 0.47 0.00	14.47 0.56 0.00	22.51 0.75 0.00	23.79 0.81 0.00	22.71 0.46 0.00	16.68 0.17 0.00	19.51 0.14 0.00	24.88 0.04 0.00	27.20 -0.01 0.00	28.25 -0.06 0.00	26.93 -0.14 0.00	27.19 -0.21 0.00	30.27 -0.21 0.00	34.82 -0.06 0.00	38.00 0.31 0.00	38.74 0.58 0.00	43.03 0.77 0.00	52.37 0.99 0.00	46.38 0.75 0.00	29.41 0.58 0.00	26.43 0.81 0.00
DANC__LFGE 323619	14.01 -0.36 0.00	14.09 -0.35 0.00	14.21 -0.46 0.00	11.08 -0.31 0.31	13.65 -0.26 0.00	21.28 -0.47 0.00	22.34 -0.64 0.00	21.44 -0.80 0.00	15.84 -0.67 0.00	18.53 -0.84 0.00	23.74 -1.10 0.00	26.02 -1.19 0.00	27.07 -1.25 0.00	25.85 -1.22 0.00	26.12 -1.28 0.00	28.97 -1.51 0.00	33.35 -1.52 0.00	36.33 -1.36 0.00	37.17 -0.99 0.00	41.61 -0.65 0.00	50.93 -0.46 0.00	45.40 -0.23 0.00	28.56 -0.27 0.00	25.28 -0.33 0.00
DANSKAMMER__1 23586	15.14 0.78 0.00	15.26 0.82 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.64 0.89 0.00	23.80 0.82 0.00	23.11 0.87 0.00	17.28 0.77 0.00	20.33 0.96 0.00	26.07 1.23 0.00	28.66 1.45 0.00	29.88 1.56 0.00	28.65 1.58 0.00	29.05 1.65 0.00	32.35 1.87 0.00	36.89 2.01 0.00	39.76 2.07 0.00	40.15 1.98 0.00	44.21 1.95 0.00	53.71 2.33 0.00	47.42 1.79 0.00	30.09 1.26 0.00	26.85 1.24 0.00
DANSKAMMER__2 23589	15.14 0.78 0.00	15.26 0.82 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.64 0.89 0.00	23.80 0.82 0.00	23.11 0.87 0.00	17.28 0.77 0.00	20.33 0.96 0.00	26.07 1.23 0.00	28.66 1.45 0.00	29.88 1.56 0.00	28.65 1.58 0.00	29.05 1.65 0.00	32.35 1.87 0.00	36.89 2.01 0.00	39.76 2.07 0.00	40.15 1.98 0.00	44.21 1.95 0.00	53.71 2.33 0.00	47.42 1.79 0.00	30.09 1.26 0.00	26.85 1.24 0.00
DANSKAMMER__3 23590	15.14 0.78 0.00	15.26 0.82 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.64 0.89 0.00	23.80 0.82 0.00	23.11 0.87 0.00	17.28 0.77 0.00	20.33 0.96 0.00	26.07 1.23 0.00	28.66 1.45 0.00	29.88 1.56 0.00	28.65 1.58 0.00	29.05 1.65 0.00	32.35 1.87 0.00	36.89 2.01 0.00	39.76 2.07 0.00	40.15 1.98 0.00	44.21 1.95 0.00	53.71 2.33 0.00	47.42 1.79 0.00	30.09 1.26 0.00	26.85 1.24 0.00

DANSKAMMER___4 23591	15.14 0.78 0.00	15.26 0.82 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.64 0.89 0.00	23.80 0.82 0.00	23.11 0.87 0.00	17.28 0.77 0.00	20.33 0.96 0.00	26.07 1.23 0.00	28.66 1.45 0.00	29.88 1.56 0.00	28.65 1.58 0.00	29.05 1.65 0.00	32.35 1.87 0.00	36.89 2.01 0.00	39.76 2.07 0.00	40.15 1.98 0.00	44.21 1.95 0.00	53.71 2.33 0.00	47.42 1.79 0.00	30.09 1.26 0.00	26.85 1.24 0.00
DANSKAMMER___DIESEL 23592	15.14 0.78 0.00	15.26 0.82 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.64 0.88 0.00	23.80 0.82 0.00	23.11 0.87 0.00	17.28 0.77 0.00	20.33 0.96 0.00	26.07 1.23 0.00	28.66 1.45 0.00	29.88 1.57 0.00	28.65 1.58 0.00	29.05 1.65 0.00	32.35 1.87 0.00	36.89 2.01 0.00	39.76 2.07 0.00	40.15 1.98 0.00	44.20 1.95 0.00	53.72 2.33 0.00	47.42 1.79 0.00	30.09 1.26 0.00	26.85 1.24 0.00
DARBY___SOLAR 323810	14.85 0.49 0.00	14.96 0.52 0.00	15.21 0.54 0.00	12.14 0.44 0.00	14.43 0.53 0.00	22.44 0.69 0.00	23.70 0.72 0.00	22.64 0.40 0.00	16.64 0.13 0.00	19.46 0.09 0.00	24.83 -0.01 0.00	27.15 -0.06 0.00	28.21 -0.11 0.00	26.91 -0.16 0.00	27.17 -0.23 0.00	30.26 -0.22 0.00	34.81 -0.06 0.00	37.96 0.27 0.00	38.67 0.51 0.00	42.93 0.68 0.00	52.24 0.85 0.00	46.27 0.64 0.00	29.35 0.52 0.00	26.35 0.75 0.00
DASHVILLE___HYD 23610	15.13 0.76 0.00	15.25 0.81 0.00	15.44 0.78 0.00	12.36 0.67 0.00	14.59 0.69 0.00	22.59 0.84 0.00	23.71 0.73 0.00	23.06 0.82 0.00	17.25 0.74 0.00	20.30 0.94 0.00	26.03 1.19 0.00	28.64 1.43 0.00	29.85 1.53 0.00	28.63 1.56 0.00	29.02 1.62 0.00	32.31 1.84 0.00	36.83 1.95 0.00	39.66 1.98 0.00	40.05 1.89 0.00	44.08 1.82 0.00	53.57 2.18 0.00	47.28 1.66 0.00	30.02 1.19 0.00	26.79 1.18 0.00
DELAWARE___LFGE 323621	14.69 0.32 0.00	14.80 0.36 0.00	15.02 0.35 0.00	12.01 0.32 0.00	14.25 0.35 0.00	22.15 0.40 0.00	23.33 0.35 0.00	22.61 0.37 0.00	16.79 0.28 0.00	19.70 0.33 0.00	25.26 0.43 0.00	27.68 0.47 0.00	28.81 0.50 0.00	27.56 0.49 0.00	27.93 0.53 0.00	31.07 0.59 0.00	35.55 0.67 0.00	38.38 0.69 0.00	38.86 0.69 0.00	42.92 0.67 0.00	52.18 0.80 0.00	46.26 0.64 0.00	29.28 0.45 0.00	26.09 0.48 0.00
DERFIELD_115KV_TB7 355931	14.38 0.01 0.00	14.47 0.03 0.00	14.70 0.03 0.00	11.87 0.03 -0.14	13.93 0.03 0.00	21.73 -0.02 0.00	22.92 -0.06 0.00	22.14 -0.10 0.00	16.43 -0.08 0.00	19.26 -0.10 0.00	24.71 -0.13 0.00	27.07 -0.14 0.00	28.17 -0.14 0.00	26.94 -0.13 0.00	27.26 -0.14 0.00	30.34 -0.14 0.00	34.70 -0.17 0.00	37.53 -0.15 0.00	38.03 -0.13 0.00	42.09 -0.16 0.00	51.18 -0.20 0.00	45.44 -0.18 0.00	28.77 -0.06 0.00	25.61 0.00 0.00
DOGLEVILLE___HYD 23807	14.42 0.05 0.00	14.53 0.09 0.00	14.79 0.12 0.00	11.98 0.14 -0.14	14.02 0.12 0.00	21.76 0.00 0.00	22.86 -0.12 0.00	21.68 -0.56 0.00	15.86 -0.65 0.00	18.39 -0.98 0.00	23.53 -1.31 0.00	25.80 -1.42 0.00	26.92 -1.39 0.00	25.80 -1.28 0.00	26.02 -1.38 0.00	29.08 -1.40 0.00	33.41 -1.46 0.00	36.57 -1.11 0.00	37.54 -0.63 0.00	41.76 -0.49 0.00	50.93 -0.45 0.00	45.10 -0.53 0.00	28.62 -0.21 0.00	25.66 0.06 0.00
DUNKIRK___115KV_TB_200 55889	14.11 -0.26 0.00	14.27 -0.17 0.00	14.23 -0.44 0.00	11.45 -0.24 0.00	13.70 -0.21 0.00	21.22 -0.53 0.00	22.36 -0.62 0.00	22.02 -0.22 0.00	16.31 -0.20 0.00	19.33 -0.03 0.00	24.83 -0.01 0.00	26.97 -0.24 0.00	27.96 -0.36 0.00	26.58 -0.49 0.00	26.88 -0.52 0.00	29.58 -0.90 0.00	33.99 -0.89 0.00	36.38 -1.31 0.00	36.70 -1.46 0.00	40.60 -1.65 0.00	49.33 -2.05 0.00	44.02 -1.61 0.00	27.87 -0.96 0.00	24.99 -0.62 0.00
DUNKIRK___1 23563	14.11 -0.26 0.00	14.27 -0.17 0.00	14.23 -0.44 0.00	11.45 -0.24 0.00	13.70 -0.21 0.00	21.22 -0.53 0.00	22.36 -0.62 0.00	22.02 -0.22 0.00	16.31 -0.20 0.00	19.33 -0.03 0.00	24.83 -0.01 0.00	26.97 -0.24 0.00	27.96 -0.36 0.00	26.58 -0.49 0.00	26.88 -0.52 0.00	29.58 -0.90 0.00	33.99 -0.89 0.00	36.38 -1.31 0.00	36.70 -1.46 0.00	40.60 -1.65 0.00	49.33 -2.05 0.00	44.02 -1.61 0.00	27.87 -0.96 0.00	24.99 -0.62 0.00
DUNKIRK___2 23564	14.11 -0.26 0.00	14.27 -0.17 0.00	14.23 -0.44 0.00	11.45 -0.24 0.00	13.70 -0.21 0.00	21.22 -0.53 0.00	22.36 -0.62 0.00	22.02 -0.22 0.00	16.31 -0.20 0.00	19.33 -0.03 0.00	24.83 -0.01 0.00	26.97 -0.24 0.00	27.96 -0.36 0.00	26.58 -0.49 0.00	26.88 -0.52 0.00	29.58 -0.90 0.00	33.99 -0.89 0.00	36.38 -1.31 0.00	36.70 -1.46 0.00	40.60 -1.65 0.00	49.33 -2.05 0.00	44.02 -1.61 0.00	27.87 -0.96 0.00	24.99 -0.62 0.00
DUNKIRK___3 23565	14.06 -0.31 0.00	14.23 -0.21 0.00	14.20 -0.47 0.00	11.43 -0.27 0.00	13.67 -0.23 0.00	21.17 -0.58 0.00	22.27 -0.71 0.00	21.92 -0.32 0.00	16.23 -0.28 0.00	19.23 -0.14 0.00	24.68 -0.16 0.00	26.82 -0.39 0.00	27.81 -0.50 0.00	26.45 -0.62 0.00	26.76 -0.64 0.00	29.44 -1.04 0.00	33.81 -1.06 0.00	36.16 -1.52 0.00	36.50 -1.67 0.00	40.41 -1.85 0.00	49.09 -2.30 0.00	43.82 -1.80 0.00	27.75 -1.08 0.00	24.89 -0.72 0.00
DUNKIRK___4 23566	14.06 -0.31 0.00	14.23 -0.21 0.00	14.20 -0.47 0.00	11.43 -0.27 0.00	13.67 -0.23 0.00	21.17 -0.58 0.00	22.27 -0.71 0.00	21.92 -0.32 0.00	16.23 -0.28 0.00	19.23 -0.14 0.00	24.68 -0.16 0.00	26.82 -0.39 0.00	27.81 -0.50 0.00	26.45 -0.62 0.00	26.76 -0.64 0.00	29.44 -1.04 0.00	33.81 -1.06 0.00	36.16 -1.52 0.00	36.50 -1.67 0.00	40.41 -1.85 0.00	49.09 -2.30 0.00	43.82 -1.80 0.00	27.75 -1.08 0.00	24.89 -0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	15.16 0.79 0.00	15.29 0.85 0.00	15.48 0.81 0.00	12.39 0.69 0.00	14.62 0.72 0.00	22.63 0.87 0.00	23.75 0.77 0.00	23.10 0.86 0.00	17.32 0.81 0.00	20.41 1.05 0.00	26.19 1.35 0.00	28.82 1.61 0.00	30.06 1.74 0.00	28.81 1.74 0.00	29.20 1.80 0.00	32.49 2.02 0.00	36.96 2.09 0.00	39.76 2.08 0.00	40.10 1.93 0.00	44.11 1.85 0.00	53.61 2.22 0.00	47.27 1.65 0.00	30.00 1.17 0.00	26.79 1.18 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	15.05 0.68 0.00	15.17 0.73 0.00	15.37 0.70 0.00	12.30 0.60 0.00	14.52 0.62 0.00	22.49 0.74 0.00	23.63 0.65 0.00	22.96 0.72 0.00	17.16 0.65 0.00	20.20 0.83 0.00	25.91 1.07 0.00	28.48 1.27 0.00	29.69 1.38 0.00	28.47 1.40 0.00	28.86 1.46 0.00	32.13 1.65 0.00	36.63 1.75 0.00	39.46 1.78 0.00	39.85 1.69 0.00	43.87 1.61 0.00	53.31 1.92 0.00	47.07 1.45 0.00	29.87 1.04 0.00	26.67 1.06 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	15.20 0.84 0.00	15.32 0.88 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.90 0.00	23.75 0.76 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.47 1.10 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.18 1.87 0.00	28.93 1.86 0.00	29.30 1.90 0.00	32.63 2.15 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.20 2.03 0.00	44.18 1.93 0.00	53.66 2.28 0.00	47.44 1.81 0.00	30.07 1.24 0.00	26.89 1.28 0.00

E179THST_13_KV_LOAD 356214	15.26 0.90 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.77 0.00	14.70 0.80 0.00	22.74 0.99 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.45 0.94 0.00	20.56 1.19 0.00	26.39 1.55 0.00	29.05 1.84 0.00	30.32 2.00 0.00	29.05 1.98 0.00	29.43 2.03 0.00	32.77 2.30 0.00	37.24 2.36 0.00	40.04 2.35 0.00	40.38 2.22 0.00	44.39 2.13 0.00	53.91 2.52 0.00	47.64 2.02 0.00	30.21 1.38 0.00	27.00 1.39 0.00
EAST HAMPTON___GT 23717	10.68 1.81 5.49	14.32 1.63 1.75	16.11 1.44 0.00	13.00 1.30 0.00	15.35 1.45 0.00	23.76 2.01 0.00	24.96 1.98 0.00	24.26 2.02 0.00	18.26 1.75 0.00	21.52 2.15 0.00	27.63 2.80 0.00	30.44 3.23 0.00	36.03 3.55 -4.16	30.43 3.35 0.00	34.35 3.50 -3.45	40.20 3.94 -5.78	38.18 3.30 0.00	40.09 2.40 0.00	39.80 1.63 0.00	43.38 1.12 0.00	54.13 2.74 0.00	47.49 1.86 0.00	30.22 1.39 0.00	27.16 1.56 0.00
EAST RIVER___6 23660	15.19 0.82 0.00	15.32 0.88 0.00	15.50 0.84 0.00	12.42 0.72 0.00	14.64 0.74 0.00	22.64 0.89 0.00	23.77 0.79 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.50 1.13 0.00	26.29 1.46 0.00	28.95 1.73 0.00	30.20 1.88 0.00	28.95 1.88 0.00	29.33 1.93 0.00	32.63 2.16 0.00	37.12 2.25 0.00	39.91 2.22 0.00	40.23 2.06 0.00	44.22 1.96 0.00	53.67 2.29 0.00	47.33 1.71 0.00	30.07 1.24 0.00	26.85 1.24 0.00
EAST RIVER___7 23524	15.19 0.82 0.00	15.32 0.88 0.00	15.50 0.84 0.00	12.42 0.72 0.00	14.64 0.74 0.00	22.64 0.89 0.00	23.77 0.79 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.50 1.13 0.00	26.29 1.46 0.00	28.95 1.73 0.00	30.20 1.88 0.00	28.95 1.88 0.00	29.33 1.93 0.00	32.63 2.16 0.00	37.12 2.25 0.00	39.91 2.22 0.00	40.23 2.06 0.00	44.22 1.96 0.00	53.67 2.29 0.00	47.33 1.71 0.00	30.07 1.24 0.00	26.85 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	15.12 0.76 0.00	15.25 0.81 0.00	15.45 0.78 0.00	12.36 0.66 0.00	14.59 0.69 0.00	22.57 0.82 0.00	23.70 0.72 0.00	23.05 0.81 0.00	17.27 0.76 0.00	20.36 0.99 0.00	26.11 1.27 0.00	28.74 1.53 0.00	29.97 1.65 0.00	28.72 1.65 0.00	29.10 1.71 0.00	32.40 1.92 0.00	36.86 1.99 0.00	39.66 1.97 0.00	40.00 1.84 0.00	43.98 1.72 0.00	53.43 2.04 0.00	47.15 1.53 0.00	29.94 1.11 0.00	26.74 1.13 0.00
EAST_HAMPTON___DIESEL 23722	10.69 1.81 5.49	14.32 1.63 1.75	16.10 1.43 0.00	13.00 1.30 0.00	15.35 1.45 0.00	23.76 2.01 0.00	24.96 1.98 0.00	24.26 2.02 0.00	18.26 1.75 0.00	21.53 2.16 0.00	27.65 2.81 0.00	30.45 3.24 0.00	36.04 3.56 -4.16	30.43 3.36 0.00	34.34 3.49 -3.45	40.20 3.94 -5.78	38.14 3.26 0.00	39.99 2.30 0.00	39.66 1.50 0.00	43.24 0.99 0.00	53.97 2.58 0.00	47.36 1.73 0.00	30.14 1.31 0.00	27.09 1.48 0.00
EAST_POINT___SOLAR 323840	15.06 0.70 0.00	15.12 0.68 0.00	15.31 0.65 0.00	12.19 0.50 0.00	14.58 0.67 0.00	22.86 1.11 0.00	23.87 0.89 0.00	22.60 0.36 0.00	16.39 -0.12 0.00	19.08 -0.29 0.00	24.48 -0.36 0.00	26.78 -0.43 0.00	27.83 -0.49 0.00	26.62 -0.45 0.00	27.08 -0.33 0.00	30.38 -0.09 0.00	35.07 0.20 0.00	38.58 0.89 0.00	39.78 1.62 0.00	44.55 2.29 0.00	54.49 3.10 0.00	48.61 2.98 0.00	30.58 1.75 0.00	27.04 1.43 0.00
EAST_PULASKI___ESR 323781	14.00 -0.37 0.00	14.09 -0.35 0.00	14.23 -0.44 0.00	11.24 -0.30 0.16	13.60 -0.31 0.00	21.18 -0.57 0.00	22.28 -0.70 0.00	21.50 -0.74 0.00	15.87 -0.64 0.00	18.57 -0.79 0.00	23.82 -1.02 0.00	26.10 -1.12 0.00	27.14 -1.18 0.00	25.94 -1.13 0.00	26.25 -1.15 0.00	29.16 -1.32 0.00	33.49 -1.39 0.00	36.36 -1.33 0.00	37.02 -1.14 0.00	41.21 -1.05 0.00	50.26 -1.12 0.00	44.72 -0.90 0.00	28.23 -0.60 0.00	25.06 -0.55 0.00
EAST_RIVER___1 323558	15.20 0.84 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.39 0.88 0.00	20.51 1.14 0.00	26.31 1.47 0.00	28.96 1.75 0.00	30.21 1.89 0.00	28.96 1.89 0.00	29.35 1.95 0.00	32.66 2.18 0.00	37.15 2.27 0.00	39.93 2.24 0.00	40.26 2.09 0.00	44.22 1.97 0.00	53.72 2.33 0.00	47.38 1.75 0.00	30.08 1.25 0.00	26.87 1.25 0.00
EAST_RIVER___2 323559	15.19 0.82 0.00	15.32 0.88 0.00	15.50 0.84 0.00	12.42 0.72 0.00	14.64 0.74 0.00	22.64 0.89 0.00	23.77 0.79 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.50 1.13 0.00	26.29 1.46 0.00	28.95 1.73 0.00	30.20 1.88 0.00	28.95 1.88 0.00	29.33 1.93 0.00	32.63 2.16 0.00	37.12 2.25 0.00	39.91 2.22 0.00	40.23 2.06 0.00	44.22 1.96 0.00	53.67 2.29 0.00	47.33 1.71 0.00	30.07 1.24 0.00	26.85 1.24 0.00
EAST___DELAWARE_HYD 23607	14.81 0.44 0.00	14.92 0.48 0.00	15.12 0.45 0.00	12.10 0.40 0.00	14.29 0.39 0.00	22.16 0.41 0.00	23.31 0.32 0.00	22.65 0.41 0.00	16.90 0.39 0.00	19.85 0.49 0.00	25.43 0.59 0.00	27.91 0.70 0.00	29.09 0.78 0.00	27.90 0.82 0.00	28.30 0.90 0.00	31.52 1.05 0.00	36.00 1.13 0.00	38.88 1.19 0.00	39.32 1.15 0.00	43.36 1.10 0.00	52.68 1.29 0.00	46.52 0.89 0.00	29.48 0.65 0.00	26.28 0.67 0.00
EIGHT_POINT___WT_PWR 323820	14.26 -0.10 0.00	14.44 0.00 0.00	14.46 -0.21 0.00	11.67 -0.03 0.00	13.96 0.06 0.00	21.66 -0.10 0.00	22.74 -0.24 0.00	22.49 -0.05 -0.30	16.95 0.44 0.00	19.64 0.27 0.00	25.07 0.23 0.00	27.19 -0.02 0.00	28.19 -0.13 0.00	26.75 -0.32 0.00	27.09 -0.31 0.00	29.88 -0.60 0.00	34.33 -0.54 0.00	37.20 -0.48 0.00	37.76 -0.41 0.00	42.07 -0.18 0.00	50.94 -0.45 0.00	45.03 -0.60 0.00	28.30 -0.53 0.00	25.30 -0.31 0.00
ELBRIDGE_115KV_TB2 80188	14.02 -0.34 0.00	14.11 -0.33 0.00	14.28 -0.39 0.00	11.43 -0.27 0.00	13.61 -0.29 0.00	21.18 -0.57 0.00	22.36 -0.63 0.00	21.66 -0.58 0.00	16.00 -0.51 0.00	18.73 -0.63 0.00	24.02 -0.82 0.00	26.27 -0.94 0.00	27.34 -0.98 0.00	26.13 -0.93 0.00	26.49 -0.91 0.00	29.47 -1.01 0.00	33.82 -1.05 0.00	36.60 -1.08 0.00	37.11 -1.06 0.00	41.05 -1.21 0.00	49.91 -1.48 0.00	44.31 -1.32 0.00	28.04 -0.79 0.00	24.93 -0.68 0.00
ELEC_TRO_TEK 24086	48.59 1.01 -33.22	23.49 0.98 -8.07	15.56 0.89 0.00	12.46 0.77 0.00	14.71 0.80 0.00	22.79 1.04 0.00	23.89 0.91 0.00	23.17 0.93 0.00	17.39 0.88 0.00	20.48 1.11 0.00	26.36 1.52 0.00	29.08 1.87 0.00	41.73 2.06 -11.36	29.07 2.00 0.00	35.66 2.11 -6.15	43.13 2.36 -10.29	37.15 2.27 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.12 1.86 0.00	53.87 2.48 0.00	47.43 1.81 0.00	30.20 1.37 0.00	27.06 1.45 0.00
ELLENBURG_WT_PWR 323604	14.02 -0.34 0.00	14.03 -0.41 0.00	14.24 -0.43 0.00	8.58 -0.40 2.72	13.49 -0.42 0.00	21.38 -0.37 0.00	22.80 -0.18 0.00	22.27 0.03 0.00	16.61 0.10 0.00	19.54 0.18 0.00	25.06 0.22 0.00	27.40 0.19 0.00	28.53 0.21 0.00	27.21 0.14 0.00	27.52 0.12 0.00	30.48 0.00 0.00	34.93 0.06 0.00	37.84 0.15 0.00	38.29 0.13 0.00	42.62 0.37 0.00	51.96 0.58 0.00	46.32 0.69 0.00	29.04 0.21 0.00	25.58 -0.03 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	13.91 -0.45 0.00	14.07 -0.37 0.00	14.03 -0.64 0.00	11.29 -0.41 0.00	13.55 -0.35 0.00	20.95 -0.80 0.00	22.00 -0.99 0.00	21.64 -0.60 0.00	16.02 -0.49 0.00	18.94 -0.43 0.00	24.32 -0.52 0.00	26.44 -0.77 0.00	27.43 -0.88 0.00	26.11 -0.97 0.00	26.43 -0.97 0.00	29.10 -1.38 0.00	33.39 -1.49 0.00	35.59 -2.09 0.00	35.94 -2.23 0.00	39.85 -2.41 0.00	48.36 -3.02 0.00	43.30 -2.32 0.00	27.43 -1.40 0.00	24.60 -1.01 0.00
EMPIRE_CC_1 323656	14.61 0.25 0.00	14.71 0.28 0.00	14.97 0.30 0.00	11.94 0.24 0.00	14.19 0.29 0.00	21.99 0.24 0.00	23.05 0.07 0.00	22.06 -0.18 0.00	16.28 -0.23 0.00	19.02 -0.34 0.00	24.51 -0.32 0.00	26.84 -0.37 0.00	27.89 -0.43 0.00	26.68 -0.39 0.00	26.96 -0.44 0.00	30.05 -0.42 0.00	34.34 -0.53 0.00	37.23 -0.46 0.00	37.80 -0.36 0.00	41.90 -0.35 0.00	50.88 -0.50 0.00	45.08 -0.54 0.00	28.81 -0.02 0.00	25.87 0.26 0.00
EMPIRE_CC_2 323658	14.61 0.25 0.00	14.71 0.28 0.00	14.97 0.30 0.00	11.94 0.24 0.00	14.19 0.29 0.00	21.99 0.24 0.00	23.05 0.07 0.00	22.06 -0.18 0.00	16.28 -0.23 0.00	19.02 -0.34 0.00	24.51 -0.32 0.00	26.84 -0.37 0.00	27.89 -0.43 0.00	26.68 -0.39 0.00	26.96 -0.44 0.00	30.05 -0.42 0.00	34.34 -0.53 0.00	37.23 -0.46 0.00	37.80 -0.36 0.00	41.90 -0.35 0.00	50.88 -0.50 0.00	45.08 -0.54 0.00	28.81 -0.02 0.00	25.87 0.26 0.00
ENORWICH_115KV_TB1 80156	15.11 0.74 0.00	15.25 0.81 0.00	15.42 0.75 0.00	12.38 0.69 0.00	14.74 0.84 0.00	22.99 1.24 0.00	24.27 1.29 0.00	23.45 1.21 0.00	17.15 0.64 0.00	20.00 0.63 0.00	25.50 0.66 0.00	27.83 0.62 0.00	28.99 0.68 0.00	27.70 0.63 0.00	28.12 0.72 0.00	31.37 0.89 0.00	36.16 1.28 0.00	39.41 1.72 0.00	40.34 2.17 0.00	44.83 2.57 0.00	54.64 3.25 0.00	48.36 2.74 0.00	30.28 1.45 0.00	26.86 1.25 0.00
ERIE_ST__34_KV_TB1-2 80199	14.11 -0.26 0.00	14.26 -0.18 0.00	14.22 -0.44 0.00	11.45 -0.25 0.00	13.73 -0.18 0.00	21.25 -0.50 0.00	22.35 -0.64 0.00	22.03 -0.21 0.00	16.30 -0.21 0.00	19.24 -0.13 0.00	24.69 -0.15 0.00	26.83 -0.37 0.00	27.87 -0.45 0.00	26.50 -0.57 0.00	26.83 -0.57 0.00	29.52 -0.96 0.00	33.94 -0.94 0.00	36.24 -1.44 0.00	36.60 -1.56 0.00	40.59 -1.66 0.00	49.26 -2.12 0.00	44.06 -1.57 0.00	27.88 -0.95 0.00	24.98 -0.63 0.00
ERIE_WT_PWR 323693	13.97 -0.36 0.03	14.16 -0.28 0.00	14.11 -0.55 0.00	11.36 -0.33 0.00	13.62 -0.27 0.02	20.86 -0.66 0.24	21.85 -0.83 0.30	20.90 -0.42 0.92	16.14 -0.38 0.00	19.05 -0.32 0.00	24.45 -0.39 0.00	26.59 -0.62 0.00	27.59 -0.73 0.00	26.25 -0.82 0.00	26.57 -0.84 0.00	29.26 -1.22 0.00	33.60 -1.28 0.00	35.87 -1.82 0.00	36.22 -1.94 0.00	40.15 -2.11 0.00	48.74 -2.65 0.00	43.62 -2.01 0.00	27.63 -1.21 0.00	24.76 -0.85 0.00
ESPRGFLD_115KV_TB1 80157	14.86 0.50 0.00	14.95 0.51 0.00	15.13 0.46 0.00	12.07 0.37 0.00	14.40 0.50 0.00	22.54 0.79 0.00	23.80 0.82 0.00	23.10 0.86 0.00	17.11 0.60 0.00	20.03 0.66 0.00	25.72 0.88 0.00	28.13 0.92 0.00	29.25 0.94 0.00	27.97 0.90 0.00	28.42 1.02 0.00	31.62 1.14 0.00	36.25 1.37 0.00	39.22 1.53 0.00	39.78 1.61 0.00	44.12 1.86 0.00	53.72 2.34 0.00	47.88 2.26 0.00	30.13 1.30 0.00	26.62 1.01 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	14.48 0.12 0.00	14.60 0.16 0.00	14.77 0.10 0.00	11.83 0.13 0.00	14.07 0.17 0.00	21.91 0.16 0.00	23.09 0.11 0.00	22.39 0.15 0.00	16.49 -0.02 0.00	19.27 -0.10 0.00	24.62 -0.22 0.00	26.90 -0.31 0.00	28.01 -0.31 0.00	26.77 -0.30 0.00	27.15 -0.25 0.00	30.25 -0.23 0.00	34.75 -0.12 0.00	37.68 -0.01 0.00	38.33 0.17 0.00	42.49 0.24 0.00	51.75 0.36 0.00	45.89 0.26 0.00	28.97 0.14 0.00	25.76 0.15 0.00
ETNA____115KV_TB2 80207	14.48 0.12 0.00	14.60 0.16 0.00	14.77 0.10 0.00	11.83 0.13 0.00	14.07 0.17 0.00	21.91 0.16 0.00	23.09 0.11 0.00	22.39 0.15 0.00	16.49 -0.02 0.00	19.27 -0.10 0.00	24.62 -0.22 0.00	26.90 -0.31 0.00	28.01 -0.31 0.00	26.77 -0.30 0.00	27.15 -0.25 0.00	30.25 -0.23 0.00	34.75 -0.12 0.00	37.68 -0.01 0.00	38.33 0.17 0.00	42.49 0.24 0.00	51.75 0.36 0.00	45.89 0.26 0.00	28.97 0.14 0.00	25.76 0.15 0.00
EUCLID____115KV_TB2 356179	14.08 -0.28 0.00	14.19 -0.24 0.00	14.36 -0.31 0.00	11.49 -0.21 0.00	13.67 -0.23 0.00	21.29 -0.46 0.00	22.44 -0.54 0.00	21.73 -0.50 0.00	16.08 -0.43 0.00	18.85 -0.52 0.00	24.18 -0.66 0.00	26.47 -0.74 0.00	27.54 -0.78 0.00	26.33 -0.74 0.00	26.68 -0.72 0.00	29.68 -0.80 0.00	34.03 -0.85 0.00	36.76 -0.93 0.00	37.26 -0.91 0.00	41.26 -1.00 0.00	50.16 -1.22 0.00	44.52 -1.10 0.00	28.16 -0.67 0.00	25.08 -0.54 0.00
E_CANADA_CAP_HY 24051	14.93 0.57 0.00	14.99 0.55 0.00	15.17 0.50 0.00	12.09 0.39 0.00	14.43 0.53 0.00	22.65 0.90 0.00	23.89 0.90 0.00	23.02 0.78 0.00	16.95 0.44 0.00	19.82 0.45 0.00	25.48 0.64 0.00	27.85 0.64 0.00	28.95 0.63 0.00	27.67 0.60 0.00	28.09 0.69 0.00	31.30 0.82 0.00	35.89 1.02 0.00	39.01 1.32 0.00	39.72 1.56 0.00	44.26 2.00 0.00	54.00 2.61 0.00	48.34 2.71 0.00	30.42 1.59 0.00	26.86 1.25 0.00
E_CANADA_MHWK_HY 24050	14.42 0.05 0.00	14.53 0.09 0.00	14.79 0.12 0.00	11.98 0.14 -0.14	14.02 0.12 0.00	21.76 0.00 0.00	22.86 -0.12 0.00	21.68 -0.56 0.00	15.86 -0.65 0.00	18.39 -0.97 0.00	23.53 -1.31 0.00	25.80 -1.42 0.00	26.93 -1.39 0.00	25.80 -1.28 0.00	26.02 -1.38 0.00	29.08 -1.40 0.00	33.41 -1.46 0.00	36.57 -1.11 0.00	37.53 -0.63 0.00	41.76 -0.49 0.00	50.93 -0.45 0.00	45.10 -0.53 0.00	28.62 -0.20 0.00	25.66 0.06 0.00
E_FISHKILL___LBMP 23776	15.00 0.64 0.00	15.13 0.69 0.00	15.33 0.66 0.00	12.27 0.57 0.00	14.49 0.59 0.00	22.44 0.69 0.00	23.55 0.57 0.00	22.87 0.63 0.00	17.11 0.60 0.00	20.13 0.76 0.00	25.82 0.98 0.00	28.39 1.19 0.00	29.60 1.28 0.00	28.36 1.29 0.00	28.74 1.34 0.00	31.99 1.51 0.00	36.43 1.56 0.00	39.24 1.55 0.00	39.61 1.45 0.00	43.61 1.36 0.00	52.98 1.59 0.00	46.81 1.18 0.00	29.75 0.92 0.00	26.57 0.96 0.00
FALCON___SEABRD_CC1 323796	14.19 -0.18 0.00	14.19 -0.25 0.00	14.39 -0.28 0.00	8.71 -0.28 2.72	13.62 -0.29 0.00	21.57 -0.18 0.00	23.01 0.03 0.00	22.49 0.25 0.00	16.76 0.25 0.00	19.76 0.39 0.00	25.35 0.51 0.00	27.69 0.48 0.00	28.87 0.55 0.00	27.55 0.48 0.00	27.86 0.46 0.00	30.79 0.32 0.00	35.31 0.43 0.00	38.30 0.62 0.00	38.82 0.65 0.00	43.24 0.98 0.00	52.74 1.35 0.00	46.90 1.27 0.00	29.40 0.57 0.00	25.93 0.33 0.00
FALCON___SEABRD_CC2 323797	14.19 -0.18 0.00	14.19 -0.25 0.00	14.39 -0.28 0.00	8.71 -0.28 2.72	13.62 -0.29 0.00	21.57 -0.18 0.00	23.01 0.03 0.00	22.49 0.25 0.00	16.76 0.25 0.00	19.76 0.39 0.00	25.35 0.51 0.00	27.69 0.48 0.00	28.87 0.55 0.00	27.55 0.48 0.00	27.86 0.46 0.00	30.79 0.32 0.00	35.31 0.43 0.00	38.30 0.62 0.00	38.82 0.65 0.00	43.24 0.98 0.00	52.74 1.35 0.00	46.90 1.27 0.00	29.40 0.57 0.00	25.93 0.33 0.00

FAR ROCKAWAY___4 23548	104.65 1.18 -89.10	38.20 1.14 -22.61	15.72 1.05 0.00	12.60 0.89 0.00	14.86 0.95 0.00	23.03 1.28 0.00	24.15 1.16 0.00	23.42 1.18 0.00	17.58 1.07 0.00	20.70 1.33 0.00	26.68 1.84 0.00	29.43 2.21 0.00	46.17 2.42 -15.43	29.44 2.36 0.00	35.48 2.46 -5.62	42.63 2.74 -9.41	37.63 2.75 0.00	40.37 2.68 0.00	40.69 2.53 0.00	44.66 2.41 0.00	54.54 3.15 0.00	48.03 2.40 0.00	30.55 1.72 0.00	27.35 1.73 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	15.20 0.84 0.00	15.34 0.90 0.00	15.52 0.86 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.66 0.91 0.00	23.79 0.81 0.00	23.17 0.93 0.00	17.39 0.88 0.00	20.52 1.15 0.00	26.32 1.48 0.00	28.97 1.76 0.00	30.22 1.90 0.00	28.98 1.91 0.00	29.35 1.96 0.00	32.67 2.19 0.00	37.16 2.28 0.00	39.95 2.26 0.00	40.26 2.10 0.00	44.25 2.00 0.00	53.72 2.33 0.00	47.38 1.75 0.00	30.09 1.26 0.00	26.87 1.26 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.43 0.73 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.79 0.81 0.00	23.16 0.92 0.00	17.39 0.88 0.00	20.51 1.14 0.00	26.31 1.47 0.00	28.96 1.75 0.00	30.21 1.89 0.00	28.96 1.89 0.00	29.35 1.95 0.00	32.66 2.18 0.00	37.15 2.27 0.00	39.94 2.25 0.00	40.26 2.09 0.00	44.22 1.97 0.00	53.71 2.33 0.00	47.38 1.75 0.00	30.09 1.26 0.00	26.87 1.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	15.20 0.84 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.39 0.88 0.00	20.51 1.14 0.00	26.31 1.47 0.00	28.96 1.75 0.00	30.21 1.89 0.00	28.96 1.89 0.00	29.35 1.95 0.00	32.66 2.18 0.00	37.15 2.27 0.00	39.93 2.25 0.00	40.26 2.09 0.00	44.22 1.97 0.00	53.70 2.31 0.00	47.35 1.73 0.00	30.08 1.25 0.00	26.86 1.25 0.00
FARRAGUT___LBMP 323566	15.18 0.82 0.00	15.32 0.88 0.00	15.50 0.84 0.00	12.42 0.72 0.00	14.64 0.74 0.00	22.64 0.88 0.00	23.77 0.78 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.28 1.44 0.00	28.93 1.72 0.00	30.18 1.86 0.00	28.93 1.86 0.00	29.32 1.92 0.00	32.62 2.14 0.00	37.10 2.23 0.00	39.89 2.21 0.00	40.21 2.05 0.00	44.18 1.92 0.00	53.66 2.27 0.00	47.33 1.70 0.00	30.06 1.22 0.00	26.84 1.23 0.00
FENNER___WINDPWR 24204	14.50 0.14 0.00	14.61 0.17 0.00	14.79 0.12 0.00	11.83 0.13 0.00	14.07 0.17 0.00	21.96 0.21 0.00	23.16 0.18 0.00	22.36 0.12 0.00	16.51 0.00 0.00	19.32 -0.05 0.00	24.75 -0.08 0.00	27.08 -0.13 0.00	28.18 -0.13 0.00	26.94 -0.13 0.00	27.31 -0.09 0.00	30.40 -0.08 0.00	34.92 0.05 0.00	37.89 0.20 0.00	38.55 0.39 0.00	42.76 0.51 0.00	52.04 0.65 0.00	46.17 0.54 0.00	29.12 0.30 0.00	25.89 0.27 0.00
FIBERTEK___ENERGY 23856	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.71 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
FITZPATRICK___ 23598	13.81 -0.55 0.00	13.91 -0.53 0.00	14.07 -0.59 0.00	11.26 -0.44 0.00	13.40 -0.50 0.00	20.88 -0.87 0.00	22.01 -0.97 0.00	21.33 -0.91 0.00	15.79 -0.72 0.00	18.52 -0.85 0.00	23.74 -1.10 0.00	25.99 -1.22 0.00	27.04 -1.28 0.00	25.84 -1.23 0.00	26.17 -1.23 0.00	29.11 -1.37 0.00	33.36 -1.52 0.00	36.04 -1.65 0.00	36.51 -1.65 0.00	40.44 -1.82 0.00	49.16 -2.22 0.00	43.67 -1.96 0.00	27.62 -1.21 0.00	24.58 -1.03 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	15.17 0.80 0.00	15.28 0.84 0.00	15.49 0.82 0.00	12.39 0.70 0.00	14.64 0.74 0.00	22.68 0.93 0.00	23.83 0.85 0.00	23.15 0.91 0.00	17.31 0.80 0.00	20.36 0.99 0.00	26.12 1.28 0.00	28.71 1.50 0.00	29.94 1.62 0.00	28.71 1.64 0.00	29.11 1.71 0.00	32.42 1.94 0.00	36.96 2.08 0.00	39.84 2.15 0.00	40.23 2.06 0.00	44.29 2.03 0.00	53.82 2.43 0.00	47.49 1.87 0.00	30.14 1.31 0.00	26.89 1.28 0.00
FORT ORANGE___ 23900	14.60 0.23 0.00	14.70 0.26 0.00	14.94 0.27 0.00	11.93 0.23 0.00	14.16 0.26 0.00	21.97 0.22 0.00	23.10 0.12 0.00	22.17 -0.07 0.00	16.39 -0.12 0.00	19.16 -0.21 0.00	24.60 -0.24 0.00	26.97 -0.25 0.00	28.03 -0.28 0.00	26.83 -0.24 0.00	27.15 -0.25 0.00	30.26 -0.21 0.00	34.60 -0.27 0.00	37.52 -0.17 0.00	38.10 -0.07 0.00	42.23 -0.03 0.00	51.33 -0.05 0.00	45.46 -0.17 0.00	28.92 0.09 0.00	25.89 0.28 0.00
FORT_DRUM_COGEN 23780	14.07 -0.29 0.00	14.15 -0.29 0.00	14.25 -0.42 0.00	10.89 -0.27 0.53	13.73 -0.18 0.00	21.48 -0.28 0.00	22.53 -0.45 0.00	21.49 -0.75 0.00	15.83 -0.68 0.00	18.49 -0.88 0.00	23.65 -1.19 0.00	25.91 -1.30 0.00	26.98 -1.34 0.00	25.76 -1.31 0.00	25.99 -1.41 0.00	28.82 -1.66 0.00	33.26 -1.62 0.00	36.40 -1.29 0.00	37.46 -0.71 0.00	42.20 -0.06 0.00	51.83 0.45 0.00	46.26 0.63 0.00	28.97 0.14 0.00	25.56 -0.05 0.00
FOX_HILLS___ESR 323835	15.29 0.93 0.00	15.42 0.98 0.00	15.61 0.94 0.00	12.51 0.81 0.00	14.74 0.84 0.00	22.80 1.05 0.00	23.92 0.93 0.00	23.29 1.05 0.00	17.46 0.95 0.00	20.55 1.18 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.28 1.96 0.00	29.04 1.97 0.00	29.42 2.02 0.00	32.74 2.26 0.00	37.24 2.37 0.00	40.06 2.37 0.00	40.38 2.21 0.00	44.37 2.11 0.00	53.85 2.46 0.00	47.51 1.88 0.00	30.19 1.36 0.00	26.99 1.38 0.00
FPL_FAR_ROCK_GT1 24212	104.64 1.18 -89.10	38.20 1.14 -22.61	15.72 1.05 0.00	12.60 0.89 0.00	14.86 0.95 0.00	23.03 1.28 0.00	24.14 1.16 0.00	23.42 1.18 0.00	17.58 1.07 0.00	20.70 1.33 0.00	26.69 1.84 0.00	29.43 2.21 0.00	46.17 2.42 -15.43	29.43 2.36 0.00	35.48 2.46 -5.62	42.63 2.74 -9.41	37.63 2.75 0.00	40.36 2.67 0.00	40.69 2.53 0.00	44.66 2.41 0.00	54.54 3.16 0.00	48.03 2.40 0.00	30.55 1.72 0.00	27.35 1.73 0.00
FPL_FAR_ROCK_GT2 23815	104.64 1.18 -89.10	38.20 1.14 -22.61	15.72 1.05 0.00	12.60 0.89 0.00	14.86 0.95 0.00	23.03 1.28 0.00	24.14 1.16 0.00	23.42 1.18 0.00	17.58 1.07 0.00	20.70 1.33 0.00	26.69 1.84 0.00	29.43 2.21 0.00	46.17 2.42 -15.43	29.43 2.36 0.00	35.48 2.46 -5.62	42.63 2.74 -9.41	37.63 2.75 0.00	40.36 2.67 0.00	40.69 2.53 0.00	44.66 2.41 0.00	54.54 3.16 0.00	48.03 2.40 0.00	30.55 1.72 0.00	27.35 1.73 0.00
FRANKLIN_FALL_HYD 24054	13.98 -0.39 0.00	13.98 -0.46 0.00	14.19 -0.48 0.00	8.72 -0.44 2.54	13.46 -0.45 0.00	21.37 -0.38 0.00	22.80 -0.18 0.00	22.20 -0.04 0.00	16.52 0.01 0.00	19.39 0.03 0.00	24.86 0.02 0.00	27.21 0.00 0.00	28.31 0.00 0.00	26.97 -0.10 0.00	27.28 -0.12 0.00	30.24 -0.24 0.00	34.66 -0.21 0.00	37.53 -0.16 0.00	37.99 -0.18 0.00	42.44 0.18 0.00	51.84 0.46 0.00	46.35 0.72 0.00	28.96 0.13 0.00	25.43 -0.18 0.00

FREEMONT___GT1 23764	42.11 1.12 -26.63	22.05 1.09 -6.53	15.66 0.99 0.00	12.55 0.85 0.00	14.80 0.90 0.00	22.94 1.19 0.00	24.04 1.05 0.00	23.23 0.99 0.00	17.44 0.93 0.00	20.51 1.14 0.00	26.35 1.51 0.00	29.19 1.98 0.00	39.54 2.17 -9.05	29.19 2.12 0.00	34.37 2.24 -4.72	40.91 2.52 -7.91	37.29 2.41 0.00	40.02 2.33 0.00	40.37 2.21 0.00	44.29 2.03 0.00	54.12 2.74 0.00	47.77 2.14 0.00	30.44 1.61 0.00	27.29 1.68 0.00
FREEPORT___CT2 23818	42.11 1.12 -26.63	22.05 1.09 -6.53	15.66 0.99 0.00	12.55 0.85 0.00	14.80 0.90 0.00	22.94 1.19 0.00	24.04 1.05 0.00	23.23 0.99 0.00	17.44 0.93 0.00	20.51 1.14 0.00	26.35 1.51 0.00	29.19 1.98 0.00	39.54 2.17 -9.05	29.19 2.12 0.00	34.37 2.24 -4.72	40.91 2.52 -7.91	37.29 2.41 0.00	40.02 2.33 0.00	40.37 2.21 0.00	44.29 2.03 0.00	54.12 2.74 0.00	47.77 2.14 0.00	30.44 1.61 0.00	27.29 1.68 0.00
FRESHKLS_33_KV_LOAD 356253	15.30 0.93 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.52 0.82 0.00	14.75 0.84 0.00	22.81 1.06 0.00	23.94 0.95 0.00	23.29 1.05 0.00	17.45 0.94 0.00	20.52 1.15 0.00	26.32 1.48 0.00	28.97 1.76 0.00	30.23 1.92 0.00	29.02 1.95 0.00	29.39 1.99 0.00	32.72 2.24 0.00	37.21 2.33 0.00	40.04 2.35 0.00	40.37 2.20 0.00	44.37 2.11 0.00	53.85 2.46 0.00	47.51 1.88 0.00	30.20 1.37 0.00	26.99 1.38 0.00
FULTON COGEN____ 23766	13.92 -0.44 0.00	14.02 -0.42 0.00	14.18 -0.49 0.00	11.35 -0.35 0.00	13.50 -0.40 0.00	21.04 -0.71 0.00	22.19 -0.80 0.00	21.48 -0.75 0.00	15.88 -0.63 0.00	18.61 -0.76 0.00	23.87 -0.97 0.00	26.08 -1.13 0.00	27.15 -1.17 0.00	25.96 -1.12 0.00	26.30 -1.10 0.00	29.27 -1.21 0.00	33.58 -1.30 0.00	36.34 -1.35 0.00	36.87 -1.30 0.00	40.85 -1.40 0.00	49.68 -1.71 0.00	44.09 -1.53 0.00	27.87 -0.96 0.00	24.79 -0.82 0.00
FULTON___LFGE 323630	14.97 0.61 0.00	15.05 0.61 0.00	15.25 0.58 0.00	12.17 0.47 0.00	14.50 0.60 0.00	22.69 0.94 0.00	23.85 0.87 0.00	22.73 0.50 0.00	16.60 0.09 0.00	19.32 -0.04 0.00	24.76 -0.07 0.00	27.09 -0.12 0.00	28.15 -0.16 0.00	26.91 -0.15 0.00	27.31 -0.09 0.00	30.52 0.04 0.00	35.29 0.41 0.00	38.56 0.87 0.00	39.52 1.36 0.00	44.20 1.94 0.00	53.95 2.57 0.00	48.07 2.44 0.00	30.30 1.47 0.00	26.84 1.23 0.00
G.F.CEMENT___DRP 24184	14.94 0.57 0.00	15.07 0.63 0.00	15.30 0.63 0.00	12.22 0.52 0.00	14.53 0.62 0.00	22.62 0.87 0.00	23.99 1.01 0.00	22.86 0.61 0.00	16.81 0.30 0.00	19.72 0.36 0.00	25.06 0.22 0.00	27.38 0.17 0.00	28.41 0.09 0.00	27.03 -0.04 0.00	27.24 -0.17 0.00	30.28 -0.20 0.00	34.89 0.01 0.00	38.07 0.38 0.00	38.82 0.66 0.00	43.07 0.82 0.00	52.48 1.10 0.00	46.47 0.84 0.00	29.40 0.57 0.00	26.50 0.89 0.00
GARDENVILLE___LBMP 24039	13.97 -0.40 0.00	14.13 -0.31 0.00	14.09 -0.58 0.00	11.34 -0.35 0.00	13.61 -0.29 0.00	21.06 -0.70 0.00	22.11 -0.87 0.00	21.74 -0.50 0.00	16.06 -0.45 0.00	18.95 -0.41 0.00	24.33 -0.51 0.00	26.46 -0.75 0.00	27.44 -0.87 0.00	26.11 -0.96 0.00	26.43 -0.97 0.00	29.11 -1.37 0.00	33.44 -1.44 0.00	35.69 -1.99 0.00	36.08 -2.09 0.00	40.01 -2.25 0.00	48.55 -2.84 0.00	43.44 -2.18 0.00	27.52 -1.31 0.00	24.67 -0.95 0.00
GARDNVLA_35_KV_LD 355827	14.01 -0.35 0.00	14.16 -0.27 0.00	14.13 -0.54 0.00	11.37 -0.33 0.00	13.64 -0.26 0.00	21.11 -0.65 0.00	22.18 -																	

GILBOA____ 23599	14.64 0.28 0.00	14.76 0.32 0.00	15.02 0.35 0.00	12.01 0.31 0.00	14.23 0.33 0.00	22.03 0.27 0.00	23.17 0.19 0.00	22.39 0.16 0.00	16.64 0.13 0.00	19.52 0.15 0.00	25.05 0.21 0.00	27.46 0.25 0.00	28.59 0.27 0.00	27.36 0.29 0.00	27.70 0.30 0.00	30.82 0.34 0.00	35.22 0.34 0.00	38.00 0.31 0.00	38.42 0.26 0.00	42.39 0.14 0.00	51.53 0.14 0.00	45.69 0.06 0.00	29.06 0.24 0.00	25.98 0.37 0.00
GINNA____ 23603	13.37 -0.98 0.01	13.49 -0.95 0.00	13.56 -1.11 0.00	10.88 -0.82 0.00	13.00 -0.90 0.01	20.16 -1.52 0.08	21.23 -1.65 0.10	20.39 -1.47 0.37	15.37 -1.13 0.00	18.08 -1.28 0.00	23.20 -1.64 0.00	25.31 -1.90 0.00	26.31 -2.01 0.00	25.12 -1.95 0.00	25.44 -1.96 0.00	28.27 -2.21 0.00	32.46 -2.42 0.00	34.91 -2.78 0.00	35.32 -2.85 0.00	39.11 -3.15 0.00	47.51 -3.88 0.00	42.32 -3.31 0.00	26.72 -2.11 0.00	23.82 -1.79 0.00
GLEN PARK____ 23778	14.09 -0.28 0.00	14.16 -0.28 0.00	14.26 -0.41 0.00	10.94 -0.26 0.50	13.74 -0.16 0.00	21.51 -0.24 0.00	22.56 -0.42 0.00	21.48 -0.76 0.00	15.78 -0.73 0.00	18.43 -0.94 0.00	23.57 -1.27 0.00	25.83 -1.38 0.00	26.88 -1.44 0.00	25.67 -1.40 0.00	25.91 -1.49 0.00	28.72 -1.76 0.00	33.15 -1.73 0.00	36.33 -1.36 0.00	37.45 -0.71 0.00	42.27 0.01 0.00	51.94 0.55 0.00	46.36 0.74 0.00	29.03 0.20 0.00	25.59 -0.02 0.00
GLENDALE_27_KV_LOAD 356172	15.31 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.79 1.04 0.00	23.92 0.93 0.00	23.32 1.08 0.00	17.53 1.02 0.00	20.64 1.27 0.00	26.47 1.63 0.00	29.14 1.93 0.00	30.40 2.09 0.00	29.15 2.08 0.00	29.54 2.13 0.00	32.87 2.39 0.00	37.38 2.50 0.00	40.18 2.50 0.00	40.50 2.34 0.00	44.50 2.24 0.00	54.01 2.63 0.00	47.67 2.04 0.00	30.24 1.41 0.00	27.01 1.40 0.00
GLENWOOD_IC_1_G5 23712	30.39 0.98 -15.05	18.79 0.98 -3.37	15.59 0.92 0.00	12.48 0.78 0.00	14.73 0.82 0.00	22.80 1.05 0.00	23.92 0.93 0.00	23.16 0.92 0.00	17.43 0.93 0.00	20.51 1.14 0.00	26.33 1.49 0.00	29.12 1.91 0.00	40.07 2.08 -9.67	29.03 1.96 0.00	35.49 2.06 -6.03	42.88 2.31 -10.10	37.15 2.28 0.00	39.90 2.21 0.00	40.23 2.07 0.00	44.16 1.91 0.00	53.82 2.44 0.00	47.42 1.79 0.00	30.16 1.33 0.00	27.07 1.45 0.00
GLENWOOD_IC_2_G1 23688	15.34 0.89 -0.09	15.34 0.90 0.00	15.52 0.85 0.00	12.43 0.72 0.00	14.66 0.76 0.00	22.70 0.95 0.00	23.81 0.83 0.00	23.13 0.89 0.00	17.36 0.85 0.00	20.44 1.08 0.00	26.26 1.43 0.00	28.94 1.73 0.00	30.56 1.89 -0.36	28.92 1.85 0.00	29.59 1.93 -0.26	33.07 2.16 -0.43	37.05 2.18 0.00	39.81 2.13 0.00	40.15 1.99 0.00	44.11 1.86 0.00	53.70 2.32 0.00	47.34 1.72 0.00	30.09 1.26 0.00	26.92 1.30 0.00
GLENWOOD_IC_3_G1 23689	15.34 0.89 -0.09	15.34 0.90 0.00	15.52 0.85 0.00	12.43 0.72 0.00	14.66 0.76 0.00	22.70 0.95 0.00	23.81 0.83 0.00	23.13 0.89 0.00	17.36 0.85 0.00	20.44 1.08 0.00	26.26 1.43 0.00	28.94 1.73 0.00	30.56 1.89 -0.36	28.92 1.85 0.00	29.59 1.93 -0.26	33.07 2.16 -0.43	37.05 2.18 0.00	39.81 2.13 0.00	40.15 1.99 0.00	44.11 1.86 0.00	53.70 2.32 0.00	47.34 1.72 0.00	30.09 1.26 0.00	26.92 1.30 0.00
GLENWOOD____4 23550	30.39 0.98 -15.05	18.79 0.98 -3.37	15.59 0.92 0.00	12.48 0.78 0.00	14.73 0.82 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.19 0.95 0.00	17.43 0.93 0.00	20.52 1.15 0.00	26.36 1.52 0.00	29.12 1.91 0.00	40.07 2.09 -9.67	29.06 1.99 0.00	35.52 2.08 -6.03	42.91 2.34 -10.10	37.20 2.33 0.00	39.95 2.27 0.00	40.28 2.11 0.00	44.23 1.97 0.00	53.89 2.50 0.00	47.47 1.85 0.00	30.19 1.36 0.00	27.07 1.45 0.00
GLENWOOD____5 23614	30.39 0.98 -15.05	18.79 0.98 -3.37	15.59 0.92 0.00	12.48 0.78 0.00	14.73 0.82 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.19 0.95 0.00	17.43 0.93 0.00	20.52 1.15 0.00	26.36 1.52 0.00	29.12 1.91 0.00	40.07 2.09 -9.67	29.06 1.99 0.00	35.52 2.08 -6.03	42.91 2.34 -10.10	37.20 2.33 0.00	39.95 2.27 0.00	40.28 2.11 0.00	44.23 1.97 0.00	53.89 2.50 0.00	47.47 1.85 0.00	30.19 1.36 0.00	27.07 1.45 0.00
GLOBAL GREEN_PORT_GT1 23814	10.63 1.75 5.49	14.28 1.60 1.75	16.10 1.43 0.00	12.97 1.27 0.00	15.32 1.41 0.00	23.73 1.97 0.00	24.92 1.94 0.00	24.20 1.96 0.00	18.20 1.69 0.00	21.44 2.07 0.00	27.53 2.69 0.00	30.32 3.11 0.00	35.90 3.42 -4.16	30.33 3.26 0.00	34.30 3.44 -3.45	40.16 3.90 -5.78	38.23 3.36 0.00	40.38 2.69 0.00	40.20 2.04 0.00	43.86 1.61 0.00	54.66 3.28 0.00	47.95 2.33 0.00	30.51 1.68 0.00	27.41 1.79 0.00
GLOBE____DSASP 323697	13.54 -0.82 0.00	13.75 -0.69 0.00	13.71 -0.96 0.00	11.04 -0.66 0.00	13.27 -0.63 0.00	20.44 -1.32 0.00	21.35 -1.63 0.00	21.01 -1.23 0.00	15.58 -0.93 0.00	18.50 -0.87 0.00	23.73 -1.11 0.00	25.81 -1.41 0.00	26.76 -1.56 0.00	25.48 -1.59 0.00	25.80 -1.61 0.00	28.42 -2.06 0.00	32.54 -2.34 0.00	34.40 -3.29 0.00	34.69 -3.47 0.00	38.50 -3.76 0.00	46.73 -4.66 0.00	41.91 -3.72 0.00	26.63 -2.20 0.00	23.93 -1.69 0.00
GOETHSLN____LBMP 323567	15.12 0.75 0.00	15.25 0.81 0.00	15.44 0.77 0.00	12.37 0.67 0.00	14.57 0.67 0.00	22.53 0.77 0.00	23.63 0.65 0.00	23.02 0.78 0.00	17.29 0.78 0.00	20.40 1.03 0.00	26.16 1.32 0.00	28.79 1.58 0.00	30.03 1.71 0.00	28.79 1.72 0.00	29.17 1.77 0.00	32.46 1.98 0.00	36.92 2.04 0.00	39.68 2.00 0.00	40.00 1.83 0.00	43.92 1.67 0.00	53.34 1.95 0.00	47.04 1.42 0.00	29.91 1.08 0.00	26.72 1.11 0.00
GOLAH____69_KV_TB 1_2 80279	14.05 -0.31 0.00	14.17 -0.27 0.00	14.21 -0.46 0.00	11.41 -0.29 0.00	13.67 -0.24 0.00	21.23 -0.53 0.00	22.37 -0.61 0.00	21.85 -0.39 0.00	16.16 -0.35 0.00	18.96 -0.41 0.00	24.31 -0.53 0.00	26.50 -0.71 0.00	27.54 -0.78 0.00	26.28 -0.79 0.00	26.60 -0.80 0.00	29.50 -0.98 0.00	33.89 -0.99 0.00	36.40 -1.29 0.00	36.85 -1.31 0.00	40.88 -1.37 0.00	49.69 -1.70 0.00	44.36 -1.27 0.00	28.02 -0.81 0.00	25.01 -0.60 0.00
GOODYEAR_LAKE_HYD 323669	14.78 0.41 0.00	14.89 0.45 0.00	15.09 0.42 0.00	12.06 0.37 0.00	14.34 0.44 0.00	22.34 0.59 0.00	23.55 0.57 0.00	22.86 0.61 0.00	16.97 0.46 0.00	19.87 0.50 0.00	25.49 0.65 0.00	27.91 0.69 0.00	29.04 0.73 0.00	27.78 0.71 0.00	28.18 0.78 0.00	31.36 0.89 0.00	35.92 1.04 0.00	38.81 1.12 0.00	39.32 1.15 0.00	43.47 1.22 0.00	52.87 1.48 0.00	46.93 1.30 0.00	29.63 0.80 0.00	26.31 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	14.38 0.01 0.00	14.52 0.09 0.00	14.69 0.02 0.00	11.77 0.07 0.00	13.98 0.08 0.00	21.71 -0.05 0.00	22.84 -0.14 0.00	22.19 -0.04 0.00	16.45 -0.07 0.00	19.32 -0.05 0.00	24.76 -0.08 0.00	27.06 -0.15 0.00	28.17 -0.15 0.00	26.89 -0.18 0.00	27.25 -0.15 0.00	30.23 -0.25 0.00	34.62 -0.25 0.00	37.36 -0.33 0.00	37.83 -0.33 0.00	41.87 -0.39 0.00	50.91 -0.47 0.00	45.17 -0.46 0.00	28.57 -0.26 0.00	25.50 -0.11 0.00

GOUDEY___7 23579	14.38 0.01 0.00	14.52 0.09 0.00	14.69 0.02 0.00	11.77 0.07 0.00	13.98 0.08 0.00	21.71 -0.05 0.00	22.84 -0.14 0.00	22.19 -0.04 0.00	16.45 -0.07 0.00	19.32 -0.05 0.00	24.76 -0.08 0.00	27.06 -0.15 0.00	28.17 -0.15 0.00	26.89 -0.18 0.00	27.25 -0.15 0.00	30.23 -0.25 0.00	34.62 -0.25 0.00	37.36 -0.33 0.00	37.83 -0.33 0.00	41.87 -0.39 0.00	50.91 -0.47 0.00	45.17 -0.46 0.00	28.57 -0.26 0.00	25.50 -0.11 0.00
GOUDEY___8 23580	14.38 0.01 0.00	14.52 0.09 0.00	14.69 0.02 0.00	11.77 0.07 0.00	13.98 0.08 0.00	21.71 -0.05 0.00	22.84 -0.14 0.00	22.19 -0.04 0.00	16.45 -0.07 0.00	19.32 -0.05 0.00	24.76 -0.08 0.00	27.06 -0.15 0.00	28.17 -0.15 0.00	26.89 -0.18 0.00	27.25 -0.15 0.00	30.23 -0.25 0.00	34.62 -0.25 0.00	37.36 -0.33 0.00	37.83 -0.33 0.00	41.87 -0.39 0.00	50.91 -0.47 0.00	45.17 -0.46 0.00	28.57 -0.26 0.00	25.50 -0.11 0.00
GOWANUS_GT1_1 24077	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT1_2 24078	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT1_3 24079	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT1_4 24080	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT1_5 24084	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT1_6 24111	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.4															

GOWANUS_GT2_6 24119	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT2_7 24120	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT2_8 24121	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_1 24122	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_2 24123	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_3 24124	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_4 24125	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_5 24126	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_6 24127	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_7 24128	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT3_8 24129	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_1 24130	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_2 24131	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_3 24132	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_4 24133	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00

GOWANUS_GT4_5 24134	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_6 24135	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_7 24136	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GOWANUS_GT4_8 24137	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GREATVRV_69_KV_BK1 356245	12.51 1.34 3.20	14.57 1.27 1.15	15.83 1.16 0.00	12.68 0.99 0.00	14.97 1.06 0.00	23.21 1.46 0.00	24.35 1.37 0.00	23.60 1.36 0.00	17.71 1.20 0.00	20.83 1.47 0.00	26.80 1.96 0.00	29.56 2.35 0.00	35.52 2.63 -4.58	29.63 2.55 0.00	33.76 2.78 -3.58	39.63 3.15 -6.00	37.80 2.93 0.00	40.54 2.85 0.00	40.89 2.72 0.00	44.76 2.51 0.00	55.04 3.65 0.00	48.35 2.73 0.00	30.84 2.01 0.00	27.68 2.07 0.00
GREENBSH_115KV_TB3 55895	14.52 0.16 0.00	14.62 0.18 0.00	14.86 0.19 0.00	11.87 0.17 0.00	14.10 0.20 0.00	21.85 0.10 0.00	22.97 -0.01 0.00	22.06 -0.17 0.00	16.33 -0.18 0.00	19.11 -0.26 0.00	24.55 -0.29 0.00	26.91 -0.30 0.00	27.98 -0.34 0.00	26.78 -0.29 0.00	27.08 -0.32 0.00	30.19 -0.29 0.00	34.50 -0.38 0.00	37.36 -0.32 0.00	37.90 -0.26 0.00	41.97 -0.29 0.00	50.97 -0.41 0.00	45.14 -0.48 0.00	28.74 -0.10 0.00	25.75 0.14 0.00
GREENDGE_115KV_TB5 80291	14.24 -0.13 0.00	14.37 -0.07 0.00	14.47 -0.20 0.00	11.62 -0.08 0.00	13.86 -0.05 0.00	21.55 -0.20 0.00	22.73 -0.25 0.00	22.33 0.09 0.00	16.40 -0.11 0.00	19.05 -0.32 0.00	24.37 -0.47 0.00	26.60 -0.61 0.00	27.65 -0.66 0.00	26.38 -0.69 0.00	26.74 -0.66 0.00	29.69 -0.78 0.00	34.13 -0.74 0.00	36.83 -0.86 0.00	37.26 -0.90 0.00	41.28 -0.98 0.00	50.21 -1.18 0.00	44.66 -0.97 0.00	28.35 -0.47 0.00	25.26 -0.35 0.00
GREENIDGE___3 23582	14.24 -0.13 0.00	14.37 -0.07 0.00	14.47 -0.20 0.00	11.62 -0.08 0.00	13.86 -0.05 0.00	21.55 -0.20 0.00	22.73 -0.25 0.00	22.33 0.09 0.00	16.40 -0.11 0.00	19.05 -0.32 0.00	24.37 -0.47 0.00	26.60 -0.61 0.00	27.65 -0.66 0.00	26.38 -0.69 0.00	26.74 -0.66 0.00	29.69 -0.78 0.00	34.13 -0.74 0.00	36.83 -0.86 0.00	37.26 -0.90 0.00	41.28 -0.98 0.00	50.21 -1.18 0.00	44.66 -0.97 0.00	28.35 -0.47 0.00	25.26 -0.35 0.00
GREENIDGE___4 23583	14.25 -0.13 -0.02	14.37 -0.07 0.00	14.47 -0.20 0.00	11.62 -0.08 0.00	13.87 -0.05 -0.01	21.69 -0.20 -0.14	22.91 -0.25 -0.18	23.06 0.09 -0.73	16.40 -0.11 0.00	19.05 -0.32 0.00	24.37 -0.47 0.00	26.60 -0.61 0.00	27.66 -0.66 0.00	26.38 -0.69 0.00	26.74 -0.66 0.00	29.69 -0.79 0.00	34.13 -0.75 0.00	36.83 -0.86 0.00	37.26 -0.91 0.00	41.28 -0.98 0.00	50.22 -1.17 0.00	44.66 -0.97 0.00	28.36 -0.47 0.00	25.26 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	11.35 1.04 4.05	14.05 0.98 1.37	15.54 0.87 0.00	12.45 0.75 0.00	14.69 0.79 0.00	22.77 1.01 0.00	23.85 0.86 0.00	23.08 0.84 0.00	17.34 0.83 0.00	20.44 1.07 0.00	26.35 1.52 0.00	29.07 1.86 0.00	34.86 2.08 -4.46	29.12 2.05 0.00	33.16 2.20 -3.56	38.91 2.47 -5.96	36.99 2.12 0.00	39.47 1.79 0.00	39.79 1.63 0.00	43.55 1.30 0.00	53.27 1.88 0.00	46.85 1.23 0.00	29.98 1.15 0.00	26.96 1.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
GRISSOM___SOLAR 323813	14.96 0.60 0.00	15.04 0.60 0.00	15.25 0.58 0.00	12.18 0.48 0.00	14.50 0.60 0.00	22.66 0.91 0.00	23.79 0.81 0.00	22.59 0.35 0.00	16.47 -0.04 0.00	19.15 -0.22 0.00	24.53 -0.31 0.00	26.84 -0.37 0.00	27.89 -0.43 0.00	26.66 -0.41 0.00	27.05 -0.35 0.00	30.26 -0.22 0.00	35.06 0.19 0.00	38.32 0.64 0.00	39.35 1.19 0.00	44.03 1.77 0.00	53.77 2.39 0.00	47.85 2.22 0.00	30.19 1.36 0.00	26.79 1.17 0.00
GROVEVILLE___HYD 323602	15.17 0.80 0.00	15.28 0.84 0.00	15.49 0.82 0.00	12.39 0.70 0.00	14.64 0.74 0.00	22.68 0.93 0.00	23.83 0.85 0.00	23.15 0.91 0.00	17.31 0.80 0.00	20.36 0.99 0.00	26.12 1.28 0.00	28.71 1.50 0.00	29.94 1.62 0.00	28.71 1.64 0.00	29.11 1.71 0.00	32.42 1.94 0.00	36.96 2.08 0.00	39.84 2.15 0.00	40.23 2.06 0.00	44.29 2.03 0.00	53.82 2.43 0.00	47.49 1.87 0.00	30.14 1.31 0.00	26.89 1.28 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.71 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
HAMLTNNY_34_KV_TB 80303	14.09 -0.27 0.00	14.19 -0.25 0.00	14.33 -0.33 0.00	11.48 -0.22 0.00	13.68 -0.23 0.00	21.29 -0.46 0.00	22.48 -0.50 0.00	21.85 -0.39 0.00	16.15 -0.36 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.48 -0.73 0.00	27.55 -0.77 0.00	26.33 -0.74 0.00	26.68 -0.72 0.00	29.68 -0.79 0.00	34.08 -0.80 0.00	36.85 -0.84 0.00	37.33 -0.83 0.00	41.28 -0.98 0.00	50.21 -1.18 0.00	44.59 -1.04 0.00	28.22 -0.61 0.00	25.09 -0.52 0.00

HAMPSHIRE___PAPER_HYD 323593	13.81 -0.56 0.00	13.85 -0.59 0.00	14.01 -0.66 0.00	9.75 -0.51 1.43	13.40 -0.51 0.00	21.11 -0.64 0.00	22.31 -0.67 0.00	21.41 -0.82 0.00	15.88 -0.63 0.00	18.59 -0.77 0.00	23.80 -1.03 0.00	26.11 -1.11 0.00	27.16 -1.16 0.00	25.87 -1.20 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.37 -1.51 0.00	36.26 -1.43 0.00	36.87 -1.29 0.00	41.30 -0.96 0.00	50.59 -0.79 0.00	45.31 -0.32 0.00	28.28 -0.55 0.00	24.89 -0.72 0.00
HARDSCRABBLE_WT_PWR 323673	14.42 0.05 0.00	14.52 0.08 0.00	14.77 0.10 0.00	11.96 0.12 -0.14	14.01 0.10 0.00	21.78 0.02 0.00	22.91 -0.07 0.00	21.82 -0.42 0.00	16.02 -0.49 0.00	18.63 -0.74 0.00	23.84 -0.99 0.00	26.14 -1.07 0.00	27.26 -1.05 0.00	26.10 -0.97 0.00	26.35 -1.05 0.00	29.42 -1.06 0.00	33.78 -1.10 0.00	36.87 -0.82 0.00	37.72 -0.44 0.00	41.93 -0.33 0.00	51.11 -0.27 0.00	45.27 -0.36 0.00	28.71 -0.12 0.00	25.69 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	15.07 0.71 0.00	15.19 0.75 0.00	15.39 0.72 0.00	12.32 0.62 0.00	14.54 0.64 0.00	22.52 0.76 0.00	23.66 0.67 0.00	23.00 0.76 0.00	17.20 0.69 0.00	20.27 0.91 0.00	26.01 1.17 0.00	28.61 1.40 0.00	29.83 1.52 0.00	28.61 1.54 0.00	29.01 1.61 0.00	32.30 1.82 0.00	36.81 1.94 0.00	39.65 1.96 0.00	40.00 1.84 0.00	44.00 1.74 0.00	53.47 2.08 0.00	47.18 1.56 0.00	29.93 1.10 0.00	26.72 1.11 0.00
HARSNRAD_115KV_TB1 81005	13.74 -0.62 0.00	13.89 -0.55 0.00	13.82 -0.85 0.00	11.13 -0.57 0.00	13.39 -0.51 0.00	20.68 -1.07 0.00	21.70 -1.28 0.00	21.33 -0.91 0.00	15.81 -0.70 0.00	18.62 -0.74 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.97 -1.34 0.00	25.68 -1.39 0.00	26.00 -1.40 0.00	28.63 -1.85 0.00	32.83 -2.04 0.00	34.98 -2.70 0.00	35.35 -2.81 0.00	39.22 -3.04 0.00	47.60 -3.79 0.00	42.67 -2.96 0.00	27.08 -1.74 0.00	24.30 -1.31 0.00
HARZA MOOSE___RIVER 24016	14.33 -0.04 0.00	14.41 -0.03 0.00	14.57 -0.10 0.00	11.36 -0.04 0.30	13.93 0.03 0.00	21.79 0.04 0.00	22.92 -0.06 0.00	22.03 -0.21 0.00	16.32 -0.19 0.00	19.09 -0.28 0.00	24.44 -0.40 0.00	26.75 -0.46 0.00	27.84 -0.47 0.00	26.60 -0.47 0.00	26.91 -0.49 0.00	29.90 -0.57 0.00	34.43 -0.45 0.00	37.43 -0.26 0.00	38.24 0.08 0.00	42.65 0.39 0.00	52.08 0.70 0.00	46.31 0.69 0.00	29.12 0.29 0.00	25.80 0.19 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	14.14 -0.23 0.00	14.24 -0.20 0.00	14.41 -0.26 0.00	11.54 -0.17 0.00	13.72 -0.18 0.00	21.36 -0.39 0.00	22.51 -0.47 0.00	21.81 -0.42 0.00	16.14 -0.37 0.00	18.92 -0.45 0.00	24.27 -0.57 0.00	26.56 -0.66 0.00	27.63 -0.68 0.00	26.42 -0.65 0.00	26.78 -0.62 0.00	29.79 -0.69 0.00	34.14 -0.73 0.00	36.87 -0.81 0.00	37.37 -0.79 0.00	41.37 -0.88 0.00	50.30 -1.08 0.00	44.63 -1.00 0.00	28.24 -0.59 0.00	25.15 -0.46 0.00
HELLGATE_13_KV_LD 55870	15.32 0.96 0.00	15.44 1.00 0.00	15.63 0.96 0.00	12.52 0.82 0.00	14.76 0.86 0.00	22.82 1.07 0.00	23.93 0.95 0.00	23.34 1.10 0.00	17.55 1.04 0.00	20.67 1.31 0.00	26.50 1.66 0.00	29.17 1.96 0.00	30.44 2.12 0.00	29.18 2.11 0.00	29.56 2.16 0.00	32.90 2.42 0.00	37.41 2.54 0.00	40.20 2.52 0.00	40.53 2.36 0.00	44.51 2.26 0.00	54.06 2.67 0.00	47.71 2.09 0.00	30.26 1.44 0.00	27.04 1.43 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	15.32 0.96 0.00	15.44 1.00 0.00	15.63 0.96 0.00	12.52 0.82 0.00	14.76 0.86 0.00	22.82 1.07 0.00	23.93 0.95 0.00	23.34 1.10 0.00	17.55 1.04 0.00	20.67 1.31 0.00	26.50 1.66 0.00	29.17 1.96 0.00	30.44 2.12 0.00	29.18 2.11 0.00	29.56 2.16 0.00	32.90 2.42 0.00	37.41 2.54 0.00	40.20 2.52 0.00	40.53 2.36 0.00	44.51 2.26 0.00	54.06 2.67 0.00	47.71 2.09 0.00	30.26 1.44 0.00	27.04 1.43 0.00
HEMPSTEAD___ 23647	33.14 0.99 -17.79	19.57 0.97 -4.17	15.55 0.88 0.00	12.46 0.76 0.00	14.70 0.79 0.00	22.77 1.02 0.00	23.86 0.89 0.00	23.12 0.88 0.00	17.37 0.86 0.00	20.44 1.08 0.00	26.29 1.45 0.00	29.04 1.83 0.00	39.30 2.03 -8.95	29.03 1.96 0.00	34.70 2.08 -5.22	41.55 2.34 -8.74	37.11 2.23 0.00	39.81 2.13 0.00	40.15 1.99 0.00	44.05 1.79 0.00	53.79 2.40 0.00	47.38 1.75 0.00	30.17 1.34 0.00	27.05 1.44 0.00
HICKLING___1 23621	14.37 0.00 0.00	14.54 0.10 0.00	14.63 -0.04 0.00	11.76 0.06 0.00	14.01 0.11 0.00	21.74 -0.01 0.00	22.86 -0.12 0.00	22.28 0.04 0.00	16.39 -0.12 0.00	19.24 -0.12 0.00	24.70 -0.14 0.00	26.97 -0.24 0.00	28.05 -0.26 0.00	26.72 -0.35 0.00	27.09 -0.31 0.00	29.97 -0.51 0.00	34.38 -0.50 0.00	37.11 -0.57 0.00	37.63 -0.53 0.00	41.73 -0.52 0.00	50.70 -0.69 0.00	45.02 -0.60 0.00	28.42 -0.41 0.00	25.39 -0.22 0.00
HICKLING___2 23622	14.37 0.00 0.00	14.54 0.10 0.00	14.63 -0.04 0.00	11.76 0.06 0.00	14.01 0.11 0.00	21.74 -0.01 0.00	22.86 -0.12 0.00	22.28 0.04 0.00	16.39 -0.12 0.00	19.24 -0.12 0.00	24.70 -0.14 0.00	26.97 -0.24 0.00	28.05 -0.26 0.00	26.72 -0.35 0.00	27.09 -0.31 0.00	29.97 -0.51 0.00	34.38 -0.50 0.00	37.11 -0.57 0.00	37.63 -0.53 0.00	41.73 -0.52 0.00	50.70 -0.69 0.00	45.02 -0.60 0.00	28.42 -0.41 0.00	25.39 -0.22 0.00
HIGH FALLS___HY 23754	15.15 0.79 0.00	15.27 0.83 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.61 0.71 0.00	22.63 0.87 0.00	23.80 0.82 0.00	23.18 0.94 0.00	17.34 0.83 0.00	20.39 1.02 0.00	26.11 1.27 0.00	28.67 1.46 0.00	29.89 1.58 0.00	28.68 1.61 0.00	29.11 1.71 0.00	32.42 1.95 0.00	37.01 2.14 0.00	39.92 2.23 0.00	40.33 2.17 0.00	44.38 2.13 0.00	53.96 2.57 0.00	47.61 1.98 0.00	30.18 1.35 0.00	26.90 1.29 0.00
HIGH_RIVER___SOLAR 323847	14.79 0.43 0.00	14.88 0.44 0.00	15.10 0.43 0.00	12.06 0.36 0.00	14.34 0.43 0.00	22.35 0.59 0.00	23.52 0.54 0.00	22.50 0.26 0.00	16.50 -0.01 0.00	19.19 -0.18 0.00	24.57 -0.27 0.00	26.90 -0.31 0.00	27.98 -0.34 0.00	26.75 -0.32 0.00	27.09 -0.31 0.00	30.21 -0.27 0.00	34.84 -0.04 0.00	38.00 0.31 0.00	38.77 0.61 0.00	43.21 0.96 0.00	52.68 1.30 0.00	46.78 1.15 0.00	29.60 0.77 0.00	26.36 0.75 0.00
HILLBURN___GT 23639	15.07 0.70 0.00	15.20 0.76 0.00	15.40 0.72 0.00	12.32 0.62 0.00	14.54 0.64 0.00	22.50 0.74 0.00	23.62 0.64 0.00	22.98 0.74 0.00	17.20 0.69 0.00	20.29 0.92 0.00	26.03 1.19 0.00	28.65 1.44 0.00	29.88 1.56 0.00	28.64 1.57 0.00	29.02 1.62 0.00	32.30 1.83 0.00	36.76 1.88 0.00	39.55 1.87 0.00	39.89 1.73 0.00	43.87 1.62 0.00	53.31 1.92 0.00	47.04 1.42 0.00	29.86 1.03 0.00	26.68 1.06 0.00
HILLSIDE_115KV_TB1 80332	14.16 -0.20 0.00	14.34 -0.10 0.00	14.46 -0.21 0.00	11.61 -0.09 0.00	13.80 -0.10 0.00	21.39 -0.36 0.00	22.46 -0.52 0.00	21.91 -0.33 0.00	16.19 -0.32 0.00	19.04 -0.33 0.00	24.45 -0.39 0.00	26.70 -0.51 0.00	27.77 -0.55 0.00	26.48 -0.60 0.00	26.82 -0.58 0.00	29.64 -0.84 0.00	33.94 -0.94 0.00	36.61 -1.08 0.00	37.07 -1.10 0.00	41.05 -1.20 0.00	49.90 -1.49 0.00	44.27 -1.35 0.00	28.01 -0.82 0.00	25.05 -0.56 0.00

HISHELDN_WT_PWR 323625	13.97 -0.39 0.00	14.13 -0.31 0.00	14.12 -0.55 0.00	11.37 -0.33 0.00	13.63 -0.27 0.00	21.09 -0.66 0.00	22.13 -0.85 0.00	21.67 -0.57 0.00	15.94 -0.57 0.00	18.77 -0.60 0.00	24.10 -0.74 0.00	26.25 -0.96 0.00	27.22 -1.10 0.00	25.90 -1.17 0.00	26.22 -1.18 0.00	28.94 -1.54 0.00	33.27 -1.61 0.00	35.63 -2.06 0.00	36.09 -2.07 0.00	40.03 -2.22 0.00	48.54 -2.85 0.00	43.39 -2.23 0.00	27.45 -1.38 0.00	24.58 -1.03 0.00
HOLTSVILLE_IC_1 23690	9.96 1.21 5.62	13.79 1.14 1.79	15.70 1.03 0.00	12.58 0.88 0.00	14.84 0.94 0.00	23.01 1.26 0.00	24.12 1.14 0.00	23.37 1.13 0.00	17.55 1.04 0.00	20.65 1.28 0.00	26.54 1.70 0.00	29.27 2.06 0.00	34.76 2.31 -4.14	29.32 2.24 0.00	33.30 2.45 -3.45	39.05 2.80 -5.77	37.36 2.49 0.00	40.01 2.32 0.00	40.29 2.13 0.00	44.06 1.81 0.00	54.30 2.91 0.00	47.70 2.07 0.00	30.44 1.61 0.00	27.36 1.75 0.00
HOLTSVILLE_IC_10 23699	10.59 1.27 5.04	14.00 1.19 1.64	15.75 1.08 0.00	12.63 0.93 0.00	14.89 0.99 0.00	23.10 1.35 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.62 1.11 0.00	20.73 1.36 0.00	26.64 1.80 0.00	29.38 2.17 0.00	34.99 2.43 -4.24	29.44 2.36 0.00	33.47 2.59 -3.48	39.28 2.97 -5.83	37.55 2.68 0.00	40.22 2.53 0.00	40.48 2.32 0.00	44.28 2.03 0.00	54.62 3.24 0.00	47.96 2.34 0.00	30.59 1.76 0.00	27.48 1.87 0.00
HOLTSVILLE_IC_2 23691	9.96 1.21 5.62	13.79 1.14 1.79	15.70 1.03 0.00	12.58 0.88 0.00	14.84 0.94 0.00	23.01 1.26 0.00	24.12 1.14 0.00	23.37 1.13 0.00	17.55 1.04 0.00	20.65 1.28 0.00	26.54 1.70 0.00	29.27 2.06 0.00	34.76 2.31 -4.14	29.32 2.24 0.00	33.30 2.45 -3.45	39.05 2.80 -5.77	37.36 2.49 0.00	40.01 2.32 0.00	40.29 2.13 0.00	44.06 1.81 0.00	54.30 2.91 0.00	47.70 2.07 0.00	30.44 1.61 0.00	27.36 1.75 0.00
HOLTSVILLE_IC_3 23692	9.96 1.21 5.62	13.79 1.14 1.79	15.70 1.03 0.00	12.58 0.88 0.00	14.84 0.94 0.00	23.01 1.26 0.00	24.12 1.14 0.00	23.37 1.13 0.00	17.55 1.04 0.00	20.65 1.28 0.00	26.54 1.70 0.00	29.27 2.06 0.00	34.76 2.31 -4.14	29.32 2.24 0.00	33.30 2.45 -3.45	39.05 2.80 -5.77	37.36 2.49 0.00	40.01 2.32 0.00	40.29 2.13 0.00	44.06 1.81 0.00	54.30 2.91 0.00	47.70 2.07 0.00	30.44 1.61 0.00	27.36 1.75 0.00
HOLTSVILLE_IC_4 23693	9.96 1.21 5.62	13.79 1.14 1.79	15.70 1.03 0.00	12.58 0.88 0.00	14.84 0.94 0.00	23.01 1.26 0.00	24.12 1.14 0.00	23.37 1.13 0.00	17.55 1.04 0.00	20.65 1.28 0.00	26.54 1.70 0.00	29.27 2.06 0.00	34.76 2.31 -4.14	29.32 2.24 0.00	33.30 2.45 -3.45	39.05 2.80 -5.77	37.36 2.49 0.00	40.01 2.32 0.00	40.29 2.13 0.00	44.06 1.81 0.00	54.30 2.91 0.00	47.70 2.07 0.00	30.44 1.61 0.00	27.36 1.75 0.00
HOLTSVILLE_IC_5 23694	9.96 1.21 5.62	13.79 1.14 1.79	15.70 1.03 0.00	12.58 0.88 0.00	14.84 0.94 0.00	23.01 1.26 0.00	24.12 1.14 0.00	23.37 1.13 0.00	17.55 1.04 0.00	20.65 1.28 0.00	26.54 1.70 0.00	29.27 2.06 0.00	34.76 2.31 -4.14	29.32 2.24 0.00	33.30 2.45 -3.45	39.05 2.80 -5.77	37.36 2.49 0.00	40.01 2.32 0.00	40.29 2.13 0.00	44.06 1.81 0.00	54.30 2.91 0.00	47.70 2.07 0.00	30.44 1.61 0.00	27.36 1.75 0.00
HOLTSVILLE_IC_6 23695	10.59 1.27 5.04	14.00 1.19 1.64	15.75 1.08 0.00	12.63 0.93 0.00	14.89 0.99 0.00	23.10 1.35 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.62 1.11 0.00	20.73 1.36 0.00	26.64 1.80 0.00	29.38 2.17 0.00	34.99 2.43 -4.24	29.44 2.36 0.00	33.47 2.59 -3.48	39.28 2.97 -5.83	37.55 2.68 0.00	40.22 2.53 0.00	40.48 2.32 0.00	44.28 2.03 0.00	54.62 3.24 0.00	47.96 2.34 0.00	30.59 1.76 0.00	27.48 1.87 0.00
HOLTSVILLE_IC_7 23696	10.59 1.27 5.04	14.00 1.19 1.64	15.75 1.08 0.00	12.63 0.93 0.00	14.89 0.99 0.00	23.10 1.35 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.62 1.11 0.00	20.73 1.36 0.00	26.64 1.80 0.00	29.38 2.17 0.00	34.99 2.43 -4.24	29.44 2.36 0.00	33.47 2.59 -3.48	39.28 2.97 -5.83	37.55 2.68 0.00	40.22 2.53 0.00	40.48 2.32 0.00	44.28 2.03 0.00	54.62 3.24 0.00	47.96 2.34 0.00	30.59 1.76 0.00	27.48 1.87 0.00
HOLTSVILLE_IC_8 23697	10.59 1.27 5.04	14.00 1.19 1.64	15.75 1.08 0.00	12.63 0.93 0.00	14.89 0.99 0.00	23.10 1.35 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.62 1.11 0.00	20.73 1.36 0.00	26.64 1.80 0.00	29.38 2.17 0.00	34.99 2.43 -4.24	29.44 2.36 0.00	33.47 2.59 -3.48	39.28 2.97 -5.83	37.55 2.68 0.00	40.22 2.53 0.00	40.48 2.32 0.00	44.28 2.03 0.00	54.62 3.24 0.00	47.96 2.34 0.00	30.59 1.76 0.00	27.48 1.87 0.00
HOLTSVILLE_IC_9 23698	10.59 1.27 5.04	14.00 1.19 1.64	15.75 1.08 0.00	12.63 0.93 0.00	14.89 0.99 0.00	23.10 1.35 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.62 1.11 0.00	20.73 1.36 0.00	26.64 1.80 0.00	29.38 2.17 0.00	34.99 2.43 -4.24	29.44 2.36 0.00	33.47 2.59 -3.48	39.28 2.97 -5.83	37.55 2.68 0.00	40.22 2.53 0.00	40.48 2.32 0.00	44.28 2.03 0.00	54.62 3.24 0.00	47.96 2.34 0.00	30.59 1.76 0.00	27.48 1.87 0.00
HOMER_HL_115KV_TB2 355744	14.33 -0.04 0.00	14.57 0.13 0.00	14.60 -0.07 0.00	11.76 0.06 0.00	14.01 0.11 0.00	21.71 -0.04 0.00	22.82 -0.16 0.00	22.49 0.25 0.00	16.65 0.14 0.00	19.66 0.29 0.00	25.21 0.37 0.00	27.25 0.04 0.00	28.29 -0.03 0.00	26.78 -0.28 0.00	27.11 -0.29 0.00	29.76 -0.72 0.00	34.17 -0.71 0.00	36.57 -1.12 0.00	36.93 -1.23 0.00	40.96 -1.30 0.00	49.78 -1.60 0.00	44.43 -1.20 0.00	28.09 -0.74 0.00	25.29 -0.32 0.00
HOWARD_WT_PWR 323690	14.29 -0.09 -0.01	14.45 0.01 0.00	14.48 -0.19 0.00	11.68 -0.02 0.00	13.98 0.07 -0.01	21.77 -0.07 -0.09	22.88 -0.21 -0.11	22.61 -0.01 -0.38	16.95 0.44 0.00	19.64 0.28 0.00	25.08 0.24 0.00	27.20 -0.01 0.00	28.20 -0.12 0.00	26.75 -0.32 0.00	27.09 -0.31 0.00	29.89 -0.59 0.00	34.34 -0.53 0.00	37.20 -0.48 0.00	37.74 -0.42 0.00	42.06 -0.20 0.00	50.92 -0.46 0.00	45.04 -0.59 0.00	28.30 -0.53 0.00	25.31 -0.30 0.00
HQ_GEN_CEDARS 23644	14.06 -0.30 0.00	14.08 -0.36 0.00	14.29 -0.38 0.00	8.80 -0.34 2.56	13.57 -0.33 0.00	21.47 -0.28 0.00	22.97 -0.01 0.00	22.28 0.05 0.00	16.58 0.07 0.00	19.48 0.11 0.00	24.95 0.11 0.00	27.32 0.11 0.00	28.42 0.10 0.00	27.08 0.01 0.00	27.38 -0.02 0.00	30.40 -0.08 0.00	34.85 -0.03 0.00	37.64 -0.04 0.00	37.82 -0.34 0.00	42.12 -0.14 0.00	51.40 0.02 0.00	46.22 0.59 0.00	28.77 -0.06 0.00	25.29 -0.32 0.00
HQ_GEN_CEDARS_PROXY 323590	14.06 -0.30 0.00	14.08 -0.36 0.00	14.29 -0.38 0.00	8.80 -0.34 2.56	13.57 -0.33 0.00	21.48 -0.28 0.00	22.04 -0.01 0.94	22.28 0.05 0.00	16.58 0.07 0.00	19.48 0.11 0.00	24.95 0.11 0.00	27.32 0.11 0.00	28.42 0.10 0.00	27.08 0.01 0.00	27.38 -0.02 0.00	30.40 -0.08 0.00	34.85 -0.03 0.00	37.64 -0.04 0.00	37.82 -0.34 0.00	42.12 -0.14 0.00	51.40 0.02 0.00	46.21 0.59 0.00	28.77 -0.06 0.00	25.29 -0.32 0.00

HQ_GEN_IMPORT 323601	14.24 -0.12 0.00	14.28 -0.16 0.00	14.53 -0.14 0.00	10.86 -0.15 0.69	13.75 -0.15 0.00	21.70 -0.05 0.00	23.04 0.06 0.00	22.34 0.10 0.00	16.60 0.09 0.00	19.48 0.12 0.00	24.99 0.15 0.00	27.35 0.14 0.00	28.46 0.14 0.00	27.18 0.11 0.00	27.51 0.11 0.00	30.57 0.10 0.00	35.01 0.13 0.00	37.82 0.13 0.00	38.26 0.10 0.00	42.43 0.17 0.00	51.64 0.26 0.00	45.95 0.32 0.00	28.90 0.06 0.00	25.52 -0.10 0.00
HQ_GEN_WHEEL 23651	14.24 -0.12 0.00	14.28 -0.16 0.00	14.53 -0.14 0.00	10.86 -0.15 0.69	13.75 -0.15 0.00	21.70 -0.05 0.00	23.04 0.06 0.00	22.34 0.10 0.00	16.60 0.09 0.00	19.48 0.12 0.00	24.99 0.15 0.00	27.35 0.14 0.00	28.46 0.14 0.00	27.18 0.11 0.00	27.51 0.11 0.00	30.57 0.10 0.00	35.01 0.13 0.00	37.82 0.13 0.00	38.26 0.10 0.00	42.43 0.17 0.00	51.64 0.26 0.00	45.95 0.32 0.00	28.90 0.06 0.00	25.52 -0.10 0.00
HUDSON AVE_GT_3 23810	15.21 0.85 0.00	15.34 0.90 0.00	15.53 0.86 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.67 0.92 0.00	23.80 0.82 0.00	23.18 0.94 0.00	17.40 0.88 0.00	20.52 1.15 0.00	26.32 1.48 0.00	28.97 1.76 0.00	30.23 1.91 0.00	28.98 1.91 0.00	29.36 1.96 0.00	32.67 2.19 0.00	37.16 2.29 0.00	39.95 2.26 0.00	40.28 2.11 0.00	44.27 2.01 0.00	53.74 2.35 0.00	47.38 1.76 0.00	30.10 1.27 0.00	26.88 1.27 0.00
HUDSON AVE_GT_4 23540	15.21 0.85 0.00	15.34 0.90 0.00	15.53 0.86 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.67 0.92 0.00	23.80 0.82 0.00	23.18 0.94 0.00	17.40 0.88 0.00	20.52 1.15 0.00	26.32 1.48 0.00	28.97 1.76 0.00	30.23 1.91 0.00	28.98 1.91 0.00	29.36 1.96 0.00	32.67 2.19 0.00	37.16 2.29 0.00	39.95 2.26 0.00	40.28 2.11 0.00	44.27 2.01 0.00	53.74 2.35 0.00	47.38 1.76 0.00	30.10 1.27 0.00	26.88 1.27 0.00
HUDSON AVE_GT_5 23657	15.21 0.85 0.00	15.34 0.90 0.00	15.53 0.86 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.67 0.92 0.00	23.80 0.82 0.00	23.18 0.94 0.00	17.40 0.88 0.00	20.52 1.15 0.00	26.32 1.48 0.00	28.97 1.76 0.00	30.23 1.91 0.00	28.98 1.91 0.00	29.36 1.96 0.00	32.67 2.19 0.00	37.16 2.29 0.00	39.95 2.26 0.00	40.28 2.11 0.00	44.27 2.01 0.00	53.74 2.35 0.00	47.38 1.76 0.00	30.10 1.27 0.00	26.88 1.27 0.00
HUDSON_AVE_10 24168	15.13 0.77 0.01	15.25 0.82 0.01	15.43 0.78 0.02	12.35 0.67 0.02	-2.44 0.68 17.03	-89.52 0.79 112.07	-1.84 0.70 25.52	23.07 0.83 0.00	17.31 0.80 0.00	20.42 1.05 0.00	26.20 1.36 0.00	28.85 1.64 0.00	30.09 1.78 0.00	28.85 1.79 0.00	29.24 1.84 0.00	32.53 2.05 0.00	37.00 2.13 0.00	39.79 2.10 0.00	40.10 1.94 0.00	44.05 1.80 0.00	53.51 2.12 0.00	47.16 1.54 0.00	29.94 1.11 0.01	26.74 1.14 0.00
HUDSON___115KV_TB 4 355613	14.77 0.41 0.00	14.88 0.44 0.00	15.12 0.45 0.00	12.07 0.38 0.00	14.35 0.45 0.00	22.27 0.51 0.00	23.42 0.44 0.00	22.45 0.21 0.00	16.54 0.03 0.00	19.28 -0.08 0.00	24.74 -0.10 0.00	27.10 -0.11 0.00	28.16 -0.16 0.00	26.96 -0.12 0.00	27.29 -0.11 0.00	30.43 -0.05 0.00	34.86 -0.01 0.00	37.92 0.23 0.00	38.62 0.45 0.00	42.90 0.64 0.00	52.22 0.83 0.00	46.22 0.60 0.00	29.36 0.52 0.00	26.24 0.63 0.00
HUNTER MOUNT___DRP 323613	14.83 0.47 0.00	14.93 0.50 0.00	15.17 0.51 0.00	12.12 0.42 0.00	14.41 0.50 0.00	22.37 0.61 0.00	23.53 0.55 0.00	22.56 0.32 0.00	16.60 0.08 0.00	19.31 -0.06 0.00	24.75 -0.09 0.00	27.11 -0.10 0.00	28.15 -0.17 0.00	26.95 -0.12 0.00	27.30 -0.11 0.00	30.44 -0.03 0.00	34.93 0.05 0.00	38.02 0.34 0.00	38.75 0.59 0.00	43.09 0.83 0.00	52.43 1.05 0.00	46.45 0.82 0.00	29.47 0.64 0.00	26.34 0.73 0.00
HUNTINGTON_RES_REC 323705	10.61 1.13 4.89	13.91 1.06 1.59	15.62 0.95 0.00	12.51 0.81 0.00	14.76 0.86 0.00	22.89 1.14 0.00	23.99 1.01 0.00	23.22 0.98 0.00	17.43 0.92 0.00	20.53 1.17 0.00	26.44 1.60 0.00	29.16 1.95 0.00	34.81 2.20 -4.29	29.23 2.16 0.00	33.27 2.36 -3.50	39.04 2.70 -5.86	37.23 2.36 0.00	39.78 2.09 0.00	40.09 1.92 0.00	43.87 1.62 0.00	53.85 2.46 0.00	47.32 1.69 0.00	30.23 1.40 0.00	27.18 1.57 0.00
HUNTLEY___63 23557	13.85 -0.51 0.00	14.03 -0.41 0.00	13.97 -0.70 0.00	11.25 -0.45 0.00	13.52 -0.38 0.00	20.88 -0.87 0.00	21.90 -1.08 0.00	21.55 -0.69 0.00	15.96 -0.55 0.00	18.88 -0.49 0.00	24.24 -0.60 0.00	26.37 -0.84 0.00	27.34 -0.98 0.00	26.03 -1.04 0.00	26.36 -1.05 0.00	29.01 -1.47 0.00	33.30 -1.57 0.00	35.41 -2.28 0.00	35.77 -2.40 0.00	39.65 -2.61 0.00	48.11 -3.27 0.00	43.10 -2.52 0.00	27.35 -1.48 0.00	24.54 -1.08 0.00
HUNTLEY___64 23558	13.85 -0.51 0.00	14.03 -0.41 0.00	13.97 -0.70 0.00	11.25 -0.45 0.00	13.52 -0.38 0.00	20.88 -0.87 0.00	21.90 -1.08 0.00	21.55 -0.69 0.00	15.96 -0.55 0.00	18.88 -0.49 0.00	24.24 -0.60 0.00	26.37 -0.84 0.00	27.34 -0.98 0.00	26.03 -1.04 0.00	26.36 -1.05 0.00	29.01 -1.47 0.00	33.30 -1.57 0.00	35.41 -2.28 0.00	35.77 -2.40 0.00	39.65 -2.61 0.00	48.11 -3.27 0.00	43.10 -2.52 0.00	27.35 -1.48 0.00	24.54 -1.08 0.00
HUNTLEY___65 23559	13.85 -0.51 0.00	14.03 -0.41 0.00	13.97 -0.70 0.00	11.25 -0.45 0.00	13.52 -0.38 0.00	20.88 -0.87 0.00	21.90 -1.08 0.00	21.55 -0.69 0.00	15.96 -0.55 0.00	18.88 -0.49 0.00	24.24 -0.60 0.00	26.37 -0.84 0.00	27.34 -0.98 0.00	26.03 -1.04 0.00	26.36 -1.05 0.00	29.01 -1.47 0.00	33.30 -1.57 0.00	35.41 -2.28 0.00	35.77 -2.40 0.00	39.65 -2.61 0.00	48.11 -3.27 0.00	43.10 -2.52 0.00	27.35 -1.48 0.00	24.54 -1.08 0.00
HUNTLEY___66 23560	13.85 -0.51 0.00	14.03 -0.41 0.00	13.97 -0.70 0.00	11.25 -0.45 0.00	13.52 -0.38 0.00	20.88 -0.87 0.00	21.90 -1.08 0.00	21.55 -0.69 0.00	15.96 -0.55 0.00	18.88 -0.49 0.00	24.24 -0.60 0.00	26.37 -0.84 0.00	27.34 -0.98 0.00	26.03 -1.04 0.00	26.36 -1.05 0.00	29.01 -1.47 0.00	33.30 -1.57 0.00	35.41 -2.28 0.00	35.77 -2.40 0.00	39.65 -2.61 0.00	48.11 -3.27 0.00	43.10 -2.52 0.00	27.35 -1.48 0.00	24.54 -1.08 0.00
HUNTLEY___67 23561	13.81 -0.55 0.00	13.97 -0.47 0.00	13.92 -0.75 0.00	11.21 -0.49 0.00	13.45 -0.45 0.00	20.80 -0.95 0.00	21.83 -1.15 0.00	21.47 -0.77 0.00	15.90 -0.61 0.00	18.80 -0.57 0.00	24.12 -0.72 0.00	26.22 -0.99 0.00	27.21 -1.11 0.00	25.89 -1.18 0.00	26.21 -1.19 0.00	28.88 -1.60 0.00	33.11 -1.77 0.00	35.27 -2.42 0.00	35.61 -2.55 0.00	39.49 -2.76 0.00	47.94 -3.44 0.00	42.93 -2.69 0.00	27.22 -1.62 0.00	24.43 -1.18 0.00
HUNTLEY___68 23562	13.81 -0.55 0.00	13.97 -0.47 0.00	13.92 -0.75 0.00	11.21 -0.49 0.00	13.45 -0.45 0.00	20.80 -0.95 0.00	21.83 -1.15 0.00	21.47 -0.77 0.00	15.90 -0.61 0.00	18.80 -0.57 0.00	24.12 -0.72 0.00	26.22 -0.99 0.00	27.21 -1.11 0.00	25.89 -1.18 0.00	26.21 -1.19 0.00	28.88 -1.60 0.00	33.11 -1.77 0.00	35.27 -2.42 0.00	35.61 -2.55 0.00	39.49 -2.76 0.00	47.94 -3.44 0.00	42.93 -2.69 0.00	27.22 -1.62 0.00	24.43 -1.18 0.00

HYLAND___LFGE 323620	14.58 0.22 0.00	14.71 0.27 0.00	14.76 0.09 0.00	11.87 0.17 0.00	14.21 0.30 0.00	22.14 0.38 0.00	23.35 0.36 0.00	22.54 0.30 0.00	16.24 -0.26 0.00	19.08 -0.29 0.00	24.49 -0.35 0.00	26.69 -0.52 0.00	27.74 -0.58 0.00	26.42 -0.65 0.00	26.78 -0.62 0.00	29.67 -0.81 0.00	34.16 -0.72 0.00	36.84 -0.85 0.00	37.65 -0.51 0.00	42.22 -0.03 0.00	51.57 0.19 0.00	46.21 0.59 0.00	29.07 0.23 0.00	25.86 0.25 0.00
INDECK___CORINTH 23802	14.88 0.51 0.00	15.00 0.56 0.00	15.24 0.57 0.00	12.17 0.47 0.00	14.47 0.56 0.00	22.53 0.78 0.00	23.94 0.96 0.00	22.84 0.60 0.00	16.83 0.32 0.00	19.73 0.37 0.00	25.03 0.19 0.00	27.36 0.15 0.00	28.32 0.01 0.00	26.88 -0.20 0.00	26.99 -0.41 0.00	29.94 -0.54 0.00	34.50 -0.37 0.00	37.57 -0.12 0.00	38.28 0.11 0.00	42.47 0.21 0.00	51.71 0.33 0.00	45.79 0.16 0.00	29.01 0.18 0.00	26.35 0.74 0.00
INDECK___ILION 23567	14.42 0.05 0.00	14.51 0.07 0.00	14.75 0.08 0.00	11.92 0.08 -0.14	13.99 0.08 0.00	21.78 0.02 0.00	22.94 -0.04 0.00	22.00 -0.24 0.00	16.24 -0.27 0.00	18.96 -0.41 0.00	24.30 -0.54 0.00	26.63 -0.58 0.00	27.74 -0.58 0.00	26.54 -0.53 0.00	26.83 -0.57 0.00	29.91 -0.57 0.00	34.28 -0.60 0.00	37.25 -0.44 0.00	37.93 -0.23 0.00	42.09 -0.17 0.00	51.22 -0.16 0.00	45.41 -0.22 0.00	28.76 -0.06 0.00	25.67 0.06 0.00
INDECK___OLEAN 23982	14.29 -0.04 0.04	14.58 0.13 0.00	14.60 -0.07 0.00	11.76 0.06 0.00	13.99 0.11 0.02	21.41 -0.04 0.31	22.43 -0.16 0.39	21.29 0.25 1.19	16.65 0.14 0.00	19.66 0.29 0.00	25.21 0.37 0.00	27.25 0.04 0.00	28.29 -0.03 0.00	26.79 -0.28 0.00	27.11 -0.29 0.00	29.76 -0.72 0.00	34.17 -0.71 0.00	36.57 -1.11 0.00	36.93 -1.23 0.00	40.95 -1.30 0.00	49.78 -1.61 0.00	44.43 -1.20 0.00	28.09 -0.74 0.00	25.29 -0.32 0.00
INDECK___OSWEGO 23783	13.85 -0.51 0.00	13.94 -0.50 0.00	14.11 -0.56 0.00	11.21 -0.41 0.07	13.44 -0.47 0.00	20.93 -0.83 0.00	22.05 -0.93 0.00	21.34 -0.90 0.00	15.78 -0.73 0.00	18.50 -0.87 0.00	23.72 -1.11 0.00	25.97 -1.25 0.00	27.02 -1.30 0.00	25.83 -1.25 0.00	26.16 -1.24 0.00	29.08 -1.40 0.00	33.36 -1.51 0.00	36.09 -1.60 0.00	36.63 -1.54 0.00	40.60 -1.66 0.00	49.40 -1.99 0.00	43.86 -1.76 0.00	27.73 -1.10 0.00	24.67 -0.94 0.00
INDECK___YERKES 23781	13.83 -0.50 0.03	14.04 -0.40 0.00	13.98 -0.69 0.00	11.26 -0.44 0.00	13.51 -0.37 0.02	20.69 -0.85 0.21	21.65 -1.06 0.27	20.74 -0.66 0.83	15.98 -0.53 0.00	18.90 -0.47 0.00	24.26 -0.58 0.00	26.40 -0.81 0.00	27.36 -0.95 0.00	26.06 -1.01 0.00	26.38 -1.02 0.00	29.04 -1.44 0.00	33.34 -1.53 0.00	35.45 -2.23 0.00	35.81 -2.36 0.00	39.69 -2.57 0.00	48.16 -3.23 0.00	43.15 -2.47 0.00	27.37 -1.46 0.00	24.56 -1.05 0.00
INDIAN POINT_GT_1 24139	15.07 0.71 0.00	15.21 0.77 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.55 0.64 0.00	22.51 0.76 0.00	23.63 0.65 0.00	22.98 0.74 0.00	17.21 0.70 0.00	20.28 0.92 0.00	26.01 1.17 0.00	28.63 1.42 0.00	29.85 1.54 0.00	28.61 1.54 0.00	28.99 1.59 0.00	32.27 1.80 0.00	36.73 1.86 0.00	39.52 1.84 0.00	39.87 1.71 0.00	43.86 1.60 0.00	53.28 1.89 0.00	47.02 1.40 0.00	29.86 1.03 0.00	26.67 1.06 0.00
INDIAN POINT_GT_2 23659	15.07 0.71 0.00	15.21 0.77 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.55 0.64 0.00	22.51 0.76 0.00	23.63 0.65 0.00	22.98 0.74 0.00	17.21 0.70 0.00	20.28 0.92 0.00	26.01 1.17 0.00	28.63 1.42 0.00	29.85 1.54 0.00	28.61 1.54 0.00	28.99 1.59 0.00	32.27 1.80 0.00	36.73 1.86 0.00	39.52 1.84 0.00	39.87 1.71 0.00	43.86 1.60 0.00	53.28 1.89 0.00	47.02 1.40 0.00	29.86 1.03 0.00	26.67 1.06 0.00
INDIAN POINT_GT_3 24019	15.07 0.71 0.00	15.21 0.77 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.55 0.64 0.00	22.51 0.76 0.00	23.63 0.65 0.00	22.98 0.74 0.00	17.21 0.70 0.00	20.28 0.92 0.00	26.01 1.17 0.00	28.63 1.42 0.00	29.85 1.54 0.00	28.61 1.54 0.00	28.99 1.59 0.00	32.27 1.80 0.00	36.73 1.86 0.00	39.52 1.84 0.00	39.87 1.71 0.00	43.86 1.60 0.00	53.28 1.89 0.00	47.02 1.40 0.00	29.86 1.03 0.00	26.67 1.06 0.00
INDIAN POINT___2 23530	15.06 0.69 0.00	15.19 0.75 0.00	15.39 0.72 0.00	12.32 0.62 0.00	14.54 0.63 0.00	22.49 0.74 0.00	23.61 0.62 0.00	22.96 0.72 0.00	17.20 0.69 0.00	20.27 0.90 0.00	26.01 1.17 0.00	28.61 1.41 0.00	29.83 1.52 0.00	28.60 1.53 0.00	28.98 1.58 0.00	32.25 1.77 0.00	36.70 1.82 0.00	39.48 1.79 0.00	39.83 1.67 0.00	43.81 1.55 0.00	53.23 1.84 0.00	46.98 1.35 0.00	29.83 1.00 0.00	26.65 1.04 0.00
INDIAN POINT___3 23531	15.06 0.70 0.00	15.19 0.75 0.00	15.39 0.72 0.00	12.32 0.62 0.00	14.54 0.64 0.00	22.50 0.74 0.00	23.62 0.64 0.00	22.96 0.72 0.00	17.20 0.69 0.00	20.27 0.90 0.00	25.99 1.16 0.00	28.61 1.40 0.00	29.83 1.51 0.00	28.59 1.52 0.00	28.97 1.57 0.00	32.24 1.77 0.00	36.69 1.82 0.00	39.48 1.79 0.00	39.83 1.67 0.00	43.81 1.56 0.00	53.23 1.84 0.00	46.98 1.36 0.00	29.83 1.00 0.00	26.66 1.05 0.00
INGHAM_C_115KV_TB7 356103	14.42 0.05 0.00	14.53 0.09 0.00	14.79 0.12 0.00	11.98 0.14 -0.14	14.02 0.12 0.00	21.76 0.00 0.00	22.86 -0.12 0.00	21.68 -0.56 0.00	15.86 -0.65 0.00	18.39 -0.98 0.00	23.53 -1.31 0.00	25.80 -1.42 0.00	26.92 -1.39 0.00	25.80 -1.28 0.00	26.02 -1.38 0.00	29.08 -1.40 0.00	33.41 -1.46 0.00	36.57 -1.11 0.00	37.54 -0.63 0.00	41.76 -0.49 0.00	50.93 -0.45 0.00	45.10 -0.53 0.00	28.62 -0.21 0.00	25.66 0.06 0.00
IP CORINTH___1 23988	14.88 0.51 0.00	15.00 0.56 0.00	15.24 0.57 0.00	12.16 0.47 0.00	14.47 0.56 0.00	22.53 0.78 0.00	23.94 0.96 0.00	22.84 0.60 0.00	16.83 0.32 0.00	19.73 0.37 0.00	25.03 0.19 0.00	27.36 0.15 0.00	28.36 0.04 0.00	26.94 -0.13 0.00	27.10 -0.30 0.00	30.09 -0.38 0.00	34.68 -0.19 0.00	37.79 0.10 0.00	38.48 0.32 0.00	42.70 0.44 0.00	52.01 0.62 0.00	46.04 0.42 0.00	29.16 0.32 0.00	26.38 0.76 0.00
IP___TICONDEROGA 23804	15.36 1.00 0.00	15.69 1.25 0.00	15.87 1.20 0.00	12.68 0.98 0.00	15.07 1.17 0.00	23.61 1.85 0.00	24.90 1.91 0.00	23.07 0.83 0.00	16.82 0.31 0.00	20.19 0.82 0.00	25.66 0.82 0.00	27.77 0.55 0.00	29.08 0.77 0.00	27.67 0.60 0.00	27.96 0.56 0.00	31.03 0.55 0.00	36.20 1.32 0.00	39.86 2.17 0.00	40.85 2.69 0.00	45.45 3.19 0.00	55.63 4.24 0.00	49.34 3.72 0.00	30.80 1.97 0.00	27.28 1.67 0.00
ISLIP_RES_REC 323679	11.03 1.32 4.66	14.14 1.23 1.53	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.17 1.42 0.00	24.30 1.32 0.00	23.56 1.32 0.00	17.68 1.17 0.00	20.80 1.44 0.00	26.74 1.90 0.00	29.50 2.29 0.00	35.19 2.56 -4.31	29.56 2.49 0.00	33.63 2.73 -3.50	39.48 3.14 -5.86	37.73 2.86 0.00	40.42 2.74 0.00	40.68 2.51 0.00	44.50 2.24 0.00	54.89 3.50 0.00	48.18 2.55 0.00	30.72 1.89 0.00	27.59 1.98 0.00

JAMAICA__27_KV_LOAD 355505	15.16 0.80 0.01	15.30 0.87 0.01	15.48 0.83 0.02	12.39 0.71 0.02	-2.40 0.73 17.03	-89.45 0.86 112.07	-1.81 0.73 25.52	23.10 0.86 0.00	17.33 0.82 0.00	20.44 1.07 0.00	26.24 1.40 0.00	28.88 1.67 0.00	30.14 1.82 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.57 2.09 0.00	37.05 2.18 0.00	39.89 2.20 0.00	40.20 2.03 0.00	44.18 1.92 0.00	53.62 2.23 0.00	47.23 1.60 0.00	29.93 1.11 0.01	26.74 1.14 0.00
JANIS__SOLAR 323808	14.79 0.42 -0.01	14.91 0.47 0.00	15.07 0.40 0.00	12.08 0.39 0.00	14.40 0.49 -0.01	22.52 0.68 -0.08	23.77 0.69 -0.10	23.22 0.64 -0.34	16.71 0.20 0.00	19.46 0.09 0.00	24.80 -0.04 0.00	27.08 -0.13 0.00	28.20 -0.12 0.00	26.96 -0.11 0.00	27.37 -0.03 0.00	30.56 0.08 0.00	35.19 0.32 0.00	38.30 0.61 0.00	39.18 1.01 0.00	43.59 1.34 0.00	53.21 1.83 0.00	47.18 1.56 0.00	29.64 0.81 0.00	26.31 0.70 0.00
JARVIS____ 23743	14.38 0.01 0.00	14.47 0.03 0.00	14.70 0.03 0.00	11.87 0.03 -0.14	13.93 0.03 0.00	21.73 -0.02 0.00	22.92 -0.06 0.00	22.14 -0.10 0.00	16.43 -0.08 0.00	19.26 -0.10 0.00	24.71 -0.13 0.00	27.07 -0.14 0.00	28.17 -0.14 0.00	26.94 -0.13 0.00	27.27 -0.14 0.00	30.34 -0.14 0.00	34.70 -0.17 0.00	37.53 -0.15 0.00	38.03 -0.13 0.00	42.10 -0.16 0.00	51.18 -0.20 0.00	45.44 -0.18 0.00	28.77 -0.06 0.00	25.61 0.00 0.00
JENNISON____1 23625	14.82 0.46 0.00	14.97 0.53 0.00	15.16 0.49 0.00	12.17 0.47 0.00	14.47 0.56 0.00	22.48 0.73 0.00	23.69 0.71 0.00	22.96 0.72 0.00	16.94 0.43 0.00	19.82 0.45 0.00	25.34 0.50 0.00	27.68 0.47 0.00	28.83 0.51 0.00	27.55 0.48 0.00	27.97 0.57 0.00	31.12 0.65 0.00	35.71 0.83 0.00	38.71 1.03 0.00	39.44 1.28 0.00	43.73 1.47 0.00	53.25 1.87 0.00	47.10 1.48 0.00	29.53 0.70 0.00	26.27 0.66 0.00
JENNISON____2 23626	14.82 0.46 0.00	14.97 0.53 0.00	15.16 0.49 0.00	12.17 0.47 0.00	14.47 0.56 0.00	22.48 0.73 0.00	23.69 0.71 0.00	22.96 0.72 0.00	16.94 0.43 0.00	19.82 0.45 0.00	25.34 0.50 0.00	27.68 0.47 0.00	28.83 0.51 0.00	27.55 0.48 0.00	27.97 0.57 0.00	31.12 0.65 0.00	35.71 0.83 0.00	38.71 1.03 0.00	39.44 1.28 0.00	43.73 1.47 0.00	53.25 1.87 0.00	47.10 1.48 0.00	29.53 0.70 0.00	26.27 0.66 0.00
JERICOHO_RISE_WT_PWR 323719	13.96 -0.40 0.00	13.97 -0.47 0.00	14.18 -0.49 0.00	8.58 -0.45 2.67	13.43 -0.47 0.00	21.33 -0.43 0.00	22.75 -0.23 0.00	22.24 0.00 0.00	16.59 0.08 0.00	19.52 0.15 0.00	25.02 0.18 0.00	27.35 0.14 0.00	28.47 0.16 0.00	27.15 0.08 0.00	27.46 0.06 0.00	30.43 -0.05 0.00	34.88 0.01 0.00	37.75 0.06 0.00	38.21 0.04 0.00	42.54 0.29 0.00	51.88 0.50 0.00	46.26 0.63 0.00	28.99 0.16 0.00	25.51 -0.10 0.00
KATONAH__115KV_46KV_TB4 355592	15.13 0.77 0.00	15.26 0.82 0.00	15.45 0.79 0.00	12.37 0.67 0.00	14.61 0.70 0.00	22.62 0.86 0.00	23.76 0.78 0.00	23.09 0.85 0.00	17.29 0.78 0.00	20.37 1.00 0.00	26.13 1.30 0.00	28.76 1.55 0.00	29.98 1.67 0.00	28.73 1.66 0.00	29.12 1.72 0.00	32.42 1.94 0.00	36.92 2.04 0.00	39.74 2.05 0.00	40.10 1.93 0.00	44.11 1.86 0.00	53.57 2.19 0.00	47.27 1.64 0.00	30.00 1.18 0.00	26.79 1.18 0.00
KCE_NY_1 323755	14.88 0.51 0.00	14.98 0.54 0.00	15.26 0.59 0.00	12.16 0.46 0.00	14.46 0.55 0.00	22.49 0.74 0.00	23.72 0.74 0.00	22.73 0.49 0.00	16.72 0.21 0.00	19.60 0.24 0.00	25.02 0.18 0.00	27.36 0.15 0.00	28.42 0.10 0.00	27.13 0.06 0.00	27.43 0.03 0.00	30.57 0.09 0.00	35.13 0.25 0.00	38.20 0.51 0.00	38.88 0.72 0.00	43.14 0.89 0.00	52.47 1.08 0.00	46.47 0.84 0.00	29.46 0.63 0.00	26.41 0.81 0.00
KCE_NY_6_ESR 323823	13.97 -0.36 0.03	14.16 -0.28 0.00	14.11 -0.55 0.00	11.36 -0.33 0.00	13.62 -0.27 0.02	20.86 -0.66 0.24	21.85 -0.83 0.30	20.90 -0.42 0.92	16.14 -0.38 0.00	19.05 -0.32 0.00	24.45 -0.39 0.00	26.59 -0.62 0.00	27.59 -0.73 0.00	26.25 -0.82 0.00	26.57 -0.84 0.00	29.26 -1.22 0.00	33.60 -1.28 0.00	35.87 -1.82 0.00	36.22 -1.94 0.00	40.15 -2.11 0.00	48.74 -2.65 0.00	43.62 -2.01 0.00	27.63 -1.21 0.00	24.76 -0.85 0.00
KEDC_PORT_JEFF_GT2 24210	10.36 1.26 5.26	13.93 1.18 1.69	15.73 1.06 0.00	12.61 0.91 0.00	14.88 0.97 0.00	23.07 1.32 0.00	24.19 1.21 0.00	23.43 1.19 0.00	17.59 1.08 0.00	20.70 1.34 0.00	26.61 1.78 0.00	29.35 2.14 0.00	34.91 2.39 -4.21	29.41 2.34 0.00	33.44 2.57 -3.47	39.22 2.93 -5.81	37.50 2.63 0.00	40.15 2.47 0.00	40.43 2.27 0.00	44.21 1.96 0.00	54.52 3.13 0.00	47.89 2.26 0.00	30.54 1.71 0.00	27.45 1.84 0.00
KEDC_PORT_JEFF_GT3 24211	10.36 1.26 5.26	13.93 1.18 1.69	15.73 1.06 0.00	12.61 0.91 0.00	14.88 0.97 0.00	23.07 1.32 0.00	24.19 1.21 0.00	23.43 1.19 0.00	17.59 1.08 0.00	20.70 1.34 0.00	26.61 1.78 0.00	29.35 2.14 0.00	34.91 2.39 -4.21	29.41 2.34 0.00	33.44 2.57 -3.47	39.22 2.93 -5.81	37.50 2.63 0.00	40.15 2.47 0.00	40.43 2.27 0.00	44.21 1.96 0.00	54.52 3.13 0.00	47.89 2.26 0.00	30.54 1.71 0.00	27.45 1.84 0.00
KEDC_GLWD_GT4 24219	30.39 0.98 -15.05	18.79 0.98 -3.37	15.59 0.92 0.00	12.48 0.78 0.00	14.73 0.82 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.16 0.92 0.00	17.43 0.93 0.00	20.51 1.14 0.00	26.33 1.49 0.00	29.11 1.90 0.00	40.07 2.09 -9.67	29.03 1.96 0.00	35.49 2.06 -6.03	42.88 2.31 -10.10	37.15 2.28 0.00	39.90 2.21 0.00	40.23 2.07 0.00	44.17 1.91 0.00	53.82 2.44 0.00	47.42 1.79 0.00	30.16 1.33 0.00	27.07 1.45 0.00
KEDC_GLWD_GT5 24220	30.39 0.98 -15.05	18.79 0.98 -3.37	15.59 0.92 0.00	12.48 0.78 0.00	14.73 0.82 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.16 0.92 0.00	17.43 0.93 0.00	20.51 1.14 0.00	26.33 1.49 0.00	29.11 1.90 0.00	40.07 2.09 -9.67	29.03 1.96 0.00	35.49 2.06 -6.03	42.88 2.31 -10.10	37.15 2.28 0.00	39.90 2.21 0.00	40.23 2.07 0.00	44.17 1.91 0.00	53.82 2.44 0.00	47.42 1.79 0.00	30.16 1.33 0.00	27.07 1.45 0.00
KENSICO____ 23655	15.12 0.76 0.00	15.25 0.81 0.00	15.45 0.78 0.00	12.36 0.66 0.00	14.59 0.69 0.00	22.57 0.82 0.00	23.70 0.72 0.00	23.05 0.81 0.00	17.27 0.76 0.00	20.36 0.99 0.00	26.11 1.27 0.00	28.74 1.53 0.00	29.97 1.65 0.00	28.72 1.65 0.00	29.10 1.71 0.00	32.40 1.92 0.00	36.86 1.99 0.00	39.66 1.97 0.00	40.00 1.84 0.00	43.98 1.72 0.00	53.43 2.04 0.00	47.15 1.53 0.00	29.94 1.11 0.00	26.74 1.13 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	15.11 0.75 0.00	15.23 0.79 0.00	15.42 0.75 0.00	12.35 0.65 0.00	14.58 0.68 0.00	22.59 0.84 0.00	23.76 0.78 0.00	23.11 0.87 0.00	17.26 0.75 0.00	20.28 0.91 0.00	25.97 1.13 0.00	28.50 1.29 0.00	29.71 1.40 0.00	28.49 1.42 0.00	28.92 1.52 0.00	32.22 1.74 0.00	36.79 1.92 0.00	39.72 2.03 0.00	40.16 1.99 0.00	44.24 1.98 0.00	53.79 2.40 0.00	47.47 1.85 0.00	30.09 1.26 0.00	26.82 1.21 0.00

KIAC_JFK_GT1 23816	15.08 0.72 0.01	15.22 0.79 0.01	15.40 0.75 0.02	12.33 0.64 0.02	-2.47 0.65 17.03	-89.58 0.73 112.07	-1.94 0.59 25.52	22.97 0.73 0.00	17.24 0.73 0.00	20.32 0.96 0.00	26.10 1.26 0.00	28.73 1.52 0.00	29.98 1.66 0.00	28.75 1.68 0.00	29.15 1.75 0.00	32.38 1.90 0.00	36.82 1.94 0.00	39.68 1.99 0.00	39.98 1.82 0.00	43.94 1.68 0.00	53.33 1.94 0.00	46.97 1.35 0.00	29.77 0.94 0.01	26.60 0.99 0.00
KIAC_JFK_GT2 23817	15.08 0.72 0.01	15.22 0.79 0.01	15.40 0.75 0.02	12.33 0.64 0.02	-2.47 0.65 17.03	-89.58 0.73 112.07	-1.94 0.59 25.52	22.97 0.73 0.00	17.24 0.73 0.00	20.32 0.96 0.00	26.10 1.26 0.00	28.73 1.52 0.00	29.98 1.66 0.00	28.75 1.68 0.00	29.15 1.75 0.00	32.38 1.90 0.00	36.82 1.94 0.00	39.68 1.99 0.00	39.98 1.82 0.00	43.94 1.68 0.00	53.33 1.94 0.00	46.97 1.35 0.00	29.77 0.94 0.01	26.60 0.99 0.00
KIAC_JFK____ 323774	15.08 0.72 0.01	15.22 0.79 0.01	15.40 0.75 0.02	12.33 0.64 0.02	-2.47 0.65 17.03	-89.58 0.73 112.07	-1.94 0.59 25.52	22.97 0.73 0.00	17.24 0.73 0.00	20.32 0.96 0.00	26.10 1.26 0.00	28.73 1.52 0.00	29.98 1.66 0.00	28.75 1.68 0.00	29.15 1.75 0.00	32.38 1.90 0.00	36.82 1.94 0.00	39.68 1.99 0.00	39.98 1.82 0.00	43.94 1.68 0.00	53.33 1.94 0.00	46.97 1.35 0.00	29.77 0.94 0.01	26.60 0.99 0.00
KINTIGH__24_KV_GSU 356498	13.78 -0.57 0.02	13.95 -0.48 0.00	13.95 -0.72 0.00	11.22 -0.48 0.00	13.43 -0.46 0.01	20.65 -0.94 0.17	21.65 -1.11 0.21	20.76 -0.79 0.69	15.89 -0.62 0.00	18.76 -0.61 0.00	24.06 -0.78 0.00	26.18 -1.03 0.00	27.17 -1.15 0.00	25.87 -1.20 0.00	26.19 -1.21 0.00	28.94 -1.54 0.00	33.14 -1.74 0.00	35.38 -2.31 0.00	35.74 -2.42 0.00	39.63 -2.63 0.00	48.12 -3.27 0.00	43.06 -2.57 0.00	27.27 -1.56 0.00	24.45 -1.17 0.00
KINTIGH____ 23543	13.79 -0.58 0.00	13.94 -0.50 0.00	13.94 -0.73 0.00	11.21 -0.49 0.00	13.43 -0.47 0.00	20.79 -0.96 0.00	21.85 -1.14 0.00	21.42 -0.81 0.00	15.87 -0.64 0.00	18.74 -0.63 0.00	24.04 -0.80 0.00	26.15 -1.06 0.00	27.14 -1.18 0.00	25.84 -1.23 0.00	26.17 -1.23 0.00	28.91 -1.57 0.00	33.11 -1.77 0.00	35.34 -2.35 0.00	35.70 -2.47 0.00	39.59 -2.67 0.00	48.07 -3.31 0.00	43.01 -2.62 0.00	27.24 -1.59 0.00	24.42 -1.19 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	14.16 -0.20 0.00	14.17 -0.27 0.00	14.37 -0.30 0.00	8.69 -0.30 2.71	13.60 -0.31 0.00	21.56 -0.19 0.00	23.01 0.03 0.00	22.47 0.23 0.00	16.74 0.23 0.00	19.71 0.34 0.00	25.27 0.43 0.00	27.60 0.39 0.00	28.77 0.46 0.00	27.46 0.40 0.00	27.80 0.40 0.00	30.71 0.23 0.00	35.20 0.33 0.00	38.19 0.50 0.00	38.72 0.56 0.00	43.19 0.93 0.00	52.70 1.31 0.00	46.91 1.28 0.00	29.39 0.55 0.00	25.88 0.27 0.00
LACHUTE____HYDRO 323717	15.36 1.00 0.00	15.69 1.25 0.00	15.87 1.20 0.00	12.68 0.98 0.00	15.07 1.17 0.00	23.61 1.85 0.00	24.90 1.91 0.00	23.07 0.83 0.00	16.82 0.30 0.00	20.19 0.82 0.00	25.66 0.82 0.00	27.77 0.55 0.00	29.08 0.77 0.00	27.67 0.60 0.00	27.96 0.56 0.00	31.03 0.55 0.00	36.20 1.33 0.00	39.86 2.17 0.00	40.85 2.69 0.00	45.45 3.19 0.00	55.63 4.24 0.00	49.34 3.72 0.00	30.80 1.97 0.00	27.29 1.67 0.00
LAWRNCALV_115KV_TB1 80681	13.84 -0.52 0.00	13.85 -0.59 0.00	14.06 -0.61 0.00	8.92 -0.53 2.25	13.36 -0.54 0.00	21.18 -0.57 0.00	22.58 -0.40 0.00	21.80 -0.44 0.00	16.20 -0.31 0.00	19.02 -0.35 0.00	24.37 -0.47 0.00	26.73 -0.48 0.00	27.80 -0.52 0.00	26.42 -0.65 0.00	26.72 -0.68 0.00	29.65 -0.83 0.00	34.02 -0.86 0.00	36.81 -0.88 0.00	37.08 -1.09 0.00	41.40 -0.85 0.00	50.64 -0.75 0.00	45.53 -0.09 0.00	28.31 -0.52 0.00	24.84 -0.77 0.00
LEDERLE____ 23769	15.12 0.75 0.00	15.25 0.81 0.00	15.44 0.77 0.00	12.36 0.66 0.00	14.58 0.68 0.00	22.57 0.82 0.00	23.70 0.72 0.00	23.06 0.82 0.00	17.27 0.76 0.00	20.36 0.99 0.00	26.12 1.28 0.00	28.74 1.53 0.00	29.98 1.66 0.00	28.74 1.67 0.00	29.12 1.72 0.00	32.42 1.94 0.00	36.90 2.02 0.00	39.70 2.02 0.00	40.04 1.88 0.00	44.04 1.78 0.00	53.51 2.13 0.00	47.22 1.59 0.00	29.97 1.14 0.00	26.76 1.15 0.00
LIGHTHSE_115KV_TB6 355974	14.02 -0.34 0.00	14.12 -0.32 0.00	14.26 -0.41 0.00	11.23 -0.28 0.19	13.63 -0.27 0.00	21.23 -0.52 0.00	22.32 -0.66 0.00	21.51 -0.73 0.00	15.88 -0.63 0.00	18.59 -0.78 0.00	23.84 -0.99 0.00	26.13 -1.08 0.00	27.18 -1.14 0.00	25.97 -1.10 0.00	26.28 -1.12 0.00	29.17 -1.31 0.00	33.51 -1.36 0.00	36.40 -1.29 0.00	37.10 -1.07 0.00	41.34 -0.92 0.00	50.46 -0.93 0.00	44.93 -0.69 0.00	28.35 -0.48 0.00	25.15 -0.47 0.00
LINDEN COGEN____ 23786	15.11 0.75 0.00	15.24 0.81 0.00	15.43 0.77 0.00	12.37 0.67 0.00	14.57 0.66 0.00	22.52 0.77 0.00	23.63 0.65 0.00	23.02 0.78 0.00	17.29 0.78 0.00	20.40 1.03 0.00	26.15 1.31 0.00	28.78 1.57 0.00	30.01 1.70 0.00	28.79 1.72 0.00	29.16 1.76 0.00	32.44 1.97 0.00	36.90 2.03 0.00	39.67 1.98 0.00	39.99 1.82 0.00	43.90 1.64 0.00	53.31 1.92 0.00	47.02 1.40 0.00	29.91 1.08 0.00	26.71 1.10 0.00
LINDHRST_69_KV_BK1 356055	20.86 1.26 -5.24	16.82 1.22 -1.16	15.79 1.12 0.00	12.64 0.94 0.00	14.91 1.01 0.00	23.13 1.38 0.00	24.25 1.27 0.00	23.49 1.25 0.00	17.63 1.12 0.00	20.74 1.37 0.00	26.67 1.83 0.00	29.44 2.23 0.00	36.91 2.48 -6.11	29.49 2.42 0.00	34.03 2.58 -4.04	40.17 2.93 -6.77	37.61 2.74 0.00	40.36 2.67 0.00	40.74 2.58 0.00	44.66 2.41 0.00	54.70 3.31 0.00	48.15 2.52 0.00	30.72 1.89 0.00	27.56 1.95 0.00
LIPA_MISC_IPP 23656	10.11 1.27 5.53	13.87 1.19 1.76	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.99 0.00	23.10 1.34 0.00	24.22 1.24 0.00	23.47 1.23 0.00	17.61 1.10 0.00	20.72 1.35 0.00	26.59 1.76 0.00	29.33 2.12 0.00	34.84 2.37 -4.15	29.38 2.31 0.00	33.39 2.54 -3.45	39.15 2.90 -5.78	37.40 2.53 0.00	40.05 2.37 0.00	40.19 2.03 0.00	43.92 1.67 0.00	54.45 3.06 0.00	47.81 2.18 0.00	30.49 1.66 0.00	27.41 1.79 0.00
LISF____SOLAR 323691	10.24 1.30 5.43	13.92 1.22 1.73	15.76 1.10 0.00	12.64 0.94 0.00	14.91 1.01 0.00	23.13 1.38 0.00	24.26 1.28 0.00	23.50 1.26 0.00	17.63 1.12 0.00	20.73 1.36 0.00	26.60 1.77 0.00	29.33 2.12 0.00	34.88 2.39 -4.17	29.40 2.33 0.00	33.42 2.57 -3.46	39.21 2.94 -5.79	37.45 2.58 0.00	40.13 2.58 0.00	40.27 2.10 0.00	44.00 1.75 0.00	54.57 3.19 0.00	47.91 2.29 0.00	30.55 1.72 0.00	27.46 1.85 0.00
LITTLE FALLS____HYD 24013	14.42 0.05 0.00	14.53 0.09 0.00	14.79 0.12 0.00	11.98 0.14 -0.14	14.02 0.12 0.00	21.76 0.00 0.00	22.86 -0.12 0.00	21.68 -0.56 0.00	15.86 -0.65 0.00	18.39 -0.98 0.00	23.53 -1.31 0.00	25.80 -1.42 0.00	26.92 -1.39 0.00	25.80 -1.28 0.00	26.02 -1.38 0.00	29.08 -1.40 0.00	33.41 -1.46 0.00	36.57 -1.11 0.00	37.54 -0.63 0.00	41.76 -0.49 0.00	50.93 -0.45 0.00	45.10 -0.53 0.00	28.62 -0.21 0.00	25.66 0.06 0.00

LITTLRIV_115KV_TB1 356100	14.02 -0.35 0.00	14.02 -0.42 0.00	14.23 -0.44 0.00	9.10 -0.39 2.21	13.53 -0.37 0.00	21.47 -0.28 0.00	22.87 -0.11 0.00	21.98 -0.26 0.00	16.28 -0.23 0.00	19.09 -0.27 0.00	24.45 -0.39 0.00	26.81 -0.40 0.00	27.88 -0.43 0.00	26.51 -0.56 0.00	26.81 -0.59 0.00	29.74 -0.73 0.00	34.15 -0.73 0.00	36.98 -0.71 0.00	37.30 -0.86 0.00	41.85 -0.41 0.00	51.44 0.06 0.00	46.31 0.68 0.00	28.77 -0.06 0.00	25.21 -0.40 0.00
LI_NEWBRDGE___DRP 323616	5.73 0.98 9.62	12.58 0.94 2.80	15.52 0.85 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.73 0.97 0.00	23.81 0.83 0.00	23.08 0.84 0.00	17.34 0.83 0.00	20.41 1.05 0.00	26.27 1.44 0.00	28.99 1.78 0.00	33.72 1.98 -3.43	28.99 1.92 0.00	32.66 2.04 -3.22	38.16 2.30 -5.38	37.00 2.12 0.00	39.66 1.97 0.00	40.01 1.85 0.00	43.87 1.62 0.00	53.63 2.24 0.00	47.21 1.59 0.00	30.09 1.26 0.00	26.99 1.38 0.00
LOCKPORT_115KV_TB60_63_64 80432	13.73 -0.63 0.00	13.88 -0.56 0.00	13.81 -0.86 0.00	11.12 -0.58 0.00	13.38 -0.52 0.00	20.67 -1.09 0.00	21.69 -1.29 0.00	21.33 -0.91 0.00	15.81 -0.70 0.00	18.62 -0.75 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.96 -1.35 0.00	25.68 -1.39 0.00	26.00 -1.40 0.00	28.62 -1.85 0.00	32.82 -2.05 0.00	34.98 -2.71 0.00	35.35 -2.82 0.00	39.21 -3.04 0.00	47.59 -3.79 0.00	42.67 -2.95 0.00	27.09 -1.74 0.00	24.30 -1.31 0.00
LOCKPORT___CC1 323769	13.71 -0.63 0.02	13.89 -0.55 0.00	13.82 -0.85 0.00	11.13 -0.56 0.00	13.38 -0.51 0.01	20.50 -1.07 0.18	21.47 -1.28 0.23	20.60 -0.90 0.73	15.81 -0.70 0.00	18.62 -0.74 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.98 -1.34 0.00	25.69 -1.38 0.00	26.00 -1.40 0.00	28.63 -1.85 0.00	32.83 -2.04 0.00	35.00 -2.69 0.00	35.36 -2.81 0.00	39.21 -3.05 0.00	47.60 -3.79 0.00	42.67 -2.96 0.00	27.08 -1.75 0.00	24.30 -1.31 0.00
LOCKPORT___CC2 323770	13.71 -0.63 0.02	13.89 -0.55 0.00	13.82 -0.85 0.00	11.13 -0.56 0.00	13.38 -0.51 0.01	20.50 -1.07 0.18	21.47 -1.28 0.23	20.60 -0.90 0.73	15.81 -0.70 0.00	18.62 -0.74 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.98 -1.34 0.00	25.69 -1.38 0.00	26.00 -1.40 0.00	28.63 -1.85 0.00	32.83 -2.04 0.00	35.00 -2.69 0.00	35.36 -2.81 0.00	39.21 -3.05 0.00	47.60 -3.79 0.00	42.67 -2.96 0.00	27.08 -1.75 0.00	24.30 -1.31 0.00
LOCKPORT___CC3 323771	13.71 -0.63 0.02	13.89 -0.55 0.00	13.82 -0.85 0.00	11.13 -0.56 0.00	13.38 -0.51 0.01	20.50 -1.07 0.18	21.47 -1.28 0.23	20.60 -0.90 0.73	15.81 -0.70 0.00	18.62 -0.74 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.98 -1.34 0.00	25.69 -1.38 0.00	26.00 -1.40 0.00	28.63 -1.85 0.00	32.83 -2.04 0.00	35.00 -2.69 0.00	35.36 -2.81 0.00	39.21 -3.05 0.00	47.60 -3.79 0.00	42.67 -2.96 0.00	27.08 -1.75 0.00	24.30 -1.31 0.00
LOCUSVLY_69_KV_BK2 55797	25.92 1.05 -10.51	17.73 1.03 -2.26	15.62 0.95 0.00	12.51 0.81 0.00	14.76 0.86 0.00	22.87 1.11 0.00	23.98 1.00 0.00	23.24 1.01 0.00	17.47 0.96 0.00	20.58 1.21 0.00	26.47 1.63 0.00	29.23 2.02 0.00	38.84 2.21 -8.32	29.22 2.14 0.00	35.01 2.25 -5.35	41.96 2.52 -8.96	37.29 2.42 0.00	40.04 2.36 0.00	40.35 2.18 0.00	44.26 2.01 0.00	54.02 2.63 0.00	47.54 1.92 0.00	30.28 1.46 0.00	27.16 1.55 0.00
LONG_LAKE_PHOENIX 24014	13.92 -0.44 0.00	14.02 -0.42 0.00	14.18 -0.49 0.00	11.35 -0.35 0.00	13.50 -0.40 0.00	21.04 -0.71 0.00	22.19 -0.80 0.00	21.48 -0.75 0.00	15.88 -0.63 0.00	18.61 -0.76 0.00	23.87 -0.97 0.00	26.08 -1.13 0.00	27.15 -1.17 0.00	25.96 -1.12 0.00	26.30 -1.10 0.00	29.27 -1.21 0.00	33.58 -1.30 0.00	36.34 -1.35 0.00	36.87 -1.30 0.00	40.85 -1.40 0.00	49.68 -1.71 0.00	44.09 -1.53 0.00	27.87 -0.96 0.00	24.79 -0.82 0.00
LOVETT___3 23632	15.05 0.68 0.00	15.19 0.75 0.00	15.38 0.71 0.00	12.31 0.61 0.00	14.52 0.62 0.00	22.48 0.72 0.00	23.59 0.61 0.00	22.94 0.70 0.00	17.18 0.67 0.00	20.25 0.88 0.00	25.98 1.14 0.00	28.59 1.38 0.00	29.81 1.49 0.00	28.57 1.50 0.00	28.95 1.55 0.00	32.22 1.74 0.00	36.66 1.79 0.00	39.45 1.76 0.00	39.79 1.63 0.00	43.77 1.51 0.00	53.17 1.78 0.00	46.94 1.31 0.00	29.80 0.97 0.00	26.63 1.02 0.00
LOVETT___4 23642	15.05 0.68 0.00	15.19 0.75 0.00	15.38 0.71 0.00	12.31 0.61 0.00	14.52 0.62 0.00	22.48 0.72 0.00	23.59 0.61 0.00	22.94 0.70 0.00	17.18 0.67 0.00	20.25 0.88 0.00	25.98 1.14 0.00	28.59 1.38 0.00	29.81 1.49 0.00	28.57 1.50 0.00	28.95 1.55 0.00	32.22 1.74 0.00	36.66 1.79 0.00	39.45 1.76 0.00	39.79 1.63 0.00	43.77 1.51 0.00	53.17 1.78 0.00	46.94 1.31 0.00	29.80 0.97 0.00	26.63 1.02 0.00
LOVETT___5 23593	15.05 0.68 0.00	15.19 0.75 0.00	15.38 0.71 0.00	12.31 0.61 0.00	14.52 0.62 0.00	22.48 0.72 0.00	23.59 0.61 0.00	22.94 0.70 0.00	17.18 0.67 0.00	20.25 0.88 0.00	25.98 1.14 0.00	28.59 1.38 0.00	29.81 1.49 0.00	28.57 1.50 0.00	28.95 1.55 0.00	32.22 1.74 0.00	36.66 1.79 0.00	39.45 1.76 0.00	39.79 1.63 0.00	43.77 1.51 0.00	53.17 1.78 0.00	46.94 1.31 0.00	29.80 0.97 0.00	26.63 1.02 0.00
LOWER RAQUET___HYD 24057	13.77 -0.59 0.00	13.78 -0.66 0.00	13.99 -0.68 0.00	8.96 -0.58 2.16	13.30 -0.60 0.00	21.09 -0.66 0.00	22.45 -0.53 0.00	21.64 -0.60 0.00	16.08 -0.43 0.00	18.87 -0.50 0.00	24.17 -0.67 0.00	26.53 -0.67 0.00	27.60 -0.72 0.00	26.21 -0.86 0.00	26.51 -0.89 0.00	29.41 -1.07 0.00	33.75 -1.12 0.00	36.54 -1.15 0.00	36.83 -1.33 0.00	41.18 -1.08 0.00	50.38 -1.00 0.00	45.31 -0.31 0.00	28.17 -0.66 0.00	24.71 -0.90 0.00
LOWER___HUDSON 24059	14.70 0.34 0.00	14.80 0.36 0.00	15.05 0.39 0.00	12.02 0.32 0.00	14.28 0.38 0.00	22.15 0.40 0.00	23.33 0.35 0.00	22.33 0.09 0.00	16.45 -0.06 0.00	19.22 -0.15 0.00	24.65 -0.19 0.00	26.99 -0.22 0.00	28.07 -0.25 0.00	26.83 -0.24 0.00	27.12 -0.28 0.00	30.23 -0.25 0.00	34.64 -0.23 0.00	37.65 -0.04 0.00	38.28 0.12 0.00	42.46 0.20 0.00	51.60 0.21 0.00	45.70 0.08 0.00	29.09 0.26 0.00	26.06 0.45 0.00
LOWVILLE_115KV_TB2 356335	14.18 -0.18 0.00	14.27 -0.17 0.00	14.38 -0.29 0.00	10.99 -0.18 0.53	13.82 -0.09 0.00	21.63 -0.12 0.00	22.72 -0.27 0.00	21.75 -0.49 0.00	16.13 -0.38 0.00	18.87 -0.50 0.00	24.15 -0.69 0.00	26.45 -0.76 0.00	27.52 -0.79 0.00	26.28 -0.79 0.00	26.55 -0.85 0.00	29.45 -1.03 0.00	33.94 -0.94 0.00	36.95 -0.74 0.00	37.87 -0.29 0.00	42.40 0.14 0.00	51.94 0.55 0.00	46.28 0.66 0.00	29.03 0.20 0.00	25.66 0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	14.88 0.52 0.00	14.98 0.54 0.00	15.23 0.57 0.00	12.16 0.46 0.00	14.45 0.55 0.00	22.48 0.72 0.00	23.72 0.74 0.00	22.72 0.48 0.00	16.73 0.22 0.00	19.57 0.20 0.00	25.01 0.17 0.00	27.36 0.15 0.00	28.42 0.11 0.00	27.14 0.06 0.00	27.43 0.03 0.00	30.56 0.08 0.00	35.12 0.24 0.00	38.21 0.52 0.00	38.87 0.71 0.00	43.13 0.87 0.00	52.47 1.08 0.00	46.46 0.84 0.00	29.47 0.64 0.00	26.41 0.80 0.00

LUTHERNY_35_KV_BK2 355980	14.88 0.51 0.00	14.98 0.54 0.00	15.26 0.59 0.00	12.16 0.46 0.00	14.46 0.55 0.00	22.49 0.74 0.00	23.72 0.74 0.00	22.73 0.49 0.00	16.72 0.21 0.00	19.61 0.24 0.00	25.02 0.18 0.00	27.36 0.15 0.00	28.42 0.11 0.00	27.13 0.06 0.00	27.43 0.03 0.00	30.57 0.09 0.00	35.12 0.25 0.00	38.20 0.51 0.00	38.88 0.72 0.00	43.14 0.89 0.00	52.47 1.08 0.00	46.47 0.84 0.00	29.46 0.63 0.00	26.41 0.81 0.00
LWR___OSWEGATCHIE_HYD 23850	13.81 -0.56 0.00	13.85 -0.59 0.00	14.01 -0.66 0.00	9.75 -0.52 1.43	13.40 -0.51 0.00	21.11 -0.64 0.00	22.32 -0.67 0.00	21.41 -0.82 0.00	15.88 -0.63 0.00	18.59 -0.77 0.00	23.80 -1.03 0.00	26.11 -1.11 0.00	27.16 -1.16 0.00	25.87 -1.21 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.37 -1.51 0.00	36.26 -1.43 0.00	36.87 -1.29 0.00	41.30 -0.96 0.00	50.60 -0.79 0.00	45.30 -0.32 0.00	28.28 -0.55 0.00	24.89 -0.72 0.00
LYONS_FALL_HYD 23570	14.33 -0.04 0.00	14.41 -0.03 0.00	14.57 -0.10 0.00	11.36 -0.04 0.30	13.93 0.03 0.00	21.79 0.04 0.00	22.92 -0.06 0.00	22.03 -0.21 0.00	16.32 -0.19 0.00	19.09 -0.28 0.00	24.44 -0.40 0.00	26.75 -0.46 0.00	27.84 -0.47 0.00	26.60 -0.47 0.00	26.91 -0.49 0.00	29.90 -0.58 0.00	34.43 -0.45 0.00	37.43 -0.26 0.00	38.24 0.08 0.00	42.65 0.40 0.00	52.08 0.70 0.00	46.31 0.69 0.00	29.12 0.29 0.00	25.80 0.19 0.00
MADISON___COUNTY_LFGE 323628	14.60 0.23 0.00	14.70 0.25 0.00	14.88 0.21 0.00	11.90 0.20 0.00	14.16 0.26 0.00	22.11 0.36 0.00	23.31 0.33 0.00	22.47 0.23 0.00	16.59 0.07 0.00	19.40 0.03 0.00	24.85 0.01 0.00	27.18 -0.03 0.00	28.29 -0.03 0.00	27.06 -0.01 0.00	27.42 0.02 0.00	30.53 0.06 0.00	35.10 0.22 0.00	38.13 0.44 0.00	38.86 0.70 0.00	43.13 0.87 0.00	52.47 1.09 0.00	46.54 0.91 0.00	29.35 0.52 0.00	26.08 0.47 0.00
MALONE___115KV_TB1 356076	13.98 -0.39 0.00	13.98 -0.46 0.00	14.19 -0.48 0.00	8.72 -0.44 2.54	13.46 -0.45 0.00	21.37 -0.38 0.00	22.80 -0.18 0.00	22.20 -0.04 0.00	16.52 0.01 0.00	19.39 0.03 0.00	24.86 0.02 0.00	27.21 0.00 0.00	28.31 0.00 0.00	26.97 -0.10 0.00	27.28 -0.12 0.00	30.24 -0.24 0.00	34.66 -0.21 0.00	37.53 -0.16 0.00	37.99 -0.18 0.00	42.44 0.18 0.00	51.84 0.46 0.00	46.35 0.72 0.00	28.96 0.13 0.00	25.43 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	14.66 0.29 0.00	14.75 0.31 0.00	14.99 0.32 0.00	11.98 0.28 0.00	14.22 0.32 0.00	22.06 0.31 0.00	23.20 0.22 0.00	22.27 0.03 0.00	16.46 -0.05 0.00	19.25 -0.12 0.00	24.73 -0.11 0.00	27.10 -0.11 0.00	28.18 -0.13 0.00	26.96 -0.11 0.00	27.27 -0.13 0.00	30.41 -0.06 0.00	34.81 -0.06 0.00	37.74 0.05 0.00	38.31 0.15 0.00	42.44 0.18 0.00	51.56 0.17 0.00	45.67 0.04 0.00	29.05 0.22 0.00	26.01 0.40 0.00
MAPLE_RIDGE_WT_1 323574	14.25 -0.11 0.00	14.32 -0.12 0.00	14.53 -0.14 0.00	12.74 -0.10 -1.14	13.80 -0.10 0.00	21.60 -0.16 0.00	22.81 -0.17 0.00	22.07 -0.16 0.00	16.43 -0.08 0.00	19.28 -0.09 0.00	24.72 -0.12 0.00	27.08 -0.14 0.00	28.17 -0.14 0.00	26.92 -0.15 0.00	27.23 -0.17 0.00	30.29 -0.18 0.00	34.69 -0.18 0.00	37.46 -0.23 0.00	37.93 -0.23 0.00	42.07 -0.19 0.00	51.18 -0.20 0.00	45.49 -0.14 0.00	28.72 -0.11 0.00	25.50 -0.11 0.00
MAPLE_RIDGE_WT_2 323611	14.25 -0.11 0.00	14.32 -0.12 0.00	14.53 -0.14 0.00	12.74 -0.10 -1.14	13.80 -0.10 0.00	21.60 -0.16 0.00	22.81 -0.17 0.00	22.07 -0.16 0.00	16.43 -0.08 0.00	19.28 -0.09 0.00	24.72 -0.12 0.00	27.08 -0.14 0.00	28.17 -0.14 0.00	26.92 -0.15 0.00	27.23 -0.17 0.00	30.29 -0.18 0.00	34.69 -0.18 0.00	37.46 -0.23 0.00	37.93 -0.23 0.00	42.07 -0.19 0.00	51.18 -0.20 0.00	45.49 -0.14 0.00	28.72 -0.11 0.00	25.50 -0.11 0.00
MARBLE_RIVER_WT_PWR 323696	14.01 -0.35 0.00	14.02 -0.42 0.00	14.23 -0.44 0.00	8.57 -0.40 2.72	13.48 -0.43 0.00	21.37 -0.38 0.00	22.80 -0.18 0.00	22.28 0.04 0.00	16.61 0.10 0.00	19.55 0.19 0.00	25.07 0.23 0.00	27.41 0.20 0.00	28.54 0.23 0.00	27.23 0.16 0.00	27.53 0.13 0.00	30.49 0.02 0.00	34.95 0.08 0.00	37.85 0.16 0.00	38.31 0.15 0.00	42.66 0.40 0.00	51.99 0.61 0.00	46.34 0.72 0.00	29.05 0.22 0.00	25.60 -0.01 0.00
MARSHVLE_115KV_TB1 80742	14.95 0.59 0.00	15.02 0.57 0.00	15.20 0.53 0.00	12.11 0.41 0.00	14.47 0.56 0.00	22.70 0.94 0.00	23.90 0.92 0.00	22.97 0.73 0.00	16.87 0.36 0.00	19.71 0.34 0.00	25.33 0.49 0.00	27.69 0.48 0.00	28.77 0.46 0.00	27.51 0.44 0.00	27.93 0.53 0.00	31.15 0.67 0.00	35.77 0.90 0.00	38.96 1.27 0.00	39.74 1.58 0.00	44.32 2.07 0.00	54.09 2.70 0.00	48.35 2.72 0.00	30.43 1.60 0.00	26.89 1.28 0.00
MARSH_HILL_WT_PWR 323713	14.26 -0.10 0.00	14.44 0.00 0.00	14.46 -0.21 0.00	11.67 -0.03 0.00	13.96 0.06 0.00	21.66 -0.10 0.00	22.74 -0.24 0.00	22.49 -0.05 -0.30	16.95 0.44 0.00	19.64 0.27 0.00	25.07 0.23 0.00	27.19 -0.02 0.00	28.19 -0.13 0.00	26.75 -0.32 0.00	27.09 -0.31 0.00	29.88 -0.60 0.00	34.33 -0.54 0.00	37.20 -0.48 0.00	37.76 -0.41 0.00	42.07 -0.18 0.00	50.94 -0.45 0.00	45.03 -0.60 0.00	28.30 -0.53 0.00	25.30 -0.31 0.00
MCINTYRE_115KV_TB2 80467	14.15 -0.21 0.00	14.16 -0.28 0.00	14.36 -0.31 0.00	9.13 -0.29 2.28	13.66 -0.24 0.00	21.68 -0.07 0.00	23.13 0.15 0.00	22.21 -0.03 0.00	16.45 -0.06 0.00	19.30 -0.06 0.00	24.72 -0.11 0.00	27.08 -0.13 0.00	28.17 -0.15 0.00	26.80 -0.27 0.00	27.10 -0.30 0.00	30.08 -0.39 0.00	34.52 -0.36 0.00	37.34 -0.35 0.00	37.62 -0.54 0.00	42.22 -0.04 0.00	52.04 0.66 0.00	46.86 1.23 0.00	29.11 0.29 0.00	25.50 -0.11 0.00
MECO_____69_KV_BK1 80468	15.08 0.72 0.00	15.15 0.71 0.00	15.36 0.69 0.00	12.26 0.56 0.00	14.61 0.70 0.00	22.86 1.10 0.00	24.08 1.10 0.00	22.94 0.70 0.00	16.70 0.19 0.00	19.39 0.02 0.00	24.80 -0.04 0.00	27.13 -0.08 0.00	28.21 -0.11 0.00	26.95 -0.12 0.00	27.34 -0.06 0.00	30.54 0.06 0.00	35.37 0.49 0.00	38.76 1.07 0.00	39.76 1.60 0.00	44.53 2.28 0.00	54.40 3.02 0.00	48.41 2.78 0.00	30.50 1.67 0.00	27.02 1.41 0.00
MENANDS___115KV_TB5 355628	14.60 0.23 0.00	14.70 0.25 0.00	14.94 0.27 0.00	11.93 0.23 0.00	14.16 0.26 0.00	21.97 0.21 0.00	23.08 0.11 0.00	22.16 -0.08 0.00	16.39 -0.12 0.00	19.17 -0.20 0.00	24.64 -0.20 0.00	27.01 -0.20 0.00	28.08 -0.24 0.00	26.87 -0.20 0.00	27.18 -0.22 0.00	30.31 -0.17 0.00	34.65 -0.23 0.00	37.54 -0.15 0.00	38.10 -0.07 0.00	42.18 -0.08 0.00	51.21 -0.17 0.00	45.37 -0.26 0.00	28.89 0.06 0.00	25.89 0.28 0.00
MG INDUSTRY___DRP 24185	14.63 0.27 0.00	14.75 0.31 0.00	14.99 0.32 0.00	11.98 0.28 0.00	14.22 0.32 0.00	22.07 0.32 0.00	23.20 0.22 0.00	22.26 0.02 0.00	16.46 -0.05 0.00	19.24 -0.13 0.00	24.71 -0.13 0.00	27.09 -0.13 0.00	28.15 -0.17 0.00	26.92 -0.15 0.00	27.25 -0.15 0.00	30.38 -0.10 0.00	34.79 -0.09 0.00	37.70 0.01 0.00	38.28 0.12 0.00	42.40 0.14 0.00	51.54 0.16 0.00	45.67 0.05 0.00	29.04 0.21 0.00	25.98 0.37 0.00

MID___OSWEGATCHIE_HYD 23849	13.81 -0.56 0.00	13.85 -0.59 0.00	14.01 -0.66 0.00	9.75 -0.52 1.43	13.40 -0.51 0.00	21.11 -0.64 0.00	22.32 -0.67 0.00	21.41 -0.82 0.00	15.88 -0.63 0.00	18.59 -0.77 0.00	23.80 -1.03 0.00	26.11 -1.11 0.00	27.16 -1.16 0.00	25.87 -1.21 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.37 -1.51 0.00	36.26 -1.43 0.00	36.87 -1.29 0.00	41.30 -0.96 0.00	50.60 -0.79 0.00	45.30 -0.32 0.00	28.28 -0.55 0.00	24.89 -0.72 0.00
MID___RAQUETTE_HYD 23851	13.77 -0.59 0.00	13.78 -0.66 0.00	13.99 -0.68 0.00	8.96 -0.58 2.16	13.30 -0.61 0.00	21.09 -0.66 0.00	22.45 -0.53 0.00	21.64 -0.60 0.00	16.08 -0.43 0.00	18.87 -0.50 0.00	24.17 -0.67 0.00	26.53 -0.67 0.00	27.60 -0.72 0.00	26.21 -0.86 0.00	26.51 -0.89 0.00	29.41 -1.07 0.00	33.75 -1.12 0.00	36.54 -1.15 0.00	36.83 -1.33 0.00	41.17 -1.08 0.00	50.38 -1.00 0.00	45.31 -0.32 0.00	28.17 -0.66 0.00	24.71 -0.90 0.00
MILLIKEN___1 23584	14.46 0.09 0.00	14.56 0.12 0.00	14.73 0.06 0.00	11.81 0.11 0.00	14.05 0.14 0.00	21.87 0.11 0.00	23.06 0.08 0.00	22.35 0.11 0.00	16.46 -0.05 0.00	19.22 -0.14 0.00	24.57 -0.27 0.00	26.85 -0.36 0.00	27.96 -0.36 0.00	26.72 -0.35 0.00	27.10 -0.30 0.00	30.21 -0.27 0.00	34.71 -0.16 0.00	37.66 -0.02 0.00	38.30 0.13 0.00	42.42 0.16 0.00	51.65 0.26 0.00	45.82 0.20 0.00	28.93 0.10 0.00	25.71 0.10 0.00
MILLIKEN___2 23585	14.46 0.09 0.00	14.56 0.12 0.00	14.73 0.06 0.00	11.81 0.11 0.00	14.05 0.14 0.00	21.87 0.11 0.00	23.06 0.08 0.00	22.35 0.11 0.00	16.46 -0.05 0.00	19.22 -0.14 0.00	24.57 -0.27 0.00	26.85 -0.36 0.00	27.96 -0.36 0.00	26.72 -0.35 0.00	27.10 -0.30 0.00	30.21 -0.27 0.00	34.71 -0.16 0.00	37.66 -0.02 0.00	38.30 0.13 0.00	42.42 0.16 0.00	51.65 0.26 0.00	45.82 0.20 0.00	28.93 0.10 0.00	25.71 0.10 0.00
MILLIKEN___DIESEL 23629	14.46 0.09 0.00	14.56 0.12 0.00	14.73 0.06 0.00	11.81 0.11 0.00	14.05 0.14 0.00	21.87 0.11 0.00	23.06 0.08 0.00	22.35 0.11 0.00	16.46 -0.05 0.00	19.22 -0.14 0.00	24.57 -0.27 0.00	26.85 -0.36 0.00	27.96 -0.36 0.00	26.72 -0.35 0.00	27.10 -0.30 0.00	30.21 -0.27 0.00	34.71 -0.16 0.00	37.66 -0.02 0.00	38.30 0.13 0.00	42.42 0.16 0.00	51.65 0.26 0.00	45.82 0.20 0.00	28.93 0.10 0.00	25.71 0.10 0.00
MILLSEAT___LFGE 323607	13.95 -0.39 0.02	14.11 -0.33 0.00	14.07 -0.60 0.00	11.32 -0.37 0.00	13.61 -0.28 0.01	20.93 -0.66 0.16	21.98 -0.79 0.21	21.10 -0.47 0.67	16.10 -0.41 0.00	18.86 -0.51 0.00	24.20 -0.64 0.00	26.34 -0.87 0.00	27.32 -0.99 0.00	26.07 -1.00 0.00	26.37 -1.03 0.00	29.11 -1.37 0.00	33.50 -1.38 0.00	35.88 -1.81 0.00	36.32 -1.85 0.00	40.32 -1.94 0.00	48.99 -2.40 0.00	43.87 -1.75 0.00	27.77 -1.07 0.00	24.85 -0.76 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	15.09 0.72 0.00	15.22 0.78 0.00	15.42 0.75 0.00	12.34 0.64 0.00	14.56 0.66 0.00	22.53 0.78 0.00	23.66 0.68 0.00	23.00 0.77 0.00	17.23 0.72 0.00	20.30 0.93 0.00	26.04 1.20 0.00	28.66 1.45 0.00	29.88 1.57 0.00	28.63 1.57 0.00	29.02 1.62 0.00	32.30 1.83 0.00	36.76 1.89 0.00	39.55 1.87 0.00	39.90 1.74 0.00	43.89 1.63 0.00	53.32 1.94 0.00	47.06 1.44 0.00	29.88 1.05 0.00	26.69 1.08 0.00
MILLWOOD_13_KV_LOAD 356217	15.11 0.74 0.00	15.24 0.80 0.00	15.43 0.76 0.00	12.35 0.65 0.00	14.58 0.68 0.00	22.56 0.81 0.00	23.69 0.71 0.00	23.03 0.79 0.00	17.25 0.74 0.00	20.33 0.96 0.00	26.08 1.24 0.00	28.69 1.48 0.00	29.92 1.60 0.00	28.68 1.61 0.00	29.06 1.66 0.00	32.35 1.87 0.00	36.82 1.94 0.00	39.62 1.93 0.00	39.97 1.81 0.00	43.96 1.71 0.00	53.41 2.03 0.00	47.13 1.50 0.00	29.92 1.09 0.00	26.73 1.12 0.00
MODEL_CITY_ENERGY 24167	13.59 -0.75 0.02	13.76 -0.68 0.00	13.68 -0.99 0.00	11.02 -0.68 0.00	13.25 -0.64 0.02	20.27 -1.28 0.20	21.22 -1.51 0.25	20.32 -1.13 0.79	15.67 -0.85 0.00	18.46 -0.91 0.00	23.72 -1.12 0.00	25.78 -1.43 0.00	26.73 -1.58 0.00	25.46 -1.61 0.00	25.77 -1.63 0.00	28.36 -2.12 0.00	32.50 -2.38 0.00	34.62 -3.07 0.00	34.96 -3.21 0.00	38.76 -3.50 0.00	47.03 -4.35 0.00	42.20 -3.42 0.00	26.81 -2.02 0.00	24.06 -1.55 0.00
MODERN_LFGE___ 323580	13.59 -0.75 0.02	13.76 -0.68 0.00	13.68 -0.99 0.00	11.02 -0.68 0.00	13.25 -0.64 0.02	20.27 -1.28 0.20	21.22 -1.51 0.25	20.32 -1.13 0.79	15.67 -0.85 0.00	18.46 -0.91 0.00	23.72 -1.12 0.00	25.78 -1.43 0.00	26.73 -1.58 0.00	25.46 -1.61 0.00	25.77 -1.63 0.00	28.36 -2.12 0.00	32.50 -2.38 0.00	34.62 -3.07 0.00	34.96 -3.21 0.00	38.76 -3.50 0.00	47.03 -4.35 0.00	42.20 -3.42 0.00	26.81 -2.02 0.00	24.06 -1.55 0.00
MOHAWK_PAPER___DRP 24187	14.66 0.29 0.00	14.75 0.31 0.00	14.99 0.32 0.00	11.98 0.28 0.00	14.22 0.32 0.00	22.06 0.31 0.00	23.20 0.22 0.00	22.27 0.03 0.00	16.46 -0.05 0.00	19.25 -0.12 0.00	24.73 -0.11 0.00	27.10 -0.11 0.00	28.18 -0.13 0.00	26.96 -0.11 0.00	27.27 -0.13 0.00	30.41 -0.06 0.00	34.81 -0.06 0.00	37.74 0.05 0.00	38.31 0.15 0.00	42.44 0.18 0.00	51.56 0.17 0.00	45.67 0.04 0.00	29.05 0.22 0.00	26.01 0.40 0.00
MOHICAN___35_KV_115KV_LD 80490	14.94 0.57 0.00	15.07 0.63 0.00	15.30 0.63 0.00	12.22 0.52 0.00	14.53 0.62 0.00	22.62 0.87 0.00	23.99 1.01 0.00	22.86 0.61 0.00	16.81 0.30 0.00	19.72 0.36 0.00	25.06 0.22 0.00	27.38 0.17 0.00	28.41 0.09 0.00	27.03 -0.04 0.00	27.24 -0.17 0.00	30.28 -0.20 0.00	34.89 0.01 0.00	38.07 0.38 0.00	38.82 0.66 0.00	43.07 0.82 0.00	52.48 1.10 0.00	46.47 0.84 0.00	29.40 0.57 0.00	26.50 0.89 0.00
MONGAUP___HYD 23641	15.03 0.66 0.00	15.14 0.70 0.00	15.34 0.67 0.00	12.28 0.59 0.00	14.51 0.61 0.00	22.51 0.75 0.00	23.67 0.69 0.00	22.94 0.70 0.00	17.02 0.51 0.00	19.95 0.58 0.00	25.56 0.73 0.00	28.08 0.87 0.00	29.26 0.95 0.00	28.05 0.97 0.00	28.42 1.02 0.00	31.42 0.94 0.00	35.74 0.87 0.00	38.74 1.05 0.00	39.30 1.13 0.00	43.39 1.13 0.00	52.86 1.47 0.00	47.09 1.47 0.00	29.83 1.00 0.00	26.74 1.13 0.00
MONTAUK___DIESEL 23721	10.68 1.81 5.49	14.32 1.63 1.75	16.11 1.44 0.00	13.00 1.30 0.00	15.35 1.45 0.00	23.76 2.01 0.00	24.96 1.98 0.00	24.26 2.02 0.00	18.26 1.75 0.00	21.52 2.15 0.00	27.63 2.80 0.00	30.44 3.23 0.00	36.03 3.55 -4.16	30.42 3.35 0.00	34.35 3.50 -3.45	40.20 3.94 -5.78	38.18 3.30 0.00	40.09 2.41 0.00	39.80 1.63 0.00	43.38 1.12 0.00	54.13 2.74 0.00	47.49 1.87 0.00	30.22 1.39 0.00	27.16 1.55 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	14.20 -0.17 0.00	14.35 -0.09 0.00	14.29 -0.38 0.00	11.49 -0.21 0.00	13.72 -0.18 0.00	21.36 -0.40 0.00	22.65 -0.33 0.00	22.37 0.13 0.00	16.58 0.07 0.00	19.66 0.29 0.00	25.27 0.43 0.00	27.40 0.19 0.00	28.32 0.00 0.00	26.90 -0.17 0.00	27.19 -0.21 0.00	29.94 -0.54 0.00	34.45 -0.42 0.00	36.92 -0.77 0.00	37.19 -0.98 0.00	41.03 -1.22 0.00	49.90 -1.49 0.00	44.45 -1.18 0.00	28.14 -0.69 0.00	25.19 -0.42 0.00

MORRIS_RIDGE___SOLAR 323848	14.11 -0.26 -0.01	14.28 -0.16 0.00	14.29 -0.38 0.00	11.51 -0.19 0.00	13.77 -0.14 0.00	21.40 -0.43 -0.07	22.47 -0.60 -0.09	22.05 -0.49 -0.30	15.90 -0.62 0.00	18.66 -0.71 0.00	23.97 -0.87 0.00	26.17 -1.04 0.00	27.14 -1.18 0.00	25.83 -1.25 0.00	26.16 -1.24 0.00	28.93 -1.55 0.00	33.33 -1.55 0.00	35.89 -1.80 0.00	36.47 -1.70 0.00	40.50 -1.75 0.00	49.14 -2.25 0.00	43.82 -1.81 0.00	27.70 -1.13 0.00	24.76 -0.85 0.00
MORTIMER_115KV_TB3 55949	13.98 -0.39 0.00	14.09 -0.35 0.00	14.15 -0.52 0.00	11.36 -0.34 0.00	13.59 -0.32 0.00	21.11 -0.65 0.00	22.23 -0.75 0.00	21.72 -0.52 0.00	16.08 -0.43 0.00	18.91 -0.46 0.00	24.25 -0.58 0.00	26.45 -0.76 0.00	27.49 -0.83 0.00	26.23 -0.84 0.00	26.57 -0.83 0.00	29.45 -1.02 0.00	33.79 -1.09 0.00	36.27 -1.42 0.00	36.69 -1.47 0.00	40.67 -1.58 0.00	49.42 -1.97 0.00	44.08 -1.55 0.00	27.85 -0.98 0.00	24.86 -0.75 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	15.19 0.82 0.00	15.32 0.88 0.00	15.51 0.84 0.00	12.41 0.72 0.00	14.65 0.75 0.00	22.65 0.89 0.00	23.78 0.80 0.00	23.14 0.90 0.00	17.36 0.85 0.00	20.47 1.10 0.00	26.26 1.42 0.00	28.91 1.70 0.00	30.14 1.83 0.00	28.90 1.83 0.00	29.29 1.89 0.00	32.59 2.11 0.00	37.06 2.18 0.00	39.86 2.17 0.00	40.18 2.02 0.00	44.17 1.91 0.00	53.64 2.26 0.00	47.32 1.69 0.00	30.04 1.21 0.00	26.83 1.22 0.00
MUNSVILLE_WIND_PWR 323609	15.20 0.82 -0.01	15.33 0.89 0.00	15.49 0.83 0.00	12.45 0.75 0.00	14.83 0.92 0.00	23.20 1.37 -0.07	24.52 1.45 -0.09	23.89 1.36 -0.30	17.25 0.75 0.00	20.12 0.75 0.00	25.65 0.81 0.00	27.99 0.78 0.00	29.16 0.84 0.00	27.86 0.79 0.00	28.26 0.86 0.00	31.55 1.07 0.00	36.37 1.50 0.00	39.67 1.98 0.00	40.61 2.45 0.00	45.12 2.86 0.00	54.99 3.60 0.00	48.68 3.05 0.00	30.45 1.62 0.00	27.00 1.39 0.00
N SALMON___HYD 24042	13.98 -0.39 0.00	13.98 -0.46 0.00	14.19 -0.48 0.00	8.72 -0.44 2.54	13.46 -0.45 0.00	21.37 -0.38 0.00	22.80 -0.18 0.00	22.20 -0.04 0.00	16.52 0.01 0.00	19.39 0.03 0.00	24.86 0.02 0.00	27.21 0.00 0.00	28.31 0.00 0.00	26.97 -0.10 0.00	27.28 -0.12 0.00	30.23 -0.24 0.00	34.66 -0.21 0.00	37.53 -0.16 0.00	37.99 -0.18 0.00	42.44 0.18 0.00	51.84 0.46 0.00	46.34 0.72 0.00	28.96 0.13 0.00	25.43 -0.18 0.00
N.AKRON__115KV_KNAPP 355671	13.96 -0.41 0.00	14.10 -0.34 0.00	14.05 -0.62 0.00	11.31 -0.39 0.00	13.61 -0.30 0.00	21.06 -0.69 0.00	22.15 -0.83 0.00	21.74 -0.50 0.00	16.09 -0.42 0.00	18.87 -0.50 0.00	24.22 -0.62 0.00	26.35 -0.86 0.00	27.33 -0.98 0.00	26.06 -1.01 0.00	26.37 -1.03 0.00	29.10 -1.38 0.00	33.44 -1.44 0.00	35.77 -1.91 0.00	36.21 -1.96 0.00	40.20 -2.06 0.00	48.81 -2.58 0.00	43.74 -1.89 0.00	27.70 -1.13 0.00	24.79 -0.82 0.00
N.E_GEN_SANDY PD 24062	14.78 0.41 0.00	14.88 0.44 0.00	16.32 0.47 -1.18	15.97 0.39 -3.88	16.69 0.46 -2.33	22.25 0.49 0.00	23.38 0.40 0.00	22.62 0.08 -0.30	16.42 -0.09 0.00	19.17 -0.20 0.00	24.63 -0.21 0.00	26.97 -0.24 0.00	28.06 -0.25 0.00	26.83 -0.24 0.00	26.88 -0.30 0.22	29.11 -0.26 1.11	33.80 -0.33 0.75	37.67 -0.10 -0.08	38.20 0.03 0.00	42.41 0.15 0.00	51.50 0.11 0.00	45.62 -0.01 0.00	29.14 0.31 0.00	26.13 0.52 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	15.07 0.71 0.00	15.21 0.77 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.54 0.64 0.00	22.51 0.75 0.00	23.63 0.65 0.00	22.98 0.74 0.00	17.21 0.69 0.00	20.28 0.92 0.00	26.02 1.18 0.00	28.64 1.43 0.00	29.87 1.55 0.00	28.63 1.57 0.00	29.02 1.62 0.00	32.30 1.82 0.00	36.76 1.88 0.00	39.55 1.87 0.00	39.89 1.73 0.00	43.88 1.62 0.00	53.30 1.92 0.00	47.04 1.41 0.00	29.86 1.03 0.00	26.69 1.07 0.00
N.QUEENS_27_KV_LOAD 356247	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.78 0.01	12.37 0.68 0.01	-2.42 0.69 17.02	-18.62 0.82 41.19	23.68 0.70 0.00	23.09 0.85 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.30 1.46 0.00	28.94 1.73 0.00	30.20 1.89 0.00	28.94 1.87 0.00	29.32 1.92 0.00	32.66 2.18 0.00	37.10 2.22 0.00	39.88 2.20 0.00	40.22 2.06 0.00	44.19 1.94 0.00	53.68 2.29 0.00	47.54 1.91 0.00	30.12 1.29 0.00	26.89 1.27 0.00
N.TROY___115KV_TB1 355778	14.70 0.34 0.00	14.80 0.36 0.00	15.05 0.39 0.00	12.02 0.32 0.00	14.28 0.38 0.00	22.15 0.40 0.00	23.33 0.35 0.00	22.33 0.09 0.00	16.45 -0.06 0.00	19.22 -0.15 0.00	24.65 -0.19 0.00	26.99 -0.22 0.00	28.07 -0.25 0.00	26.83 -0.24 0.00	27.12 -0.28 0.00	30.23 -0.25 0.00	34.64 -0.24 0.00	37.65 -0.04 0.00	38.28 0.12 0.00	42.46 0.20 0.00	51.60 0.21 0.00	45.70 0.08 0.00	29.09 0.26 0.00	26.06 0.45 0.00
NARROWS_GT1_1 24228	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT1_2 24229	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT1_3 24230	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT1_4 24231	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT1_5 24232	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00

NARROWS_GT1_6 24233	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT1_7 24234	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT1_8 24235	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_1 24236	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_2 24237	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_3 24238	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_4 24239	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_5 24240	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_6 24241	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_7 24242	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NARROWS_GT2_8 24243	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	14.83 0.47 0.00	14.93 0.50 0.00	15.17 0.51 0.00	12.12 0.42 0.00	14.41 0.50 0.00	22.37 0.61 0.00	23.53 0.55 0.00	22.56 0.32 0.00	16.60 0.08 0.00	19.31 -0.06 0.00	24.75 -0.09 0.00	27.11 -0.10 0.00	28.15 -0.17 0.00	26.95 -0.12 0.00	27.30 -0.11 0.00	30.44 -0.03 0.00	34.93 0.05 0.00	38.02 0.34 0.00	38.75 0.59 0.00	43.09 0.83 0.00	52.43 1.05 0.00	46.45 0.82 0.00	29.47 0.64 0.00	26.34 0.73 0.00
NCHELSEA_115KV_TR2 355582	15.14 0.78 0.00	15.27 0.83 0.00	15.47 0.80 0.00	12.38 0.68 0.00	14.62 0.72 0.00	22.65 0.89 0.00	23.80 0.82 0.00	23.12 0.88 0.00	17.29 0.78 0.00	20.33 0.96 0.00	26.08 1.24 0.00	28.67 1.46 0.00	29.89 1.57 0.00	28.66 1.59 0.00	29.07 1.67 0.00	32.37 1.90 0.00	36.91 2.03 0.00	39.78 2.10 0.00	40.16 2.00 0.00	44.22 1.96 0.00	53.73 2.34 0.00	47.43 1.81 0.00	30.10 1.27 0.00	26.86 1.25 0.00
NEG CAPITAL___MECHNVIL 23645	14.90 0.53 0.00	14.99 0.55 0.00	15.25 0.58 0.00	12.17 0.47 0.00	14.46 0.56 0.00	22.48 0.73 0.00	23.72 0.74 0.00	22.72 0.48 0.00	16.73 0.22 0.00	19.55 0.19 0.00	25.01 0.17 0.00	27.37 0.16 0.00	28.45 0.13 0.00	27.18 0.11 0.00	27.47 0.07 0.00	30.62 0.15 0.00	35.20 0.32 0.00	38.31 0.62 0.00	38.97 0.80 0.00	43.22 0.97 0.00	52.55 1.17 0.00	46.52 0.90 0.00	29.52 0.69 0.00	26.44 0.83 0.00
NEG CENTRAL_HIGH_ACRES 23767	13.74 -0.61 0.01	13.86 -0.58 0.00	13.94 -0.73 0.00	11.19 -0.50 0.00	13.38 -0.52 0.00	20.75 -0.94 0.07	21.82 -1.07 0.09	21.01 -0.90 0.33	15.79 -0.72 0.00	18.57 -0.79 0.00	23.82 -1.02 0.00	25.99 -1.22 0.00	27.02 -1.30 0.00	25.80 -1.27 0.00	26.13 -1.27 0.00	29.03 -1.45 0.00	33.32 -1.55 0.00	35.85 -1.84 0.00	36.28 -1.89 0.00	40.19 -2.07 0.00	48.83 -2.56 0.00	43.50 -2.13 0.00	27.45 -1.38 0.00	24.48 -1.14 0.00

NEG CENTRAL___DRP 24199	14.15 -0.22 0.00	14.27 -0.18 0.00	14.40 -0.27 0.00	11.54 -0.16 0.00	13.76 -0.14 0.00	21.41 -0.35 0.00	22.59 -0.39 0.00	22.11 -0.13 0.00	16.26 -0.25 0.00	18.94 -0.43 0.00	24.26 -0.58 0.00	26.49 -0.72 0.00	27.56 -0.76 0.00	26.32 -0.75 0.00	26.68 -0.72 0.00	29.66 -0.82 0.00	34.09 -0.79 0.00	36.85 -0.84 0.00	37.32 -0.84 0.00	41.30 -0.96 0.00	50.22 -1.16 0.00	44.63 -1.00 0.00	28.26 -0.57 0.00	25.14 -0.47 0.00
NEG CENTRAL___INDECK 23768	14.44 0.08 0.00	14.58 0.13 0.00	14.62 -0.05 0.00	11.76 0.06 0.00	14.07 0.16 0.00	21.90 0.14 0.00	23.09 0.10 0.00	22.38 0.14 0.00	16.29 -0.22 0.00	19.14 -0.23 0.00	24.57 -0.27 0.00	26.79 -0.42 0.00	27.83 -0.49 0.00	26.51 -0.56 0.00	26.87 -0.53 0.00	29.77 -0.71 0.00	34.28 -0.60 0.00	36.97 -0.71 0.00	37.62 -0.54 0.00	41.94 -0.32 0.00	51.06 -0.33 0.00	45.64 0.01 0.00	28.74 -0.09 0.00	25.59 -0.03 0.00
NEG CENTRAL___SENECA 23627	14.20 -0.16 0.00	14.33 -0.11 0.00	14.44 -0.23 0.00	11.59 -0.11 0.00	13.82 -0.08 0.00	21.50 -0.25 0.00	22.69 -0.29 0.00	22.35 0.11 0.00	16.40 -0.11 0.00	19.03 -0.34 0.00	24.37 -0.47 0.00	26.60 -0.61 0.00	27.66 -0.66 0.00	26.41 -0.67 0.00	26.76 -0.64 0.00	29.73 -0.75 0.00	34.18 -0.70 0.00	36.90 -0.79 0.00	37.36 -0.80 0.00	41.37 -0.89 0.00	50.30 -1.08 0.00	44.72 -0.90 0.00	28.33 -0.50 0.00	25.22 -0.39 0.00
NEG CENTRAL___STATE_STREET 24147	14.23 -0.13 0.00	14.30 -0.14 0.00	14.49 -0.18 0.00	11.61 -0.08 0.00	13.83 -0.08 0.00	21.49 -0.26 0.00	22.71 -0.27 0.00	21.98 -0.26 0.00	16.18 -0.33 0.00	18.92 -0.45 0.00	24.22 -0.62 0.00	26.47 -0.73 0.00	27.56 -0.76 0.00	26.34 -0.73 0.00	26.70 -0.70 0.00	29.73 -0.75 0.00	34.17 -0.71 0.00	37.11 -0.58 0.00	37.65 -0.52 0.00	41.58 -0.68 0.00	50.55 -0.83 0.00	44.90 -0.73 0.00	28.46 -0.37 0.00	25.24 -0.37 0.00
NEG MILLWOOD___DRP 24198	15.18 0.81 0.00	15.30 0.86 0.00	15.49 0.82 0.00	12.40 0.70 0.00	14.65 0.75 0.00	22.69 0.94 0.00	23.84 0.86 0.00	23.17 0.93 0.00	17.34 0.83 0.00	20.41 1.04 0.00	26.19 1.35 0.00	28.80 1.59 0.00	30.03 1.71 0.00	28.79 1.72 0.00	29.18 1.77 0.00	32.50 2.02 0.00	37.03 2.15 0.00	39.89 2.20 0.00	40.27 2.10 0.00	44.32 2.07 0.00	53.83 2.44 0.00	47.51 1.88 0.00	30.14 1.31 0.00	26.89 1.28 0.00
NEG NORTH_FLCN_SEA 23793	14.19 -0.18 0.00	14.19 -0.25 0.00	14.39 -0.28 0.00	8.71 -0.28 2.72	13.62 -0.29 0.00	21.58 -0.18 0.00	23.01 0.03 0.00	22.49 0.25 0.00	16.76 0.25 0.00	19.76 0.39 0.00	25.35 0.51 0.00	27.69 0.48 0.00	28.87 0.55 0.00	27.55 0.48 0.00	27.86 0.46 0.00	30.79 0.32 0.00	35.31 0.43 0.00	38.30 0.62 0.00	38.82 0.65 0.00	43.24 0.98 0.00	52.74 1.35 0.00	46.89 1.27 0.00	29.40 0.57 0.00	25.94 0.33 0.00
NEG NORTH_KES_CHATEGAY 23792	13.99 -0.37 0.00	14.00 -0.44 0.00	14.22 -0.45 0.00	8.61 -0.42 2.67	13.46 -0.45 0.00	21.37 -0.38 0.00	22.78 -0.20 0.00	22.25 0.02 0.00	16.59 0.08 0.00	19.52 0.15 0.00	25.02 0.18 0.00	27.35 0.14 0.00	28.48 0.17 0.00	27.16 0.09 0.00	27.46 0.06 0.00	30.43 -0.05 0.00	34.88 0.01 0.00	37.75 0.06 0.00	38.21 0.05 0.00	42.61 0.35 0.00	52.00 0.62 0.00	46.38 0.75 0.00	29.07 0.24 0.00	25.59 -0.02 0.00
NEG NORTH___ALICE_FALLS 23915	14.16 -0.20 0.00	14.17 -0.27 0.00	14.37 -0.30 0.00	8.69 -0.30 2.71	13.60 -0.31 0.00	21.56 -0.19 0.00	23.01 0.03 0.00	22.47 0.23 0.00	16.74 0.23 0.00	19.71 0.34 0.00	25.27 0.43 0.00	27.60 0.39 0.00	28.77 0.46 0.00	27.46 0.40 0.00	27.80 0.40 0.00	30.71 0.23 0.00	35.20 0.33 0.00	38.19 0.50 0.00	38.72 0.56 0.00	43.19 0.93 0.00	52.70 1.31 0.00	46.91 1.28 0.00	29.39 0.55 0.00	25.88 0.27 0.00
NEG NORTH___LWR_SARANAC 23913	14.16 -0.20 0.00	14.17 -0.27 0.00	14.37 -0.30 0.00	8.69 -0.30 2.71	13.60 -0.31 0.00	21.56 -0.19 0.00	23.01 0.03 0.00	22.47 0.23 0.00	16.74 0.23 0.00	19.71 0.34 0.00	25.27 0.43 0.00	27.60 0.39 0.00	28.77 0.46 0.00	27.46 0.40 0.00	27.80 0.40 0.00	30.71 0.23 0.00	35.20 0.33 0.00	38.19 0.50 0.00	38.72 0.56 0.00	43.19 0.93 0.00	52.70 1.31 0.00	46.91 1.28 0.00	29.39 0.55 0.00	25.88 0.27 0.00
NEG NORTH___PLATTSBURG 23628	14.16 -0.20 0.00	14.17 -0.27 0.00	14.37 -0.30 0.00	8.69 -0.30 2.71	13.60 -0.31 0.00	21.56 -0.19 0.00	23.01 0.03 0.00	22.47 0.23 0.00	16.74 0.23 0.00	19.71 0.34 0.00	25.27 0.44 0.00	27.60 0.39 0.00	28.77 0.46 0.00	27.46 0.40 0.00	27.80 0.40 0.00	30.71 0.23 0.00	35.20 0.33 0.00	38.19 0.50 0.00	38.72 0.56 0.00	43.19 0.93 0.00	52.70 1.31 0.00	46.91 1.28 0.00	29.39 0.56 0.00	25.88 0.27 0.00
NEG WEST_LEA_LOCKPORT 23791	13.74 -0.62 0.00	13.89 -0.55 0.00	13.82 -0.85 0.00	11.13 -0.57 0.00	13.39 -0.51 0.00	20.68 -1.07 0.00	21.70 -1.28 0.00	21.33 -0.91 0.00	15.81 -0.70 0.00	18.62 -0.74 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.97 -1.34 0.00	25.68 -1.39 0.00	26.00 -1.40 0.00	28.63 -1.85 0.00	32.83 -2.04 0.00	34.98 -2.70 0.00	35.35 -2.81 0.00	39.22 -3.04 0.00	47.60 -3.79 0.00	42.67 -2.96 0.00	27.08 -1.74 0.00	24.30 -1.31 0.00
NEG WEST___LANCASTR 23811	14.13 -0.23 0.00	14.29 -0.15 0.00	14.28 -0.39 0.00	11.49 -0.21 0.00	13.76 -0.14 0.00	21.31 -0.44 0.00	22.40 -0.58 0.00	22.06 -0.18 0.00	16.30 -0.21 0.00	19.24 -0.12 0.00	24.67 -0.17 0.00	26.81 -0.40 0.00	27.84 -0.47 0.00	26.48 -0.59 0.00	26.80 -0.60 0.00	29.48 -1.00 0.00	33.87 -1.00 0.00	36.21 -1.48 0.00	36.56 -1.60 0.00	40.56 -1.70 0.00	49.26 -2.12 0.00	44.03 -1.60 0.00	27.86 -0.97 0.00	24.99 -0.62 0.00
NEG_PENN_ALLEGHNY 23528	14.36 0.00 0.00	14.51 0.07 0.00	14.66 -0.01 0.00	11.76 0.06 0.00	13.96 0.06 0.00	21.70 -0.06 0.00	22.83 -0.15 0.00	22.45 -0.06 -0.27	16.43 -0.08 0.00	19.30 -0.07 0.00	24.75 -0.09 0.00	27.04 -0.17 0.00	28.15 -0.17 0.00	26.87 -0.20 0.00	27.24 -0.16 0.00	30.22 -0.26 0.00	34.63 -0.25 0.00	37.36 -0.32 0.00	37.84 -0.32 0.00	41.87 -0.39 0.00	50.92 -0.47 0.00	45.17 -0.46 0.00	28.56 -0.27 0.00	25.50 -0.11 0.00
NEG___GEN_MONROE 24207	14.05 -0.31 0.00	14.17 -0.27 0.00	14.21 -0.46 0.00	11.41 -0.29 0.00	13.67 -0.24 0.00	21.23 -0.53 0.00	22.37 -0.61 0.00	21.85 -0.39 0.00	16.16 -0.35 0.00	18.96 -0.41 0.00	24.31 -0.53 0.00	26.50 -0.71 0.00	27.54 -0.78 0.00	26.28 -0.79 0.00	26.60 -0.80 0.00	29.50 -0.98 0.00	33.89 -0.99 0.00	36.40 -1.29 0.00	36.85 -1.31 0.00	40.88 -1.37 0.00	49.69 -1.70 0.00	44.36 -1.27 0.00	28.02 -0.81 0.00	25.01 -0.60 0.00
NEPA___ENERGY 23901	14.08 -0.28 0.00	14.29 -0.15 0.00	14.29 -0.38 0.00	11.50 -0.20 0.00	13.72 -0.19 0.00	21.22 -0.53 0.00	22.28 -0.70 0.00	21.93 -0.31 0.00	16.25 -0.26 0.00	19.26 -0.11 0.00	24.72 -0.12 0.00	26.86 -0.35 0.00	27.90 -0.42 0.00	26.53 -0.54 0.00	26.83 -0.58 0.00	29.50 -0.98 0.00	33.83 -1.05 0.00	36.25 -1.44 0.00	36.57 -1.59 0.00	40.48 -1.78 0.00	49.20 -2.19 0.00	43.84 -1.78 0.00	27.77 -1.06 0.00	24.93 -0.68 0.00

NEVERSINK___HYD 23608	14.87 0.50 0.00	14.98 0.54 0.00	15.18 0.51 0.00	12.16 0.45 0.00	14.35 0.45 0.00	22.26 0.50 0.00	23.41 0.43 0.00	22.74 0.50 0.00	16.97 0.46 0.00	19.94 0.58 0.00	25.55 0.71 0.00	28.04 0.83 0.00	29.21 0.89 0.00	28.01 0.93 0.00	28.41 1.01 0.00	31.65 1.17 0.00	36.15 1.27 0.00	39.03 1.34 0.00	39.48 1.32 0.00	43.53 1.28 0.00	52.90 1.52 0.00	46.71 1.09 0.00	29.60 0.77 0.00	26.40 0.79 0.00
NEWKRMKL_115KV_TB1 55635	14.54 0.18 0.00	14.64 0.20 0.00	14.88 0.21 0.00	11.88 0.18 0.00	14.11 0.21 0.00	21.89 0.13 0.00	23.01 0.03 0.00	22.11 -0.13 0.00	16.37 -0.14 0.00	19.14 -0.22 0.00	24.61 -0.23 0.00	26.98 -0.23 0.00	28.05 -0.27 0.00	26.84 -0.23 0.00	27.15 -0.25 0.00	30.28 -0.20 0.00	34.61 -0.27 0.00	37.49 -0.20 0.00	38.03 -0.13 0.00	42.10 -0.16 0.00	51.13 -0.25 0.00	45.27 -0.36 0.00	28.81 -0.02 0.00	25.81 0.19 0.00
NEWTON___FALLS_HYD 23847	13.81 -0.56 0.00	13.85 -0.59 0.00	14.01 -0.66 0.00	9.75 -0.52 1.43	13.40 -0.51 0.00	21.11 -0.64 0.00	22.32 -0.67 0.00	21.41 -0.82 0.00	15.88 -0.63 0.00	18.59 -0.77 0.00	23.80 -1.03 0.00	26.11 -1.11 0.00	27.16 -1.16 0.00	25.87 -1.21 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.37 -1.51 0.00	36.26 -1.43 0.00	36.87 -1.29 0.00	41.30 -0.96 0.00	50.60 -0.79 0.00	45.30 -0.32 0.00	28.28 -0.55 0.00	24.89 -0.72 0.00
NGRID_A1_DSASP 323792	13.56 -0.78 0.03	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.29 -0.60 0.02	20.28 -1.26 0.21	21.16 -1.56 0.27	20.25 -1.16 0.84	15.62 -0.89 0.00	18.54 -0.82 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.55 -1.52 0.00	25.86 -1.54 0.00	28.49 -1.98 0.00	32.63 -2.24 0.00	34.53 -3.16 0.00	34.83 -3.33 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
NGRID_A2_DSASP 323793	13.56 -0.78 0.03	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.29 -0.60 0.02	20.28 -1.26 0.21	21.16 -1.56 0.27	20.25 -1.16 0.84	15.62 -0.89 0.00	18.54 -0.82 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.55 -1.52 0.00	25.86 -1.54 0.00	28.49 -1.98 0.00	32.63 -2.24 0.00	34.53 -3.16 0.00	34.83 -3.33 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
NGRID_A4_DSASP 323807	13.56 -0.78 0.03	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.29 -0.60 0.02	20.28 -1.26 0.21	21.16 -1.56 0.27	20.25 -1.16 0.84	15.62 -0.89 0.00	18.54 -0.82 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.55 -1.52 0.00	25.86 -1.54 0.00	28.49 -1.98 0.00	32.63 -2.24 0.00	34.53 -3.16 0.00	34.83 -3.33 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
NIAGARA_115E_LBMP 323715	13.52 -0.82 0.03	13.69 -0.74 0.00	13.61 -1.06 0.00	10.96 -0.74 0.00	13.18 -0.70 0.02	20.16 -1.39 0.20	21.09 -1.63 0.26	20.18 -1.25 0.81	15.59 -0.92 0.00	18.37 -1.00 0.00	23.61 -1.22 0.00	25.67 -1.55 0.00	26.61 -1.71 0.00	25.35 -1.72 0.00	25.65 -1.75 0.00	28.22 -2.25 0.00	32.32 -2.56 0.00	34.40 -3.29 0.00	34.74 -3.43 0.00	38.51 -3.75 0.00	46.73 -4.66 0.00	41.94 -3.69 0.00	26.67 -2.17 0.00	23.93 -1.68 0.00
NIAGARA_115W_LBMP 323714	13.51 -0.82 0.03	13.75 -0.69 0.00	13.71 -0.96 0.00	11.04 -0.66 0.00	13.26 -0.63 0.02	20.23 -1.32 0.21	21.08 -1.63 0.27	20.17 -1.23 0.84	15.58 -0.93 0.00	18.50 -0.87 0.00	23.73 -1.11 0.00	25.80 -1.41 0.00	26.76 -1.56 0.00	25.49 -1.58 0.00	25.80 -1.61 0.00	28.43 -2.05 0.00	32.54 -2.34 0.00	34.41 -3.28 0.00	34.70 -3.46 0.00	38.49 -3.77 0.00	46.72 -4.67 0.00	41.90 -3.72 0.00	26.63 -2.20 0.00	23.93 -1.69 0.00
NIAGARA_230_LBMP 323716	13.63 -0.71 0.03	13.81 -0.63 0.00	13.76 -0.91 0.00	11.08 -0.62 0.00	13.29 -0.60 0.02	20.34 -1.20 0.21	21.29 -1.43 0.27	20.36 -1.05 0.83	15.70 -0.81 0.00	18.55 -0.82 0.00	23.80 -1.04 0.00	25.88 -1.33 0.00	26.85 -1.47 0.00	25.56 -1.51 0.00	25.87 -1.53 0.00	28.52 -1.96 0.00	32.65 -2.23 0.00	34.74 -2.95 0.00	35.06 -3.10 0.00	38.88 -3.37 0.00	47.21 -4.18 0.00	42.32 -3.30 0.00	26.86 -1.97 0.00	24.12 -1.48 0.00
NIAGARA___115KV_198_GIBSON 55903	13.54 -0.82 0.00	13.75 -0.69 0.00	13.71 -0.96 0.00	11.04 -0.66 0.00	13.27 -0.63 0.00	20.44 -1.32 0.00	21.35 -1.63 0.00	21.01 -1.23 0.00	15.58 -0.93 0.00	18.50 -0.87 0.00	23.73 -1.11 0.00	25.81 -1.41 0.00	26.76 -1.56 0.00	25.48 -1.59 0.00	25.80 -1.61 0.00	28.42 -2.06 0.00	32.54 -2.34 0.00	34.40 -3.29 0.00	34.69 -3.47 0.00	38.50 -3.76 0.00	46.73 -4.66 0.00	41.91 -3.72 0.00	26.63 -2.20 0.00	23.93 -1.69 0.00
NIAGARA____ 23760	13.63 -0.71 0.03	13.81 -0.63 0.00	13.76 -0.91 0.00	11.08 -0.62 0.00	13.29 -0.60 0.02	20.34 -1.20 0.21	21.29 -1.43 0.26	20.36 -1.05 0.83	15.70 -0.81 0.00	18.55 -0.82 0.00	23.80 -1.04 0.00	25.88 -1.33 0.00	26.85 -1.47 0.00	25.56 -1.51 0.00	25.87 -1.53 0.00	28.52 -1.96 0.00	32.65 -2.23 0.00	34.74 -2.95 0.00	35.06 -3.10 0.00	38.88 -3.37 0.00	47.21 -4.18 0.00	42.32 -3.30 0.00	26.86 -1.97 0.00	24.12 -1.48 0.00
NINE_MILE_1 23575	13.81 -0.56 0.00	13.90 -0.53 0.00	14.07 -0.59 0.00	11.26 -0.44 0.00	13.40 -0.51 0.00	20.87 -0.88 0.00	22.00 -0.98 0.00	21.33 -0.91 0.00	15.79 -0.72 0.00	18.52 -0.85 0.00	23.74 -1.10 0.00	25.98 -1.23 0.00	27.03 -1.29 0.00	25.84 -1.23 0.00	26.16 -1.24 0.00	29.10 -1.37 0.00	33.36 -1.52 0.00	36.03 -1.66 0.00	36.51 -1.65 0.00	40.43 -1.82 0.00	49.16 -2.22 0.00	43.67 -1.96 0.00	27.62 -1.21 0.00	24.58 -1.03 0.00
NINE_MILE_2 23744	13.81 -0.55 0.00	13.90 -0.53 0.00	14.07 -0.59 0.00	11.26 -0.44 0.00	13.40 -0.51 0.00	20.87 -0.88 0.00	22.00 -0.98 0.00	21.33 -0.91 0.00	15.79 -0.72 0.00	18.52 -0.85 0.00	23.74 -1.10 0.00	25.98 -1.23 0.00	27.03 -1.29 0.00	25.84 -1.23 0.00	26.16 -1.24 0.00	29.10 -1.37 0.00	33.36 -1.52 0.00	36.03 -1.65 0.00	36.51 -1.65 0.00	40.43 -1.82 0.00	49.16 -2.22 0.00	43.67 -1.96 0.00	27.62 -1.21 0.00	24.58 -1.03 0.00
NM_CAPITAL___DRP 24208	14.57 0.21 0.00	14.67 0.22 0.00	14.91 0.24 0.00	11.90 0.21 0.00	14.14 0.23 0.00	21.92 0.17 0.00	23.04 0.06 0.00	22.12 -0.12 0.00	16.37 -0.14 0.00	19.14 -0.22 0.00	24.61 -0.23 0.00	26.98 -0.23 0.00	28.04 -0.27 0.00	26.84 -0.23 0.00	27.14 -0.26 0.00	30.26 -0.21 0.00	34.58 -0.29 0.00	37.47 -0.22 0.00	38.02 -0.14 0.00	42.09 -0.17 0.00	51.11 -0.28 0.00	45.26 -0.36 0.00	28.83 0.00 0.00	25.83 0.23 0.00
NM_CENTRAL___DRP 24181	14.15 -0.22 0.00	14.25 -0.19 0.00	14.42 -0.25 0.00	11.54 -0.16 0.00	13.73 -0.17 0.00	21.38 -0.37 0.00	22.54 -0.45 0.00	21.84 -0.40 0.00	16.15 -0.36 0.00	18.93 -0.44 0.00	24.29 -0.55 0.00	26.58 -0.63 0.00	27.66 -0.66 0.00	26.44 -0.62 0.00	26.80 -0.60 0.00	29.81 -0.66 0.00	34.18 -0.69 0.00	36.91 -0.78 0.00	37.43 -0.74 0.00	41.44 -0.82 0.00	50.37 -1.02 0.00	44.69 -0.94 0.00	28.29 -0.54 0.00	25.18 -0.43 0.00

NM_FRONTIER___DRP 24179	13.54 -0.82 0.00	13.75 -0.69 0.00	13.71 -0.96 0.00	11.04 -0.66 0.00	13.27 -0.63 0.00	20.44 -1.32 0.00	21.35 -1.63 0.00	21.01 -1.23 0.00	15.58 -0.93 0.00	18.50 -0.87 0.00	23.73 -1.11 0.00	25.81 -1.41 0.00	26.76 -1.56 0.00	25.48 -1.59 0.00	25.80 -1.61 0.00	28.42 -2.06 0.00	32.54 -2.34 0.00	34.40 -3.29 0.00	34.69 -3.47 0.00	38.50 -3.76 0.00	46.73 -4.66 0.00	41.91 -3.72 0.00	26.63 -2.20 0.00	23.93 -1.69 0.00
NM_ST_REGIS___HYD 24053	13.82 -0.54 0.00	13.83 -0.61 0.00	14.03 -0.64 0.00	8.91 -0.55 2.24	13.34 -0.57 0.00	21.17 -0.59 0.00	22.55 -0.44 0.00	21.78 -0.46 0.00	16.19 -0.32 0.00	19.01 -0.36 0.00	24.35 -0.49 0.00	26.71 -0.50 0.00	27.79 -0.53 0.00	26.41 -0.66 0.00	26.71 -0.69 0.00	29.63 -0.85 0.00	33.99 -0.89 0.00	36.81 -0.88 0.00	37.14 -1.02 0.00	41.51 -0.74 0.00	50.80 -0.58 0.00	45.61 -0.01 0.00	28.40 -0.43 0.00	24.91 -0.70 0.00
NORTHPORT___1 23551	8.98 1.10 6.48	13.48 1.05 2.01	15.61 0.95 0.00	12.51 0.81 0.00	14.75 0.85 0.00	22.86 1.11 0.00	23.94 0.96 0.00	23.17 0.93 0.00	17.40 0.88 0.00	20.49 1.12 0.00	26.43 1.59 0.00	29.16 1.95 0.00	34.47 2.17 -3.98	29.19 2.12 0.00	33.08 2.29 -3.40	38.72 2.56 -5.68	37.03 2.16 0.00	39.62 1.94 0.01	40.10 1.93 0.00	43.89 1.63 0.00	53.77 2.39 0.00	47.26 1.63 0.00	30.27 1.43 0.00	27.28 1.67 0.00
NORTHPORT___2 23552	8.98 1.10 6.48	13.48 1.05 2.01	15.61 0.95 0.00	12.51 0.81 0.00	14.75 0.85 0.00	22.86 1.11 0.00	23.94 0.96 0.00	23.17 0.93 0.00	17.40 0.88 0.00	20.49 1.12 0.00	26.43 1.59 0.00	29.16 1.95 0.00	34.47 2.17 -3.98	29.19 2.12 0.00	33.08 2.29 -3.40	38.72 2.56 -5.68	37.03 2.16 0.00	39.62 1.94 0.01	40.10 1.93 0.00	43.89 1.63 0.00	53.77 2.39 0.00	47.26 1.63 0.00	30.27 1.43 0.00	27.28 1.67 0.00
NORTHPORT___3 23553	9.20 1.02 6.18	13.48 0.96 1.92	15.52 0.85 0.00	12.43 0.73 0.00	14.67 0.77 0.00	22.73 0.98 0.00	23.80 0.82 0.00	23.02 0.78 0.00	17.29 0.78 0.00	20.38 1.02 0.00	26.29 1.46 0.00	29.01 1.80 0.00	34.42 2.01 -4.10	29.04 1.97 0.00	32.98 2.13 -3.45	38.65 2.39 -5.78	36.85 1.97 0.00	39.26 1.58 0.00	39.57 1.40 0.00	43.31 1.05 0.00	52.95 1.57 0.00	46.59 0.97 0.00	29.85 1.02 0.00	26.87 1.26 0.00
NORTHPORT___4 23650	9.20 1.02 6.18	13.48 0.96 1.92	15.52 0.85 0.00	12.43 0.73 0.00	14.67 0.77 0.00	22.73 0.98 0.00	23.80 0.82 0.00	23.02 0.78 0.00	17.29 0.78 0.00	20.38 1.02 0.00	26.29 1.46 0.00	29.01 1.80 0.00	34.42 2.01 -4.10	29.04 1.97 0.00	32.98 2.13 -3.45	38.65 2.39 -5.78	36.85 1.97 0.00	39.26 1.58 0.00	39.57 1.40 0.00	43.31 1.05 0.00	52.95 1.57 0.00	46.59 0.97 0.00	29.85 1.02 0.00	26.87 1.26 0.00
NORTHPORT___IC 23718	8.98 1.10 6.48	13.48 1.05 2.01	15.61 0.95 0.00	12.51 0.81 0.00	14.75 0.85 0.00	22.86 1.11 0.00	23.94 0.96 0.00	23.17 0.93 0.00	17.40 0.89 0.00	20.49 1.13 0.00	26.43 1.59 0.00	29.16 1.95 0.00	34.47 2.17 -3.98	29.19 2.12 0.00	33.08 2.28 -3.40	38.72 2.56 -5.68	37.04 2.16 0.00	39.63 1.94 0.00	40.10 1.93 0.00	43.89 1.63 0.00	53.77 2.39 0.00	47.26 1.63 0.00	30.27 1.43 0.00	27.28 1.67 0.00
NORTH___COUNTRY_ESR 323785	13.96 -0.40 0.00	13.97 -0.47 0.00	14.18 -0.49 0.00	8.58 -0.45 2.67	13.43 -0.47 0.00	21.33 -0.43 0.00	22.75 -0.23 0.00	22.24 0.00 0.00	16.59 0.08 0.00	19.52 0.15 0.00	25.02 0.18 0.00	27.35 0.14 0.00	28.47 0.16 0.00	27.15 0.08 0.00	27.46 0.06 0.00	30.43 -0.05 0.00	34.88 0.01 0.00	37.75 0.06 0.00	38.21 0.04 0.00	42.54 0.29 0.00	51.88 0.50 0.00	46.26 0.63 0.00	28.99 0.16 0.00	25.51 -0.10 0.00
NPX_GEN_1385_PROXY 323591	8.98 1.10 6.48	13.48 1.05 2.01	15.62 0.95 0.00	12.53 0.83 0.00	14.75 0.85 0.00	22.79 1.04 0.00	22.96 0.91 0.94	23.09 0.85 0.00	17.34 0.83 0.00	18.23 1.06 2.19	17.29 1.50 9.04	29.05 1.84 0.00	-0.18 2.07 30.56	15.33 2.02 13.76	32.98 2.18 -3.40	2.13 2.46 30.81	12.92 2.03 23.99	25.38 1.81 14.12	40.09 1.92 0.00	43.77 1.51 0.00	53.77 2.38 0.00	7.30 1.47 39.79	30.21 1.38 0.00	27.22 1.61 0.00
NPX_GEN_CSC 323557	10.17 1.33 5.53	13.92 1.24 1.76	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.17 1.42 0.00	23.37 1.32 0.94	23.55 1.31 0.00	17.68 1.16 0.00	20.78 1.42 0.00	26.68 1.84 0.00	29.41 2.20 0.00	34.94 2.47 -4.16	29.48 2.41 0.00	33.50 2.64 -3.45	39.27 3.02 -5.78	37.44 2.56 0.00	40.07 2.38 0.00	40.07 1.91 0.00	43.80 1.54 0.00	54.65 3.26 0.00	47.96 2.33 0.00	30.58 1.75 0.00	27.48 1.86 0.00
NSINS_S_GLNS_FALLS 23858	14.93 0.57 0.00	15.05 0.61 0.00	15.29 0.62 0.00	12.21 0.51 0.00	14.51 0.61 0.00	22.60 0.85 0.00	23.99 1.01 0.00	22.87 0.63 0.00	16.84 0.33 0.00	19.74 0.37 0.00	25.07 0.23 0.00	27.39 0.18 0.00	28.42 0.10 0.00	27.02 -0.05 0.00	27.21 -0.19 0.00	30.25 -0.23 0.00	34.86 -0.01 0.00	38.03 0.34 0.00	38.75 0.58 0.00	42.98 0.73 0.00	52.37 0.98 0.00	46.37 0.75 0.00	29.35 0.51 0.00	26.48 0.87 0.00
NUCOR_STEEL___DRP 24197	14.22 -0.14 0.00	14.28 -0.16 0.00	14.48 -0.20 0.00	11.60 -0.10 0.00	13.81 -0.09 0.00	21.46 -0.29 0.00	22.68 -0.30 0.00	21.93 -0.31 0.00	16.16 -0.36 0.00	18.89 -0.48 0.00	24.19 -0.65 0.00	26.45 -0.76 0.00	27.52 -0.79 0.00	26.31 -0.76 0.00	26.67 -0.73 0.00	29.70 -0.78 0.00	34.12 -0.75 0.00	37.08 -0.61 0.00	37.62 -0.54 0.00	41.53 -0.72 0.00	50.49 -0.90 0.00	44.82 -0.81 0.00	28.43 -0.40 0.00	25.21 -0.40 0.00
NUMBER_THREE_WT_PWR 323818	14.15 -0.21 0.00	14.24 -0.20 0.00	14.35 -0.32 0.00	10.95 -0.20 0.55	13.79 -0.11 0.00	21.60 -0.16 0.00	22.67 -0.31 0.00	21.70 -0.54 0.00	16.10 -0.41 0.00	18.84 -0.53 0.00	24.11 -0.73 0.00	26.40 -0.81 0.00	27.48 -0.84 0.00	26.24 -0.83 0.00	26.51 -0.89 0.00	29.39 -1.08 0.00	33.89 -0.99 0.00	36.89 -0.80 0.00	37.80 -0.36 0.00	42.33 0.08 0.00	51.86 0.48 0.00	46.22 0.59 0.00	28.99 0.16 0.00	25.62 0.01 0.00
NYISO_LBMP_REFERENCE 24008	14.36 0.00 0.00	14.44 0.00 0.00	14.67 0.00 0.00	11.70 0.00 0.00	13.90 0.00 0.00	21.75 0.00 0.00	22.98 0.00 0.00	22.24 0.00 0.00	16.51 0.00 0.00	19.37 0.00 0.00	24.84 0.00 0.00	27.21 0.00 0.00	28.32 0.00 0.00	27.07 0.00 0.00	27.40 0.00 0.00	30.48 0.00 0.00	34.88 0.00 0.00	37.69 0.00 0.00	38.16 0.00 0.00	42.26 0.00 0.00	51.39 0.00 0.00	45.63 0.00 0.00	28.83 0.00 0.00	25.61 0.00 0.00
NYPA_BRENTWD____GT 24164	11.50 1.25 4.12	14.24 1.19 1.39	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.98 0.00	23.09 1.34 0.00	24.20 1.22 0.00	23.46 1.21 0.00	17.60 1.09 0.00	20.72 1.35 0.00	26.66 1.82 0.00	29.40 2.20 0.00	35.18 2.45 -4.41	29.47 2.40 0.00	33.53 2.59 -3.53	39.32 2.93 -5.91	37.55 2.68 0.00	40.22 2.54 0.00	40.63 2.47 0.00	44.47 2.22 0.00	54.59 3.20 0.00	47.96 2.34 0.00	30.63 1.80 0.00	27.52 1.91 0.00

NYPA_GOWANUS____GT5 24156	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NYPA_GOWANUS____GT6 24157	15.31 0.94 -0.01	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.50 0.98 -0.01	20.60 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.48 2.08 0.00	32.81 2.33 0.00	37.31 2.43 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.94 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00
NYPA_HARLEM__RVR__GT1 24160	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.79 0.02	12.36 0.68 0.02	-17.82 0.70 32.43	-55.89 0.83 78.47	23.68 0.70 0.01	23.08 0.83 0.00	17.36 0.84 -0.01	20.46 1.09 0.00	26.26 1.42 0.00	28.90 1.69 0.00	30.17 1.85 0.00	28.90 1.83 0.00	29.28 1.88 0.00	32.61 2.13 0.00	37.04 2.17 0.00	39.83 2.14 0.00	40.16 2.00 0.00	44.14 1.88 0.00	53.61 2.23 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.86 1.24 0.00
NYPA_HARLEM__RVR__GT2 24161	15.14 0.79 0.02	15.26 0.83 0.01	15.44 0.79 0.02	12.36 0.68 0.02	-17.82 0.70 32.43	-55.89 0.83 78.47	23.68 0.70 0.01	23.08 0.83 0.00	17.36 0.84 -0.01	20.46 1.09 0.00	26.26 1.42 0.00	28.90 1.69 0.00	30.17 1.85 0.00	28.90 1.83 0.00	29.28 1.88 0.00	32.61 2.13 0.00	37.04 2.17 0.00	39.83 2.14 0.00	40.16 2.00 0.00	44.14 1.88 0.00	53.61 2.23 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.86 1.24 0.00
NYPA_KENT____GT 24152	15.29 0.92 -0.01	15.41 0.96 0.00	15.59 0.92 0.00	12.49 0.79 0.00	14.72 0.82 0.00	22.76 1.01 0.00	23.88 0.90 0.00	23.28 1.03 0.00	17.49 0.97 -0.01	20.58 1.21 0.00	26.39 1.55 0.00	29.04 1.83 0.00	30.31 1.99 0.00	29.07 2.00 0.00	29.44 2.04 0.00	32.77 2.30 0.00	37.27 2.39 0.00	40.06 2.37 0.00	40.38 2.22 0.00	44.37 2.11 0.00	53.85 2.47 0.00	47.52 1.89 0.00	30.17 1.34 0.00	26.97 1.35 0.00
NYPA_POUCH1____GT 24155	15.30 0.93 -0.01	15.42 0.98 0.00	15.61 0.94 0.00	12.51 0.81 0.00	14.74 0.84 0.00	22.79 1.04 0.00	23.92 0.93 0.00	23.29 1.05 0.00	17.47 0.95 -0.01	20.55 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.96 0.00	29.04 1.97 0.00	29.42 2.02 0.00	32.74 2.27 0.00	37.24 2.37 0.00	40.05 2.36 0.00	40.37 2.21 0.00	44.37 2.11 0.00	53.85 2.46 0.00	47.51 1.88 0.00	30.19 1.36 0.00	26.99 1.38 0.00
NYPA_VERNON____GT2 24162	15.27 0.90 -0.01	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.47 0.95 -0.01	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.32 2.16 0.00	44.30 2.04 0.00	53.78 2.39 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
NYPA_VERNON____GT3 24163	15.27 0.90 -0.01	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.47 0.95 -0.01	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.32 2.16 0.00	44.30 2.04 0.00	53.78 2.39 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
NYPA__ASTORIA_CC1 323568	15.26 0.88 -0.01	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.76 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 -0.01	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	28.99 1.92 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.96 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.74 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
NYPA__ASTORIA_CC2 323569	15.26 0.88 -0.01	15.37 0.93 0.00	15.56 0.89 0.00	12.46 0.76 0.00	14.69 0.79 0.00	22.71 0.96 0.00	23.81 0.83 0.00	23.21 0.97 0.00	17.45 0.94 -0.01	20.55 1.18 0.00	26.34 1.50 0.00	28.98 1.77 0.00	30.25 1.93 0.00	28.99 1.92 0.00	29.38 1.98 0.00	32.70 2.22 0.00	37.18 2.30 0.00	39.96 2.28 0.00	40.28 2.12 0.00	44.25 2.00 0.00	53.74 2.35 0.00	47.43 1.80 0.00	30.09 1.26 0.00	26.89 1.28 0.00
NYPA__HOLTSVILL 23794	9.96 1.21 5.62	13.79 1.14 1.79	15.70 1.03 0.00	12.58 0.88 0.00	14.84 0.94 0.00	23.01 1.26 0.00	24.12 1.14 0.00	23.37 1.13 0.00	17.55 1.04 0.00	20.65 1.28 0.00	26.54 1.70 0.00	29.27 2.06 0.00	34.76 2.31 -4.14	29.32 2.24 0.00	33.30 2.45 -3.45	39.05 2.80 -5.77	37.36 2.49 0.00	40.01 2.32 0.00	40.29 2.13 0.00	44.06 1.81 0.00	54.30 2.91 0.00	47.70 2.07 0.00	30.44 1.61 0.00	27.36 1.75 0.00
NYPA____HELLGATE_GT1 24158	15.16 0.79 -0.01	15.27 0.83 0.00	15.46 0.79 0.00	12.38 0.68 0.00	13.00 0.70 1.60	18.72 0.83 3.87	23.68 0.70 0.00	23.08 0.83 0.00	17.36 0.84 -0.01	20.46 1.09 0.00	26.26 1.42 0.00	28.90 1.69 0.00	30.16 1.84 0.00	28.89 1.82 0.00	29.28 1.88 0.00	32.61 2.13 0.00	37.04 2.17 0.00	39.83 2.14 0.00	40.16 2.00 0.00	44.14 1.88 0.00	53.61 2.23 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.86 1.24 0.00
NYPA____HELLGATE_GT2 24159	15.16 0.79 -0.01	15.27 0.83 0.00	15.46 0.79 0.00	12.38 0.68 0.00	13.00 0.70 1.60	18.72 0.83 3.87	23.68 0.70 0.00	23.08 0.83 0.00	17.36 0.84 -0.01	20.46 1.09 0.00	26.26 1.42 0.00	28.90 1.69 0.00	30.16 1.84 0.00	28.89 1.82 0.00	29.28 1.88 0.00	32.61 2.13 0.00	37.04 2.17 0.00	39.83 2.14 0.00	40.16 2.00 0.00	44.14 1.88 0.00	53.61 2.23 0.00	47.45 1.82 0.00	30.07 1.24 0.00	26.86 1.24 0.00
NYS_BARGE__HYD 23848	13.71 -0.64 0.02	13.88 -0.56 0.00	13.81 -0.86 0.00	11.12 -0.58 0.00	13.37 -0.52 0.01	20.48 -1.08 0.19	21.46 -1.29 0.23	20.59 -0.91 0.74	15.81 -0.70 0.00	18.62 -0.75 0.00	23.92 -0.92 0.00	26.01 -1.20 0.00	26.96 -1.35 0.00	25.68 -1.39 0.00	26.00 -1.40 0.00	28.62 -1.85 0.00	32.83 -2.05 0.00	34.99 -2.70 0.00	35.35 -2.81 0.00	39.21 -3.05 0.00	47.59 -3.80 0.00	42.67 -2.95 0.00	27.09 -1.74 0.00	24.30 -1.31 0.00
OAK ORCHARD__HYD 24046	13.96 -0.39 0.01	14.09 -0.35 0.00	14.15 -0.52 0.00	11.36 -0.34 0.00	13.58 -0.32 0.01	21.01 -0.65 0.10	22.11 -0.75 0.12	21.30 -0.52 0.42	16.08 -0.43 0.00	18.91 -0.46 0.00	24.25 -0.58 0.00	26.45 -0.76 0.00	27.49 -0.83 0.00	26.23 -0.84 0.00	26.57 -0.83 0.00	29.45 -1.02 0.00	33.79 -1.09 0.00	36.28 -1.41 0.00	36.70 -1.47 0.00	40.67 -1.59 0.00	49.42 -1.97 0.00	44.08 -1.55 0.00	27.85 -0.98 0.00	24.86 -0.75 0.00

OAKDALE___35_KV_LOAD 356122	14.35 -0.02 0.00	14.50 0.06 0.00	14.66 -0.01 0.00	11.75 0.05 0.00	13.95 0.05 0.00	21.67 -0.08 0.00	22.79 -0.19 0.00	22.14 -0.09 0.00	16.41 -0.10 0.00	19.28 -0.08 0.00	24.73 -0.11 0.00	27.03 -0.18 0.00	28.13 -0.18 0.00	26.86 -0.21 0.00	27.22 -0.18 0.00	30.20 -0.28 0.00	34.58 -0.29 0.00	37.31 -0.38 0.00	37.78 -0.38 0.00	41.80 -0.45 0.00	50.83 -0.56 0.00	45.09 -0.54 0.00	28.52 -0.30 0.00	25.47 -0.14 0.00
OCC_CHEM___DRP 24175	13.58 -0.78 0.00	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.30 -0.60 0.00	20.50 -1.26 0.00	21.42 -1.56 0.00	21.08 -1.16 0.00	15.62 -0.89 0.00	18.54 -0.83 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.54 -1.53 0.00	25.86 -1.54 0.00	28.49 -1.99 0.00	32.63 -2.25 0.00	34.53 -3.16 0.00	34.83 -3.34 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
OH_GEN_PROXY 24063	13.64 -0.69 0.03	13.83 -0.61 0.00	13.79 -0.88 0.00	11.10 -0.60 0.00	13.31 -0.58 0.02	20.37 -1.16 0.22	20.39 -1.37 1.22	20.36 -0.98 0.90	15.74 -0.77 0.00	18.60 -0.76 0.00	23.86 -0.97 0.00	25.95 -1.26 0.00	26.92 -1.40 0.00	25.63 -1.44 0.00	25.94 -1.46 0.00	28.61 -1.87 0.00	32.75 -2.12 0.00	34.87 -2.81 0.00	35.20 -2.96 0.00	39.06 -3.20 0.00	47.41 -3.98 0.00	42.49 -3.14 0.00	26.93 -1.90 0.00	24.18 -1.43 0.00
OLIN_CORP_DRP 24177	13.58 -0.79 0.00	13.72 -0.72 0.00	13.64 -1.03 0.00	10.99 -0.71 0.00	13.23 -0.67 0.00	20.41 -1.34 0.00	21.40 -1.58 0.00	21.04 -1.20 0.00	15.62 -0.89 0.00	18.41 -0.96 0.00	23.66 -1.18 0.00	25.72 -1.49 0.00	26.67 -1.64 0.00	25.40 -1.67 0.00	25.71 -1.69 0.00	28.30 -2.18 0.00	32.40 -2.48 0.00	34.49 -3.20 0.00	34.83 -3.34 0.00	38.63 -3.62 0.00	46.88 -4.51 0.00	42.04 -3.59 0.00	26.73 -2.11 0.00	23.99 -1.62 0.00
OLIN_CORP_DSASP 323712	13.56 -0.78 0.03	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.29 -0.60 0.02	20.28 -1.26 0.21	21.16 -1.56 0.27	20.25 -1.16 0.84	15.62 -0.89 0.00	18.54 -0.82 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.55 -1.52 0.00	25.86 -1.54 0.00	28.49 -1.98 0.00	32.63 -2.24 0.00	34.53 -3.16 0.00	34.83 -3.33 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
ONEIDA_HERK_LFGE 323681	14.43 0.07 0.00	14.52 0.08 0.00	14.69 0.02 0.00	11.58 0.05 0.16	14.01 0.11 0.00	21.91 0.15 0.00	23.08 0.10 0.00	22.21 -0.03 0.00	16.45 -0.06 0.00	19.25 -0.12 0.00	24.65 -0.19 0.00	26.97 -0.24 0.00	28.07 -0.25 0.00	26.83 -0.24 0.00	27.15 -0.25 0.00	30.20 -0.28 0.00	34.73 -0.14 0.00	37.73 0.05 0.00	38.50 0.33 0.00	42.84 0.58 0.00	52.23 0.84 0.00	46.39 0.77 0.00	29.22 0.39 0.00	25.91 0.30 0.00
ONEIDA___115KV_TB4 55905	14.60 0.23 0.00	14.70 0.25 0.00	14.88 0.21 0.00	11.90 0.20 0.00	14.16 0.26 0.00	22.11 0.36 0.00	23.31 0.33 0.00	22.47 0.23 0.00	16.59 0.07 0.00	19.40 0.03 0.00	24.85 0.01 0.00	27.18 -0.03 0.00	28.29 -0.03 0.00	27.06 -0.01 0.00	27.42 0.02 0.00	30.53 0.06 0.00	35.10 0.22 0.00	38.13 0.44 0.00	38.86 0.70 0.00	43.13 0.87 0.00	52.47 1.09 0.00	46.54 0.91 0.00	29.35 0.52 0.00	26.08 0.47 0.00
ONONDAGA_REF_OCCRA 23987	14.22 -0.14 0.00	14.33 -0.11 0.00	14.49 -0.18 0.00	11.60 -0.10 0.00	13.80 -0.10 0.00	21.49 -0.26 0.00	22.66 -0.32 0.00	21.95 -0.29 0.00	16.23 -0.28 0.00	19.01 -0.36 0.00	24.38 -0.46 0.00	26.68 -0.53 0.00	27.77 -0.55 0.00	26.55 -0.52 0.00	26.92 -0.49 0.00	29.95 -0.53 0.00	34.34 -0.53 0.00	37.11 -0.57 0.00	37.64 -0.52 0.00	41.68 -0.57 0.00	50.68 -0.71 0.00	44.97 -0.66 0.00	28.44 -0.39 0.00	25.31 -0.30 0.00
ONONDAGA___COGEN 23986	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.71 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
ONTARIO___LFGE 23819	14.20 -0.16 0.00	14.33 -0.11 0.00	14.44 -0.23 0.00	11.59 -0.11 0.00	13.82 -0.08 0.00	21.50 -0.25 0.00	22.69 -0.29 0.00	22.81 0.11 -0.46	16.40 -0.11 0.00	19.03 -0.34 0.00	24.37 -0.47 0.00	26.60 -0.61 0.00	27.66 -0.66 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.73 -0.75 0.00	34.18 -0.70 0.00	36.91 -0.78 0.00	37.36 -0.80 0.00	41.36 -0.89 0.00	50.29 -1.09 0.00	44.72 -0.90 0.00	28.33 -0.50 0.00	25.22 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	14.00 -0.36 0.00	14.17 -0.27 0.00	14.15 -0.51 0.00	11.41 -0.29 0.00	13.66 -0.24 0.00	21.15 -0.60 0.00	22.19 -0.79 0.00	21.68 -0.56 0.00	15.92 -0.59 0.00	18.73 -0.63 0.00	24.05 -0.79 0.00	26.21 -1.00 0.00	27.18 -1.14 0.00	25.86 -1.21 0.00	26.19 -1.22 0.00	28.92 -1.56 0.00	33.26 -1.61 0.00	35.68 -2.01 0.00	36.17 -1.99 0.00	40.15 -2.10 0.00	48.65 -2.74 0.00	43.47 -2.16 0.00	27.50 -1.33 0.00	24.61 -1.00 0.00
ORANGEVILLE___ESR 323794	14.00 -0.36 0.00	14.17 -0.27 0.00	14.15 -0.51 0.00	11.41 -0.29 0.00	13.66 -0.24 0.00	21.15 -0.60 0.00	22.19 -0.79 0.00	21.68 -0.56 0.00	15.92 -0.59 0.00	18.73 -0.63 0.00	24.05 -0.79 0.00	26.21 -1.00 0.00	27.18 -1.14 0.00	25.86 -1.21 0.00	26.19 -1.22 0.00	28.92 -1.56 0.00	33.26 -1.61 0.00	35.68 -2.01 0.00	36.17 -1.99 0.00	40.15 -2.10 0.00	48.65 -2.74 0.00	43.47 -2.16 0.00	27.50 -1.33 0.00	24.61 -1.00 0.00
OSWEGATCHIE___HYD 24044	13.81 -0.56 0.00	13.85 -0.59 0.00	14.01 -0.66 0.00	9.75 -0.51 1.43	13.40 -0.51 0.00	21.11 -0.64 0.00	22.31 -0.67 0.00	21.41 -0.82 0.00	15.88 -0.63 0.00	18.59 -0.77 0.00	23.80 -1.03 0.00	26.11 -1.11 0.00	27.16 -1.16 0.00	25.87 -1.20 0.00	26.14 -1.26 0.00	29.00 -1.48 0.00	33.37 -1.51 0.00	36.26 -1.43 0.00	36.87 -1.29 0.00	41.30 -0.96 0.00	50.59 -0.79 0.00	45.31 -0.32 0.00	28.28 -0.55 0.00	24.89 -0.72 0.00
OSWEGO___5 23606	13.87 -0.49 0.00	13.97 -0.48 0.00	14.13 -0.54 0.00	11.31 -0.39 0.00	13.46 -0.45 0.00	20.96 -0.78 0.00	22.10 -0.88 0.00	21.42 -0.82 0.00	15.86 -0.66 0.00	18.59 -0.78 0.00	23.83 -1.00 0.00	26.08 -1.13 0.00	27.13 -1.18 0.00	25.94 -1.13 0.00	26.27 -1.13 0.00	29.22 -1.26 0.00	33.49 -1.38 0.00	36.19 -1.50 0.00	36.68 -1.49 0.00	40.60 -1.65 0.00	49.38 -2.01 0.00	43.86 -1.77 0.00	27.74 -1.09 0.00	24.69 -0.92 0.00
OSWEGO___6 23613	13.87 -0.49 0.00	13.97 -0.48 0.00	14.13 -0.54 0.00	11.31 -0.39 0.00	13.46 -0.45 0.00	20.96 -0.78 0.00	22.10 -0.88 0.00	21.42 -0.82 0.00	15.86 -0.66 0.00	18.59 -0.78 0.00	23.83 -1.00 0.00	26.08 -1.13 0.00	27.13 -1.18 0.00	25.94 -1.13 0.00	26.27 -1.13 0.00	29.22 -1.26 0.00	33.49 -1.38 0.00	36.19 -1.50 0.00	36.68 -1.49 0.00	40.60 -1.65 0.00	49.38 -2.01 0.00	43.86 -1.77 0.00	27.74 -1.09 0.00	24.69 -0.92 0.00

OUTOKUMPU-AB___DRP 24206	13.85 -0.51 0.00	14.03 -0.41 0.00	13.97 -0.70 0.00	11.25 -0.45 0.00	13.52 -0.38 0.00	20.88 -0.87 0.00	21.90 -1.08 0.00	21.55 -0.69 0.00	15.96 -0.55 0.00	18.88 -0.49 0.00	24.24 -0.60 0.00	26.37 -0.84 0.00	27.34 -0.98 0.00	26.03 -1.04 0.00	26.36 -1.05 0.00	29.01 -1.47 0.00	33.30 -1.57 0.00	35.41 -2.28 0.00	35.77 -2.40 0.00	39.65 -2.61 0.00	48.11 -3.27 0.00	43.10 -2.52 0.00	27.35 -1.48 0.00	24.54 -1.08 0.00
OXBOW___BTM 323836	13.68 -0.66 0.03	13.89 -0.55 0.00	13.84 -0.82 0.00	11.15 -0.55 0.00	13.39 -0.50 0.02	20.46 -1.08 0.21	21.38 -1.33 0.27	20.47 -0.94 0.83	15.79 -0.72 0.00	18.70 -0.67 0.00	24.00 -0.83 0.00	26.12 -1.09 0.00	27.08 -1.24 0.00	25.79 -1.28 0.00	26.11 -1.29 0.00	28.75 -1.73 0.00	32.97 -1.91 0.00	34.97 -2.72 0.00	35.30 -2.87 0.00	39.14 -3.12 0.00	47.49 -3.89 0.00	42.57 -3.05 0.00	27.03 -1.80 0.00	24.26 -1.35 0.00
OXBOW___ 24026	13.71 -0.66 0.00	13.89 -0.55 0.00	13.85 -0.82 0.00	11.15 -0.55 0.00	13.40 -0.50 0.00	20.67 -1.09 0.00	21.65 -1.33 0.00	21.30 -0.94 0.00	15.79 -0.72 0.00	18.70 -0.67 0.00	24.00 -0.83 0.00	26.12 -1.09 0.00	27.08 -1.24 0.00	25.78 -1.29 0.00	26.11 -1.29 0.00	28.74 -1.73 0.00	32.97 -1.91 0.00	34.96 -2.72 0.00	35.29 -2.87 0.00	39.14 -3.11 0.00	47.50 -3.89 0.00	42.57 -3.05 0.00	27.03 -1.80 0.00	24.26 -1.35 0.00
OXY_CHEM_DSASP 323612	13.58 -0.78 0.00	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.30 -0.60 0.00	20.50 -1.26 0.00	21.42 -1.56 0.00	21.08 -1.16 0.00	15.62 -0.89 0.00	18.54 -0.83 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.54 -1.53 0.00	25.86 -1.54 0.00	28.49 -1.99 0.00	32.63 -2.25 0.00	34.53 -3.16 0.00	34.83 -3.34 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
OZONE_PARK_ESR 323760	15.30 0.94 0.00	15.43 0.99 0.00	15.61 0.94 0.00	12.50 0.80 0.00	14.74 0.84 0.00	22.80 1.04 0.00	23.95 0.97 0.00	23.33 1.09 0.00	17.51 1.00 0.00	20.65 1.29 0.00	26.49 1.65 0.00	29.16 1.95 0.00	30.42 2.11 0.00	29.17 2.10 0.00	29.55 2.15 0.00	32.88 2.40 0.00	37.41 2.54 0.00	40.24 2.55 0.00	40.56 2.39 0.00	44.56 2.31 0.00	54.12 2.74 0.00	47.74 2.12 0.00	30.31 1.48 0.00	27.05 1.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	13.58 -0.78 0.00	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.30 -0.60 0.00	20.50 -1.26 0.00	21.42 -1.56 0.00	21.08 -1.16 0.00	15.62 -0.89 0.00	18.54 -0.83 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.54 -1.53 0.00	25.86 -1.54 0.00	28.49 -1.99 0.00	32.63 -2.25 0.00	34.53 -3.16 0.00	34.83 -3.34 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
PACKARD__115KV_DUPONT_184 80571	13.58 -0.78 0.00	13.79 -0.65 0.00	13.75 -0.92 0.00	11.07 -0.63 0.00	13.30 -0.60 0.00	20.50 -1.26 0.00	21.42 -1.56 0.00	21.08 -1.16 0.00	15.62 -0.89 0.00	18.54 -0.83 0.00	23.79 -1.05 0.00	25.87 -1.34 0.00	26.83 -1.49 0.00	25.54 -1.53 0.00	25.86 -1.54 0.00	28.49 -1.99 0.00	32.63 -2.25 0.00	34.53 -3.16 0.00	34.83 -3.34 0.00	38.64 -3.61 0.00	46.89 -4.50 0.00	42.07 -3.55 0.00	26.72 -2.11 0.00	24.00 -1.61 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	15.20 0.83 0.00	15.31 0.87 0.00	15.49 0.83 0.00	12.42 0.72 0.00	14.64 0.73 0.00	22.64 0.89 0.00	23.74 0.76 0.00	23.13 0.89 0.00	17.37 0.86 0.00	20.47 1.10 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.18 1.87 0.00	28.93 1.86 0.00	29.30 1.90 0.00	32.63 2.15 0.00	37.08 2.21 0.00	39.86 2.17 0.00	40.20 2.03 0.00	44.19 1.93 0.00	53.66 2.28 0.00	47.44 1.81 0.00	30.08 1.25 0.00	26.89 1.28 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	15.59 1.23 0.00	15.73 1.29 0.00	15.92 1.25 0.00	12.78 1.08 0.00	15.09 1.19 0.00	23.37 1.62 0.00	24.48 1.50 0.00	23.77 1.53 0.00	17.84 1.33 0.00	21.03 1.66 0.00	26.98 2.14 0.00	29.72 2.51 0.00	30.98 2.67 0.00	29.65 2.58 0.00	30.03 2.63 0.00	33.47 2.99 0.00	38.03 3.16 0.00	40.83 3.14 0.00	41.19 3.03 0.00	45.25 2.99 0.00	54.97 3.59 0.00	48.64 3.01 0.00	30.83 2.00 0.00	27.56 1.95 0.00
PATROON__115KV_TB1 80586	14.58 0.22 0.00	14.68 0.24 0.00	14.92 0.25 0.00	11.91 0.21 0.00	14.15 0.25 0.00	21.94 0.19 0.00	23.08 0.10 0.00	22.17 -0.07 0.00	16.42 -0.10 0.00	19.20 -0.17 0.00	24.67 -0.17 0.00	27.04 -0.17 0.00	28.12 -0.20 0.00	26.92 -0.16 0.00	27.22 -0.18 0.00	30.37 -0.11 0.00	34.72 -0.15 0.00	37.62 -0.07 0.00	38.15 -0.01 0.00	42.23 -0.03 0.00	51.30 -0.09 0.00	45.41 -0.22 0.00	28.89 0.06 0.00	25.87 0.26 0.00
PATTRSNVILLE___SOLAR 323815	14.76 0.39 0.00	14.85 0.41 0.00	15.08 0.41 0.00	12.04 0.34 0.00	14.31 0.40 0.00	22.28 0.53 0.00	23.46 0.48 0.00	22.49 0.25 0.00	16.56 0.05 0.00	19.33 -0.04 0.00	24.76 -0.08 0.00	27.11 -0.10 0.00	28.20 -0.11 0.00	26.97 -0.10 0.00	27.30 -0.10 0.00	30.44 -0.04 0.00	34.99 0.12 0.00	38.05 0.36 0.00	38.74 0.58 0.00	43.09 0.83 0.00	52.49 1.10 0.00	46.59 0.96 0.00	29.49 0.66 0.00	26.29 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	14.10 -0.26 0.00	14.26 -0.18 0.00	14.23 -0.44 0.00	11.45 -0.24 0.00	13.73 -0.18 0.00	21.26 -0.49 0.00	22.34 -0.64 0.00	22.01 -0.23 0.00	16.28 -0.23 0.00	19.21 -0.16 0.00	24.64 -0.19 0.00	26.79 -0.43 0.00	27.81 -0.51 0.00	26.45 -0.62 0.00	26.78 -0.62 0.00	29.47 -1.00 0.00	33.86 -1.01 0.00	36.17 -1.52 0.00	36.53 -1.64 0.00	40.51 -1.75 0.00	49.18 -2.20 0.00	43.99 -1.64 0.00	27.85 -0.98 0.00	24.96 -0.65 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	15.18 0.81 0.00	15.30 0.86 0.00	15.49 0.82 0.00	12.40 0.70 0.00	14.65 0.75 0.00	22.69 0.94 0.00	23.84 0.86 0.00	23.17 0.93 0.00	17.34 0.83 0.00	20.41 1.04 0.00	26.19 1.35 0.00	28.80 1.59 0.00	30.03 1.71 0.00	28.79 1.72 0.00	29.18 1.77 0.00	32.50 2.02 0.00	37.03 2.15 0.00	39.89 2.20 0.00	40.27 2.10 0.00	44.32 2.07 0.00	53.83 2.44 0.00	47.51 1.88 0.00	30.14 1.31 0.00	26.89 1.28 0.00
PEEKSKILL___ 23653	15.07 0.71 0.00	15.20 0.77 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.55 0.64 0.00	22.51 0.76 0.00	23.63 0.65 0.00	22.98 0.74 0.00	17.21 0.70 0.00	20.28 0.92 0.00	26.01 1.17 0.00	28.63 1.42 0.00	29.85 1.54 0.00	28.60 1.53 0.00	28.99 1.60 0.00	32.27 1.80 0.00	36.73 1.86 0.00	39.52 1.83 0.00	39.87 1.71 0.00	43.86 1.60 0.00	53.28 1.89 0.00	47.02 1.40 0.00	29.86 1.03 0.00	26.67 1.06 0.00
PGE MADISON___WINDPWR 24146	15.20 0.82 -0.01	15.33 0.89 0.00	15.49 0.83 0.00	12.45 0.75 0.00	14.83 0.92 0.00	23.20 1.37 -0.07	24.52 1.45 -0.09	23.89 1.36 -0.30	17.25 0.75 0.00	20.12 0.75 0.00	25.65 0.81 0.00	27.99 0.78 0.00	29.16 0.84 0.00	27.86 0.79 0.00	28.26 0.86 0.00	31.55 1.07 0.00	36.37 1.50 0.00	39.67 1.98 0.00	40.61 2.45 0.00	45.12 2.86 0.00	54.99 3.60 0.00	48.68 3.05 0.00	30.45 1.62 0.00	27.00 1.39 0.00

PIERCEFIELD___HYD 23852	13.77 -0.59 0.00	13.78 -0.66 0.00	13.99 -0.68 0.00	8.96 -0.58 2.16	13.30 -0.61 0.00	21.09 -0.66 0.00	22.45 -0.53 0.00	21.64 -0.60 0.00	16.08 -0.43 0.00	18.87 -0.50 0.00	24.17 -0.67 0.00	26.53 -0.67 0.00	27.60 -0.72 0.00	26.21 -0.86 0.00	26.51 -0.89 0.00	29.41 -1.07 0.00	33.75 -1.12 0.00	36.54 -1.15 0.00	36.83 -1.33 0.00	41.17 -1.08 0.00	50.38 -1.00 0.00	45.31 -0.32 0.00	28.17 -0.66 0.00	24.71 -0.90 0.00
PINELAWN_CC_1 323563	16.89 1.15 -1.37	15.53 1.10 0.00	15.67 1.00 0.00	12.55 0.85 0.00	14.81 0.90 0.00	22.96 1.21 0.00	24.07 1.09 0.00	23.32 1.08 0.00	17.50 0.98 0.00	20.58 1.21 0.00	26.47 1.63 0.00	29.21 2.00 0.00	35.95 2.23 -5.40	29.25 2.18 0.00	33.50 2.20 -3.90	39.43 2.43 -6.52	36.99 2.11 0.00	39.55 1.87 0.00	40.05 1.88 0.00	43.86 1.60 0.00	53.75 2.36 0.00	47.36 1.73 0.00	30.44 1.61 0.00	27.32 1.71 0.00
PJM_GEN_HTP_PROXY 323702	15.18 0.82 0.00	15.32 0.87 0.00	15.50 0.84 0.00	12.41 0.72 0.00	14.64 0.74 0.00	22.64 0.89 0.00	23.77 0.79 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.49 1.12 0.00	26.28 1.45 0.00	28.93 1.72 0.00	30.18 1.86 0.00	28.92 1.85 0.00	29.32 1.92 0.00	32.62 2.14 0.00	37.11 2.23 0.00	39.90 2.21 0.00	40.22 2.05 0.00	44.18 1.92 0.00	53.67 2.28 0.00	47.33 1.71 0.00	30.06 1.23 0.00	26.85 1.24 0.00
PJM_GEN_KEystone 24065	14.47 0.13 0.03	14.67 0.23 0.00	14.79 0.13 0.00	11.87 0.17 0.00	14.05 0.16 0.02	21.54 0.01 0.22	22.55 -0.15 0.27	21.46 0.06 0.84	16.62 0.11 0.00	19.62 0.25 0.00	25.17 0.33 0.00	27.53 0.32 0.00	28.66 0.34 0.00	27.36 0.29 0.00	27.71 0.31 0.00	30.70 0.22 0.00	35.03 0.15 0.00	37.60 -0.08 0.00	37.96 -0.21 0.00	41.88 -0.38 0.00	50.88 -0.51 0.00	45.11 -0.52 0.00	28.62 -0.21 0.00	25.64 0.03 0.00
PJM_GEN_NEPTUNE_PROXY 323594	5.72 0.97 9.62	12.57 0.92 2.80	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.71 0.95 0.00	23.80 0.82 0.00	23.07 0.83 0.00	17.32 0.81 0.00	20.40 1.03 0.00	26.26 1.42 0.00	28.97 1.76 0.00	33.69 1.95 -3.43	28.98 1.91 0.00	32.64 2.03 -3.22	38.14 2.28 -5.38	36.98 2.10 0.00	39.64 1.95 0.00	39.98 1.81 0.00	43.84 1.59 0.00	53.59 2.21 0.00	47.17 1.55 0.00	30.08 1.25 0.00	26.98 1.37 0.00
PJM_GEN_VFT_PROXY 323633	15.11 0.75 0.00	15.24 0.81 0.00	15.43 0.77 0.00	12.37 0.67 0.00	14.57 0.66 0.00	22.52 0.77 0.00	23.63 0.65 0.00	23.02 0.78 0.00	17.29 0.78 0.00	20.40 1.03 0.00	26.15 1.31 0.00	28.78 1.57 0.00	30.01 1.70 0.00	28.79 1.72 0.00	29.16 1.76 0.00	32.44 1.97 0.00	36.90 2.03 0.00	39.67 1.98 0.00	39.99 1.82 0.00	43.90 1.64 0.00	53.31 1.92 0.00	47.02 1.40 0.00	29.91 1.08 0.00	26.71 1.10 0.00
PLATSBRG_115KV_PMLD1 355749	14.18 -0.19 0.00	14.19 -0.25 0.00	14.39 -0.28 0.00	8.70 -0.28 2.72	13.61 -0.30 0.00	21.57 -0.19 0.00	23.00 0.02 0.00	22.47 0.23 0.00	16.75 0.24 0.00	19.75 0.39 0.00	25.34 0.50 0.00	27.67 0.46 0.00	28.85 0.54 0.00	27.54 0.47 0.00	27.85 0.45 0.00	30.77 0.30 0.00	35.29 0.41 0.00	38.29 0.60 0.00	38.80 0.63 0.00	43.22 0.96 0.00	52.70 1.31 0.00	46.86 1.23 0.00	29.39 0.56 0.00	25.92 0.31 0.00
PLEASANTVLY___LBMP 24000	14.99 0.63 0.00	15.12 0.68 0.00	15.32 0.66 0.00	12.26 0.57 0.00	14.48 0.58 0.00	22.42 0.67 0.00	23.54 0.56 0.00	22.85 0.61 0.00	17.09 0.58 0.00	20.11 0.74 0.00	25.80 0.96 0.00	28.36 1.15 0.00	29.57 1.25 0.00	28.33 1.26 0.00	28.71 1.31 0.00	31.95 1.47 0.00	36.40 1.52 0.00	39.20 1.51 0.00	39.57 1.41 0.00	43.57 1.32 0.00	52.95 1.56 0.00	46.77 1.14 0.00	29.71 0.88 0.00	26.55 0.94 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	15.07 0.71 0.00	15.20 0.76 0.00	15.40 0.73 0.00	12.33 0.62 0.00	14.55 0.65 0.00	22.53 0.77 0.00	23.66 0.68 0.00	22.99 0.75 0.00	17.21 0.70 0.00	20.26 0.89 0.00	26.00 1.16 0.00	28.60 1.39 0.00	29.82 1.51 0.00	28.57 1.50 0.00	28.95 1.55 0.00	32.23 1.75 0.00	36.69 1.81 0.00	39.50 1.82 0.00	39.87 1.71 0.00	43.87 1.61 0.00	53.28 1.89 0.00	47.08 1.46 0.00	29.94 1.11 0.00	26.74 1.13 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	15.07 0.71 0.00	15.20 0.76 0.00	15.40 0.73 0.00	12.33 0.62 0.00	14.55 0.65 0.00	22.53 0.77 0.00	23.66 0.68 0.00	22.99 0.75 0.00	17.21 0.70 0.00	20.26 0.89 0.00	26.00 1.16 0.00	28.60 1.39 0.00	29.82 1.51 0.00	28.57 1.50 0.00	28.95 1.55 0.00	32.23 1.75 0.00	36.69 1.81 0.00	39.50 1.82 0.00	39.87 1.71 0.00	43.87 1.61 0.00	53.28 1.89 0.00	47.08 1.46 0.00	29.94 1.11 0.00	26.74 1.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	15.13 0.77 0.00	15.24 0.81 0.00	15.45 0.78 0.00	12.37 0.67 0.00	14.61 0.71 0.00	22.63 0.88 0.00	23.79 0.80 0.00	23.10 0.86 0.00	17.26 0.75 0.00	20.28 0.91 0.00	26.00 1.16 0.00	28.58 1.37 0.00	29.78 1.47 0.00	28.55 1.48 0.00	28.95 1.55 0.00	32.26 1.78 0.00	36.81 1.93 0.00	39.68 1.99 0.00	40.10 1.94 0.00	44.16 1.90 0.00	53.66 2.27 0.00	47.36 1.74 0.00	30.06 1.23 0.00	26.82 1.21 0.00
POLETTI_____ 23519	15.14 0.78 0.00	15.28 0.84 0.00	15.47 0.80 0.00	12.38 0.69 0.00	14.60 0.70 0.00	22.56 0.81 0.00	23.68 0.70 0.00	23.07 0.83 0.00	17.33 0.82 0.00	20.45 1.08 0.00	26.23 1.40 0.00	28.87 1.66 0.00	30.11 1.80 0.00	28.88 1.81 0.00	29.26 1.86 0.00	32.55 2.07 0.00	37.02 2.15 0.00	39.80 2.11 0.00	40.13 1.96 0.00	44.10 1.84 0.00	53.54 2.16 0.00	47.24 1.61 0.00	29.99 1.16 0.00	26.80 1.19 0.00
POMONA___ESR 323819	15.07 0.71 0.00	15.21 0.77 0.00	15.40 0.73 0.00	12.33 0.63 0.00	14.54 0.64 0.00	22.51 0.75 0.00	23.63 0.65 0.00	22.98 0.74 0.00	17.20 0.69 0.00	20.28 0.92 0.00	26.02 1.18 0.00	28.64 1.43 0.00	29.86 1.55 0.00	28.63 1.56 0.00	29.02 1.62 0.00	32.30 1.82 0.00	36.75 1.88 0.00	39.55 1.87 0.00	39.89 1.73 0.00	43.88 1.62 0.00	53.31 1.92 0.00	47.04 1.41 0.00	29.86 1.03 0.00	26.69 1.07 0.00
PORT_JEFF_3 23555	10.08 1.24 5.52	13.84 1.16 1.76	15.72 1.05 0.00	12.60 0.90 0.00	14.86 0.96 0.00	23.05 1.30 0.00	24.17 1.19 0.00	23.41 1.17 0.00	17.58 1.07 0.00	20.69 1.32 0.00	26.59 1.75 0.00	29.32 2.12 0.00	34.84 2.37 -4.16	29.37 2.30 0.00	33.37 2.52 -3.45	39.13 2.88 -5.78	37.45 2.58 0.00	40.11 2.42 0.00	40.40 2.23 0.00	44.17 1.91 0.00	54.45 3.06 0.00	47.82 2.19 0.00	30.51 1.68 0.00	27.42 1.81 0.00
PORT_JEFF_4 23616	10.08 1.24 5.52	13.84 1.16 1.76	15.72 1.05 0.00	12.60 0.90 0.00	14.86 0.96 0.00	23.05 1.30 0.00	24.17 1.19 0.00	23.41 1.17 0.00	17.58 1.07 0.00	20.69 1.32 0.00	26.59 1.75 0.00	29.32 2.12 0.00	34.84 2.37 -4.16	29.37 2.30 0.00	33.37 2.52 -3.45	39.13 2.88 -5.78	37.45 2.58 0.00	40.11 2.42 0.00	40.40 2.23 0.00	44.17 1.91 0.00	54.45 3.06 0.00	47.82 2.19 0.00	30.51 1.68 0.00	27.42 1.81 0.00

PORT_JEFF_IC 23713	10.36 1.26 5.26	13.93 1.18 1.69	15.73 1.06 0.00	12.61 0.91 0.00	14.88 0.97 0.00	23.08 1.32 0.00	24.19 1.21 0.00	23.44 1.20 0.00	17.59 1.08 0.00	20.70 1.34 0.00	26.61 1.78 0.00	29.35 2.14 0.00	34.92 2.40 -4.21	29.41 2.34 0.00	33.44 2.57 -3.47	39.22 2.93 -5.81	37.50 2.63 0.00	40.16 2.48 0.00	40.43 2.27 0.00	44.21 1.96 0.00	54.52 3.13 0.00	47.89 2.26 0.00	30.54 1.72 0.00	27.45 1.84 0.00
PPL PILGRIM_ST_GT1 24216	11.50 1.25 4.12	14.24 1.19 1.39	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.98 0.00	23.09 1.34 0.00	24.20 1.22 0.00	23.46 1.21 0.00	17.60 1.09 0.00	20.72 1.35 0.00	26.66 1.82 0.00	29.40 2.20 0.00	35.18 2.45 -4.41	29.47 2.40 0.00	33.53 2.59 -3.53	39.32 2.93 -5.91	37.55 2.68 0.00	40.22 2.54 0.00	40.63 2.47 0.00	44.47 2.22 0.00	54.59 3.20 0.00	47.96 2.34 0.00	30.63 1.80 0.00	27.52 1.91 0.00
PPL PILGRIM_ST_GT2 24217	11.50 1.25 4.12	14.24 1.19 1.39	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.98 0.00	23.09 1.34 0.00	24.20 1.22 0.00	23.46 1.21 0.00	17.60 1.09 0.00	20.72 1.35 0.00	26.66 1.82 0.00	29.40 2.20 0.00	35.18 2.45 -4.41	29.47 2.40 0.00	33.53 2.59 -3.53	39.32 2.93 -5.91	37.55 2.68 0.00	40.22 2.54 0.00	40.63 2.47 0.00	44.47 2.22 0.00	54.59 3.20 0.00	47.96 2.34 0.00	30.63 1.80 0.00	27.52 1.91 0.00
PPL_SHRM_GT3 24213	10.30 1.33 5.40	13.96 1.25 1.73	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.18 1.42 0.00	24.31 1.33 0.00	23.55 1.32 0.00	17.68 1.16 0.00	20.78 1.42 0.00	26.67 1.83 0.00	29.39 2.19 0.00	34.94 2.45 -4.18	29.47 2.40 0.00	33.49 2.63 -3.46	39.29 3.02 -5.79	37.45 2.58 0.00	40.09 2.41 0.00	40.11 1.95 0.00	43.84 1.59 0.00	54.67 3.29 0.00	47.99 2.37 0.00	30.59 1.76 0.00	27.48 1.87 0.00
PPL_SHRM_GT4 24214	10.30 1.33 5.40	13.96 1.25 1.73	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.18 1.42 0.00	24.31 1.33 0.00	23.55 1.32 0.00	17.68 1.16 0.00	20.78 1.42 0.00	26.67 1.83 0.00	29.39 2.19 0.00	34.94 2.45 -4.18	29.47 2.40 0.00	33.49 2.63 -3.46	39.29 3.02 -5.79	37.45 2.58 0.00	40.09 2.41 0.00	40.11 1.95 0.00	43.84 1.59 0.00	54.67 3.29 0.00	47.99 2.37 0.00	30.59 1.76 0.00	27.48 1.87 0.00
PROJECT___ORANGE 1 24174	14.16 -0.21 0.00	14.26 -0.17 0.00	14.43 -0.24 0.00	11.55 -0.16 0.00	13.73 -0.17 0.00	21.39 -0.36 0.00	22.54 -0.44 0.00	21.84 -0.40 0.00	16.16 -0.35 0.00	18.95 -0.42 0.00	24.30 -0.54 0.00	26.59 -0.61 0.00	27.68 -0.64 0.00	26.47 -0.60 0.00	26.82 -0.58 0.00	29.83 -0.65 0.00	34.21 -0.67 0.00	36.94 -0.75 0.00	37.44 -0.72 0.00	41.44 -0.81 0.00	50.38 -1.01 0.00	44.70 -0.92 0.00	28.30 -0.54 0.00	25.18 -0.43 0.00
PROJECT___ORANGE 2 24166	14.16 -0.21 0.00	14.26 -0.17 0.00	14.43 -0.24 0.00	11.55 -0.16 0.00	13.73 -0.17 0.00	21.39 -0.36 0.00	22.54 -0.44 0.00	21.84 -0.40 0.00	16.16 -0.35 0.00	18.95 -0.42 0.00	24.30 -0.54 0.00	26.59 -0.61 0.00	27.68 -0.64 0.00	26.47 -0.60 0.00	26.82 -0.58 0.00	29.83 -0.65 0.00	34.21 -0.67 0.00	36.94 -0.75 0.00	37.44 -0.72 0.00	41.44 -0.81 0.00	50.38 -1.01 0.00	44.70 -0.92 0.00	28.30 -0.54 0.00	25.18 -0.43 0.00
PUCKETT___SOLAR 323809	14.54 0.17 0.00	14.69 0.25 0.00	14.85 0.18 0.00	11.92 0.22 0.00	14.16 0.26 0.00	22.01 0.25 0.00	23.16 0.18 0.00	22.75 0.23 -0.28	16.58 0.07 0.00	19.38 0.02 0.00	24.74 -0.10 0.00	27.02 -0.19 0.00	28.13 -0.19 0.00	26.90 -0.17 0.00	27.35 -0.05 0.00	30.38 -0.10 0.00	34.86 -0.02 0.00	37.73 0.04 0.00	38.36 0.20 0.00	42.54 0.28 0.00	51.79 0.41 0.00	45.90 0.28 0.00	28.94 0.11 0.00	25.80 0.19 0.00
PYRITES___HYD 24023	14.09 -0.28 0.00	14.09 -0.35 0.00	14.30 -0.37 0.00	9.14 -0.34 2.22	13.60 -0.31 0.00	21.59 -0.17 0.00	23.00 0.02 0.00	22.08 -0.16 0.00	16.33 -0.18 0.00	19.15 -0.21 0.00	24.53 -0.31 0.00	26.88 -0.33 0.00	27.96 -0.35 0.00	26.59 -0.48 0.00	26.89 -0.51 0.00	29.84 -0.64 0.00	34.25 -0.62 0.00	37.08 -0.61 0.00	37.39 -0.77 0.00	42.01 -0.25 0.00	51.76 0.38 0.00	46.60 0.98 0.00	28.94 0.11 0.00	25.35 -0.26 0.00
QUAKERRD_115KV_BK1 80622	13.71 -0.65 0.00	13.82 -0.62 0.00	13.90 -0.77 0.00	11.15 -0.55 0.00	13.33 -0.58 0.00	20.73 -1.03 0.00	21.84 -1.15 0.00	21.27 -0.97 0.00	15.74 -0.77 0.00	18.53 -0.84 0.00	23.76 -1.08 0.00	25.92 -1.29 0.00	26.94 -1.37 0.00	25.72 -1.35 0.00	26.05 -1.35 0.00	28.93 -1.55 0.00	33.19 -1.68 0.00	35.67 -2.02 0.00	36.09 -2.08 0.00	39.98 -2.27 0.00	48.59 -2.80 0.00	43.28 -2.35 0.00	27.34 -1.49 0.00	24.39 -1.22 0.00
QUENSBRY_115KV_TB8 356137	14.95 0.58 0.00	15.08 0.64 0.00	15.31 0.65 0.00	12.22 0.52 0.00	14.54 0.63 0.00	22.64 0.89 0.00	24.04 1.06 0.00	22.90 0.66 0.00	16.85 0.34 0.00	19.79 0.42 0.00	25.11 0.27 0.00	27.43 0.22 0.00	28.45 0.13 0.00	27.05 -0.02 0.00	27.22 -0.18 0.00	30.25 -0.23 0.00	34.88 0.01 0.00	38.06 0.37 0.00	38.80 0.63 0.00	43.04 0.78 0.00	52.45 1.07 0.00	46.43 0.80 0.00	29.37 0.54 0.00	26.51 0.90 0.00
RAMAPO___LBMP 323565	15.02 0.65 0.00	15.15 0.71 0.00	15.34 0.68 0.00	12.28 0.59 0.00	14.49 0.59 0.00	22.43 0.67 0.00	23.54 0.55 0.00	22.89 0.65 0.00	17.13 0.62 0.00	20.20 0.83 0.00	25.91 1.07 0.00	28.51 1.30 0.00	29.73 1.42 0.00	28.50 1.43 0.00	28.88 1.48 0.00	32.13 1.65 0.00	36.58 1.70 0.00	39.36 1.67 0.00	39.70 1.54 0.00	43.67 1.42 0.00	53.06 1.67 0.00	46.84 1.21 0.00	29.74 0.92 0.00	26.58 0.97 0.00
RANKINE____ 23646	13.99 -0.37 0.00	14.15 -0.29 0.00	14.10 -0.56 0.00	11.36 -0.34 0.00	13.63 -0.28 0.00	21.08 -0.67 0.00	22.14 -0.84 0.00	21.80 -0.44 0.00	16.13 -0.38 0.00	19.04 -0.33 0.00	24.43 -0.40 0.00	26.58 -0.63 0.00	27.57 -0.74 0.00	26.23 -0.84 0.00	26.56 -0.84 0.00	29.25 -1.23 0.00	33.58 -1.29 0.00	35.83 -1.86 0.00	36.19 -1.97 0.00	40.13 -2.13 0.00	48.71 -2.68 0.00	43.59 -2.04 0.00	27.61 -1.22 0.00	24.75 -0.86 0.00
RAVENSWOOD_GT2_1 24244	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT2_2 24245	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00

RAVENSWOOD_GT2_3 24246	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.66 0.91 0.00	23.79 0.81 0.00	23.16 0.92 0.00	17.38 0.87 0.00	20.49 1.12 0.00	26.28 1.44 0.00	28.93 1.72 0.00	30.18 1.86 0.00	28.93 1.86 0.00	29.32 1.92 0.00	32.62 2.15 0.00	37.10 2.23 0.00	39.89 2.21 0.00	40.22 2.06 0.00	44.19 1.93 0.00	53.67 2.28 0.00	47.34 1.72 0.00	30.06 1.23 0.00	26.86 1.24 0.00
RAVENSWOOD_GT2_4 24247	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.66 0.91 0.00	23.79 0.81 0.00	23.16 0.92 0.00	17.38 0.87 0.00	20.49 1.12 0.00	26.28 1.44 0.00	28.93 1.72 0.00	30.18 1.86 0.00	28.93 1.86 0.00	29.32 1.92 0.00	32.62 2.15 0.00	37.10 2.23 0.00	39.89 2.21 0.00	40.22 2.06 0.00	44.19 1.93 0.00	53.67 2.28 0.00	47.34 1.72 0.00	30.06 1.23 0.00	26.86 1.24 0.00
RAVENSWOOD_GT3_1 24248	15.19 0.82 0.00	15.32 0.88 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.89 0.00	23.78 0.79 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.16 1.84 0.00	28.91 1.83 0.00	29.30 1.90 0.00	32.60 2.13 0.00	37.08 2.20 0.00	39.87 2.18 0.00	40.19 2.03 0.00	44.18 1.92 0.00	53.64 2.26 0.00	47.32 1.69 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT3_2 24249	15.19 0.82 0.00	15.32 0.88 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.89 0.00	23.78 0.79 0.00	23.14 0.90 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.16 1.84 0.00	28.91 1.83 0.00	29.30 1.90 0.00	32.60 2.13 0.00	37.08 2.20 0.00	39.87 2.18 0.00	40.19 2.03 0.00	44.18 1.92 0.00	53.64 2.26 0.00	47.32 1.69 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT3_3 24250	15.21 0.85 0.00	15.34 0.90 0.00	15.53 0.86 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.67 0.92 0.00	23.81 0.83 0.00	23.18 0.94 0.00	17.39 0.88 0.00	20.51 1.14 0.00	26.31 1.47 0.00	28.96 1.75 0.00	30.20 1.89 0.00	28.95 1.89 0.00	29.35 1.95 0.00	32.65 2.18 0.00	37.14 2.27 0.00	39.93 2.25 0.00	40.26 2.09 0.00	44.23 1.97 0.00	53.72 2.33 0.00	47.38 1.76 0.00	30.09 1.26 0.00	26.87 1.26 0.00
RAVENSWOOD_GT3_4 24251	15.21 0.85 0.00	15.34 0.90 0.00	15.53 0.86 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.67 0.92 0.00	23.81 0.83 0.00	23.18 0.94 0.00	17.39 0.88 0.00	20.51 1.14 0.00	26.31 1.47 0.00	28.96 1.75 0.00	30.20 1.89 0.00	28.95 1.89 0.00	29.35 1.95 0.00	32.65 2.18 0.00	37.14 2.27 0.00	39.93 2.25 0.00	40.26 2.09 0.00	44.23 1.97 0.00	53.72 2.33 0.00	47.38 1.76 0.00	30.09 1.26 0.00	26.87 1.26 0.00
RAVENSWOOD_GT1 23729	15.26 0.89 0.00	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.46 0.95 0.00	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.28 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.33 2.16 0.00	44.29 2.04 0.00	53.78 2.40 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
RAVENSWOOD_GT10 24258	15.20 0.84 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.16 1.85 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.26 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT11 24259	15.20 0.84 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.16 1.85 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.26 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT_4 24252	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.88 2.19 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT_5 24254	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.88 2.19 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT_6 24253	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.88 2.19 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT_7 24255	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.88 2.19 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	15.20 0.84 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.16 1.85 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.26 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD_GT_9 24257	15.20 0.84 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.65 0.90 0.00	23.78 0.80 0.00	23.16 0.92 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.16 1.85 0.00	28.91 1.84 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.26 0.00	47.33 1.71 0.00	30.05 1.22 0.00	26.84 1.23 0.00

RAVENSWOOD___1 23533	15.27 0.90 -0.01	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.47 0.95 -0.01	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.32 2.16 0.00	44.30 2.04 0.00	53.78 2.39 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
RAVENSWOOD___2 23534	15.27 0.90 -0.01	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.47 0.95 -0.01	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.32 2.16 0.00	44.30 2.04 0.00	53.78 2.39 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
RAVENSWOOD___3 23535	15.20 0.83 0.00	15.33 0.89 0.00	15.51 0.84 0.00	12.42 0.72 0.00	14.65 0.74 0.00	22.65 0.90 0.00	23.78 0.80 0.00	23.15 0.91 0.00	17.37 0.86 0.00	20.48 1.11 0.00	26.27 1.43 0.00	28.92 1.71 0.00	30.17 1.85 0.00	28.92 1.85 0.00	29.30 1.90 0.00	32.61 2.13 0.00	37.09 2.21 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.18 1.92 0.00	53.65 2.27 0.00	47.33 1.70 0.00	30.05 1.22 0.00	26.84 1.23 0.00
RAVENSWOOD___4 23820	15.27 0.90 -0.01	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.47 0.95 -0.01	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.27 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.32 2.16 0.00	44.30 2.04 0.00	53.78 2.39 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
RCPL_TRUST___DRP 24196	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.42 0.72 0.00	14.65 0.75 0.00	22.66 0.91 0.00	23.79 0.81 0.00	23.17 0.93 0.00	17.40 0.88 0.00	20.52 1.15 0.00	26.32 1.49 0.00	28.97 1.76 0.00	30.23 1.91 0.00	28.98 1.91 0.00	29.35 1.96 0.00	32.67 2.19 0.00	37.16 2.29 0.00	39.95 2.26 0.00	40.27 2.11 0.00	44.25 2.00 0.00	53.72 2.33 0.00	47.38 1.75 0.00	30.09 1.26 0.00	26.87 1.26 0.00
RED___ROCHESTER 323720	14.04 -0.31 0.01	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.65 -0.24 0.01	21.13 -0.53 0.10	22.24 -0.62 0.13	21.42 -0.39 0.43	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.43 0.00	26.63 -0.58 0.00	27.68 -0.63 0.00	26.42 -0.65 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.81 0.00	36.56 -1.13 0.00	36.99 -1.17 0.00	40.99 -1.27 0.00	49.80 -1.59 0.00	44.43 -1.20 0.00	28.05 -0.79 0.00	25.01 -0.60 0.00
REGAN___SOLAR 323812	15.03 0.67 0.00	15.11 0.67 0.00	15.31 0.65 0.00	12.23 0.53 0.00	14.56 0.66 0.00	22.77 1.02 0.00	23.94 0.96 0.00	22.66 0.43 0.00	16.43 -0.08 0.00	19.06 -0.30 0.00	24.39 -0.45 0.00	26.69 -0.52 0.00	27.75 -0.57 0.00	26.52 -0.55 0.00	26.90 -0.51 0.00	30.10 -0.38 0.00	34.98 0.11 0.00	38.34 0.66 0.00	39.48 1.31 0.00	44.27 2.02 0.00	54.09 2.71 0.00	48.12 2.50 0.00	30.34 1.51 0.00	26.91 1.30 0.00
RENSSELAER___COGEN 23796	14.52 0.16 0.00	14.62 0.18 0.00	14.86 0.19 0.00	11.87 0.17 0.00	14.10 0.19 0.00	21.86 0.10 0.00	22.97 -0.01 0.00	22.06 -0.18 0.00	16.33 -0.18 0.00	19.11 -0.26 0.00	24.55 -0.29 0.00	26.91 -0.30 0.00	27.98 -0.34 0.00	26.78 -0.29 0.00	27.09 -0.32 0.00	30.19 -0.28 0.00	34.50 -0.38 0.00	37.36 -0.33 0.00	37.90 -0.26 0.00	41.97 -0.29 0.00	50.98 -0.41 0.00	45.14 -0.48 0.00	28.74 -0.09 0.00	25.75 0.14 0.00
REPUBLIC_115KV_BARTNBK 55605	15.43 1.07 0.00	15.76 1.32 0.00	15.94 1.27 0.00	12.73 1.03 0.00	15.14 1.23 0.00	23.76 2.01 0.00	25.04 2.06 0.00	23.23 0.99 0.00	16.91 0.40 0.00	20.31 0.95 0.00	25.79 0.95 0.00	27.93 0.72 0.00	29.24 0.92 0.00	27.82 0.75 0.00	28.15 0.75 0.00	31.26 0.78 0.00	36.52 1.64 0.00	40.15 2.47 0.00	41.16 3.00 0.00	45.82 3.56 0.00	56.08 4.69 0.00	49.71 4.09 0.00	31.00 2.17 0.00	27.43 1.82 0.00
REVERE_CPPR_DRP 24186	14.67 0.31 0.00	14.77 0.33 0.00	14.94 0.27 0.00	11.88 0.26 0.08	14.23 0.33 0.00	22.25 0.50 0.00	23.46 0.48 0.00	22.59 0.35 0.00	16.68 0.17 0.00	19.49 0.12 0.00	24.95 0.11 0.00	27.26 0.05 0.00	28.38 0.06 0.00	27.13 0.06 0.00	27.49 0.09 0.00	30.63 0.15 0.00	35.31 0.43 0.00	38.42 0.73 0.00	39.24 1.07 0.00	43.61 1.35 0.00	53.09 1.70 0.00	47.08 1.45 0.00	29.64 0.81 0.00	26.31 0.70 0.00
REYNLDPA_13_KV_LD 356490	14.16 -0.21 0.00	14.18 -0.26 0.00	14.39 -0.28 0.00	8.73 -0.26 2.71	13.66 -0.24 0.00	21.59 -0.16 0.00	22.99 0.01 0.00	22.34 0.10 0.00	16.63 0.12 0.00	19.55 0.18 0.00	25.04 0.20 0.00	27.40 0.19 0.00	28.51 0.19 0.00	27.18 0.11 0.00	27.50 0.09 0.00	30.53 0.05 0.00	34.99 0.11 0.00	37.78 0.10 0.00	38.16 0.00 0.00	42.44 0.19 0.00	51.70 0.32 0.00	46.18 0.55 0.00	28.94 0.11 0.00	25.48 -0.13 0.00
REYNOLDS_115KV_TB3 80639	14.61 0.25 0.00	14.71 0.27 0.00	14.96 0.29 0.00	11.94 0.24 0.00	14.18 0.28 0.00	21.99 0.23 0.00	23.11 0.12 0.00	22.15 -0.08 0.00	16.38 -0.13 0.00	19.15 -0.21 0.00	24.63 -0.21 0.00	26.98 -0.23 0.00	28.06 -0.25 0.00	26.84 -0.23 0.00	27.14 -0.26 0.00	30.26 -0.21 0.00	34.59 -0.29 0.00	37.50 -0.19 0.00	38.05 -0.12 0.00	42.14 -0.11 0.00	51.19 -0.20 0.00	45.33 -0.29 0.00	28.89 0.06 0.00	25.89 0.28 0.00
RIVERBAY____ 323610	15.59 1.23 0.00	15.73 1.29 0.00	15.92 1.25 0.00	12.78 1.08 0.00	15.09 1.19 0.00	23.37 1.62 0.00	24.48 1.50 0.00	23.77 1.53 0.00	17.84 1.33 0.00	21.03 1.66 0.00	26.98 2.14 0.00	29.72 2.51 0.00	30.98 2.67 0.00	29.65 2.58 0.00	30.03 2.63 0.00	33.47 2.99 0.00	38.03 3.16 0.00	40.83 3.14 0.00	41.19 3.03 0.00	45.25 2.99 0.00	54.97 3.59 0.00	48.64 3.01 0.00	30.83 2.00 0.00	27.56 1.95 0.00
RIVERSDE_115KV_TB3 55908	14.57 0.21 0.00	14.67 0.22 0.00	14.91 0.24 0.00	11.90 0.21 0.00	14.14 0.23 0.00	21.92 0.17 0.00	23.04 0.06 0.00	22.12 -0.12 0.00	16.37 -0.14 0.00	19.14 -0.22 0.00	24.61 -0.23 0.00	26.98 -0.23 0.00	28.04 -0.27 0.00	26.84 -0.23 0.00	27.14 -0.26 0.00	30.26 -0.21 0.00	34.58 -0.29 0.00	37.47 -0.22 0.00	38.02 -0.14 0.00	42.09 -0.17 0.00	51.11 -0.28 0.00	45.26 -0.36 0.00	28.83 0.00 0.00	25.83 0.23 0.00
ROARING___BROOK_WT_PWR 323790	14.25 -0.11 0.00	14.32 -0.12 0.00	14.53 -0.14 0.00	12.74 -0.10 -1.14	13.80 -0.10 0.00	21.60 -0.16 0.00	22.81 -0.17 0.00	22.07 -0.16 0.00	16.43 -0.08 0.00	19.28 -0.09 0.00	24.72 -0.12 0.00	27.08 -0.14 0.00	28.17 -0.14 0.00	26.92 -0.15 0.00	27.23 -0.17 0.00	30.29 -0.18 0.00	34.69 -0.18 0.00	37.46 -0.23 0.00	37.93 -0.23 0.00	42.07 -0.19 0.00	51.18 -0.20 0.00	45.49 -0.14 0.00	28.72 -0.11 0.00	25.50 -0.11 0.00

ROCHESRG_115KV_T4 355643	13.93 -0.43 0.00	14.05 -0.39 0.00	14.11 -0.56 0.00	11.32 -0.38 0.00	13.55 -0.36 0.00	21.03 -0.72 0.00	22.15 -0.82 0.00	21.64 -0.60 0.00	16.02 -0.49 0.00	18.85 -0.52 0.00	24.18 -0.66 0.00	26.37 -0.84 0.00	27.40 -0.91 0.00	26.14 -0.93 0.00	26.47 -0.93 0.00	29.35 -1.13 0.00	33.66 -1.22 0.00	36.12 -1.57 0.00	36.53 -1.64 0.00	40.49 -1.77 0.00	49.20 -2.18 0.00	43.89 -1.73 0.00	27.74 -1.10 0.00	24.76 -0.85 0.00
ROCHESTER_9_IC 23652	14.00 -0.37 0.00	14.12 -0.32 0.00	14.17 -0.50 0.00	11.38 -0.32 0.00	13.61 -0.29 0.00	21.14 -0.61 0.00	22.27 -0.71 0.00	21.76 -0.48 0.00	16.10 -0.41 0.00	18.94 -0.42 0.00	24.31 -0.53 0.00	26.51 -0.69 0.00	27.55 -0.77 0.00	26.30 -0.78 0.00	26.62 -0.77 0.00	29.52 -0.96 0.00	33.87 -1.01 0.00	36.35 -1.34 0.00	36.77 -1.39 0.00	40.75 -1.50 0.00	49.51 -1.87 0.00	44.17 -1.46 0.00	27.90 -0.93 0.00	24.90 -0.71 0.00
ROCKVIEW_13_KV_LD 356306	15.19 0.83 0.00	15.32 0.88 0.00	15.51 0.84 0.00	12.41 0.71 0.00	14.65 0.75 0.00	22.67 0.91 0.00	23.80 0.82 0.00	23.15 0.91 0.00	17.36 0.85 0.00	20.46 1.10 0.00	26.26 1.42 0.00	28.91 1.70 0.00	30.14 1.83 0.00	28.88 1.81 0.00	29.28 1.87 0.00	32.58 2.10 0.00	37.07 2.19 0.00	39.87 2.18 0.00	40.21 2.04 0.00	44.23 1.97 0.00	53.76 2.37 0.00	47.41 1.79 0.00	30.07 1.24 0.00	26.85 1.23 0.00
ROME____115KV_TB2 80656	14.67 0.31 0.00	14.77 0.33 0.00	14.94 0.27 0.00	11.88 0.26 0.08	14.23 0.33 0.00	22.25 0.50 0.00	23.46 0.48 0.00	22.59 0.35 0.00	16.68 0.17 0.00	19.49 0.12 0.00	24.95 0.11 0.00	27.26 0.05 0.00	28.38 0.06 0.00	27.13 0.06 0.00	27.49 0.09 0.00	30.63 0.15 0.00	35.31 0.43 0.00	38.42 0.73 0.00	39.24 1.07 0.00	43.61 1.35 0.00	53.09 1.70 0.00	47.08 1.45 0.00	29.64 0.81 0.00	26.31 0.70 0.00
ROSETON___1 23587	14.98 0.62 0.00	15.11 0.67 0.00	15.31 0.64 0.00	12.26 0.56 0.00	14.48 0.57 0.00	22.41 0.66 0.00	23.53 0.55 0.00	22.85 0.61 0.00	17.09 0.58 0.00	20.12 0.75 0.00	25.81 0.97 0.00	28.37 1.16 0.00	29.58 1.26 0.00	28.34 1.27 0.00	28.71 1.31 0.00	31.96 1.49 0.00	36.41 1.53 0.00	39.21 1.52 0.00	39.59 1.43 0.00	43.58 1.32 0.00	52.95 1.57 0.00	46.78 1.15 0.00	29.72 0.89 0.00	26.55 0.94 0.00
ROSETON___2 23588	14.98 0.62 0.00	15.11 0.67 0.00	15.31 0.64 0.00	12.26 0.56 0.00	14.48 0.57 0.00	22.41 0.66 0.00	23.53 0.55 0.00	22.85 0.61 0.00	17.09 0.58 0.00	20.12 0.75 0.00	25.81 0.97 0.00	28.37 1.16 0.00	29.58 1.26 0.00	28.34 1.27 0.00	28.71 1.31 0.00	31.96 1.49 0.00	36.41 1.53 0.00	39.21 1.52 0.00	39.59 1.43 0.00	43.58 1.32 0.00	52.95 1.57 0.00	46.78 1.15 0.00	29.72 0.89 0.00	26.55 0.94 0.00
ROTRRDAM_115KV_TB3 80664	14.67 0.31 0.00	14.77 0.33 0.00	15.01 0.34 0.00	11.99 0.29 0.00	14.23 0.33 0.00	22.13 0.38 0.00	23.31 0.33 0.00	22.44 0.20 0.00	16.59 0.08 0.00	19.42 0.06 0.00	24.89 0.05 0.00	27.26 0.05 0.00	28.36 0.04 0.00	27.12 0.05 0.00	27.43 0.03 0.00	30.55 0.08 0.00	35.01 0.14 0.00	37.95 0.27 0.00	38.52 0.36 0.00	42.69 0.43 0.00	51.93 0.54 0.00	46.03 0.41 0.00	29.20 0.37 0.00	26.08 0.47 0.00
RUSSELL___1 23602	14.06 -0.31 0.00	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.66 -0.24 0.00	21.23 -0.53 0.00	22.36 -0.62 0.00	21.85 -0.39 0.00	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.42 0.00	26.63 -0.58 0.00	27.68 -0.64 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.82 0.00	36.55 -1.13 0.00	36.99 -1.18 0.00	40.99 -1.27 0.00	49.80 -1.58 0.00	44.42 -1.20 0.00	28.04 -0.79 0.00	25.01 -0.60 0.00
RUSSELL___2 23532	14.06 -0.31 0.00	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.66 -0.24 0.00	21.23 -0.53 0.00	22.36 -0.62 0.00	21.85 -0.39 0.00	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.42 0.00	26.63 -0.58 0.00	27.68 -0.64 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.82 0.00	36.55 -1.13 0.00	36.99 -1.18 0.00	40.99 -1.27 0.00	49.80 -1.58 0.00	44.42 -1.20 0.00	28.04 -0.79 0.00	25.01 -0.60 0.00
RUSSELL___3 23549	14.06 -0.31 0.00	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.66 -0.24 0.00	21.23 -0.53 0.00	22.36 -0.62 0.00	21.85 -0.39 0.00	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.42 0.00	26.63 -0.58 0.00	27.68 -0.64 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.82 0.00	36.55 -1.13 0.00	36.99 -1.18 0.00	40.99 -1.27 0.00	49.80 -1.58 0.00	44.42 -1.20 0.00	28.04 -0.79 0.00	25.01 -0.60 0.00
RUSSELL___4 23556	14.06 -0.31 0.00	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.66 -0.24 0.00	21.23 -0.53 0.00	22.36 -0.62 0.00	21.85 -0.39 0.00	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.42 0.00	26.63 -0.58 0.00	27.68 -0.64 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.82 0.00	36.55 -1.13 0.00	36.99 -1.18 0.00	40.99 -1.27 0.00	49.80 -1.58 0.00	44.42 -1.20 0.00	28.04 -0.79 0.00	25.01 -0.60 0.00
RUSSELL___STATION 23914	14.06 -0.31 0.00	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.66 -0.24 0.00	21.23 -0.53 0.00	22.36 -0.62 0.00	21.85 -0.39 0.00	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.42 0.00	26.63 -0.58 0.00	27.68 -0.64 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.82 0.00	36.55 -1.13 0.00	36.99 -1.18 0.00	40.99 -1.27 0.00	49.80 -1.58 0.00	44.42 -1.20 0.00	28.04 -0.79 0.00	25.01 -0.60 0.00
S SALMON___HYD 24043	14.02 -0.34 0.00	14.12 -0.32 0.00	14.26 -0.41 0.00	11.23 -0.28 0.19	13.63 -0.27 0.00	21.23 -0.52 0.00	22.32 -0.66 0.00	21.51 -0.73 0.00	15.88 -0.63 0.00	18.59 -0.78 0.00	23.84 -1.00 0.00	26.13 -1.08 0.00	27.18 -1.14 0.00	25.97 -1.10 0.00	26.28 -1.12 0.00	29.17 -1.31 0.00	33.51 -1.36 0.00	36.40 -1.29 0.00	37.10 -1.07 0.00	41.34 -0.92 0.00	50.46 -0.93 0.00	44.93 -0.69 0.00	28.35 -0.48 0.00	25.14 -0.47 0.00
S.PERRY__115KV_TB1 80734	14.44 0.07 0.00	14.58 0.14 0.00	14.62 -0.05 0.00	11.76 0.06 0.00	14.07 0.16 0.00	21.90 0.14 0.00	23.09 0.10 0.00	22.38 0.14 0.00	16.29 -0.22 0.00	19.14 -0.23 0.00	24.57 -0.27 0.00	26.79 -0.42 0.00	27.83 -0.48 0.00	26.51 -0.56 0.00	26.88 -0.53 0.00	29.77 -0.71 0.00	34.27 -0.60 0.00	36.96 -0.72 0.00	37.62 -0.54 0.00	41.94 -0.32 0.00	51.07 -0.31 0.00	45.64 0.01 0.00	28.74 -0.09 0.00	25.59 -0.03 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	13.85 -0.52 0.00	14.00 -0.44 0.00	13.95 -0.72 0.00	11.23 -0.47 0.00	13.48 -0.42 0.00	20.84 -0.91 0.00	21.88 -1.11 0.00	21.52 -0.72 0.00	15.94 -0.57 0.00	18.83 -0.53 0.00	24.18 -0.66 0.00	26.29 -0.92 0.00	27.27 -1.04 0.00	25.96 -1.11 0.00	26.28 -1.12 0.00	28.95 -1.53 0.00	33.20 -1.68 0.00	35.37 -2.32 0.00	35.70 -2.46 0.00	39.60 -2.65 0.00	48.07 -3.31 0.00	43.06 -2.57 0.00	27.30 -1.53 0.00	24.49 -1.12 0.00

SAWYER___23_KV_LOAD 55526	13.85 -0.52 0.00	14.00 -0.44 0.00	13.95 -0.72 0.00	11.23 -0.47 0.00	13.48 -0.42 0.00	20.84 -0.91 0.00	21.88 -1.11 0.00	21.52 -0.72 0.00	15.94 -0.57 0.00	18.83 -0.53 0.00	24.18 -0.66 0.00	26.29 -0.92 0.00	27.27 -1.04 0.00	25.96 -1.11 0.00	26.28 -1.12 0.00	28.95 -1.53 0.00	33.20 -1.68 0.00	35.37 -2.32 0.00	35.70 -2.46 0.00	39.60 -2.65 0.00	48.07 -3.31 0.00	43.06 -2.57 0.00	27.30 -1.53 0.00	24.49 -1.12 0.00
SELKIRK___I 23801	14.63 0.27 0.00	14.75 0.31 0.00	14.99 0.32 0.00	11.98 0.28 0.00	14.22 0.32 0.00	22.07 0.32 0.00	23.20 0.22 0.00	22.26 0.02 0.00	16.46 -0.05 0.00	19.24 -0.13 0.00	24.71 -0.13 0.00	27.09 -0.12 0.00	28.15 -0.17 0.00	26.92 -0.15 0.00	27.25 -0.15 0.00	30.38 -0.10 0.00	34.78 -0.09 0.00	37.70 0.01 0.00	38.28 0.12 0.00	42.40 0.14 0.00	51.54 0.16 0.00	45.67 0.05 0.00	29.04 0.21 0.00	25.98 0.37 0.00
SELKIRK___II 23799	14.58 0.21 0.00	14.68 0.24 0.00	14.92 0.25 0.00	11.91 0.22 0.00	14.15 0.25 0.00	21.94 0.19 0.00	23.07 0.09 0.00	22.20 -0.04 0.00	16.45 -0.06 0.00	19.26 -0.11 0.00	24.74 -0.10 0.00	27.12 -0.09 0.00	28.20 -0.11 0.00	26.98 -0.09 0.00	27.30 -0.10 0.00	30.42 -0.06 0.00	34.76 -0.11 0.00	37.63 -0.06 0.00	38.15 -0.02 0.00	42.21 -0.04 0.00	51.29 -0.09 0.00	45.43 -0.19 0.00	28.90 0.06 0.00	25.86 0.25 0.00
SENECA OSWGO___HYD 24041	13.92 -0.44 0.00	14.02 -0.42 0.00	14.18 -0.49 0.00	11.35 -0.35 0.00	13.50 -0.40 0.00	21.04 -0.71 0.00	22.19 -0.80 0.00	21.48 -0.76 0.00	15.88 -0.63 0.00	18.61 -0.76 0.00	23.87 -0.97 0.00	26.08 -1.13 0.00	27.15 -1.17 0.00	25.95 -1.11 0.00	26.30 -1.10 0.00	29.27 -1.21 0.00	33.57 -1.30 0.00	36.34 -1.35 0.00	36.87 -1.30 0.00	40.85 -1.40 0.00	49.68 -1.71 0.00	44.09 -1.53 0.00	27.87 -0.96 0.00	24.79 -0.82 0.00
SENECA___115KV_TB3 355854	14.01 -0.35 0.00	14.17 -0.27 0.00	14.13 -0.54 0.00	11.37 -0.33 0.00	13.64 -0.26 0.00	21.11 -0.64 0.00	22.17 -0.81 0.00	21.84 -0.40 0.00	16.15 -0.36 0.00	19.07 -0.30 0.00	24.48 -0.36 0.00	26.62 -0.58 0.00	27.62 -0.70 0.00	26.28 -0.79 0.00	26.61 -0.79 0.00	29.29 -1.18 0.00	33.64 -1.24 0.00	35.90 -1.79 0.00	36.25 -1.91 0.00	40.19 -2.06 0.00	48.78 -2.60 0.00	43.66 -1.96 0.00	27.65 -1.18 0.00	24.79 -0.83 0.00
SENECA___ENERGY 23797	14.05 -0.31 0.00	14.17 -0.27 0.00	14.30 -0.37 0.00	11.46 -0.23 0.00	13.67 -0.24 0.00	21.26 -0.50 0.00	22.45 -0.53 0.00	21.97 -0.27 0.00	16.19 -0.32 0.00	18.87 -0.49 0.00	24.19 -0.65 0.00	26.41 -0.80 0.00	27.46 -0.85 0.00	26.23 -0.84 0.00	26.59 -0.80 0.00	29.55 -0.93 0.00	33.93 -0.94 0.00	36.69 -1.00 0.00	37.10 -1.06 0.00	41.04 -1.22 0.00	49.89 -1.50 0.00	44.33 -1.30 0.00	28.07 -0.76 0.00	24.97 -0.64 0.00
SHOEMAKER___GT 23640	14.90 0.54 0.00	15.02 0.58 0.00	15.22 0.55 0.00	12.19 0.49 0.00	14.39 0.49 0.00	22.31 0.56 0.00	23.45 0.47 0.00	22.76 0.52 0.00	16.98 0.47 0.00	19.96 0.59 0.00	25.59 0.75 0.00	28.11 0.90 0.00	29.29 0.97 0.00	28.07 1.00 0.00	28.46 1.06 0.00	31.67 1.19 0.00	36.12 1.25 0.00	38.97 1.28 0.00	39.38 1.22 0.00	43.40 1.14 0.00	52.76 1.37 0.00	46.65 1.02 0.00	29.60 0.77 0.00	26.43 0.82 0.00
SHOEMAKR_138KV_BK 111 55601	14.90 0.53 0.00	15.02 0.58 0.00	15.22 0.55 0.00	12.19 0.49 0.00	14.39 0.49 0.00	22.31 0.56 0.00	23.44 0.46 0.00	22.76 0.52 0.00	16.99 0.47 0.00	19.98 0.61 0.00	25.61 0.78 0.00	28.14 0.92 0.00	29.33 1.01 0.00	28.11 1.04 0.00	28.49 1.09 0.00	31.70 1.22 0.00	36.15 1.28 0.00	38.98 1.29 0.00	39.39 1.22 0.00	43.40 1.14 0.00	52.75 1.36 0.00	46.62 1.00 0.00	29.59 0.76 0.00	26.42 0.81 0.00
SHOREHAM_IC_1 23715	10.30 1.33 5.40	13.96 1.25 1.73	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.18 1.42 0.00	24.31 1.33 0.00	23.55 1.32 0.00	17.68 1.16 0.00	20.78 1.42 0.00	26.67 1.83 0.00	29.39 2.19 0.00	34.94 2.45 -4.18	29.47 2.40 0.00	33.49 2.63 -3.46	39.29 3.02 -5.79	37.45 2.58 0.00	40.09 2.41 0.00	40.11 1.95 0.00	43.84 1.59 0.00	54.67 3.29 0.00	47.99 2.37 0.00	30.59 1.76 0.00	27.48 1.87 0.00
SHOREHAM_IC_2 23716	10.29 1.33 5.40	13.97 1.25 1.73	15.79 1.12 0.00	12.66 0.96 0.00	14.94 1.04 0.00	23.18 1.43 0.00	24.31 1.33 0.00	23.55 1.31 0.00	17.68 1.16 0.00	20.78 1.42 0.00	26.67 1.83 0.00	29.40 2.19 0.00	34.95 2.45 -4.18	29.47 2.40 0.00	33.49 2.63 -3.46	39.28 3.02 -5.79	37.45 2.58 0.00	40.10 2.41 0.00	40.11 1.95 0.00	43.84 1.59 0.00	54.67 3.29 0.00	47.99 2.37 0.00	30.59 1.76 0.00	27.49 1.87 0.00
SISSONVILLE____ 23735	13.77 -0.59 0.00	13.78 -0.66 0.00	13.99 -0.68 0.00	8.96 -0.58 2.16	13.30 -0.61 0.00	21.09 -0.66 0.00	22.45 -0.53 0.00	21.64 -0.60 0.00	16.08 -0.43 0.00	18.87 -0.50 0.00	24.17 -0.67 0.00	26.53 -0.67 0.00	27.60 -0.72 0.00	26.21 -0.86 0.00	26.51 -0.89 0.00	29.41 -1.07 0.00	33.75 -1.12 0.00	36.54 -1.15 0.00	36.83 -1.33 0.00	41.17 -1.08 0.00	50.38 -1.00 0.00	45.31 -0.32 0.00	28.17 -0.66 0.00	24.71 -0.90 0.00
SITHE_IND_GS1 24169	13.82 -0.54 0.00	13.92 -0.52 0.00	14.09 -0.58 0.00	11.27 -0.43 0.00	13.41 -0.49 0.00	20.90 -0.85 0.00	22.03 -0.95 0.00	21.35 -0.89 0.00	15.81 -0.70 0.00	18.54 -0.83 0.00	23.77 -1.07 0.00	26.01 -1.20 0.00	27.06 -1.25 0.00	25.87 -1.20 0.00	26.20 -1.20 0.00	29.14 -1.34 0.00	33.39 -1.48 0.00	36.07 -1.62 0.00	36.55 -1.62 0.00	40.48 -1.78 0.00	49.21 -2.17 0.00	43.71 -1.91 0.00	27.65 -1.18 0.00	24.61 -1.00 0.00
SITHE_IND_GS2 24170	13.82 -0.54 0.00	13.92 -0.52 0.00	14.09 -0.58 0.00	11.27 -0.43 0.00	13.41 -0.49 0.00	20.90 -0.85 0.00	22.03 -0.95 0.00	21.35 -0.89 0.00	15.81 -0.70 0.00	18.54 -0.83 0.00	23.77 -1.07 0.00	26.01 -1.20 0.00	27.06 -1.25 0.00	25.87 -1.20 0.00	26.20 -1.20 0.00	29.14 -1.34 0.00	33.39 -1.48 0.00	36.07 -1.62 0.00	36.55 -1.62 0.00	40.48 -1.78 0.00	49.21 -2.17 0.00	43.71 -1.91 0.00	27.65 -1.18 0.00	24.61 -1.00 0.00
SITHE_IND_GS3 24171	13.82 -0.54 0.00	13.92 -0.52 0.00	14.09 -0.58 0.00	11.27 -0.43 0.00	13.41 -0.49 0.00	20.90 -0.85 0.00	22.03 -0.95 0.00	21.35 -0.89 0.00	15.81 -0.70 0.00	18.54 -0.83 0.00	23.77 -1.07 0.00	26.01 -1.20 0.00	27.06 -1.25 0.00	25.87 -1.20 0.00	26.20 -1.20 0.00	29.14 -1.34 0.00	33.39 -1.48 0.00	36.07 -1.62 0.00	36.55 -1.62 0.00	40.48 -1.78 0.00	49.21 -2.17 0.00	43.71 -1.91 0.00	27.65 -1.18 0.00	24.61 -1.00 0.00
SITHE_IND_GS4 24172	13.82 -0.54 0.00	13.92 -0.52 0.00	14.09 -0.58 0.00	11.27 -0.43 0.00	13.41 -0.49 0.00	20.90 -0.85 0.00	22.03 -0.95 0.00	21.35 -0.89 0.00	15.81 -0.70 0.00	18.54 -0.83 0.00	23.77 -1.07 0.00	26.01 -1.20 0.00	27.06 -1.25 0.00	25.87 -1.20 0.00	26.20 -1.20 0.00	29.14 -1.34 0.00	33.39 -1.48 0.00	36.07 -1.62 0.00	36.55 -1.62 0.00	40.48 -1.78 0.00	49.21 -2.17 0.00	43.71 -1.91 0.00	27.65 -1.18 0.00	24.61 -1.00 0.00

SITHE___BATAVIA 24024	14.09 -0.26 0.02	14.24 -0.20 0.00	14.22 -0.45 0.00	11.44 -0.26 0.00	13.74 -0.15 0.01	21.17 -0.43 0.15	22.26 -0.53 0.19	21.38 -0.24 0.61	16.26 -0.25 0.00	19.00 -0.37 0.00	24.37 -0.47 0.00	26.53 -0.68 0.00	27.53 -0.79 0.00	26.28 -0.79 0.00	26.58 -0.82 0.00	29.39 -1.09 0.00	33.85 -1.03 0.00	36.33 -1.35 0.00	36.81 -1.36 0.00	40.87 -1.38 0.00	49.68 -1.71 0.00	44.48 -1.15 0.00	28.10 -0.72 0.00	25.12 -0.49 0.00
SITHE___INDEPEND 23800	13.82 -0.54 0.00	13.92 -0.52 0.00	14.09 -0.58 0.00	11.27 -0.43 0.00	13.41 -0.49 0.00	20.90 -0.86 0.00	22.03 -0.95 0.00	21.35 -0.89 0.00	15.81 -0.70 0.00	18.54 -0.83 0.00	23.77 -1.07 0.00	26.01 -1.20 0.00	27.06 -1.25 0.00	25.87 -1.21 0.00	26.19 -1.21 0.00	29.14 -1.34 0.00	33.39 -1.49 0.00	36.07 -1.62 0.00	36.55 -1.62 0.00	40.47 -1.78 0.00	49.21 -2.18 0.00	43.71 -1.91 0.00	27.65 -1.18 0.00	24.61 -1.00 0.00
SITHE___MASSENA 23902	14.10 -0.27 0.00	14.12 -0.32 0.00	14.33 -0.34 0.00	8.78 -0.31 2.61	13.60 -0.30 0.00	21.52 -0.23 0.00	22.98 0.00 0.00	22.30 0.06 0.00	16.59 0.08 0.00	19.49 0.13 0.00	24.98 0.14 0.00	27.34 0.13 0.00	28.44 0.12 0.00	27.10 0.04 0.00	27.42 0.02 0.00	30.44 -0.04 0.00	34.88 0.01 0.00	37.68 0.00 0.00	37.93 -0.23 0.00	42.24 -0.02 0.00	51.52 0.14 0.00	46.21 0.59 0.00	28.83 0.00 0.00	25.36 -0.25 0.00
SITHE___OGDNSBRG 24021	14.15 -0.22 0.00	14.16 -0.28 0.00	14.36 -0.31 0.00	9.07 -0.29 2.34	13.65 -0.25 0.00	21.66 -0.09 0.00	23.11 0.13 0.00	22.23 -0.01 0.00	16.47 -0.04 0.00	19.33 -0.04 0.00	24.76 -0.08 0.00	27.12 -0.09 0.00	28.21 -0.11 0.00	26.84 -0.23 0.00	27.15 -0.25 0.00	30.13 -0.34 0.00	34.57 -0.31 0.00	37.39 -0.30 0.00	37.67 -0.50 0.00	42.21 -0.05 0.00	51.98 0.59 0.00	46.77 1.15 0.00	29.08 0.25 0.00	25.49 -0.12 0.00
SITHE___STERLING 23777	14.60 0.23 0.00	14.69 0.25 0.00	14.88 0.21 0.00	11.90 0.20 0.00	14.16 0.26 0.00	22.11 0.36 0.00	23.31 0.33 0.00	22.47 0.23 0.00	16.59 0.07 0.00	19.40 0.03 0.00	24.85 0.01 0.00	27.18 -0.03 0.00	28.29 -0.03 0.00	27.06 -0.01 0.00	27.42 0.02 0.00	30.53 0.06 0.00	35.10 0.23 0.00	38.13 0.44 0.00	38.86 0.70 0.00	43.13 0.87 0.00	52.47 1.09 0.00	46.54 0.91 0.00	29.35 0.52 0.00	26.08 0.46 0.00
SLEIGHT__34_KV_TB1 80719	13.96 -0.41 0.00	14.07 -0.37 0.00	14.16 -0.50 0.00	11.36 -0.34 0.00	13.57 -0.34 0.00	21.11 -0.65 0.00	22.27 -0.71 0.00	21.65 -0.58 0.00	15.97 -0.54 0.00	18.75 -0.62 0.00	24.04 -0.80 0.00	26.22 -0.99 0.00	27.28 -1.04 0.00	26.05 -1.02 0.00	26.40 -1.00 0.00	29.35 -1.13 0.00	33.73 -1.14 0.00	36.39 -1.30 0.00	36.87 -1.29 0.00	40.82 -1.44 0.00	49.62 -1.77 0.00	44.17 -1.46 0.00	27.90 -0.93 0.00	24.83 -0.78 0.00
SMITHTWN_69_KV_BK 1 55830	10.56 1.26 5.06	13.98 1.18 1.64	15.73 1.06 0.00	12.61 0.91 0.00	14.87 0.97 0.00	23.07 1.32 0.00	24.19 1.21 0.00	23.43 1.19 0.00	17.59 1.08 0.00	20.70 1.33 0.00	26.63 1.79 0.00	29.37 2.15 0.00	34.98 2.42 -4.25	29.44 2.37 0.00	33.48 2.60 -3.48	39.29 2.98 -5.83	37.56 2.68 0.00	40.19 2.50 0.00	40.49 2.32 0.00	44.28 2.02 0.00	54.51 3.13 0.00	47.87 2.24 0.00	30.54 1.72 0.00	27.44 1.83 0.00
SOUTH CAIRO___GT 23612	14.97 0.60 0.00	15.07 0.63 0.00	15.31 0.64 0.00	12.23 0.53 0.00	14.55 0.64 0.00	22.59 0.83 0.00	23.78 0.79 0.00	22.79 0.55 0.00	16.71 0.20 0.00	19.39 0.03 0.00	24.81 -0.02 0.00	27.16 -0.05 0.00	28.19 -0.12 0.00	27.00 -0.07 0.00	27.38 -0.03 0.00	30.55 0.07 0.00	35.13 0.25 0.00	38.31 0.62 0.00	39.12 0.95 0.00	43.57 1.31 0.00	53.06 1.68 0.00	47.00 1.38 0.00	29.79 0.96 0.00	26.59 0.98 0.00
SOUTH HAMPTN___IC 23720	10.44 1.56 5.49	14.15 1.46 1.75	15.98 1.32 0.00	12.84 1.14 0.00	15.16 1.26 0.00	23.50 1.74 0.00	24.67 1.69 0.00	23.92 1.68 0.00	17.97 1.46 0.00	21.15 1.78 0.00	27.16 2.32 0.00	29.93 2.72 0.00	35.49 3.01 -4.16	29.98 2.91 0.00	33.98 3.13 -3.45	39.81 3.55 -5.78	37.98 3.10 0.00	40.43 2.74 0.00	40.38 2.22 0.00	44.09 1.84 0.00	54.88 3.50 0.00	48.15 2.53 0.00	30.66 1.83 0.00	27.54 1.93 0.00
SOUTHDOW_115KV_TB1 355954	14.39 0.03 0.00	14.57 0.13 0.00	14.54 -0.13 0.00	11.70 0.00 0.00	13.98 0.08 0.00	21.74 -0.02 0.00	22.99 0.01 0.00	22.71 0.47 0.00	16.82 0.31 0.00	19.94 0.58 0.00	25.61 0.78 0.00	27.76 0.55 0.00	28.74 0.42 0.00	27.29 0.22 0.00	27.60 0.20 0.00	30.33 -0.14 0.00	34.88 0.00 0.00	37.33 -0.36 0.00	37.64 -0.53 0.00	41.63 -0.63 0.00	50.60 -0.79 0.00	45.12 -0.51 0.00	28.53 -0.31 0.00	25.55 -0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	10.63 1.75 5.49	14.29 1.60 1.75	16.10 1.43 0.00	12.97 1.27 0.00	15.32 1.41 0.00	23.73 1.97 0.00	24.92 1.94 0.00	24.20 1.96 0.00	18.20 1.69 0.00	21.44 2.07 0.00	27.53 2.69 0.00	30.32 3.11 0.00	35.90 3.42 -4.16	30.34 3.26 0.00	34.30 3.44 -3.45	40.16 3.90 -5.78	38.23 3.36 0.00	40.38 2.69 0.00	40.21 2.04 0.00	43.86 1.60 0.00	54.66 3.27 0.00	47.95 2.33 0.00	30.51 1.68 0.00	27.41 1.80 0.00
SOUTHOLD___IC 23719	10.63 1.75 5.49	14.28 1.60 1.75	16.10 1.43 0.00	12.97 1.27 0.00	15.32 1.41 0.00	23.73 1.97 0.00	24.92 1.94 0.00	24.20 1.96 0.00	18.20 1.69 0.00	21.44 2.07 0.00	27.53 2.69 0.00	30.32 3.11 0.00	35.90 3.42 -4.16	30.33 3.26 0.00	34.30 3.44 -3.45	40.16 3.90 -5.78	38.23 3.36 0.00	40.38 2.69 0.00	40.20 2.04 0.00	43.86 1.61 0.00	54.66 3.28 0.00	47.95 2.33 0.00	30.51 1.68 0.00	27.41 1.79 0.00
SOUTH_FORK_WT_PWR 323839	10.69 1.81 5.49	14.32 1.63 1.75	16.10 1.43 0.00	13.00 1.30 0.00	15.35 1.45 0.00	23.76 2.01 0.00	24.96 1.98 0.00	24.26 2.02 0.00	18.26 1.75 0.00	21.53 2.16 0.00	27.65 2.81 0.00	30.45 3.24 0.00	36.04 3.56 -4.16	30.43 3.36 0.00	34.34 3.49 -3.45	40.20 3.94 -5.78	38.14 3.26 0.00	39.99 2.30 0.00	39.66 1.50 0.00	43.24 0.99 0.00	53.97 2.58 0.00	47.36 1.73 0.00	30.14 1.31 0.00	27.09 1.48 0.00
SPIERFLS_115KV_TB 1 80737	14.88 0.51 0.00	15.00 0.56 0.00	15.24 0.57 0.00	12.16 0.47 0.00	14.47 0.56 0.00	22.53 0.78 0.00	23.94 0.96 0.00	22.84 0.60 0.00	16.83 0.32 0.00	19.73 0.37 0.00	25.03 0.19 0.00	27.36 0.15 0.00	28.36 0.04 0.00	26.94 -0.13 0.00	27.10 -0.30 0.00	30.09 -0.38 0.00	34.68 -0.19 0.00	37.79 0.10 0.00	38.48 0.32 0.00	42.70 0.44 0.00	52.01 0.62 0.00	46.04 0.42 0.00	29.16 0.32 0.00	26.38 0.76 0.00
ST LAWRENCE____ 23600	14.03 -0.33 0.00	14.06 -0.38 0.00	14.27 -0.40 0.00	8.61 -0.36 2.73	13.54 -0.36 0.00	21.40 -0.36 0.00	22.77 -0.22 0.00	22.13 -0.11 0.00	16.48 -0.03 0.00	19.36 -0.01 0.00	24.80 -0.03 0.00	27.14 -0.07 0.00	28.24 -0.08 0.00	26.93 -0.14 0.00	27.24 -0.15 0.00	30.25 -0.23 0.00	34.66 -0.21 0.00	37.44 -0.25 0.00	37.83 -0.33 0.00	42.06 -0.20 0.00	51.22 -0.17 0.00	45.75 0.12 0.00	28.68 -0.15 0.00	25.26 -0.35 0.00

STATE_CA_115KV_115_LB 55624	14.58 0.22 0.00	14.68 0.24 0.00	14.92 0.25 0.00	11.92 0.22 0.00	14.15 0.25 0.00	21.95 0.19 0.00	23.08 0.10 0.00	22.17 -0.07 0.00	16.42 -0.09 0.00	19.20 -0.17 0.00	24.67 -0.17 0.00	27.04 -0.17 0.00	28.12 -0.20 0.00	26.92 -0.15 0.00	27.23 -0.17 0.00	30.37 -0.11 0.00	34.73 -0.15 0.00	37.62 -0.07 0.00	38.16 -0.01 0.00	42.23 -0.03 0.00	51.30 -0.09 0.00	45.41 -0.21 0.00	28.89 0.06 0.00	25.87 0.26 0.00
STATE_ST_34_KV_LOAD 55959	14.23 -0.13 0.00	14.30 -0.14 0.00	14.49 -0.18 0.00	11.61 -0.08 0.00	13.83 -0.08 0.00	21.49 -0.26 0.00	22.71 -0.27 0.00	21.98 -0.26 0.00	16.18 -0.33 0.00	18.92 -0.45 0.00	24.22 -0.62 0.00	26.47 -0.73 0.00	27.56 -0.76 0.00	26.34 -0.73 0.00	26.70 -0.70 0.00	29.73 -0.75 0.00	34.17 -0.71 0.00	37.11 -0.58 0.00	37.65 -0.52 0.00	41.58 -0.68 0.00	50.55 -0.83 0.00	44.90 -0.73 0.00	28.46 -0.37 0.00	25.24 -0.37 0.00
STATION_5_MISC_HYD 23604	13.99 -0.36 0.01	14.12 -0.32 0.00	14.17 -0.50 0.00	11.37 -0.32 0.00	13.60 -0.30 0.01	21.04 -0.61 0.10	22.14 -0.71 0.13	21.34 -0.48 0.43	16.11 -0.41 0.00	18.95 -0.42 0.00	24.31 -0.53 0.00	26.51 -0.69 0.00	27.55 -0.76 0.00	26.30 -0.77 0.00	26.62 -0.77 0.00	29.52 -0.96 0.00	33.87 -1.00 0.00	36.35 -1.34 0.00	36.77 -1.39 0.00	40.75 -1.51 0.00	49.51 -1.87 0.00	44.17 -1.46 0.00	27.90 -0.93 0.00	24.90 -0.71 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	14.02 -0.34 0.00	14.14 -0.30 0.00	14.23 -0.44 0.00	11.41 -0.29 0.00	13.63 -0.27 0.00	21.20 -0.55 0.00	22.40 -0.59 0.00	22.26 0.02 0.00	16.41 -0.10 0.00	18.90 -0.47 0.00	24.23 -0.61 0.00	26.44 -0.78 0.00	27.48 -0.84 0.00	26.23 -0.84 0.00	26.58 -0.82 0.00	29.52 -0.96 0.00	33.90 -0.97 0.00	36.51 -1.18 0.00	36.96 -1.20 0.00	40.93 -1.32 0.00	49.76 -1.62 0.00	44.30 -1.33 0.00	28.00 -0.83 0.00	24.95 -0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	13.92 -0.44 0.00	14.04 -0.40 0.00	14.10 -0.57 0.00	11.31 -0.38 0.00	13.53 -0.37 0.00	21.03 -0.72 0.00	22.16 -0.82 0.00	21.63 -0.61 0.00	16.01 -0.49 0.00	18.84 -0.53 0.00	24.18 -0.66 0.00	26.37 -0.84 0.00	27.41 -0.91 0.00	26.16 -0.91 0.00	26.49 -0.91 0.00	29.39 -1.08 0.00	33.72 -1.16 0.00	36.21 -1.48 0.00	36.62 -1.54 0.00	40.59 -1.67 0.00	49.30 -2.08 0.00	43.97 -1.66 0.00	27.76 -1.07 0.00	24.77 -0.84 0.00
STA_56___34_KV_BUS2 355983	13.92 -0.44 0.00	14.04 -0.40 0.00	14.10 -0.57 0.00	11.31 -0.38 0.00	13.53 -0.37 0.00	21.03 -0.72 0.00	22.16 -0.82 0.00	21.63 -0.61 0.00	16.01 -0.49 0.00	18.84 -0.53 0.00	24.18 -0.66 0.00	26.37 -0.84 0.00	27.41 -0.91 0.00	26.16 -0.91 0.00	26.49 -0.91 0.00	29.39 -1.08 0.00	33.72 -1.16 0.00	36.21 -1.48 0.00	36.62 -1.54 0.00	40.59 -1.67 0.00	49.30 -2.08 0.00	43.97 -1.66 0.00	27.76 -1.07 0.00	24.77 -0.84 0.00
STA_67___115KV_BK2 355882	13.97 -0.39 0.00	14.09 -0.35 0.00	14.14 -0.52 0.00	11.35 -0.34 0.00	13.58 -0.32 0.00	21.10 -0.66 0.00	22.22 -0.76 0.00	21.71 -0.53 0.00	16.07 -0.44 0.00	18.91 -0.46 0.00	24.26 -0.58 0.00	26.46 -0.75 0.00	27.49 -0.83 0.00	26.22 -0.85 0.00	26.57 -0.83 0.00	29.45 -1.03 0.00	33.79 -1.09 0.00	36.25 -1.44 0.00	36.68 -1.49 0.00	40.65 -1.60 0.00	49.39 -1.99 0.00	44.06 -1.56 0.00	27.84 -0.99 0.00	24.85 -0.76 0.00
STA_7___115KV_9TRANS 80674	14.06 -0.31 0.00	14.18 -0.26 0.00	14.22 -0.44 0.00	11.42 -0.28 0.00	13.66 -0.24 0.00	21.23 -0.53 0.00	22.36 -0.62 0.00	21.85 -0.39 0.00	16.17 -0.34 0.00	19.03 -0.34 0.00	24.41 -0.42 0.00	26.63 -0.58 0.00	27.68 -0.64 0.00	26.41 -0.66 0.00	26.76 -0.64 0.00	29.68 -0.80 0.00	34.06 -0.82 0.00	36.55 -1.13 0.00	36.99 -1.18 0.00	40.99 -1.27 0.00	49.80 -1.58 0.00	44.42 -1.20 0.00	28.04 -0.79 0.00	25.01 -0.60 0.00
STA_82___115KV_TB1 80780	13.97 -0.39 0.00	14.09 -0.35 0.00	14.14 -0.52 0.00	11.35 -0.34 0.00	13.58 -0.32 0.00	21.10 -0.65 0.00	22.23 -0.75 0.00	21.72 -0.52 0.00	16.08 -0.43 0.00	18.90 -0.46 0.00	24.25 -0.58 0.00	26.45 -0.76 0.00	27.48 -0.83 0.00	26.22 -0.85 0.00	26.57 -0.83 0.00	29.45 -1.03 0.00	33.79 -1.09 0.00	36.26 -1.43 0.00	36.69 -1.48 0.00	40.66 -1.59 0.00	49.41 -1.98 0.00	44.08 -1.55 0.00	27.84 -0.99 0.00	24.85 -0.76 0.00
STEEL___WIND 323596	13.97 -0.36 0.03	14.16 -0.28 0.00	14.11 -0.55 0.00	11.36 -0.33 0.00	13.62 -0.27 0.02	20.86 -0.66 0.24	21.85 -0.83 0.30	20.90 -0.42 0.92	16.14 -0.38 0.00	19.05 -0.32 0.00	24.45 -0.39 0.00	26.59 -0.62 0.00	27.59 -0.73 0.00	26.25 -0.82 0.00	26.57 -0.84 0.00	29.26 -1.22 0.00	33.60 -1.28 0.00	35.87 -1.82 0.00	36.22 -1.94 0.00	40.15 -2.11 0.00	48.74 -2.65 0.00	43.62 -2.01 0.00	27.63 -1.21 0.00	24.76 -0.85 0.00
STEPHTWN_115KV_BK_2 55603	14.64 0.28 0.00	14.75 0.31 0.00	15.00 0.33 0.00	11.98 0.28 0.00	14.25 0.34 0.00	22.11 0.36 0.00	23.22 0.24 0.00	22.29 0.05 0.00	16.49 -0.02 0.00	19.27 -0.10 0.00	24.79 -0.05 0.00	27.18 -0.04 0.00	28.21 -0.10 0.00	27.01 -0.05 0.00	27.37 -0.03 0.00	30.56 0.08 0.00	34.96 0.08 0.00	37.83 0.14 0.00	38.41 0.24 0.00	42.56 0.31 0.00	51.66 0.27 0.00	45.68 0.06 0.00	29.04 0.21 0.00	26.03 0.42 0.00
STEUBEN_REC_LFGE 323667	14.33 -0.03 0.00	14.50 0.06 0.00	14.53 -0.14 0.00	11.72 0.02 0.00	14.02 0.12 0.00	21.77 0.02 0.00	22.88 -0.10 0.00	22.37 0.13 0.00	16.95 0.44 0.00	19.67 0.30 0.00	25.12 0.28 0.00	27.25 0.03 0.00	28.24 -0.08 0.00	26.79 -0.27 0.00	27.15 -0.25 0.00	29.95 -0.53 0.00	34.41 -0.46 0.00	37.25 -0.44 0.00	37.76 -0.41 0.00	42.06 -0.20 0.00	50.95 -0.43 0.00	45.14 -0.48 0.00	28.40 -0.43 0.00	25.40 -0.21 0.00
STILLWATER___SOLAR 323814	14.86 0.50 0.00	14.97 0.53 0.00	15.22 0.55 0.00	12.15 0.45 0.00	14.44 0.53 0.00	22.45 0.70 0.00	23.69 0.71 0.00	22.67 0.43 0.00	16.68 0.17 0.00	19.51 0.14 0.00	24.92 0.08 0.00	27.26 0.05 0.00	28.33 0.02 0.00	27.04 -0.03 0.00	27.33 -0.07 0.00	30.45 -0.03 0.00	34.99 0.12 0.00	38.10 0.41 0.00	38.79 0.62 0.00	43.04 0.78 0.00	52.37 0.98 0.00	46.37 0.75 0.00	29.41 0.58 0.00	26.38 0.77 0.00
STONY___BROOK 24151	10.45 1.27 5.18	13.96 1.19 1.67	15.75 1.08 0.00	12.62 0.92 0.00	14.89 0.98 0.00	23.09 1.34 0.00	24.21 1.23 0.00	23.45 1.21 0.00	17.61 1.09 0.00	20.72 1.35 0.00	26.64 1.80 0.00	29.38 2.17 0.00	34.96 2.42 -4.22	29.45 2.38 0.00	33.48 2.60 -3.47	39.28 2.98 -5.81	37.56 2.69 0.00	40.21 2.53 0.00	40.49 2.33 0.00	44.28 2.03 0.00	54.58 3.20 0.00	47.94 2.31 0.00	30.58 1.75 0.00	27.47 1.86 0.00
STURGEON_POOL_HYD 23609	15.15 0.78 0.00	15.27 0.83 0.00	15.46 0.79 0.00	12.38 0.68 0.00	14.61 0.71 0.00	22.61 0.86 0.00	23.74 0.76 0.00	23.12 0.87 0.00	17.31 0.80 0.00	20.39 1.02 0.00	26.14 1.30 0.00	28.76 1.55 0.00	29.98 1.67 0.00	28.76 1.69 0.00	29.17 1.77 0.00	32.47 2.00 0.00	36.99 2.11 0.00	39.82 2.13 0.00	40.18 2.01 0.00	44.18 1.92 0.00	53.68 2.29 0.00	47.39 1.77 0.00	30.08 1.25 0.00	26.84 1.23 0.00

ST_LAW_115_BK7_LBMP 345037	14.01 -0.35 0.00	14.03 -0.41 0.00	14.24 -0.42 0.00	8.61 -0.38 2.71	13.51 -0.39 0.00	21.38 -0.38 0.00	22.75 -0.23 0.00	22.12 -0.12 0.00	16.46 -0.05 0.00	19.34 -0.03 0.00	24.78 -0.05 0.00	27.13 -0.08 0.00	28.22 -0.10 0.00	26.91 -0.16 0.00	27.22 -0.18 0.00	30.22 -0.26 0.00	34.63 -0.25 0.00	37.40 -0.28 0.00	37.78 -0.39 0.00	42.01 -0.25 0.00	51.18 -0.20 0.00	45.73 0.11 0.00	28.66 -0.17 0.00	25.22 -0.39 0.00
ST_LAW_115_BK8_LBMP 345038	14.01 -0.35 0.00	14.03 -0.41 0.00	14.24 -0.42 0.00	8.61 -0.38 2.71	13.51 -0.39 0.00	21.38 -0.38 0.00	22.75 -0.23 0.00	22.12 -0.12 0.00	16.46 -0.05 0.00	19.34 -0.03 0.00	24.78 -0.05 0.00	27.13 -0.08 0.00	28.22 -0.10 0.00	26.91 -0.16 0.00	27.22 -0.18 0.00	30.22 -0.26 0.00	34.63 -0.25 0.00	37.40 -0.28 0.00	37.78 -0.39 0.00	42.01 -0.25 0.00	51.18 -0.20 0.00	45.73 0.11 0.00	28.66 -0.17 0.00	25.22 -0.39 0.00
ST_LAW_230_BK5_LBMP 345035	14.03 -0.33 0.00	14.06 -0.38 0.00	14.27 -0.40 0.00	8.58 -0.36 2.76	13.54 -0.36 0.00	21.40 -0.36 0.00	22.77 -0.22 0.00	22.13 -0.11 0.00	16.48 -0.03 0.00	19.36 -0.01 0.00	24.80 -0.03 0.00	27.14 -0.07 0.00	28.24 -0.08 0.00	26.93 -0.14 0.00	27.24 -0.15 0.00	30.25 -0.23 0.00	34.66 -0.21 0.00	37.44 -0.25 0.00	37.83 -0.33 0.00	42.06 -0.20 0.00	51.22 -0.17 0.00	45.75 0.12 0.00	28.68 -0.15 0.00	25.26 -0.35 0.00
ST_LAW_230_BK6_LBMP 345036	14.03 -0.33 0.00	14.06 -0.38 0.00	14.27 -0.40 0.00	8.58 -0.36 2.76	13.54 -0.36 0.00	21.40 -0.36 0.00	22.77 -0.22 0.00	22.13 -0.11 0.00	16.48 -0.03 0.00	19.36 -0.01 0.00	24.80 -0.03 0.00	27.14 -0.07 0.00	28.24 -0.08 0.00	26.93 -0.14 0.00	27.24 -0.15 0.00	30.25 -0.23 0.00	34.66 -0.21 0.00	37.44 -0.25 0.00	37.83 -0.33 0.00	42.06 -0.20 0.00	51.22 -0.17 0.00	45.75 0.12 0.00	28.68 -0.15 0.00	25.26 -0.35 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	14.97 0.61 0.00	15.10 0.66 0.00	15.30 0.63 0.00	12.25 0.55 0.00	14.46 0.55 0.00	22.39 0.64 0.00	23.51 0.53 0.00	22.85 0.61 0.00	17.08 0.57 0.00	20.12 0.76 0.00	25.81 0.97 0.00	28.38 1.17 0.00	29.58 1.26 0.00	28.36 1.29 0.00	28.74 1.34 0.00	31.99 1.51 0.00	36.45 1.58 0.00	39.27 1.58 0.00	39.63 1.47 0.00	43.61 1.36 0.00	53.00 1.61 0.00	46.81 1.18 0.00	29.71 0.88 0.00	26.53 0.92 0.00
SWANROAD_115KV_TB1 355699	13.58 -0.78 0.00	13.73 -0.70 0.00	13.65 -1.02 0.00	10.99 -0.70 0.00	13.24 -0.66 0.00	20.42 -1.33 0.00	21.42 -1.56 0.00	21.06 -1.18 0.00	15.64 -0.87 0.00	18.42 -0.95 0.00	23.68 -1.16 0.00	25.73 -1.48 0.00	26.68 -1.64 0.00	25.41 -1.66 0.00	25.71 -1.69 0.00	28.30 -2.18 0.00	32.41 -2.47 0.00	34.51 -3.18 0.00	34.86 -3.31 0.00	38.64 -3.61 0.00	46.90 -4.49 0.00	42.08 -3.54 0.00	26.75 -2.08 0.00	24.01 -1.60 0.00
SYNERGY___BIOGAS 323694	14.11 -0.25 0.00	14.24 -0.20 0.00	14.22 -0.45 0.00	11.44 -0.26 0.00	13.75 -0.15 0.00	21.32 -0.43 0.00	22.45 -0.53 0.00	22.00 -0.24 0.00	16.26 -0.25 0.00	19.00 -0.37 0.00	24.37 -0.47 0.00	26.53 -0.68 0.00	27.53 -0.79 0.00	26.28 -0.79 0.00	26.57 -0.82 0.00	29.38 -1.09 0.00	33.84 -1.03 0.00	36.33 -1.36 0.00	36.80 -1.37 0.00	40.87 -1.38 0.00	49.69 -1.70 0.00	44.47 -1.15 0.00	28.11 -0.72 0.00	25.12 -0.49 0.00
SYRACUSE___ENERGY_ST1 323597	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.71 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
SYRACUSE___ENERGY_ST2 323598	14.13 -0.23 0.00	14.23 -0.21 0.00	14.40 -0.27 0.00	11.52 -0.17 0.00	13.72 -0.19 0.00	21.36 -0.39 0.00	22.54 -0.45 0.00	21.83 -0.41 0.00	16.13 -0.38 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.39 -0.68 0.00	26.74 -0.66 0.00	29.76 -0.72 0.00	34.14 -0.73 0.00	36.95 -0.74 0.00	37.46 -0.71 0.00	41.46 -0.80 0.00	50.40 -0.99 0.00	44.73 -0.90 0.00	28.29 -0.54 0.00	25.15 -0.46 0.00
SYRACUSE___POWER 24017	14.20 -0.16 0.00	14.31 -0.13 0.00	14.48 -0.19 0.00	11.59 -0.11 0.00	13.79 -0.12 0.00	21.47 -0.28 0.00	22.64 -0.34 0.00	21.93 -0.31 0.00	16.21 -0.30 0.00	18.99 -0.37 0.00	24.35 -0.49 0.00	26.66 -0.55 0.00	27.75 -0.57 0.00	26.53 -0.54 0.00	26.89 -0.51 0.00	29.92 -0.56 0.00	34.31 -0.56 0.00	37.08 -0.61 0.00	37.59 -0.57 0.00	41.63 -0.63 0.00	50.62 -0.77 0.00	44.91 -0.72 0.00	28.41 -0.42 0.00	25.28 -0.33 0.00
TALLMAN_138KV_BK151 55660	15.06 0.69 0.00	15.19 0.75 0.00	15.39 0.72 0.00	12.32 0.62 0.00	14.52 0.62 0.00	22.48 0.73 0.00	23.60 0.61 0.00	22.95 0.71 0.00	17.19 0.68 0.00	20.27 0.90 0.00	26.01 1.17 0.00	28.62 1.41 0.00	29.85 1.53 0.00	28.62 1.55 0.00	28.99 1.59 0.00	32.27 1.79 0.00	36.72 1.85 0.00	39.51 1.83 0.00	39.85 1.69 0.00	43.83 1.57 0.00	53.23 1.84 0.00	46.98 1.36 0.00	29.83 1.00 0.00	26.65 1.04 0.00
TEALLAVE_115KV_TB7 355573	14.15 -0.22 0.00	14.25 -0.19 0.00	14.42 -0.25 0.00	11.54 -0.16 0.00	13.73 -0.17 0.00	21.38 -0.37 0.00	22.54 -0.45 0.00	21.84 -0.40 0.00	16.15 -0.36 0.00	18.93 -0.44 0.00	24.29 -0.55 0.00	26.58 -0.63 0.00	27.66 -0.66 0.00	26.44 -0.62 0.00	26.80 -0.60 0.00	29.81 -0.66 0.00	34.18 -0.69 0.00	36.91 -0.78 0.00	37.43 -0.74 0.00	41.44 -0.82 0.00	50.37 -1.02 0.00	44.69 -0.94 0.00	28.29 -0.54 0.00	25.18 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	13.87 -0.49 0.00	14.01 -0.43 0.00	13.96 -0.71 0.00	11.24 -0.46 0.00	13.52 -0.39 0.00	20.90 -0.85 0.00	21.96 -1.02 0.00	21.57 -0.67 0.00	15.98 -0.53 0.00	18.78 -0.59 0.00	24.10 -0.74 0.00	26.22 -0.99 0.00	27.19 -1.13 0.00	25.91 -1.16 0.00	26.23 -1.17 0.00	28.93 -1.55 0.00	33.21 -1.66 0.00	35.48 -2.20 0.00	35.90 -2.27 0.00	39.82 -2.43 0.00	48.35 -3.03 0.00	43.33 -2.30 0.00	27.46 -1.37 0.00	24.60 -1.01 0.00
TEMPLE___115KV_TB 2 55572	14.16 -0.21 0.00	14.26 -0.17 0.00	14.43 -0.24 0.00	11.55 -0.16 0.00	13.73 -0.17 0.00	21.39 -0.36 0.00	22.54 -0.44 0.00	21.84 -0.40 0.00	16.16 -0.35 0.00	18.95 -0.42 0.00	24.30 -0.54 0.00	26.59 -0.61 0.00	27.68 -0.64 0.00	26.47 -0.60 0.00	26.82 -0.58 0.00	29.83 -0.65 0.00	34.21 -0.67 0.00	36.94 -0.75 0.00	37.44 -0.72 0.00	41.44 -0.81 0.00	50.38 -1.01 0.00	44.70 -0.92 0.00	28.30 -0.54 0.00	25.18 -0.43 0.00
TIANA____69_KV_BK 1 55817	10.38 1.50 5.49	14.10 1.41 1.75	15.94 1.27 0.00	12.79 1.10 0.00	15.11 1.20 0.00	23.43 1.67 0.00	24.59 1.60 0.00	23.84 1.60 0.00	17.90 1.39 0.00	21.06 1.69 0.00	27.03 2.20 0.00	29.80 2.59 0.00	35.35 2.87 -4.16	29.86 2.79 0.00	33.87 3.01 -3.45	39.69 3.43 -5.78	37.91 3.04 0.00	40.44 2.75 0.00	40.45 2.29 0.00	44.18 1.92 0.00	54.96 3.58 0.00	48.23 2.60 0.00	30.71 1.88 0.00	27.58 1.97 0.00

TILDEN___115KV_TB1 80814	14.20 -0.16 0.00	14.31 -0.13 0.00	14.48 -0.19 0.00	11.59 -0.11 0.00	13.79 -0.12 0.00	21.47 -0.28 0.00	22.64 -0.34 0.00	21.93 -0.31 0.00	16.21 -0.30 0.00	18.99 -0.37 0.00	24.35 -0.49 0.00	26.66 -0.55 0.00	27.75 -0.57 0.00	26.53 -0.54 0.00	26.89 -0.51 0.00	29.92 -0.56 0.00	34.31 -0.56 0.00	37.08 -0.61 0.00	37.59 -0.57 0.00	41.63 -0.63 0.00	50.62 -0.77 0.00	44.91 -0.72 0.00	28.41 -0.42 0.00	25.28 -0.33 0.00
TRIGEN___CC 323695	48.59 1.01 -33.22	23.49 0.98 -8.07	15.56 0.89 0.00	12.46 0.77 0.00	14.71 0.80 0.00	22.79 1.04 0.00	23.89 0.91 0.00	23.17 0.93 0.00	17.39 0.88 0.00	20.48 1.11 0.00	26.36 1.52 0.00	29.08 1.87 0.00	41.73 2.06 -11.36	29.07 2.00 0.00	35.66 2.11 -6.15	43.13 2.36 -10.29	37.15 2.27 0.00	39.87 2.18 0.00	40.20 2.04 0.00	44.12 1.86 0.00	53.87 2.48 0.00	47.43 1.81 0.00	30.20 1.37 0.00	27.06 1.45 0.00
TRINITY___115KV___4 BK 55933	14.53 0.17 0.00	14.63 0.19 0.00	14.87 0.20 0.00	11.88 0.18 0.00	14.11 0.21 0.00	21.87 0.12 0.00	22.99 0.01 0.00	22.08 -0.16 0.00	16.34 -0.17 0.00	19.11 -0.25 0.00	24.56 -0.27 0.00	26.92 -0.29 0.00	27.99 -0.32 0.00	26.79 -0.28 0.00	27.10 -0.30 0.00	30.21 -0.27 0.00	34.52 -0.35 0.00	37.40 -0.29 0.00	37.94 -0.23 0.00	42.00 -0.25 0.00	51.01 -0.38 0.00	45.17 -0.46 0.00	28.76 -0.06 0.00	25.77 0.16 0.00
UNION___PROCESSING_DRP 323587	13.98 -0.39 0.00	14.09 -0.35 0.00	14.15 -0.52 0.00	11.36 -0.34 0.00	13.59 -0.32 0.00	21.11 -0.65 0.00	22.23 -0.75 0.00	21.72 -0.52 0.00	16.08 -0.43 0.00	18.91 -0.46 0.00	24.25 -0.58 0.00	26.45 -0.76 0.00	27.49 -0.83 0.00	26.23 -0.84 0.00	26.57 -0.83 0.00	29.45 -1.02 0.00	33.79 -1.09 0.00	36.27 -1.42 0.00	36.69 -1.47 0.00	40.67 -1.58 0.00	49.42 -1.97 0.00	44.08 -1.55 0.00	27.85 -0.98 0.00	24.86 -0.75 0.00
UPPER HUDSON___HYD 24058	14.88 0.51 0.00	15.00 0.56 0.00	15.24 0.57 0.00	12.17 0.47 0.00	14.47 0.56 0.00	22.53 0.78 0.00	23.94 0.96 0.00	22.84 0.60 0.00	16.83 0.32 0.00	19.73 0.37 0.00	25.03 0.19 0.00	27.36 0.15 0.00	28.35 0.04 0.00	26.94 -0.13 0.00	27.10 -0.30 0.00	30.09 -0.38 0.00	34.68 -0.19 0.00	37.79 0.10 0.00	38.49 0.32 0.00	42.70 0.44 0.00	52.01 0.62 0.00	46.04 0.42 0.00	29.16 0.32 0.00	26.38 0.76 0.00
UPPER RAQUET___HYD 24056	13.77 -0.59 0.00	13.78 -0.66 0.00	13.99 -0.68 0.00	8.96 -0.58 2.16	13.30 -0.60 0.00	21.09 -0.66 0.00	22.45 -0.53 0.00	21.64 -0.60 0.00	16.08 -0.43 0.00	18.87 -0.50 0.00	24.17 -0.67 0.00	26.53 -0.67 0.00	27.60 -0.72 0.00	26.21 -0.86 0.00	26.51 -0.89 0.00	29.41 -1.07 0.00	33.75 -1.12 0.00	36.54 -1.15 0.00	36.83 -1.33 0.00	41.18 -1.08 0.00	50.38 -1.00 0.00	45.31 -0.31 0.00	28.17 -0.66 0.00	24.71 -0.90 0.00
VALLEY44_115KV_TB2 355964	14.28 -0.08 0.00	14.52 0.08 0.00	14.55 -0.13 0.00	11.71 0.02 0.00	13.97 0.07 0.00	21.64 -0.12 0.00	22.73 -0.25 0.00	22.40 0.16 0.00	16.57 0.06 0.00	19.56 0.19 0.00	25.10 0.26 0.00	27.14 -0.07 0.00	28.18 -0.14 0.00	26.68 -0.39 0.00	27.02 -0.38 0.00	29.67 -0.81 0.00	34.07 -0.81 0.00	36.44 -1.25 0.00	36.81 -1.35 0.00	40.82 -1.44 0.00	49.59 -1.79 0.00	44.30 -1.33 0.00	28.02 -0.81 0.00	25.21 -0.40 0.00
VALLEY___115KV_TB 1-4 80826	14.43 0.06 0.00	14.52 0.08 0.00	14.77 0.10 0.00	11.95 0.11 -0.14	14.00 0.10 0.00	21.79 0.04 0.00	22.94 -0.04 0.00	21.94 -0.30 0.00	16.16 -0.36 0.00	18.82 -0.55 0.00	24.11 -0.73 0.00	26.42 -0.80 0.00	27.54 -0.78 0.00	26.36 -0.71 0.00	26.63 -0.77 0.00	29.71 -0.77 0.00	34.08 -0.80 0.00	37.10 -0.58 0.00	37.88 -0.29 0.00	42.05 -0.20 0.00	51.22 -0.17 0.00	45.40 -0.23 0.00	28.77 -0.06 0.00	25.71 0.10 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	14.86 0.50 0.00	14.98 0.54 0.00	15.20 0.53 0.00	12.16 0.46 0.00	14.44 0.54 0.00	22.46 0.71 0.00	23.66 0.68 0.00	22.92 0.68 0.00	17.02 0.51 0.00	19.95 0.58 0.00	25.57 0.74 0.00	28.00 0.79 0.00	29.12 0.81 0.00	27.85 0.79 0.00	28.23 0.83 0.00	31.41 0.93 0.00	35.99 1.11 0.00	38.90 1.21 0.00	39.41 1.25 0.00	43.53 1.28 0.00	52.91 1.53 0.00	46.88 1.25 0.00	29.64 0.81 0.00	26.40 0.79 0.00
VISCHER___FERRY HYD 24020	14.70 0.34 0.00	14.80 0.36 0.00	15.05 0.39 0.00	12.02 0.32 0.00	14.28 0.38 0.00	22.15 0.40 0.00	23.33 0.35 0.00	22.33 0.09 0.00	16.45 -0.06 0.00	19.22 -0.15 0.00	24.65 -0.19 0.00	26.99 -0.22 0.00	28.07 -0.25 0.00	26.83 -0.24 0.00	27.12 -0.28 0.00	30.23 -0.25 0.00	34.64 -0.23 0.00	37.65 -0.04 0.00	38.28 0.12 0.00	42.46 0.20 0.00	51.60 0.21 0.00	45.70 0.08 0.00	29.09 0.26 0.00	26.06 0.45 0.00
V_A_10_SYNC_DSASP 323832	13.77 -0.58 0.02	13.94 -0.50 0.00	13.94 -0.73 0.00	11.21 -0.49 0.00	13.42 -0.47 0.01	20.63 -0.96 0.17	21.63 -1.13 0.21	20.74 -0.81 0.69	15.87 -0.64 0.00	18.74 -0.63 0.00	24.03 -0.80 0.00	26.15 -1.06 0.00	27.14 -1.18 0.00	25.85 -1.22 0.00	26.17 -1.23 0.00	28.91 -1.57 0.00	33.11 -1.77 0.00	35.34 -2.34 0.00	35.70 -2.46 0.00	39.59 -2.67 0.00	48.08 -3.31 0.00	43.02 -2.61 0.00	27.24 -1.59 0.00	24.43 -1.19 0.00
V_CMM_10_SYNC_DSASP 323787	14.09 -0.28 0.00	14.10 -0.34 0.00	14.32 -0.35 0.00	8.67 -0.32 2.71	13.59 -0.32 0.00	21.49 -0.27 0.00	22.87 -0.11 0.00	22.23 -0.01 0.00	16.55 0.04 0.00	19.44 0.07 0.00	24.91 0.07 0.00	27.27 0.06 0.00	28.36 0.05 0.00	27.04 -0.03 0.00	27.36 -0.04 0.00	30.37 -0.10 0.00	34.80 -0.07 0.00	37.59 -0.10 0.00	37.97 -0.19 0.00	42.23 -0.03 0.00	51.44 0.05 0.00	45.96 0.33 0.00	28.80 -0.03 0.00	25.35 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	14.18 -0.19 0.00	14.19 -0.25 0.00	14.39 -0.28 0.00	8.70 -0.28 2.72	13.61 -0.30 0.00	21.57 -0.19 0.00	23.00 0.02 0.00	22.47 0.23 0.00	16.75 0.24 0.00	19.75 0.39 0.00	25.34 0.50 0.00	27.67 0.46 0.00	28.85 0.54 0.00	27.54 0.47 0.00	27.85 0.45 0.00	30.77 0.30 0.00	35.29 0.41 0.00	38.29 0.60 0.00	38.80 0.63 0.00	43.22 0.96 0.00	52.70 1.31 0.00	46.86 1.23 0.00	29.39 0.56 0.00	25.92 0.31 0.00
V_D_10_SYNC_DSASP 323841	14.10 -0.26 0.00	14.12 -0.32 0.00	14.33 -0.34 0.00	8.77 -0.31 2.62	13.61 -0.30 0.00	21.53 -0.22 0.00	22.98 0.00 0.00	22.30 0.06 0.00	16.59 0.08 0.00	19.49 0.13 0.00	24.98 0.14 0.00	27.34 0.13 0.00	28.44 0.12 0.00	27.10 0.04 0.00	27.42 0.02 0.00	30.44 -0.04 0.00	34.88 0.01 0.00	37.68 0.00 0.00	37.95 -0.21 0.00	42.24 -0.01 0.00	51.52 0.14 0.00	46.21 0.59 0.00	28.84 0.01 0.00	25.37 -0.24 0.00
V_E_10_SYNC_DSASP 323830	15.20 0.82 -0.01	15.33 0.89 0.00	15.49 0.83 0.00	12.45 0.75 0.00	14.83 0.92 0.00	23.20 1.37 -0.07	24.52 1.45 -0.09	23.89 1.36 -0.30	17.25 0.75 0.00	20.12 0.75 0.00	25.65 0.81 0.00	27.99 0.78 0.00	29.16 0.84 0.00	27.86 0.79 0.00	28.26 0.86 0.00	31.55 1.07 0.00	36.37 1.50 0.00	39.67 1.98 0.00	40.61 2.45 0.00	45.12 2.86 0.00	54.99 3.60 0.00	48.68 3.05 0.00	30.45 1.62 0.00	27.00 1.39 0.00

V_F_30_NSYNC___DSASP 323816	14.88 0.51 0.00	14.98 0.54 0.00	15.23 0.57 0.00	12.16 0.46 0.00	14.45 0.55 0.00	22.48 0.72 0.00	23.72 0.74 0.00	22.72 0.48 0.00	16.73 0.22 0.00	19.57 0.21 0.00	25.01 0.17 0.00	27.36 0.15 0.00	28.42 0.11 0.00	27.13 0.06 0.00	27.43 0.03 0.00	30.55 0.07 0.00	35.12 0.25 0.00	38.21 0.52 0.00	38.87 0.71 0.00	43.13 0.87 0.00	52.47 1.09 0.00	46.46 0.83 0.00	29.46 0.64 0.00	26.41 0.80 0.00
V_F_30_SYNC_DSASP 323786	14.58 0.22 0.00	14.68 0.24 0.00	14.92 0.25 0.00	11.91 0.21 0.00	14.15 0.25 0.00	21.94 0.19 0.00	23.08 0.10 0.00	22.17 -0.07 0.00	16.42 -0.10 0.00	19.20 -0.17 0.00	24.67 -0.17 0.00	27.04 -0.17 0.00	28.12 -0.20 0.00	26.92 -0.16 0.00	27.22 -0.18 0.00	30.37 -0.11 0.00	34.72 -0.15 0.00	37.62 -0.07 0.00	38.15 -0.01 0.00	42.23 -0.03 0.00	51.30 -0.09 0.00	45.41 -0.22 0.00	28.89 0.06 0.00	25.87 0.26 0.00
V_XM_10_SYNC_DSASP 323789	14.18 -0.19 0.00	14.19 -0.25 0.00	14.39 -0.28 0.00	8.70 -0.28 2.72	13.61 -0.30 0.00	21.57 -0.19 0.00	23.00 0.02 0.00	22.47 0.23 0.00	16.75 0.24 0.00	19.75 0.39 0.00	25.34 0.50 0.00	27.67 0.46 0.00	28.85 0.54 0.00	27.54 0.47 0.00	27.85 0.45 0.00	30.77 0.30 0.00	35.29 0.41 0.00	38.29 0.60 0.00	38.80 0.63 0.00	43.22 0.96 0.00	52.70 1.31 0.00	46.86 1.23 0.00	29.39 0.56 0.00	25.92 0.31 0.00
W.BABYLN_69_KV_BK1 56697	18.61 1.29 -2.96	16.16 1.24 -0.48	15.80 1.13 0.00	12.66 0.96 0.00	14.93 1.03 0.00	23.16 1.41 0.00	24.29 1.30 0.00	23.53 1.29 0.00	17.66 1.15 0.00	20.77 1.41 0.00	26.71 1.87 0.00	29.47 2.26 0.00	36.51 2.52 -5.68	29.54 2.46 0.00	33.95 2.63 -3.93	40.01 2.96 -6.58	37.63 2.76 0.00	40.36 2.67 0.00	40.74 2.58 0.00	44.65 2.40 0.00	54.75 3.37 0.00	48.17 2.55 0.00	30.76 1.93 0.00	27.59 1.98 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	15.10 0.74 0.00	15.23 0.79 0.00	15.43 0.76 0.00	12.35 0.65 0.00	14.57 0.66 0.00	22.55 0.80 0.00	23.67 0.69 0.00	23.04 0.80 0.00	17.25 0.74 0.00	20.33 0.97 0.00	26.09 1.25 0.00	28.71 1.50 0.00	29.94 1.63 0.00	28.71 1.64 0.00	29.09 1.69 0.00	32.38 1.90 0.00	36.85 1.98 0.00	39.65 1.97 0.00	40.00 1.84 0.00	43.99 1.74 0.00	53.45 2.06 0.00	47.17 1.54 0.00	29.94 1.11 0.00	26.74 1.13 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	15.20 0.84 0.00	15.33 0.89 0.00	15.52 0.85 0.00	12.43 0.73 0.00	14.66 0.76 0.00	22.67 0.91 0.00	23.80 0.82 0.00	23.18 0.94 0.00	17.40 0.89 0.00	20.53 1.16 0.00	26.34 1.50 0.00	28.99 1.77 0.00	30.23 1.92 0.00	28.98 1.91 0.00	29.37 1.97 0.00	32.69 2.21 0.00	37.18 2.31 0.00	39.97 2.28 0.00	40.28 2.12 0.00	44.27 2.01 0.00	53.74 2.35 0.00	47.38 1.76 0.00	30.09 1.26 0.00	26.88 1.27 0.00
W50THST__13_KV_LOAD 356117	15.27 0.91 0.00	15.40 0.96 0.00	15.59 0.92 0.00	12.48 0.78 0.00	14.72 0.81 0.00	22.77 1.01 0.00	23.91 0.93 0.00	23.30 1.06 0.00	17.52 1.01 0.00	20.69 1.32 0.00	26.53 1.69 0.00	29.21 2.00 0.00	30.46 2.15 0.00	29.21 2.14 0.00	29.60 2.20 0.00	32.94 2.46 0.00	37.47 2.59 0.00	40.26 2.57 0.00	40.55 2.39 0.00	44.52 2.27 0.00	54.05 2.67 0.00	47.63 2.01 0.00	30.24 1.41 0.00	27.01 1.40 0.00
WADING RIVER_IC_1 23522	10.17 1.33 5.53	13.93 1.25 1.76	15.80 1.13 0.00	12.66 0.97 0.00	14.94 1.04 0.00	23.18 1.43 0.00	24.31 1.33 0.00	23.56 1.32 0.00	17.68 1.17 0.00	20.79 1.42 0.00	26.68 1.84 0.00	29.42 2.21 0.00	34.95 2.47 -4.15	29.48 2.41 0.00	33.50 2.65 -3.45	39.28 3.03 -5.78	37.44 2.56 0.00	40.08 2.39 0.00	40.07 1.90 0.00	43.79 1.53 0.00	54.66 3.27 0.00	47.98 2.35 0.00	30.58 1.75 0.00	27.48 1.87 0.00
WADING RIVER_IC_2 23547	10.17 1.33 5.53	13.93 1.25 1.76	15.80 1.13 0.00	12.66 0.97 0.00	14.94 1.04 0.00	23.18 1.43 0.00	24.31 1.33 0.00	23.56 1.32 0.00	17.68 1.17 0.00	20.79 1.42 0.00	26.68 1.84 0.00	29.42 2.21 0.00	34.95 2.47 -4.15	29.48 2.41 0.00	33.50 2.65 -3.45	39.28 3.03 -5.78	37.44 2.56 0.00	40.08 2.39 0.00	40.07 1.90 0.00	43.79 1.53 0.00	54.66 3.27 0.00	47.98 2.35 0.00	30.58 1.75 0.00	27.48 1.87 0.00
WADING RIVER_IC_3 23601	10.17 1.33 5.53	13.93 1.25 1.76	15.80 1.13 0.00	12.66 0.97 0.00	14.94 1.04 0.00	23.18 1.43 0.00	24.31 1.33 0.00	23.56 1.32 0.00	17.68 1.17 0.00	20.79 1.42 0.00	26.68 1.84 0.00	29.42 2.21 0.00	34.95 2.47 -4.15	29.48 2.41 0.00	33.50 2.65 -3.45	39.28 3.03 -5.78	37.44 2.56 0.00	40.08 2.39 0.00	40.07 1.90 0.00	43.79 1.53 0.00	54.66 3.27 0.00	47.98 2.35 0.00	30.58 1.75 0.00	27.48 1.87 0.00
WALDENNY_12_KV_BK2 80841	14.00 -0.37 0.00	14.15 -0.29 0.00	14.10 -0.57 0.00	11.35 -0.35 0.00	13.63 -0.27 0.00	21.08 -0.67 0.00	22.14 -0.84 0.00	21.80 -0.44 0.00	16.14 -0.37 0.00	19.06 -0.31 0.00	24.47 -0.37 0.00	26.61 -0.60 0.00	27.62 -0.70 0.00	26.28 -0.79 0.00	26.61 -0.79 0.00	29.29 -1.19 0.00	33.63 -1.24 0.00	35.87 -1.81 0.00	36.23 -1.93 0.00	40.16 -2.10 0.00	48.74 -2.64 0.00	43.63 -2.00 0.00	27.63 -1.20 0.00	24.77 -0.84 0.00
WALDEN___HYDRO 24148	15.05 0.68 0.00	15.17 0.73 0.00	15.37 0.70 0.00	12.31 0.61 0.00	14.53 0.62 0.00	22.51 0.75 0.00	23.64 0.66 0.00	22.97 0.73 0.00	17.17 0.66 0.00	20.21 0.84 0.00	25.91 1.07 0.00	28.48 1.27 0.00	29.69 1.38 0.00	28.47 1.40 0.00	28.87 1.47 0.00	32.14 1.66 0.00	36.64 1.76 0.00	39.49 1.80 0.00	39.87 1.70 0.00	43.90 1.65 0.00	53.35 1.97 0.00	47.11 1.49 0.00	29.89 1.06 0.00	26.69 1.07 0.00
WARRENSBURG____ 23737	14.88 0.51 0.00	15.00 0.56 0.00	15.24 0.57 0.00	12.16 0.47 0.00	14.47 0.56 0.00	22.53 0.78 0.00	23.94 0.96 0.00	22.84 0.60 0.00	16.83 0.32 0.00	19.73 0.37 0.00	25.03 0.19 0.00	27.36 0.15 0.00	28.36 0.04 0.00	26.94 -0.13 0.00	27.10 -0.30 0.00	30.09 -0.38 0.00	34.68 -0.19 0.00	37.79 0.10 0.00	38.48 0.32 0.00	42.70 0.44 0.00	52.01 0.62 0.00	46.04 0.42 0.00	29.16 0.32 0.00	26.38 0.76 0.00
WATERSIDE___6 8 9 23538	15.26 0.89 0.00	15.38 0.94 0.00	15.57 0.90 0.00	12.47 0.77 0.00	14.70 0.80 0.00	22.73 0.97 0.00	23.83 0.85 0.00	23.23 0.99 0.00	17.46 0.95 0.00	20.56 1.19 0.00	26.36 1.52 0.00	29.01 1.80 0.00	30.28 1.96 0.00	29.02 1.95 0.00	29.40 2.00 0.00	32.73 2.25 0.00	37.21 2.34 0.00	40.00 2.32 0.00	40.33 2.16 0.00	44.29 2.04 0.00	53.78 2.40 0.00	47.47 1.84 0.00	30.12 1.29 0.00	26.91 1.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	14.42 0.05 0.00	14.51 0.07 0.00	14.75 0.08 0.00	11.92 0.08 -0.14	13.99 0.08 0.00	21.78 0.02 0.00	22.94 -0.04 0.00	22.00 -0.24 0.00	16.24 -0.27 0.00	18.96 -0.41 0.00	24.30 -0.54 0.00	26.63 -0.58 0.00	27.74 -0.58 0.00	26.54 -0.53 0.00	26.83 -0.57 0.00	29.91 -0.57 0.00	34.28 -0.60 0.00	37.25 -0.44 0.00	37.93 -0.23 0.00	42.09 -0.17 0.00	51.22 -0.16 0.00	45.41 -0.22 0.00	28.76 -0.06 0.00	25.67 0.06 0.00

WDELAWARE___HYD 323627	14.82 0.45 0.00	14.93 0.49 0.00	15.13 0.46 0.00	12.11 0.41 0.00	14.30 0.40 0.00	22.18 0.42 0.00	23.32 0.34 0.00	22.66 0.43 0.00	16.91 0.40 0.00	19.87 0.50 0.00	25.45 0.61 0.00	27.94 0.73 0.00	29.11 0.80 0.00	27.92 0.85 0.00	28.32 0.93 0.00	31.55 1.07 0.00	36.03 1.15 0.00	38.89 1.21 0.00	39.35 1.18 0.00	43.39 1.13 0.00	52.73 1.34 0.00	46.55 0.92 0.00	29.50 0.67 0.00	26.30 0.69 0.00
WEST BABYLON___IC 23714	18.61 1.29 -2.96	16.16 1.24 -0.48	15.80 1.13 0.00	12.66 0.96 0.00	14.93 1.03 0.00	23.16 1.41 0.00	24.29 1.30 0.00	23.53 1.29 0.00	17.66 1.15 0.00	20.77 1.41 0.00	26.71 1.87 0.00	29.47 2.26 0.00	36.51 2.52 -5.68	29.54 2.46 0.00	33.95 2.63 -3.93	40.01 2.96 -6.58	37.63 2.76 0.00	40.36 2.67 0.00	40.74 2.58 0.00	44.65 2.40 0.00	54.75 3.37 0.00	48.17 2.55 0.00	30.76 1.93 0.00	27.59 1.98 0.00
WEST CANADA___HYD 24049	14.38 0.01 0.00	14.47 0.03 0.00	14.70 0.03 0.00	11.87 0.03 -0.14	13.93 0.03 0.00	21.73 -0.02 0.00	22.92 -0.06 0.00	22.14 -0.10 0.00	16.43 -0.08 0.00	19.26 -0.10 0.00	24.71 -0.13 0.00	27.07 -0.14 0.00	28.17 -0.14 0.00	26.94 -0.13 0.00	27.27 -0.14 0.00	30.34 -0.14 0.00	34.70 -0.17 0.00	37.53 -0.15 0.00	38.03 -0.13 0.00	42.10 -0.16 0.00	51.18 -0.20 0.00	45.44 -0.18 0.00	28.77 -0.06 0.00	25.61 0.00 0.00
WESTERN_NY_WIND 24143	14.10 -0.27 0.00	14.23 -0.21 0.00	14.20 -0.47 0.00	11.43 -0.27 0.00	13.74 -0.17 0.00	21.30 -0.45 0.00	22.42 -0.57 0.00	21.97 -0.27 0.00	16.24 -0.27 0.00	18.98 -0.39 0.00	24.35 -0.49 0.00	26.50 -0.70 0.00	27.50 -0.82 0.00	26.25 -0.82 0.00	26.55 -0.85 0.00	29.35 -1.13 0.00	33.79 -1.08 0.00	36.28 -1.41 0.00	36.75 -1.41 0.00	40.81 -1.44 0.00	49.60 -1.79 0.00	44.41 -1.22 0.00	28.07 -0.76 0.00	25.09 -0.52 0.00
WESTOVER___LESR 323668	14.38 0.01 0.00	14.52 0.09 0.00	14.69 0.02 0.00	11.77 0.07 0.00	13.98 0.08 0.00	21.71 -0.05 0.00	22.84 -0.14 0.00	22.19 -0.04 0.00	16.45 -0.07 0.00	19.32 -0.05 0.00	24.76 -0.08 0.00	27.06 -0.15 0.00	28.17 -0.15 0.00	26.89 -0.18 0.00	27.25 -0.15 0.00	30.23 -0.25 0.00	34.62 -0.25 0.00	37.36 -0.33 0.00	37.83 -0.33 0.00	41.87 -0.39 0.00	50.91 -0.47 0.00	45.17 -0.46 0.00	28.57 -0.26 0.00	25.50 -0.11 0.00
WETHRSFD_WT_PWR 323626	14.01 -0.35 0.00	14.18 -0.26 0.00	14.17 -0.50 0.00	11.42 -0.28 0.00	13.67 -0.24 0.00	21.17 -0.59 0.00	22.21 -0.78 0.00	21.69 -0.55 0.00	15.92 -0.59 0.00	18.72 -0.64 0.00	24.04 -0.80 0.00	26.20 -1.01 0.00	27.18 -1.14 0.00	25.86 -1.21 0.00	26.18 -1.22 0.00	28.92 -1.56 0.00	33.27 -1.61 0.00	35.70 -1.98 0.00	36.21 -1.95 0.00	40.18 -2.08 0.00	48.70 -2.69 0.00	43.50 -2.13 0.00	27.51 -1.31 0.00	24.62 -0.99 0.00
WHAVSTOR_138KV_BK127 55557	15.05 0.69 0.00	15.19 0.75 0.00	15.37 0.71 0.00	12.31 0.61 0.00	14.52 0.62 0.00	22.47 0.72 0.00	23.58 0.60 0.00	22.94 0.70 0.00	17.18 0.67 0.00	20.25 0.88 0.00	25.98 1.14 0.00	28.59 1.38 0.00	29.81 1.49 0.00	28.58 1.51 0.00	28.96 1.56 0.00	32.22 1.74 0.00	36.67 1.80 0.00	39.46 1.77 0.00	39.80 1.64 0.00	43.78 1.53 0.00	53.18 1.79 0.00	46.94 1.31 0.00	29.81 0.98 0.00	26.63 1.02 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	15.05 0.69 0.00	15.19 0.75 0.00	15.37 0.71 0.00	12.31 0.61 0.00	14.52 0.62 0.00	22.47 0.72 0.00	23.58 0.60 0.00	22.94 0.70 0.00	17.18 0.67 0.00	20.25 0.88 0.00	25.98 1.14 0.00	28.59 1.38 0.00	29.81 1.49 0.00	28.58 1.51 0.00	28.96 1.56 0.00	32.22 1.74 0.00	36.67 1.80 0.00	39.46 1.77 0.00	39.80 1.64 0.00	43.78 1.53 0.00	53.18 1.79 0.00	46.94 1.31 0.00	29.81 0.98 0.00	26.63 1.02 0.00
WHITEHAL_115KV_TB1 80871	15.22 0.85 0.00	15.55 1.11 0.00	15.76 1.09 0.00	12.58 0.88 0.00	14.94 1.04 0.00	23.30 1.54 0.00	24.63 1.65 0.00	22.85 0.61 0.00	16.71 0.20 0.00	20.03 0.66 0.00	25.47 0.64 0.00	27.54 0.33 0.00	28.84 0.53 0.00	27.47 0.39 0.00	27.65 0.25 0.00	30.62 0.14 0.00	35.66 0.78 0.00	39.33 1.64 0.00	40.32 2.16 0.00	44.79 2.54 0.00	54.73 3.35 0.00	48.58 2.95 0.00	30.40 1.57 0.00	27.04 1.43 0.00
WHITEPLN_13_KV_LOAD 356215	15.24 0.87 0.00	15.37 0.93 0.00	15.56 0.89 0.00	12.45 0.76 0.00	14.70 0.80 0.00	22.76 1.00 0.00	23.90 0.92 0.00	23.26 1.02 0.00	17.43 0.92 0.00	20.54 1.17 0.00	26.36 1.52 0.00	29.00 1.79 0.00	30.26 1.94 0.00	29.01 1.94 0.00	29.39 1.99 0.00	32.72 2.25 0.00	37.24 2.37 0.00	40.07 2.38 0.00	40.41 2.24 0.00	44.43 2.17 0.00	53.97 2.58 0.00	47.60 1.98 0.00	30.21 1.38 0.00	26.96 1.35 0.00
WM_FLOYD_69_KV_BK2 356380	10.32 1.32 5.36	13.96 1.24 1.72	15.79 1.12 0.00	12.66 0.96 0.00	14.93 1.03 0.00	23.16 1.41 0.00	24.30 1.32 0.00	23.53 1.29 0.00	17.66 1.15 0.00	20.77 1.40 0.00	26.65 1.81 0.00	29.38 2.17 0.00	34.95 2.44 -4.19	29.46 2.39 0.00	33.48 2.62 -3.46	39.28 3.00 -5.79	37.54 2.67 0.00	40.23 2.54 0.00	40.37 2.21 0.00	44.12 1.87 0.00	54.69 3.31 0.00	48.02 2.39 0.00	30.61 1.78 0.00	27.50 1.89 0.00
WOODARD__115KV_TB2 355635	14.11 -0.25 0.00	14.21 -0.23 0.00	14.38 -0.28 0.00	11.51 -0.19 0.00	13.69 -0.21 0.00	21.33 -0.43 0.00	22.48 -0.50 0.00	21.78 -0.46 0.00	16.11 -0.40 0.00	18.89 -0.48 0.00	24.22 -0.62 0.00	26.51 -0.70 0.00	27.59 -0.73 0.00	26.38 -0.69 0.00	26.74 -0.66 0.00	29.74 -0.74 0.00	34.11 -0.77 0.00	36.85 -0.83 0.00	37.36 -0.80 0.00	41.36 -0.90 0.00	50.29 -1.10 0.00	44.63 -1.00 0.00	28.23 -0.60 0.00	25.13 -0.49 0.00
WOODMERE_69_KV_BK1 55827	104.62 1.15 -89.10	38.17 1.11 -22.61	15.69 1.03 0.00	12.58 0.87 0.00	14.84 0.93 0.00	22.99 1.24 0.00	24.10 1.12 0.00	23.38 1.14 0.00	17.55 1.04 0.00	20.66 1.29 0.00	26.64 1.79 0.00	29.38 2.16 0.00	46.12 2.37 -15.43	29.38 2.31 0.00	35.42 2.40 -5.62	42.57 2.68 -9.41	37.56 2.69 0.00	40.29 2.60 0.00	40.62 2.45 0.00	44.58 2.32 0.00	54.43 3.05 0.00	47.93 2.30 0.00	30.49 1.66 0.00	27.30 1.69 0.00
YORK___WARBASSE 23770	15.30 0.94 0.00	15.43 0.99 0.00	15.62 0.95 0.00	12.51 0.81 0.00	14.75 0.84 0.00	22.80 1.05 0.00	23.92 0.94 0.00	23.31 1.07 0.00	17.49 0.98 0.00	20.59 1.23 0.00	26.42 1.58 0.00	29.08 1.86 0.00	30.34 2.02 0.00	29.10 2.03 0.00	29.47 2.08 0.00	32.81 2.33 0.00	37.31 2.44 0.00	40.11 2.42 0.00	40.44 2.27 0.00	44.44 2.18 0.00	53.93 2.55 0.00	47.58 1.95 0.00	30.23 1.40 0.00	27.01 1.40 0.00